

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087319.D
 Acq On : 24 May 2016 1:40
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
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 5/24/2016 7:39:33 PM

Quant Time: May 24 18:13:37 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 01:40:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	192171	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	789390	20.00	ng	0.00
38) Acenaphthene-d10	12.48	164	355200	20.00	ng	0.00
63) Phenanthrene-d10	14.88	188	664088	20.00	ng	0.00
75) Chrysene-d12	18.56	240	482986	20.00	ng	0.00
86) Perylene-d12	20.23	264	380612	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	924105	84.50	ng	0.00
7) Phenol-d6	7.16	99	1185859	80.25	ng	0.00
23) Nitrobenzene-d5	8.54	82	1265440	80.79	ng	0.00
41) 2,4,6-Tribromophenol	13.78	330	279408	81.86	ng	0.00
44) 2-Fluorobiphenyl	11.43	172	1940042	77.00	ng	0.00
78) Terphenyl-d14	17.22	244	1891133	83.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.94	88	228341	39.57	ng	# 75
3) Pyridine	2.55	79	501054	39.72	ng	# 67
4) n-Nitrosodimethylamine	2.52	42	417253	42.92	ng	# 48
6) Aniline	7.12	93	774197	40.50	ng	94
8) 2-Chlorophenol	7.29	128	544439	39.92	ng	86
9) Benzaldehyde	6.94	77	293028	35.92	ng	98
10) Phenol	7.18	94	569056	35.26	ng	75
11) bis(2-Chloroethyl)ether	7.26	93	525895	40.26	ng	85
12) 1,3-Dichlorobenzene	7.52	146	589963	39.66	ng	96
13) 1,4-Dichlorobenzene	7.64	146	601979	39.42	ng	96
14) 1,2-Dichlorobenzene	7.87	146	550416	38.96	ng	97
15) Benzyl Alcohol	7.91	79	441346	40.96	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.10	45	1152083	39.20	ng	90
17) 2-Methylphenol	8.12	107	431291	39.46	ng	# 89
18) Hexachloroethane	8.39	117	224751	39.45	ng	100
19) n-Nitroso-di-n-propylamine	8.34	70	434737	39.45	ng	# 72
20) 3+4-Methylphenols	8.38	107	546495	41.36	ng	# 59
22) Acetophenone	8.31	105	754979	40.03	ng	# 98
24) Nitrobenzene	8.57	77	671267	40.60	ng	96
25) Isophorone	8.96	82	1127637	40.14	ng	99
26) 2-Nitrophenol	9.07	139	286680	42.42	ng	# 92
27) 2,4-Dimethylphenol	9.21	122	481824	41.07	ng	90
28) bis(2-Chloroethoxy)methane	9.34	93	623298	39.39	ng	98
29) 2,4-Dichlorophenol	9.47	162	433262	40.98	ng	97
30) 1,2,4-Trichlorobenzene	9.58	180	487312	40.26	ng	97
31) Naphthalene	9.68	128	1523317	38.51	ng	99
32) Benzoic acid	9.55	122	224129	38.42	ng	# 78
33) 4-Chloroaniline	9.82	127	562930	38.64	ng	# 90
34) Hexachlorobutadiene	9.90	225	295616	40.18	ng	98
35) Caprolactam	10.49	113	131517m	42.62	ng	
36) 4-Chloro-3-methylphenol	10.68	107	496770	41.56	ng	93
37) 2-Methylnaphthalene	10.81	142	973844	39.41	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.08	216	456152	40.12	ng	99
40) Hexachlorocyclopentadiene	11.05	237	158105	39.25	ng	95

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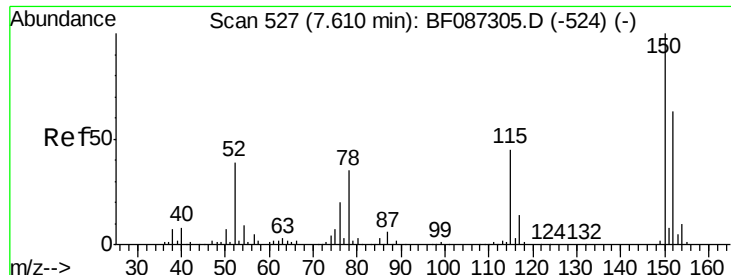
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.30	196	274587	41.84	ng	96
43) 2,4,5-Trichlorophenol	11.38	196	273457	40.92	ng #	90
45) 1,1'-Biphenyl	11.58	154	1148431	38.40	ng	96
46) 2-Chloronaphthalene	11.60	162	904416	39.53	ng	97
47) 2-Nitroaniline	11.80	65	344553	41.80	ng #	77
48) Acenaphthylene	12.25	152	1428039	39.42	ng	99
49) Dimethylphthalate	12.14	163	1140205	40.07	ng	99
50) 2,6-Dinitrotoluene	12.23	165	231499	40.38	ng #	88
51) Acenaphthene	12.54	154	858820	38.58	ng	98
52) 3-Nitroaniline	12.49	138	231891	39.41	ng #	78
53) 2,4-Dinitrophenol	12.70	184	108234	40.41	ng	86
54) Dibenzofuran	12.82	168	1169848	38.81	ng	96
55) 4-Nitrophenol	12.87	139	119216	42.47	ng #	55
56) 2,4-Dinitrotoluene	12.88	165	317830	41.48	ng #	88
57) Fluorene	13.37	166	1033641	39.54	ng	99
58) 2,3,4,6-Tetrachlorophenol	13.05	232	221609	43.10	ng	99
59) Diethylphthalate	13.28	149	1074148	38.83	ng	99
60) 4-Chlorophenyl-phenylether	13.41	204	512132	40.18	ng	88
61) 4-Nitroaniline	13.51	138	229790	41.84	ng #	74
62) Azobenzene	13.66	77	1173949	40.91	ng	87
64) 4,6-Dinitro-2-methylphenol	13.55	198	180374	42.72	ng #	75
65) n-Nitrosodiphenylamine	13.62	169	862979	40.18	ng	100
66) 4-Bromophenyl-phenylether	14.18	248	288192	39.67	ng	95
67) Hexachlorobenzene	14.26	284	302134	39.76	ng #	83
68) Atrazine	14.54	200	276286	40.36	ng	94
69) Pentachlorophenol	14.62	266	86302	39.90	ng	96
70) Phenanthrene	14.93	178	1433634	38.97	ng	100
71) Anthracene	15.01	178	1452790	39.10	ng	99
72) Carbazole	15.29	167	1273205	40.17	ng	99
73) Di-n-butylphthalate	15.86	149	1669904	40.74	ng	99
74) Fluoranthene	16.66	202	1435668	38.92	ng	98
76) Benzidine	16.89	184	491481	39.55	ng	99
77) Pyrene	16.97	202	1418539	40.80	ng	100
79) Butylbenzylphthalate	17.87	149	634590	41.16	ng #	69
80) Benzo(a)anthracene	18.55	228	1068257	38.88	ng	99
81) 3,3'-Dichlorobenzidine	18.54	252	604915	39.86	ng	98
82) Chrysene	18.59	228	1061061	38.92	ng	99
83) Bis(2-ethylhexyl)phthalate	18.62	149	926513	41.18	ng #	96
84) Di-n-octyl phthalate	19.39	149	1457778	42.49	ng #	87
85) Indeno(1,2,3-cd)pyrene	21.49	276	892044	40.81	ng	95
87) Benzo(b)fluoranthene	19.82	252	841406m	34.70	ng	
88) Benzo(k)fluoranthene	19.85	252	954820m	45.75	ng	
89) Benzo(a)pyrene	20.17	252	841752	40.14	ng	98
90) Dibenzo(a,h)anthracene	21.50	278	748813	41.87	ng #	95
91) Benzo(g,h,i)perylene	21.85	276	748721	42.43	ng	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.61 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Instrument :

BNA_F

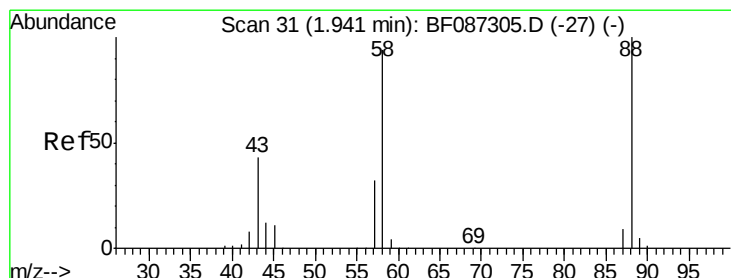
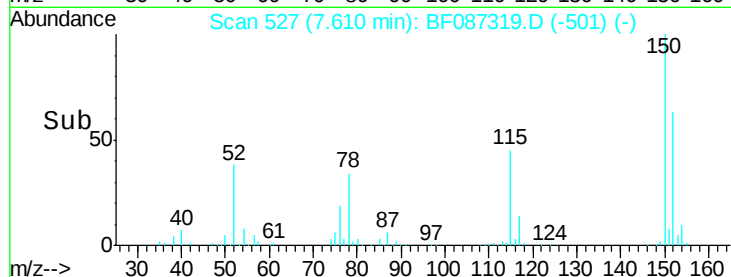
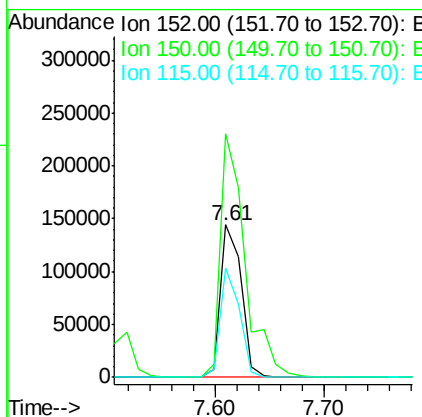
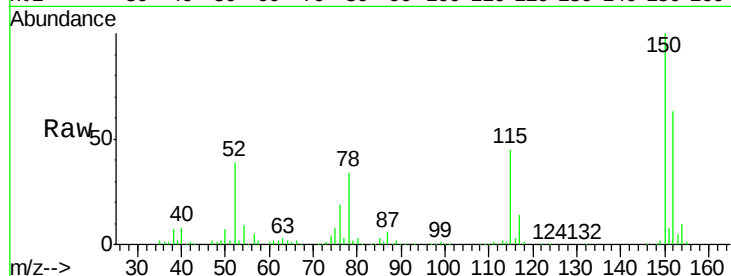
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	152	Resp:	192171
Ion Ratio	Lower	Upper	
152	100		
150	159.5	125.8	188.6
115	71.4	51.5	77.3

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#2

1,4-Dioxane

Concen: 39.57 ng

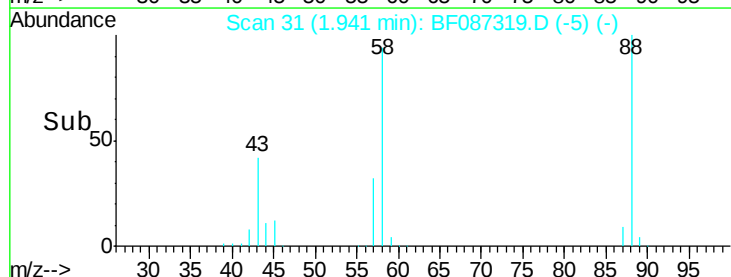
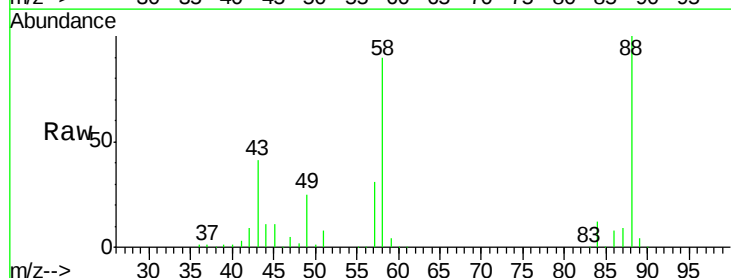
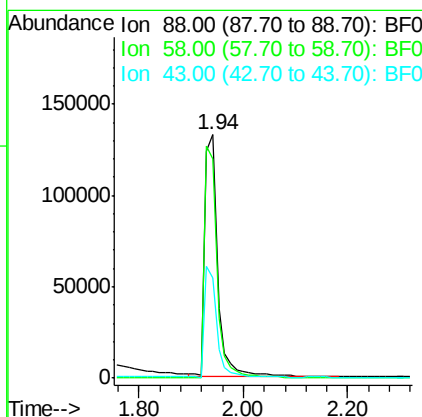
RT: 1.94 min Scan# 31

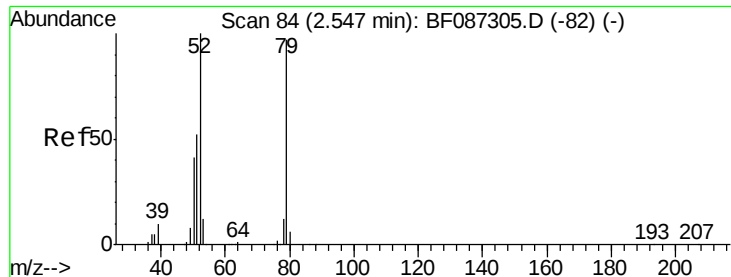
Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Tgt Ion:	88	Resp:	228341
Ion Ratio	Lower	Upper	
88	100		
58	93.7	59.6	89.4#
43	42.9	21.8	32.6#





#3

Pyridine

Concen: 39.72 ng

RT: 2.55 min Scan# 84

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Instrument :

BNA_F

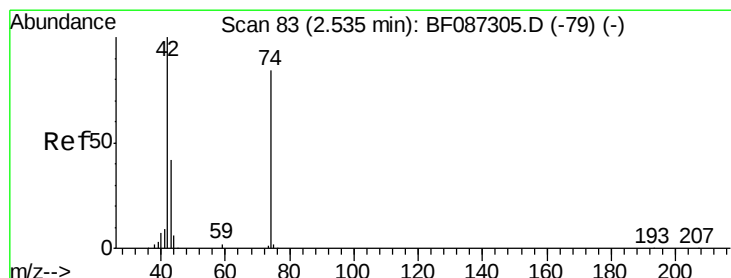
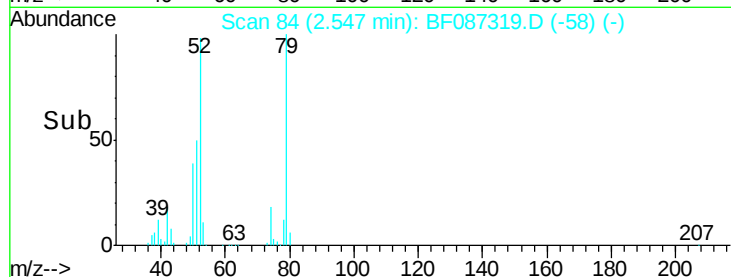
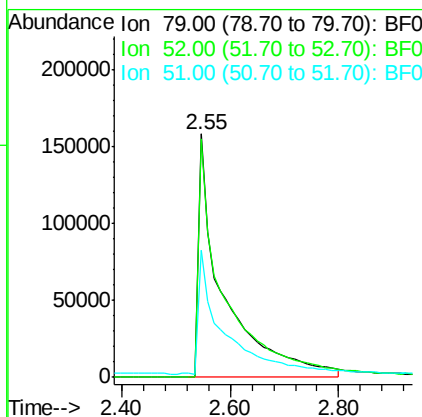
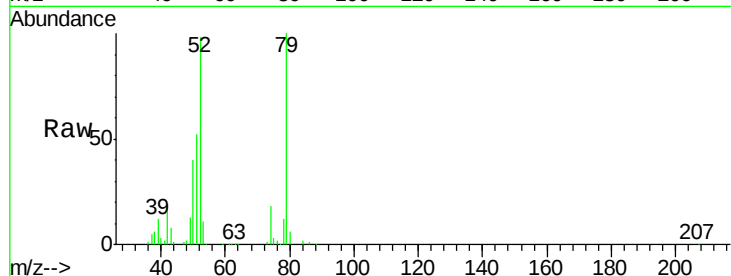
ClientSampleId :

SSTDCCC040EC

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Tgt Ion:	79	Resp:	501054
Ion Ratio	Lower	Upper	
79	100		
52	97.9	55.9	83.9#
51	52.2	28.1	42.1#



#4

n-Nitrosodimethylamine

Concen: 42.92 ng

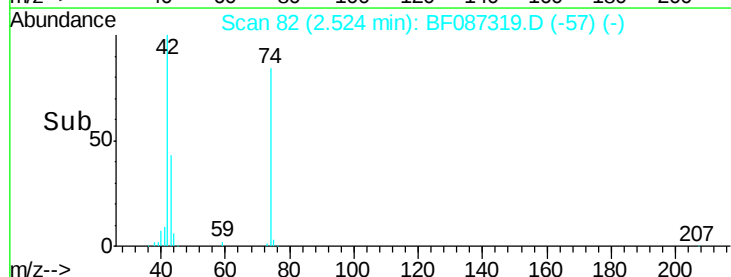
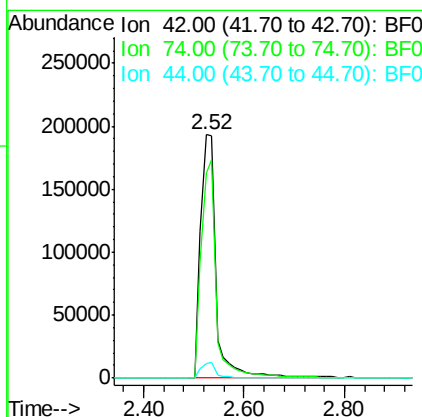
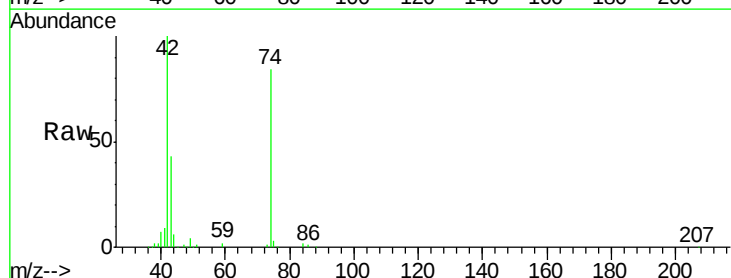
RT: 2.52 min Scan# 82

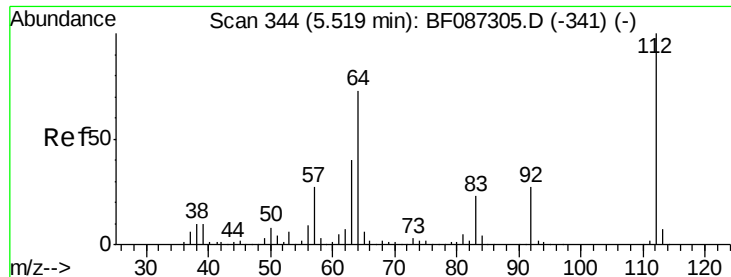
Delta R.T. -0.01 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Tgt Ion:	42	Resp:	417253
Ion Ratio	Lower	Upper	
42	100		
74	84.1	123.4	185.0#
44	6.1	5.8	8.6





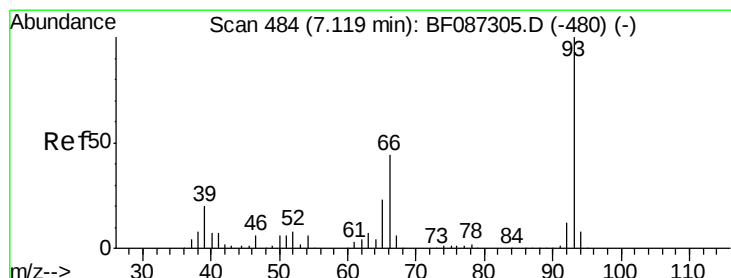
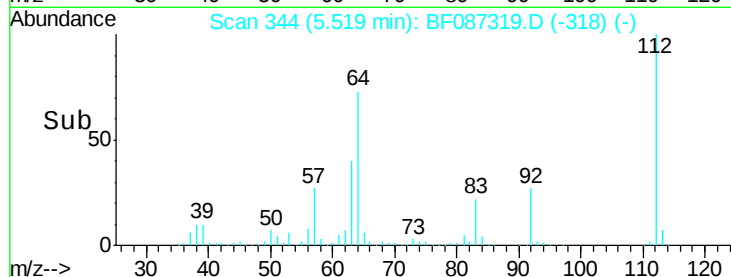
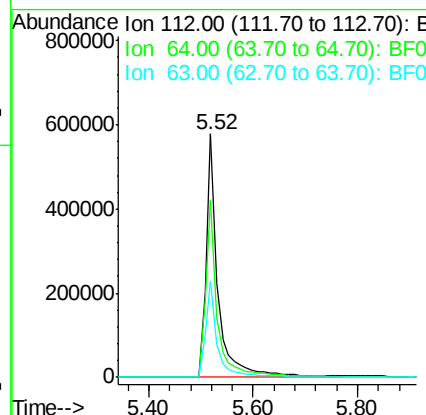
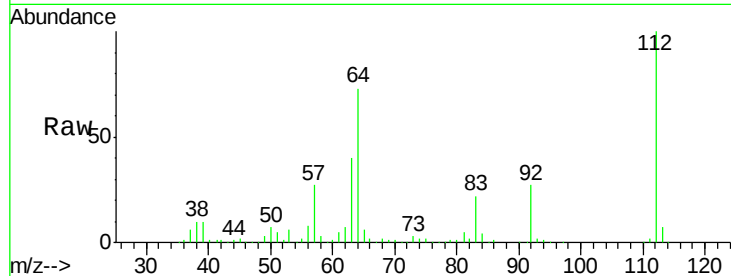
#5
2-Fluorophenol
Concen: 84.50 ng
RT: 5.52 min Scan# 344
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	72.7	52.1	78.1
63	39.6	25.7	38.5

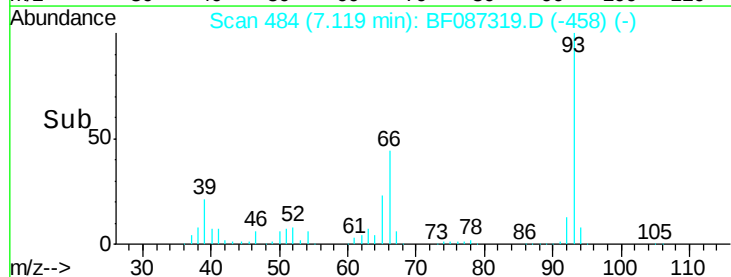
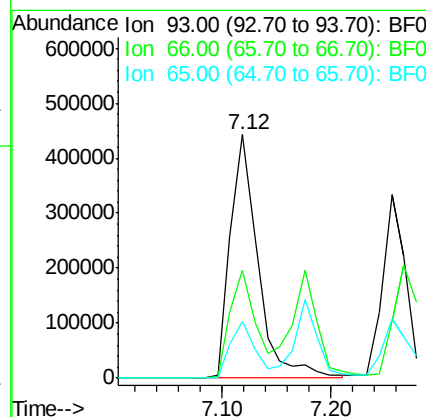
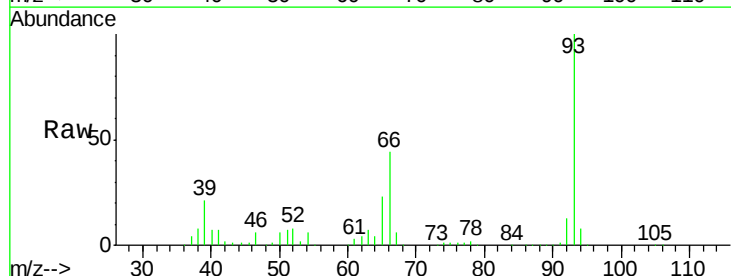
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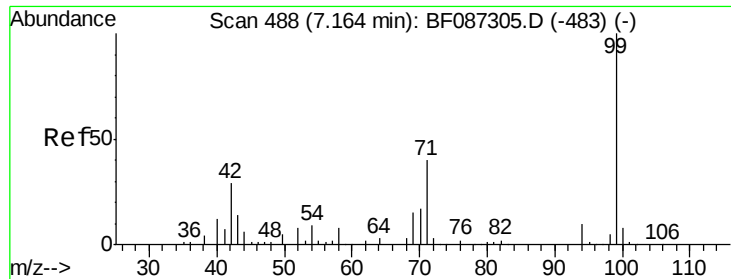
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#6
Aniline
Concen: 40.50 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	44.4	39.0	58.6
65	23.2	20.6	31.0





#7

Phenol-d6

Concen: 80.25 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 99 Resp: 1185859

Ion Ratio Lower Upper

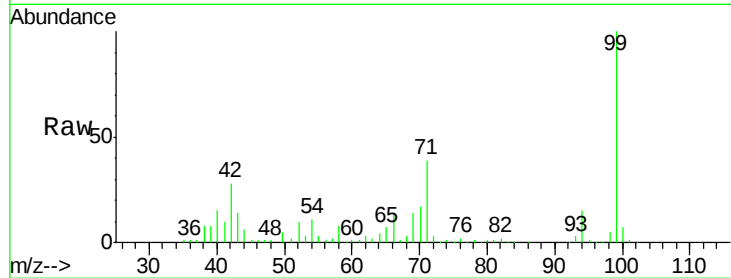
99 100

42 28.5 13.6 20.4#

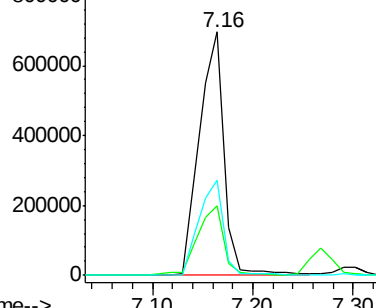
71 39.2 24.6 36.8#

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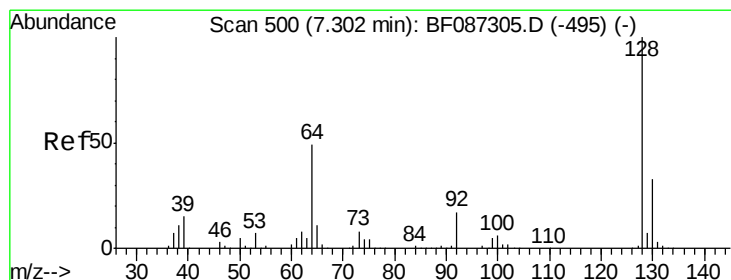
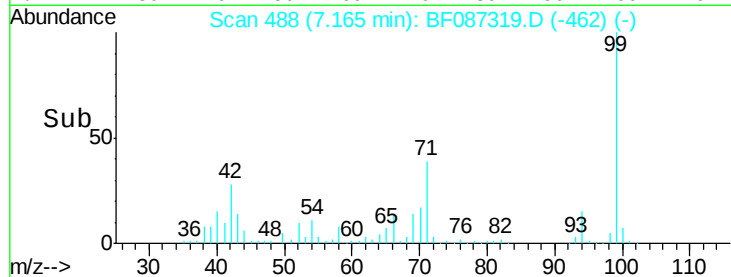
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



Time-->



#8

2-Chlorophenol

Concen: 39.92 ng

RT: 7.29 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

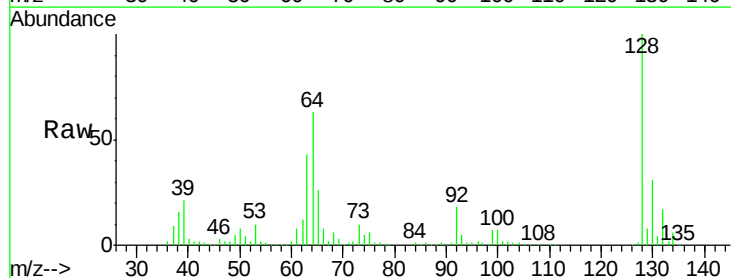
Tgt Ion: 128 Resp: 544439

Ion Ratio Lower Upper

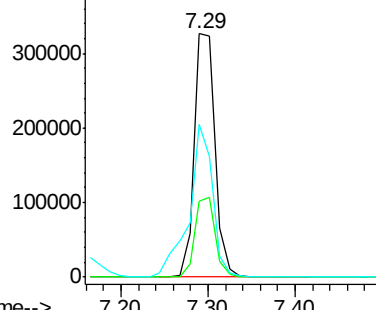
128 100

130 31.4 12.5 52.5

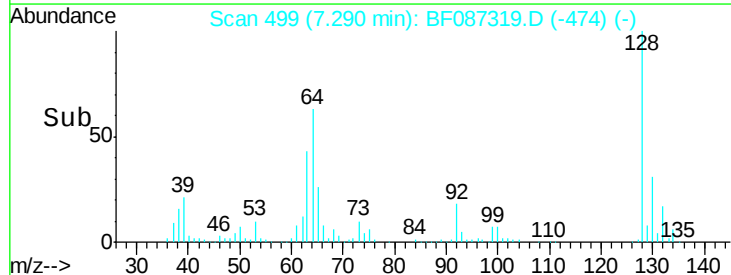
64 62.7 27.3 67.3

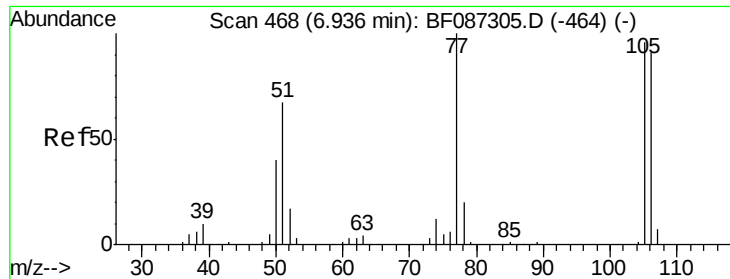


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0



Time-->





#9

Benzaldehyde

Concen: 35.92 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF087319.D

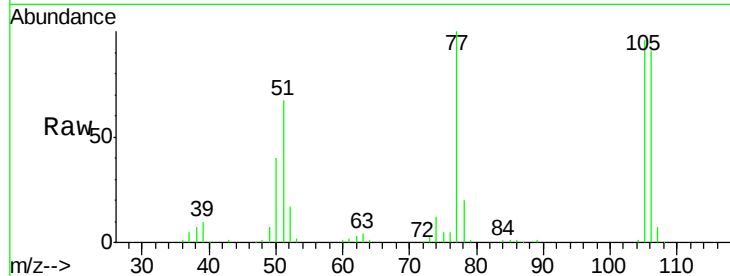
Acq: 24 May 2016 1:40

Instrument :

BNA_F

ClientSampleId :

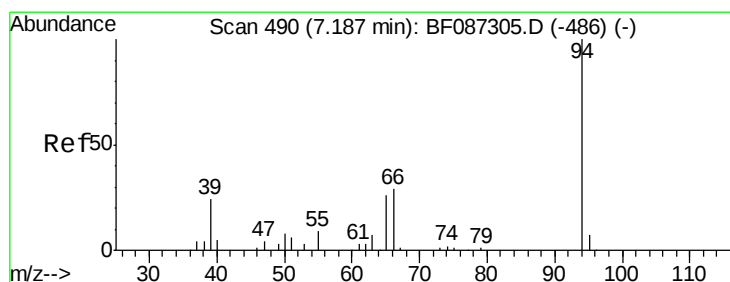
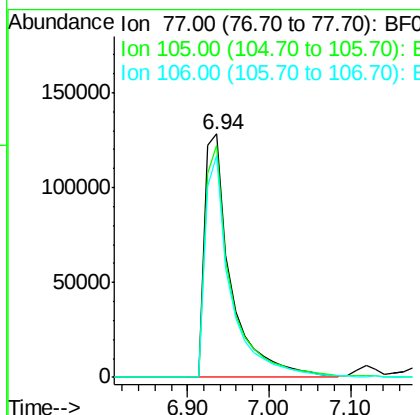
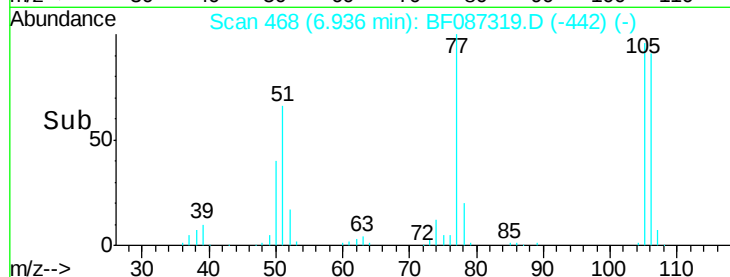
SSTDCCC040EC



Tgt Ion:	77	Resp:	293028
Ion	Ratio	Lower	Upper
77	100		
105	95.6	72.7	112.7
106	91.1	70.8	110.8

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#10

Phenol

Concen: 35.26 ng

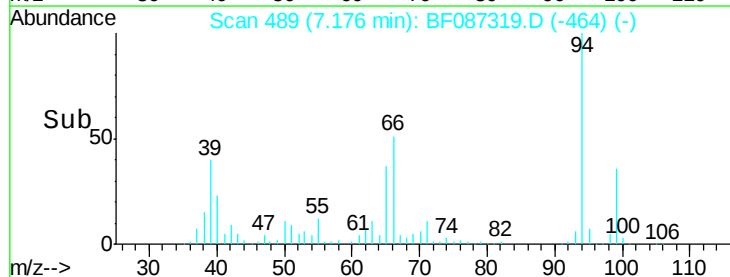
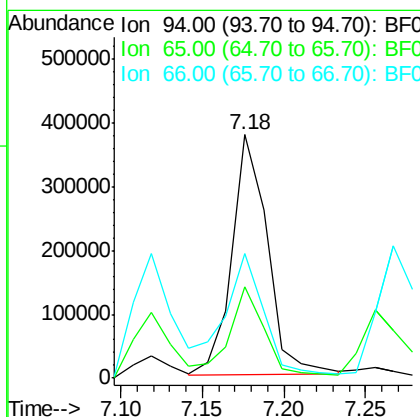
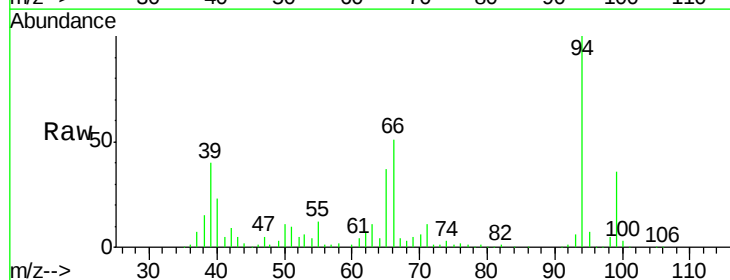
RT: 7.18 min Scan# 489

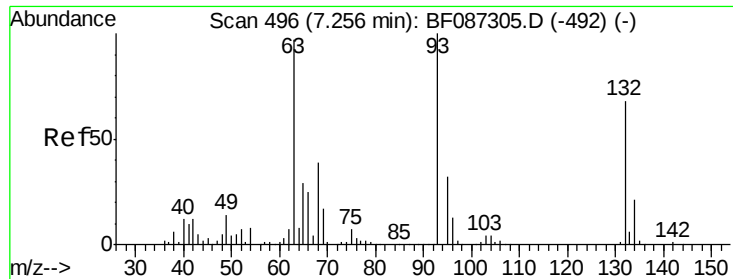
Delta R.T. -0.01 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Tgt Ion:	94	Resp:	569056
Ion	Ratio	Lower	Upper
94	100		
65	37.4	7.2	47.2
66	51.3	14.9	54.9





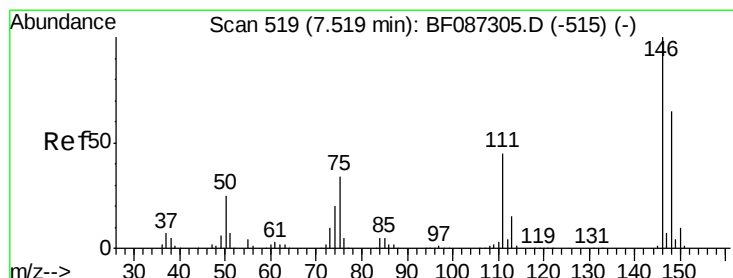
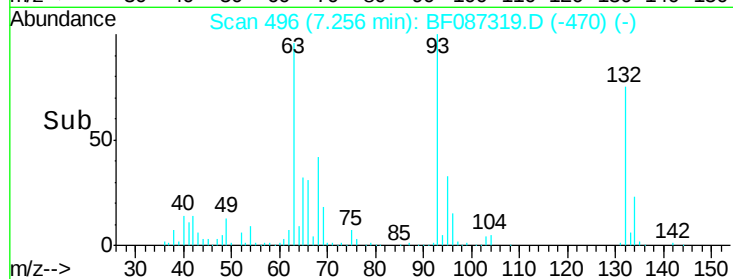
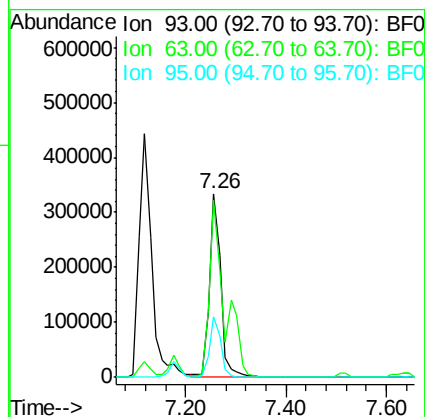
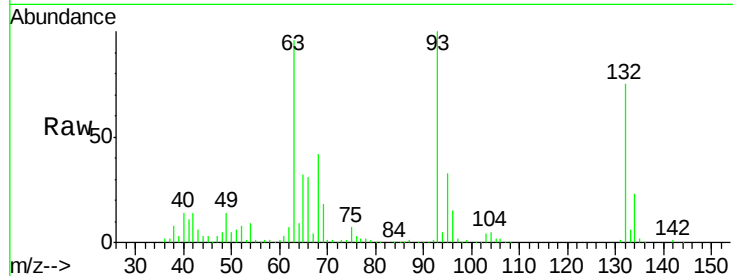
#11
bis(2-Chloroethyl)ether
Concen: 40.26 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	96.2	58.0	98.0
95	32.7	11.9	51.9

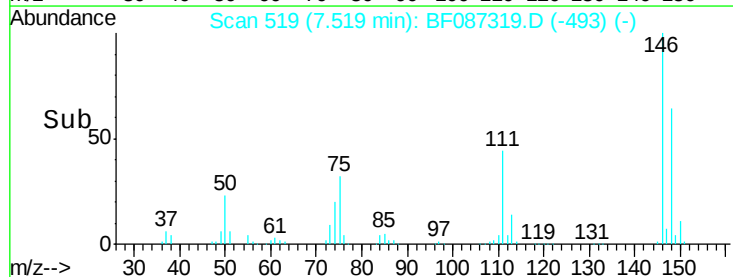
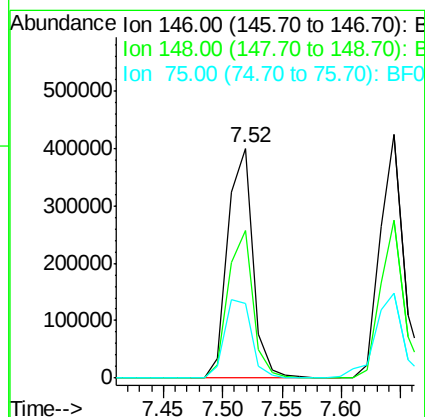
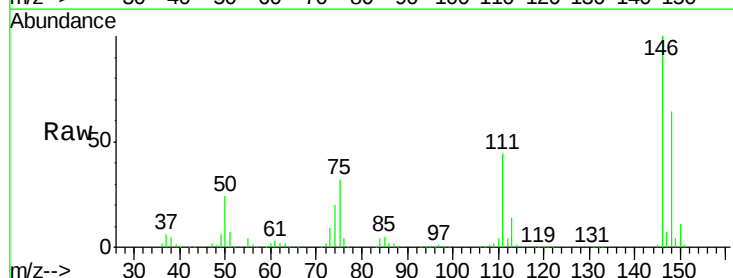
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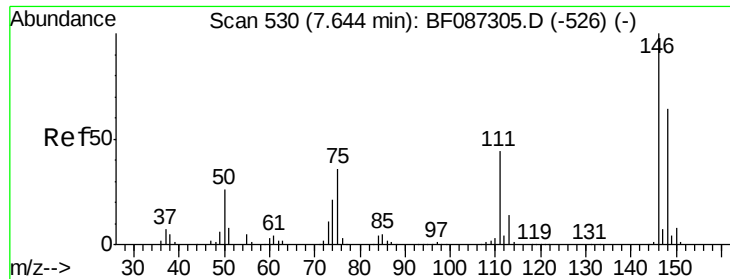
umangi
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#12
1,3-Dichlorobenzene
Concen: 39.66 ng
RT: 7.52 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	64.0	52.4	78.6
75	32.4	22.8	34.2





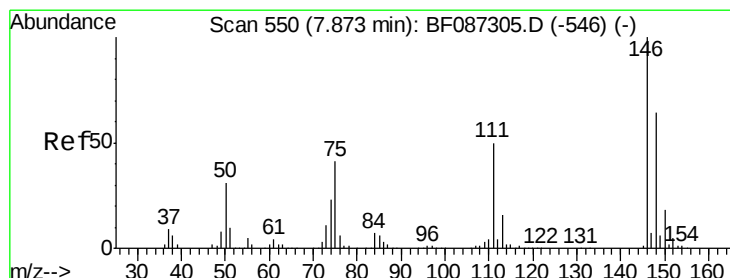
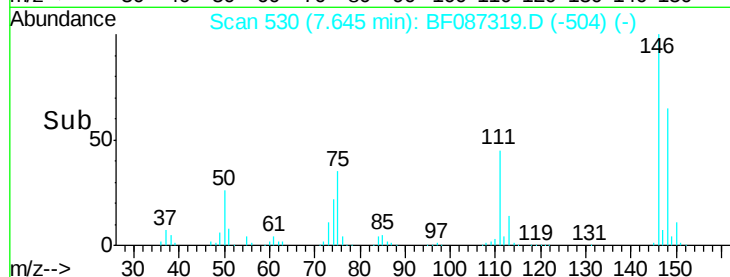
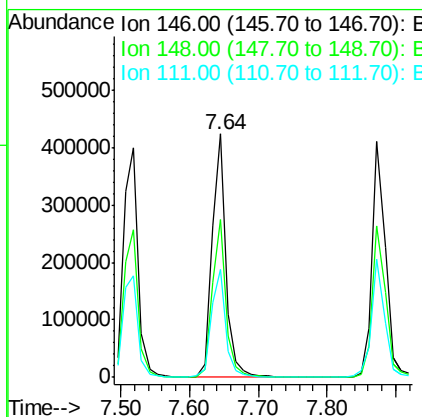
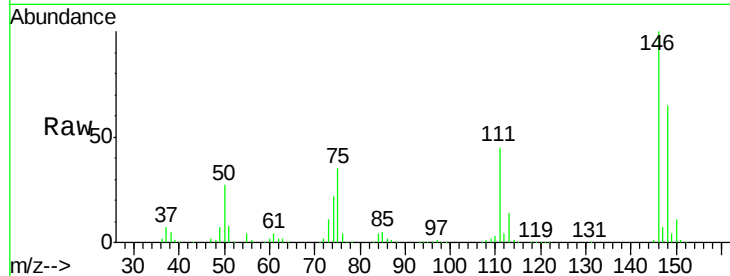
#13
 1,4-Dichlorobenzene
 Concen: 39.42 ng
 RT: 7.64 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.2	78.4
111	44.6	30.7	46.1

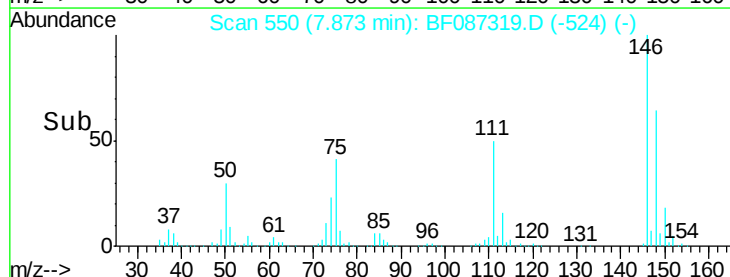
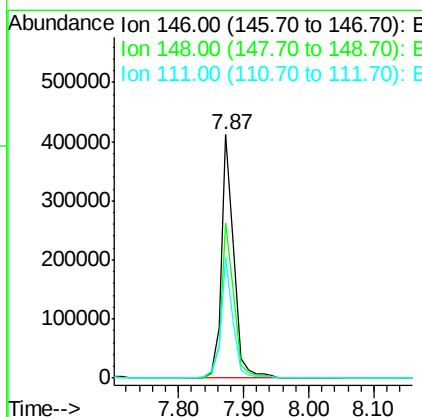
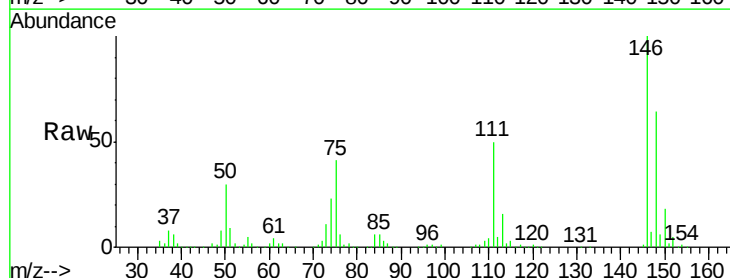
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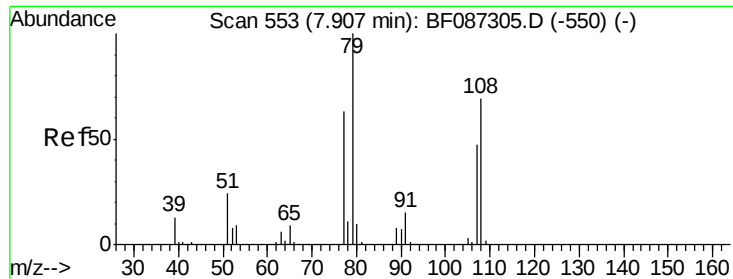
umangi
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#14
 1,2-Dichlorobenzene
 Concen: 38.96 ng
 RT: 7.87 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.0	76.6
111	49.8	36.2	54.4





#15

Benzyl Alcohol

Concen: 40.96 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Instrument :

BNA_F

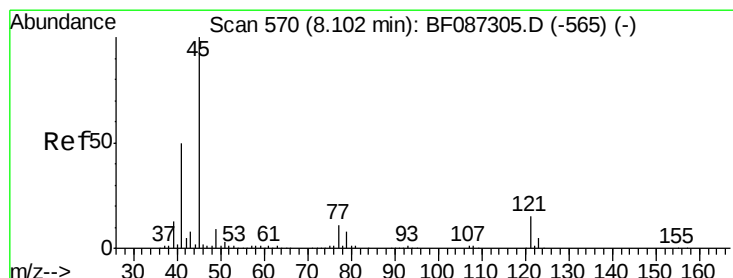
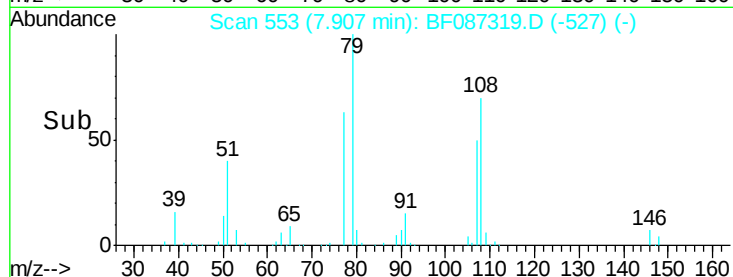
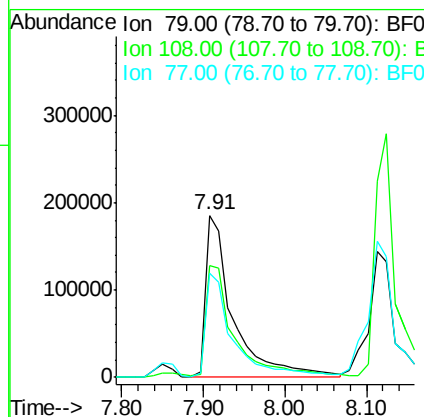
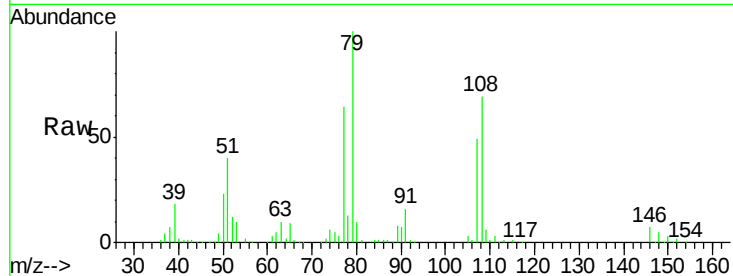
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	79	Resp:	441346
Ion Ratio	Lower	Upper	
79	100		
108	68.7	68.4	102.6
77	64.4	50.6	76.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.20 ng

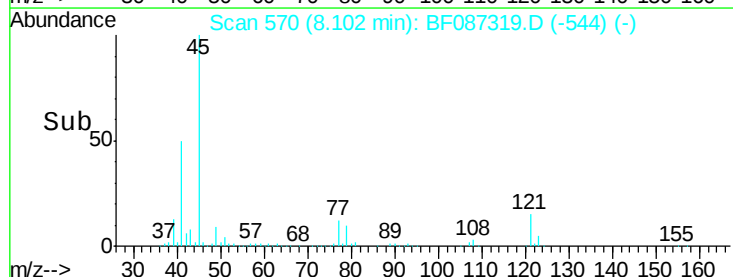
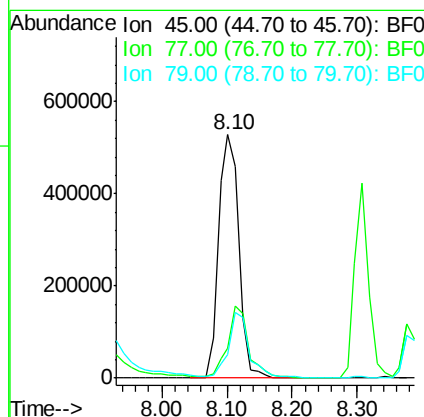
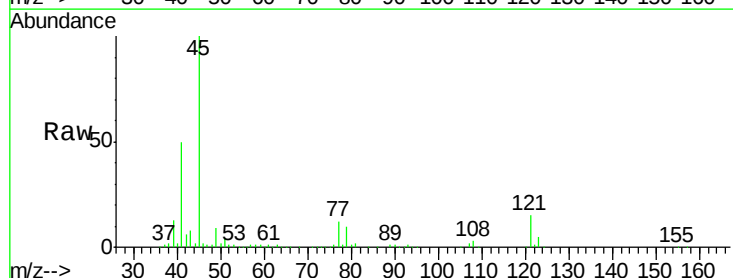
RT: 8.10 min Scan# 570

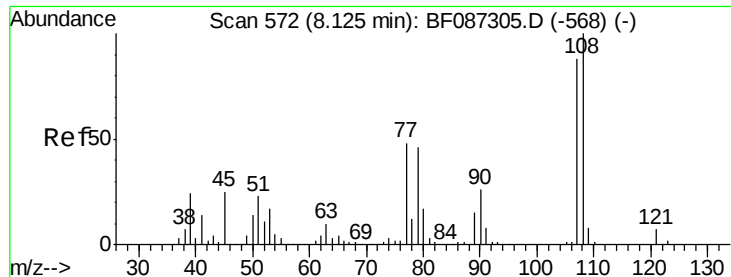
Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Tgt Ion:	45	Resp:	1152083
Ion Ratio	Lower	Upper	
45	100		
77	12.1	0.0	36.4
79	9.6	0.0	33.4





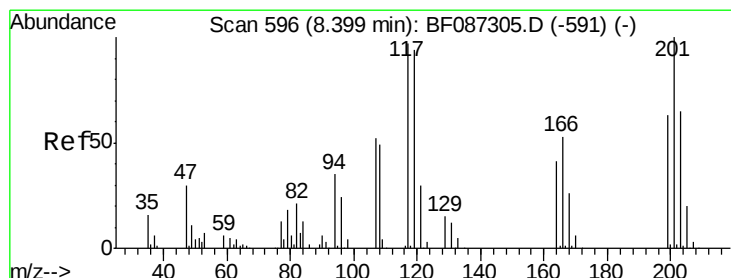
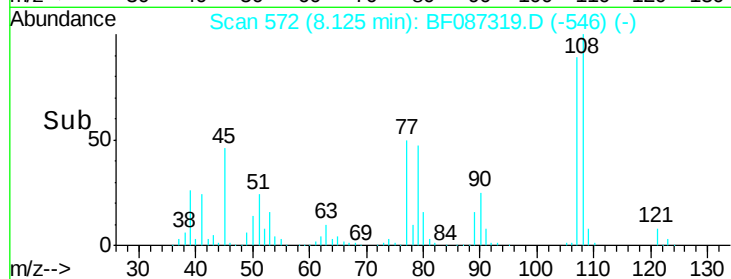
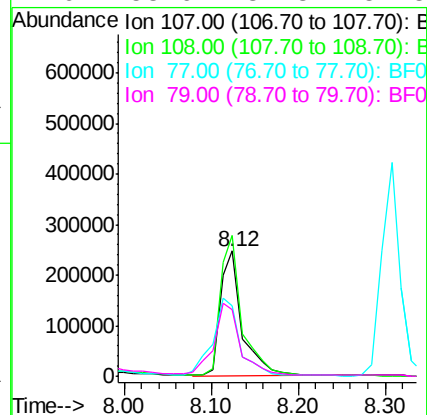
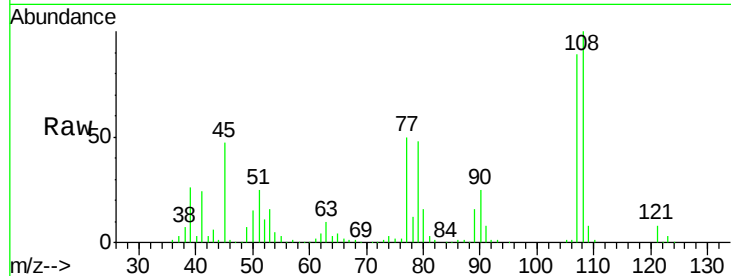
#17
2-Methylphenol
Concen: 39.46 ng
RT: 8.12 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	107	Resp:	431291
Ion Ratio	Lower	Upper	
107	100		
108	112.6	93.7	140.5
77	56.0	33.4	50.0#
79	53.6	34.3	51.5#

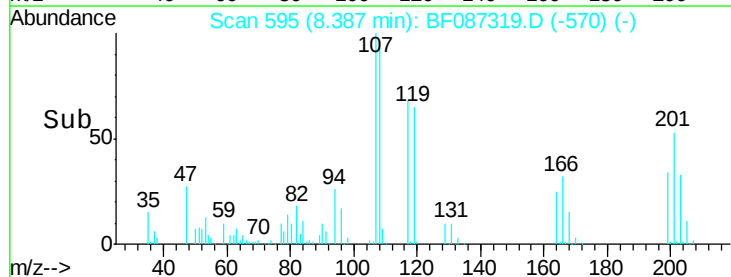
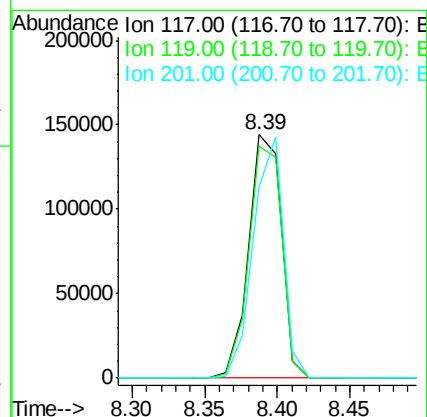
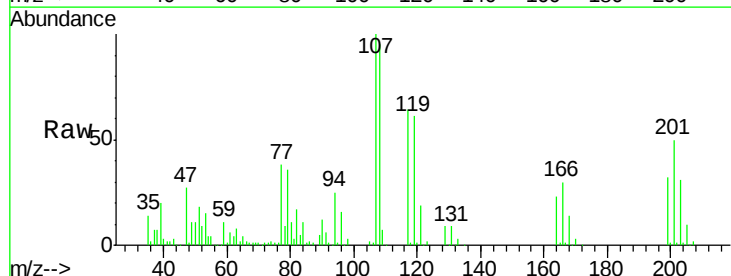
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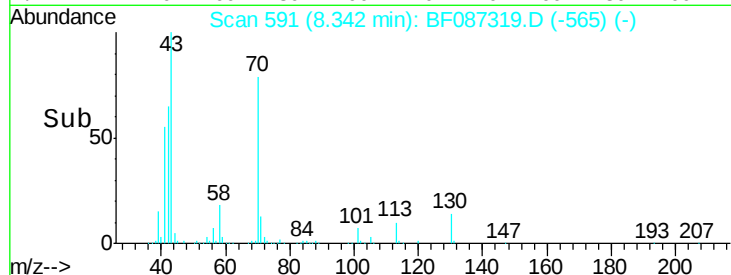
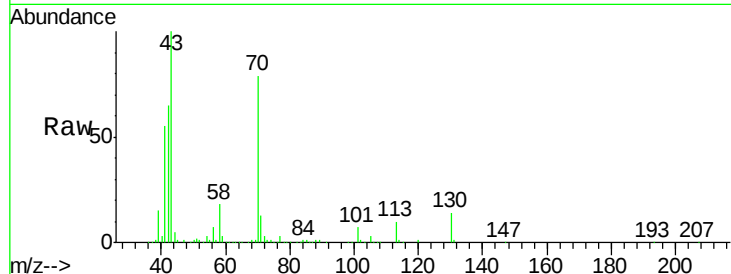
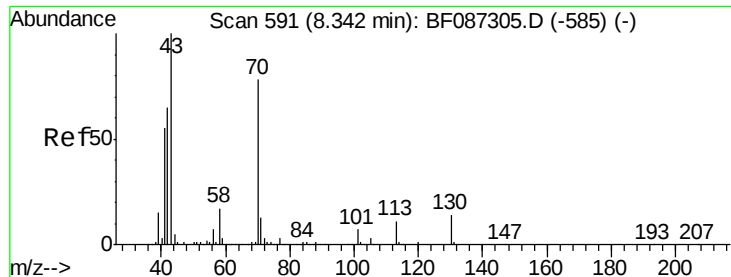
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#18
Hexachloroethane
Concen: 39.45 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Tgt Ion:	117	Resp:	224751
Ion Ratio	Lower	Upper	
117	100		
119	95.6	76.5	114.7
201	78.5	63.0	94.6





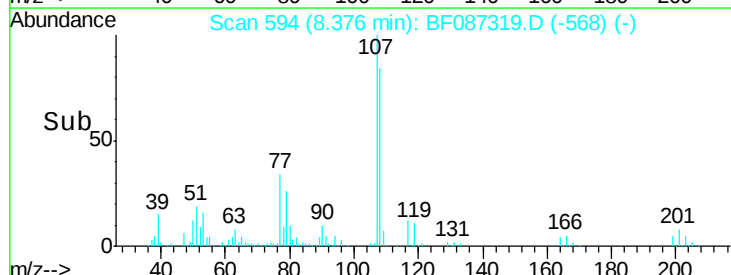
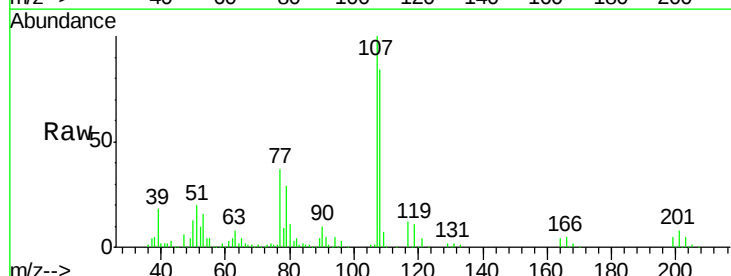
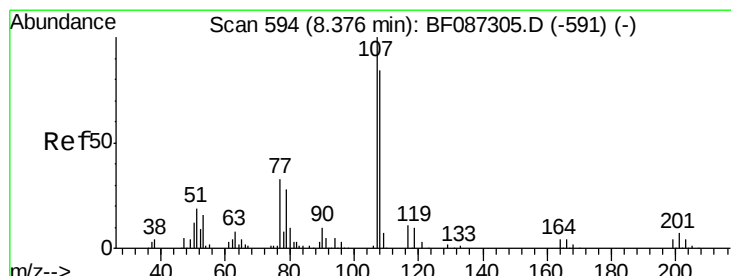
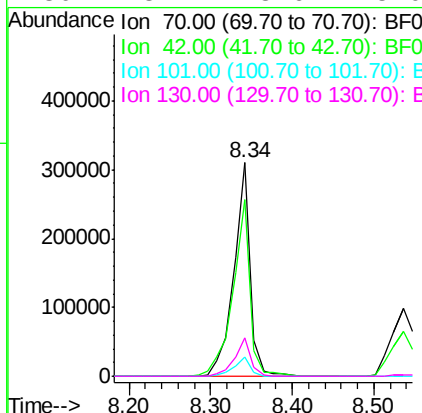
#19
n-Nitroso-di-n-propylamine
Concen: 39.45 ng
RT: 8.34 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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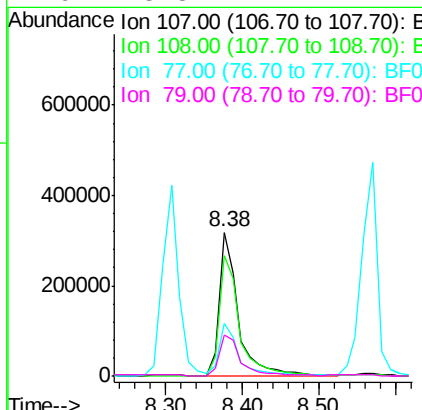
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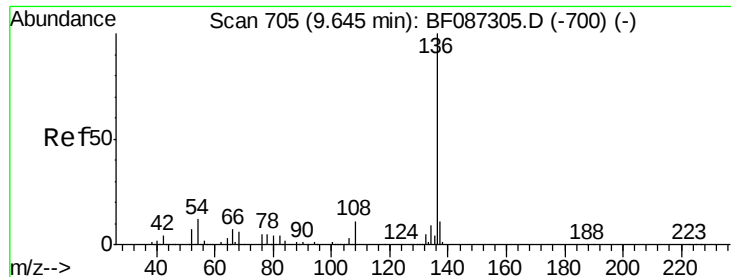
Tgt Ion	Ratio	Lower	Upper
70	100		
42	82.5	43.1	64.7#
101	8.9	8.1	12.1
130	18.1	18.6	28.0#



#20
3+4-Methylphenols
Concen: 41.36 ng
RT: 8.38 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	83.9	68.5	108.5
77	36.6	101.6	141.6#
79	28.8	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Instrument :

BNA_F

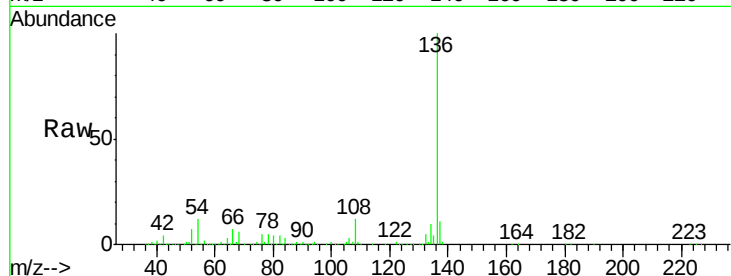
ClientSampleId :

SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.8	13.2
54	12.2	5.0	7.4#
68	6.1	4.4	6.6

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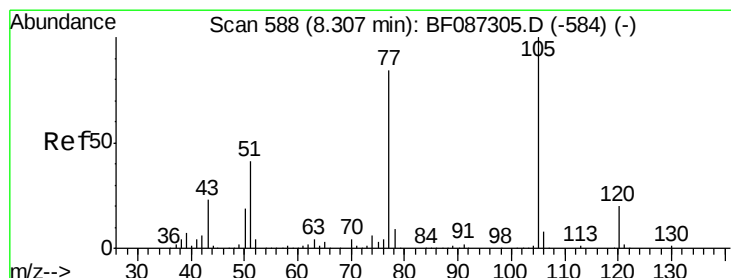
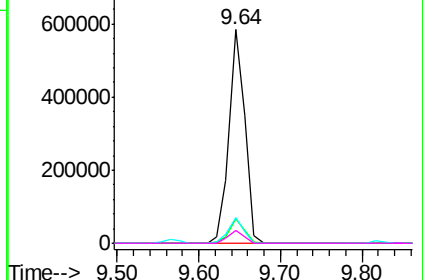
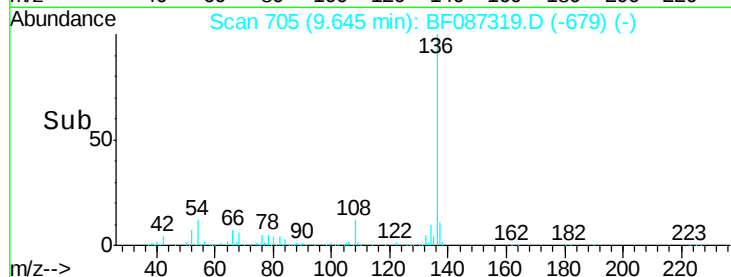


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.03 ng

RT: 8.31 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

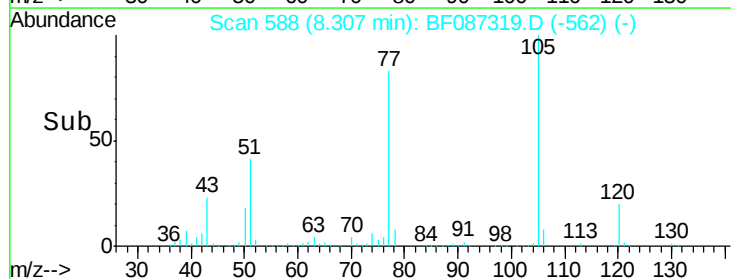
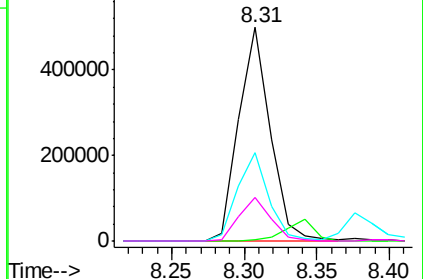
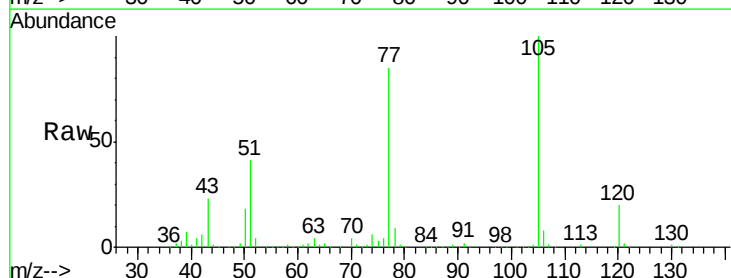
Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	0.8	4.8	7.2#
51	41.4	32.6	49.0
120	20.3	16.5	24.7

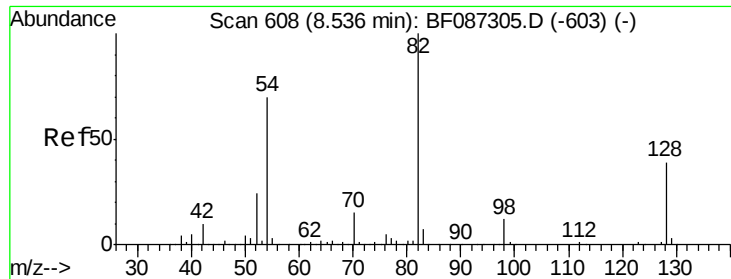
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





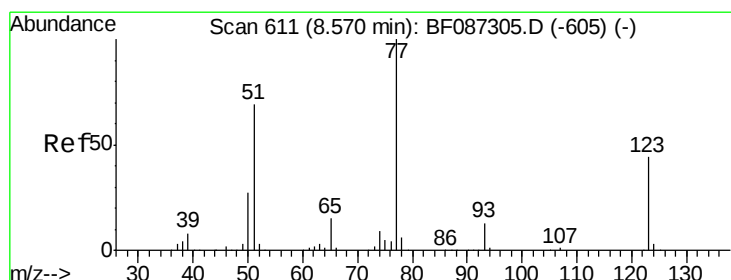
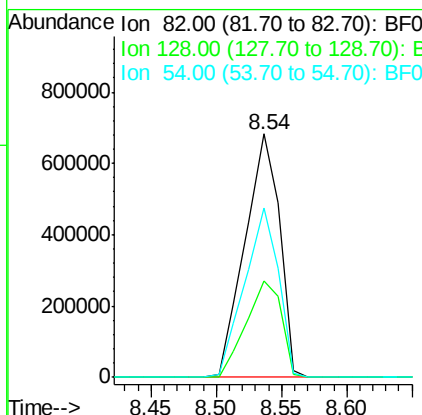
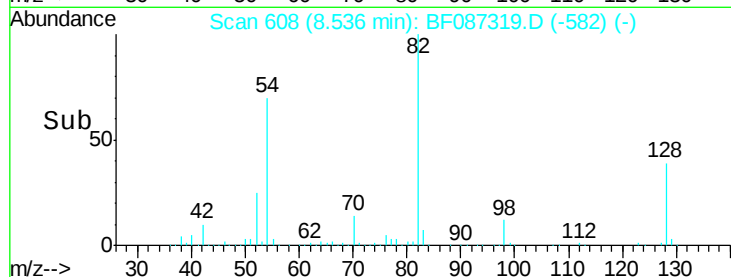
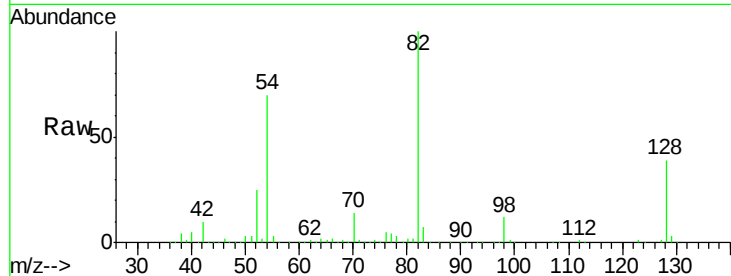
#23
Nitrobenzene-d5
Concen: 80.79 ng
RT: 8.54 min Scan# 608
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 1265440
Ion Ratio Lower Upper
82 100
128 39.3 40.6 61.0#
54 69.7 38.1 57.1#

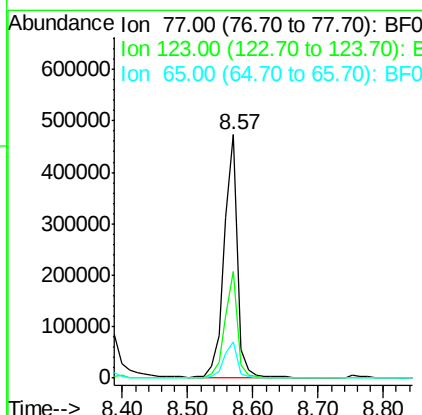
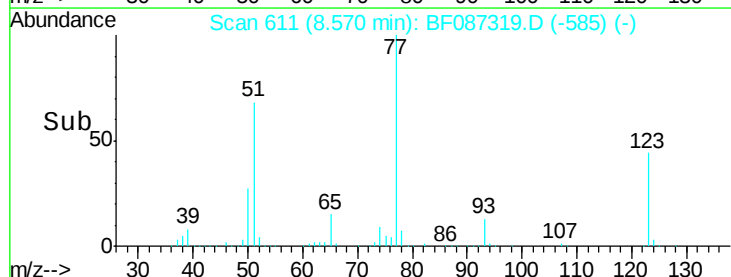
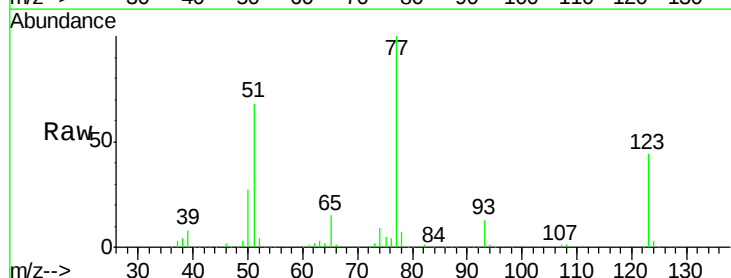
Manual Integrations
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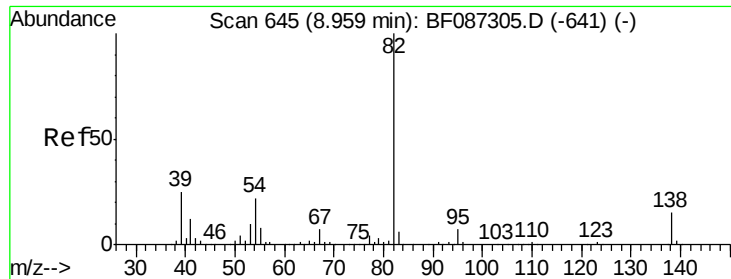
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#24
Nitrobenzene
Concen: 40.60 ng
RT: 8.57 min Scan# 611
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Tgt Ion: 77 Resp: 671267
Ion Ratio Lower Upper
77 100
123 43.8 33.0 49.4
65 15.0 10.8 16.2





#25

Isophorone

Concen: 40.14 ng

RT: 8.96 min Scan# 645

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 1127637

Ion Ratio Lower Upper

82 100

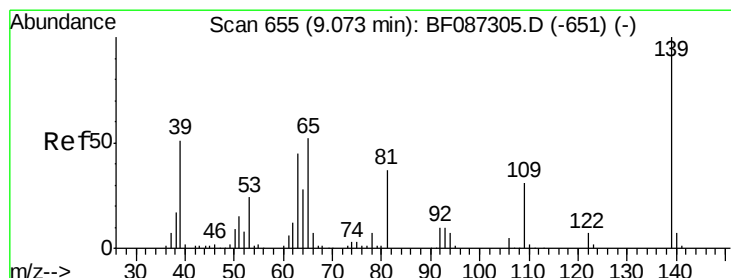
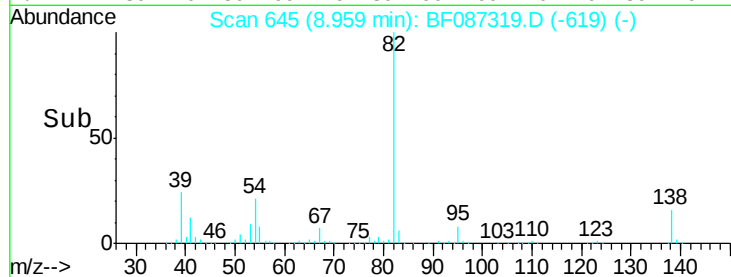
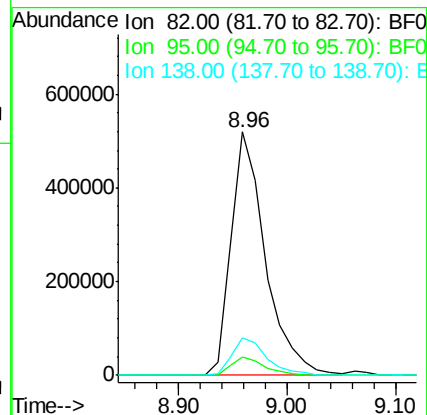
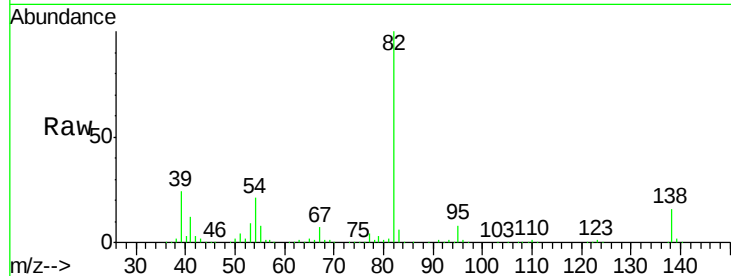
95 7.6 5.1 7.7

138 15.7 12.4 18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.42 ng

RT: 9.07 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

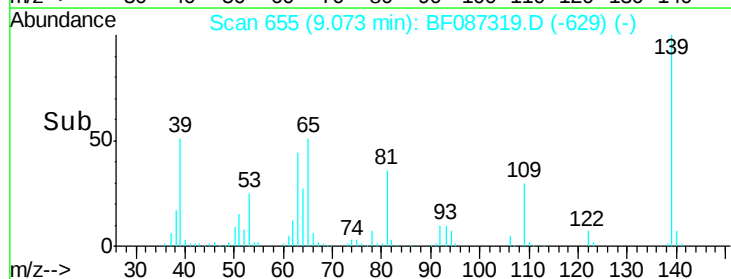
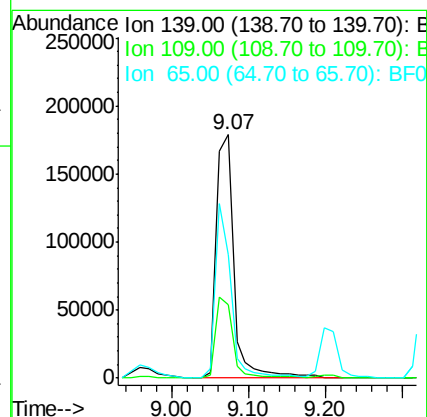
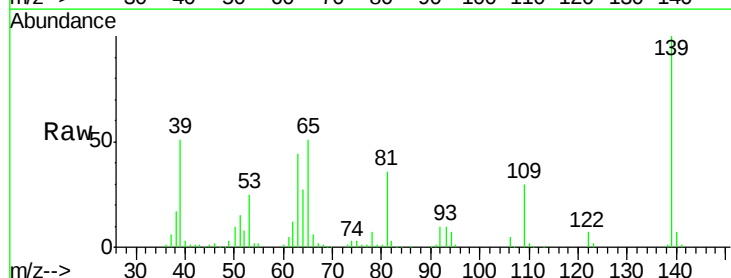
Tgt Ion: 139 Resp: 286680

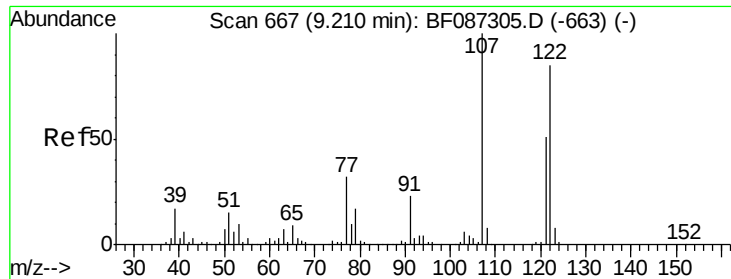
Ion Ratio Lower Upper

139 100

109 29.9 19.5 29.3#

65 50.9 37.5 56.3





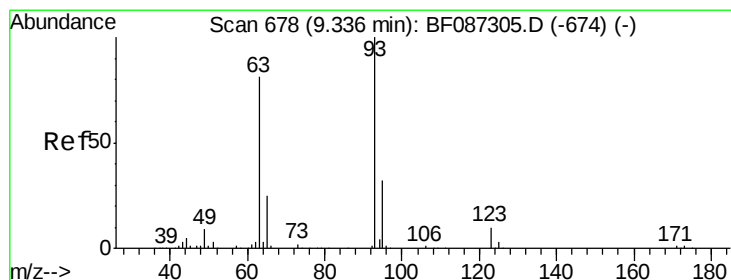
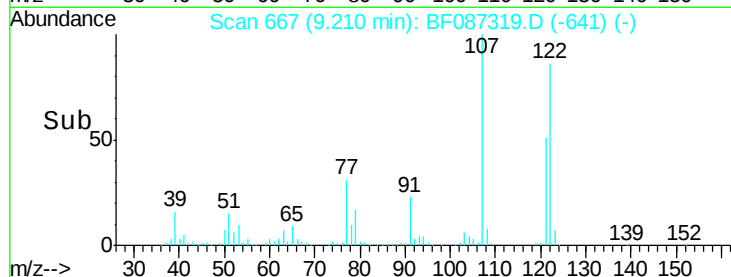
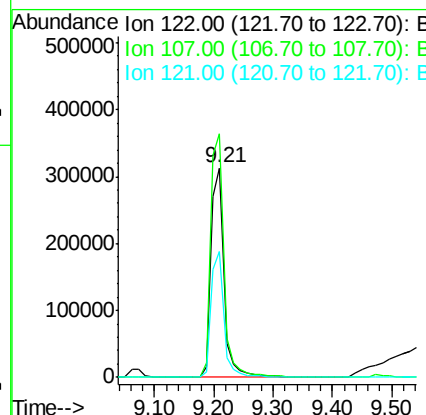
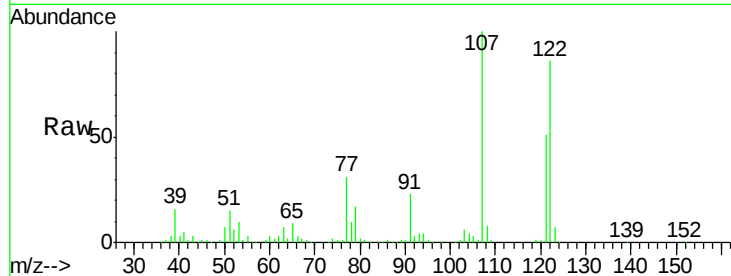
#27
2,4-Dimethylphenol
Concen: 41.07 ng
RT: 9.21 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	481824		
107	116.2	82.0	123.0	
121	59.8	46.1	69.1	

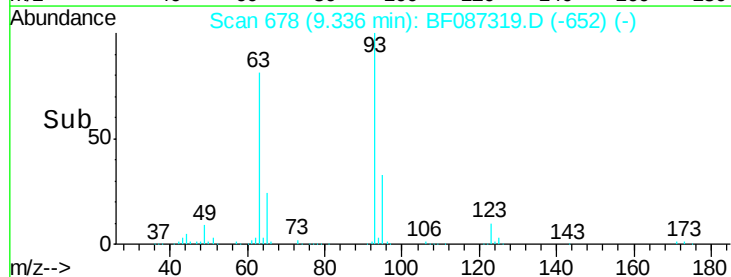
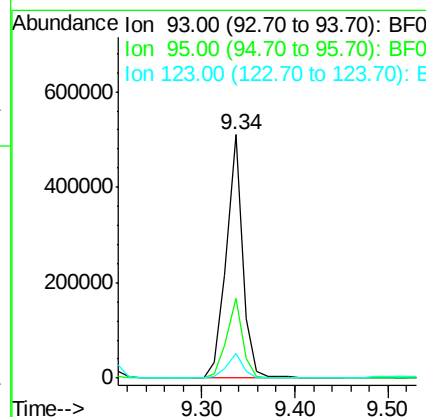
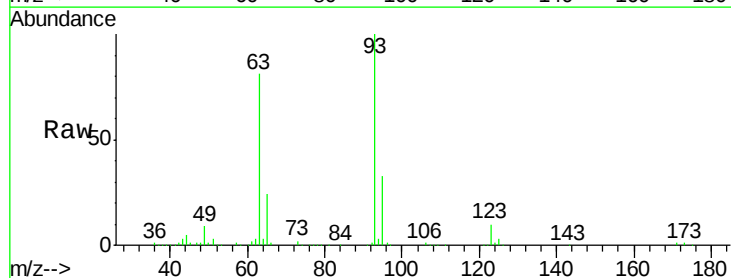
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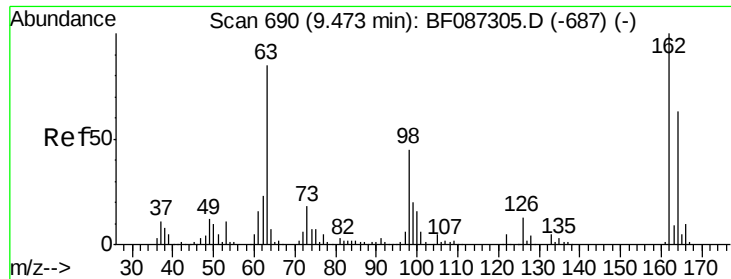
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#28
bis(2-Chloroethoxy)methane
Concen: 39.39 ng
RT: 9.34 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	623298		
95	32.8	26.0	39.0	
123	9.9	9.5	14.3	





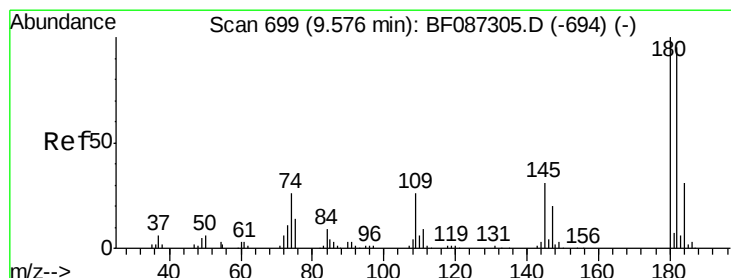
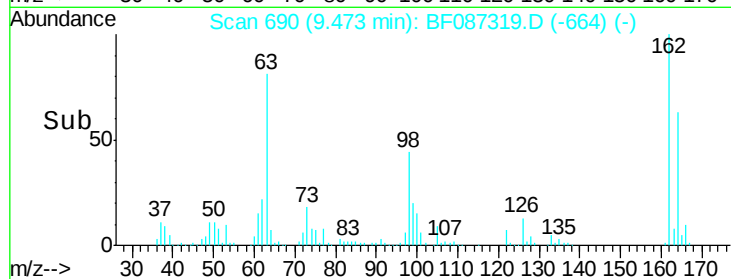
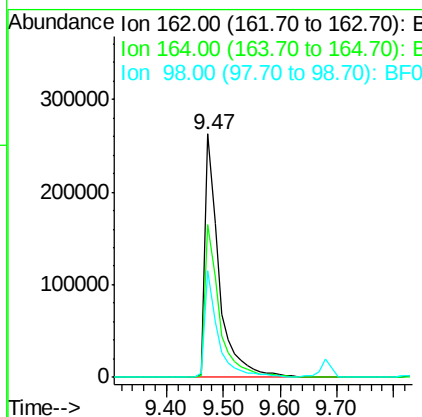
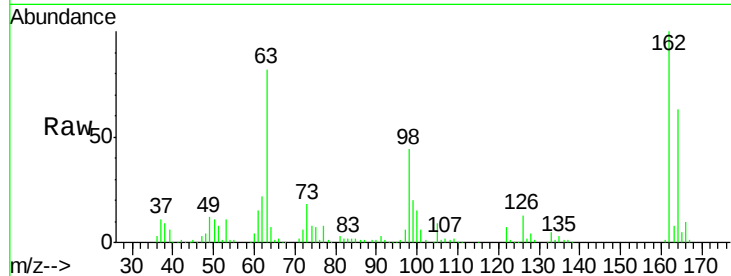
#29
 2,4-Dichlorophenol
 Concen: 40.98 ng
 RT: 9.47 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	433262		
164	62.6	42.2	82.2	
98	44.0	19.0	59.0	

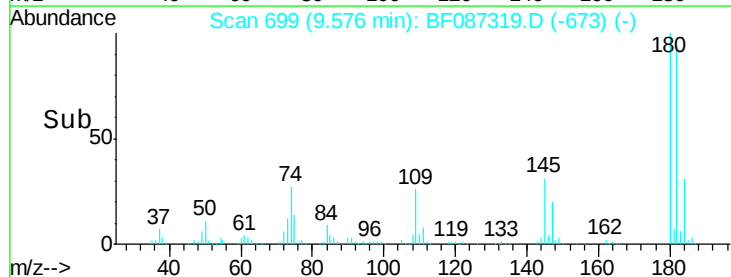
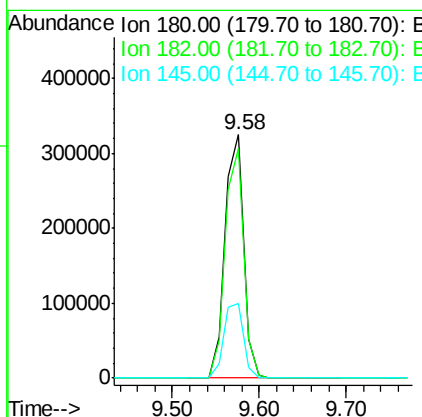
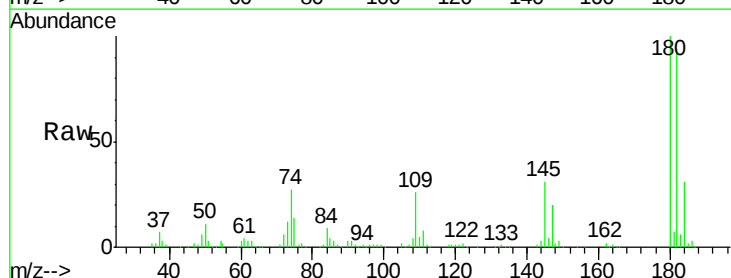
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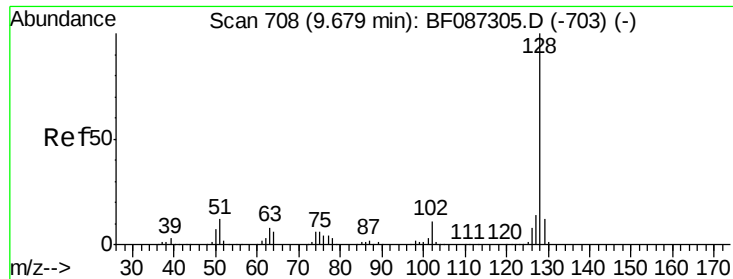
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.26 ng
 RT: 9.58 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	487312		
182	94.3	78.0	117.0	
145	30.7	24.2	36.2	





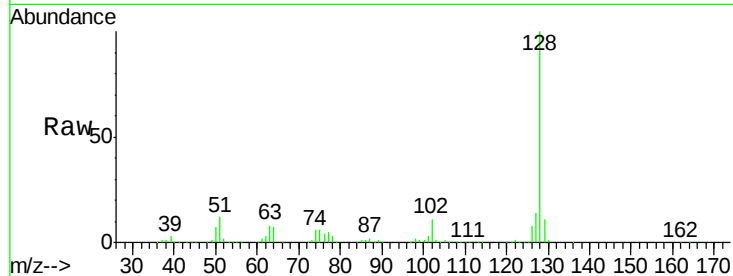
#31
Naphthalene
Concen: 38.51 ng
RT: 9.68 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

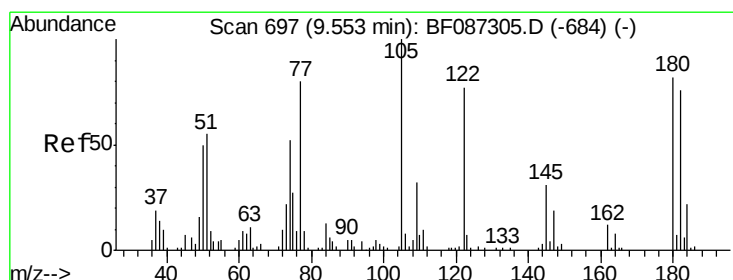
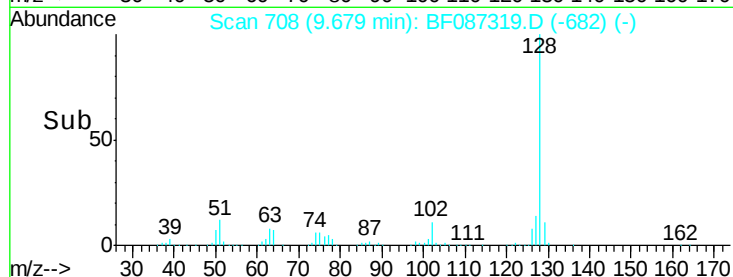
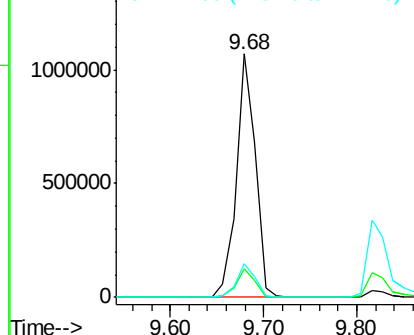
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	13.0
127	13.8	10.8	16.2

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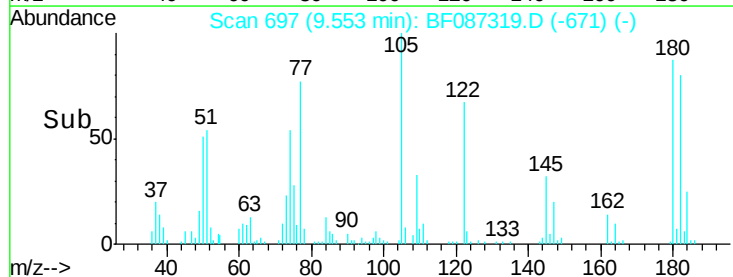
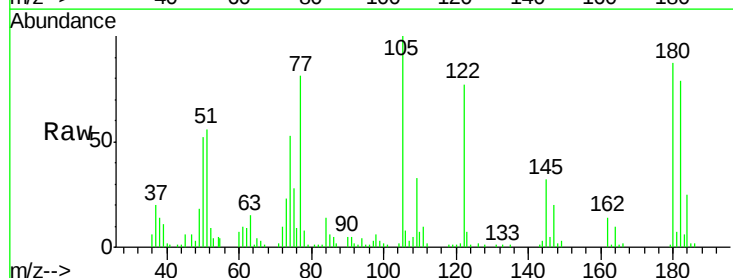
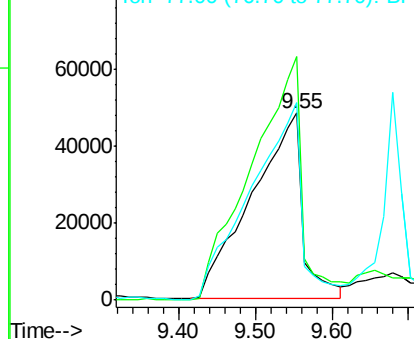
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

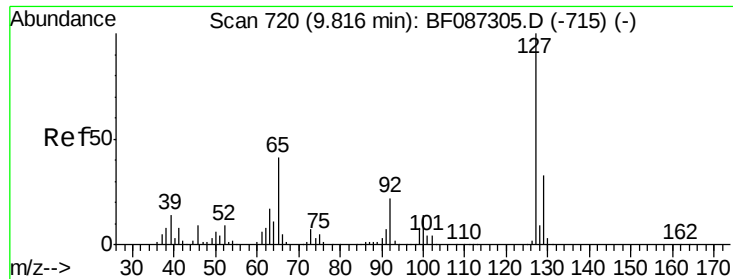


#32
Benzoic acid
Concen: 38.42 ng
RT: 9.55 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.3	92.6	132.6
77	105.8	60.0	100.0#

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





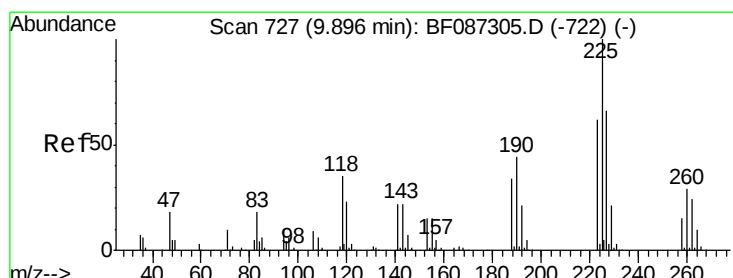
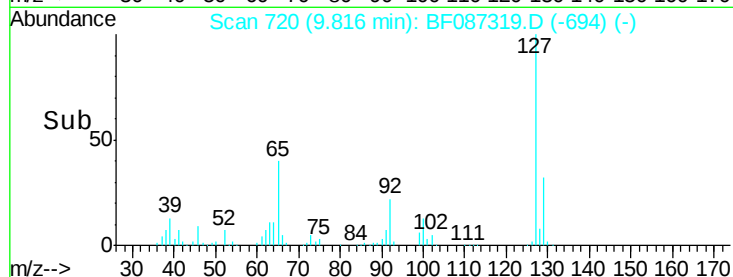
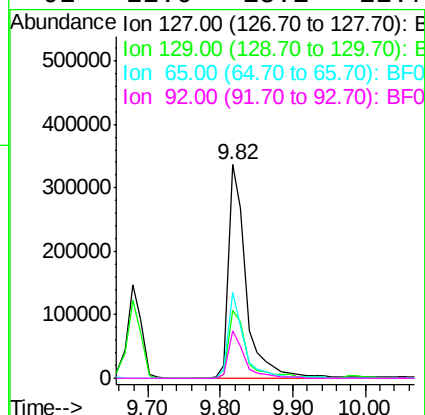
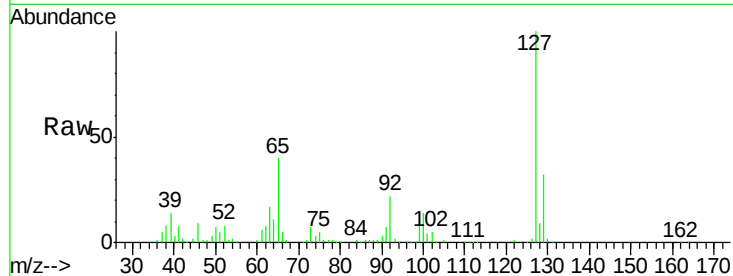
#33
4-Chloroaniline
Concen: 38.64 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.8	26.2	39.4	
65	40.4	23.0	34.4	
92	22.0	15.1	22.7	

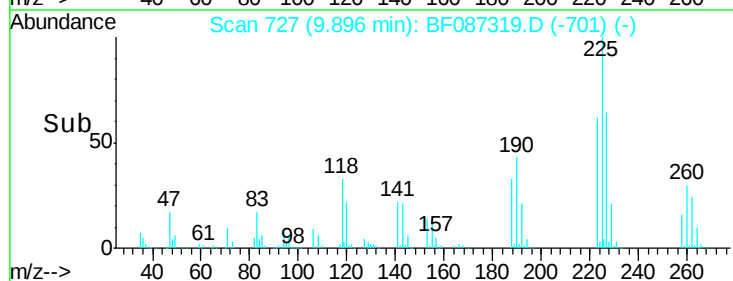
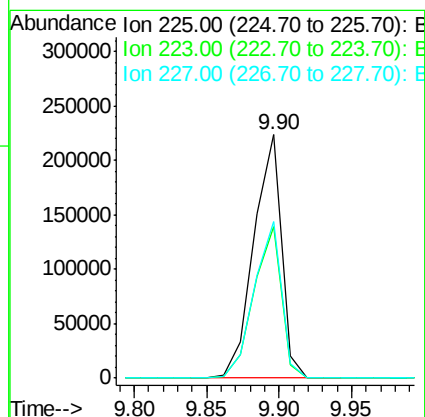
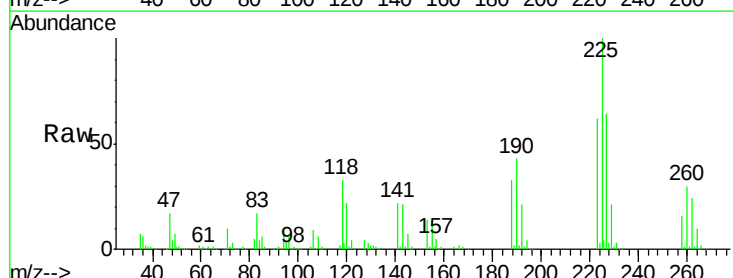
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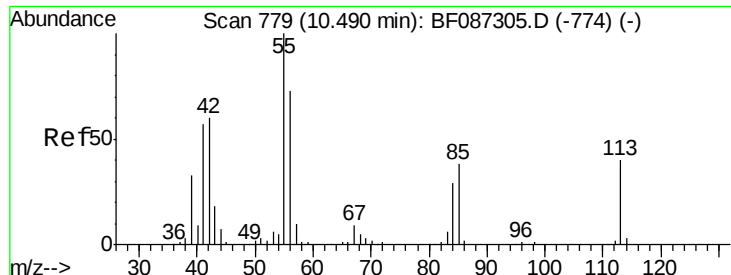
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#34
Hexachlorobutadiene
Concen: 40.18 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.3	51.5	77.3	
227	64.3	52.2	78.2	





#35

Caprolactam

Concen: 42.62 ng m

RT: 10.49 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:113 Resp: 131517
Ion Ratio Lower Upper

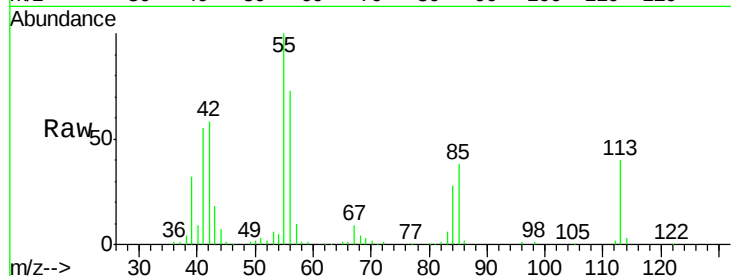
113 100

55 247.7 162.0 202.0#

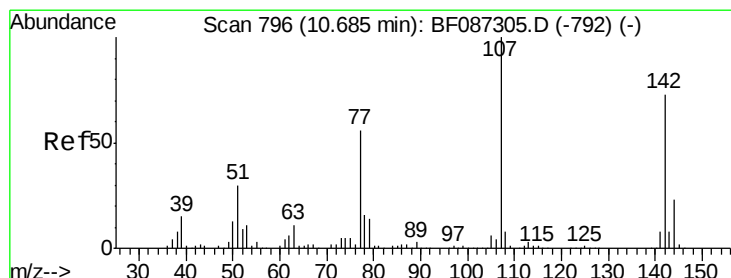
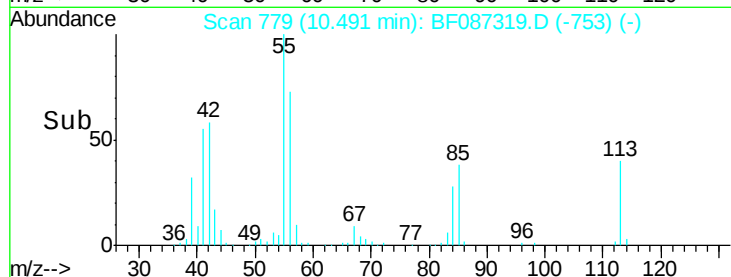
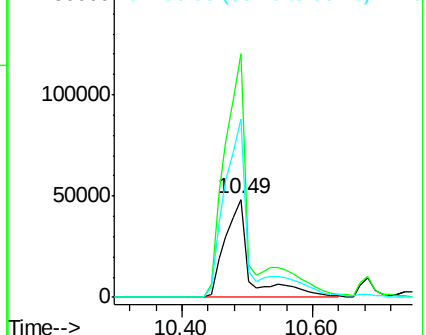
56 181.6 115.3 155.3#

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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.56 ng

RT: 10.68 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF087319.D

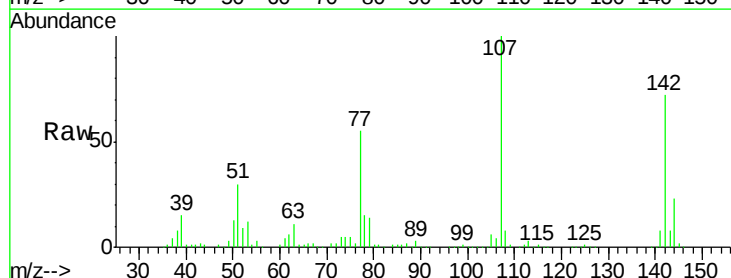
Acq: 24 May 2016 1:40

Tgt Ion:107 Resp: 496770
Ion Ratio Lower Upper

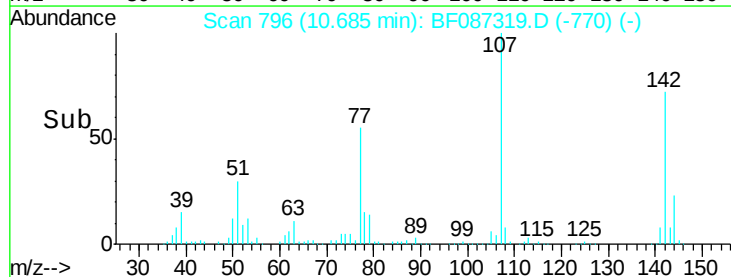
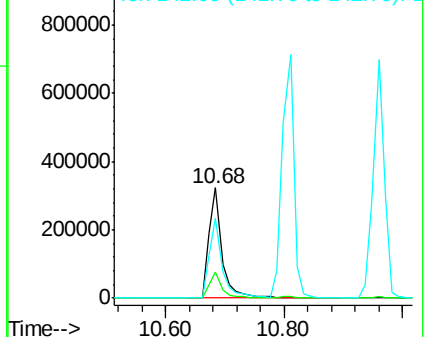
107 100

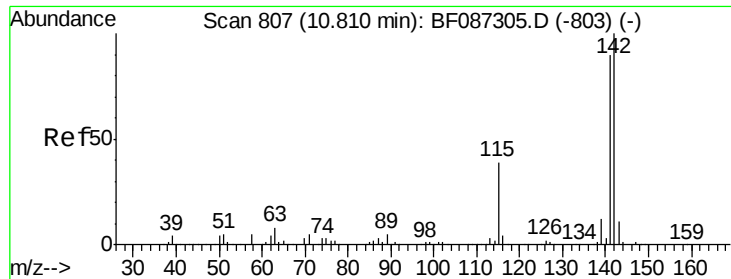
144 23.3 20.7 31.1

142 72.1 63.2 94.8



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





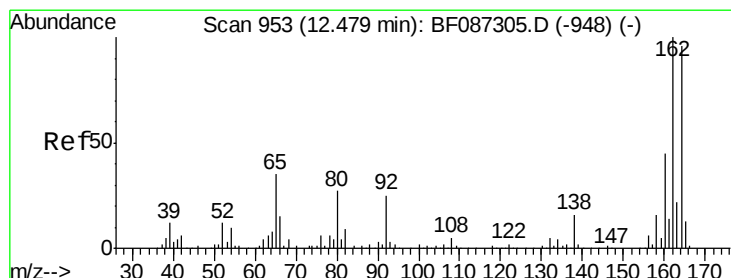
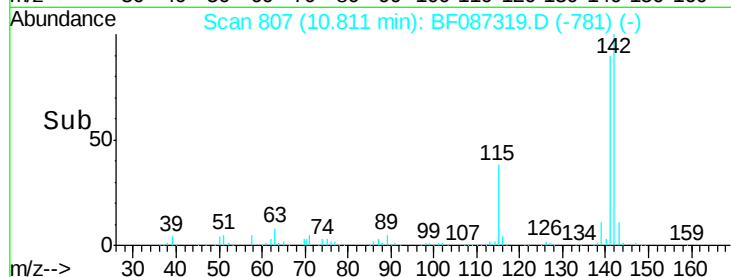
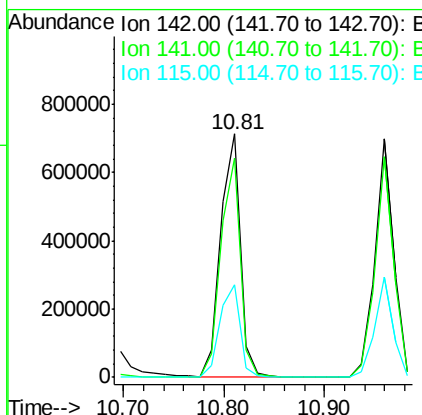
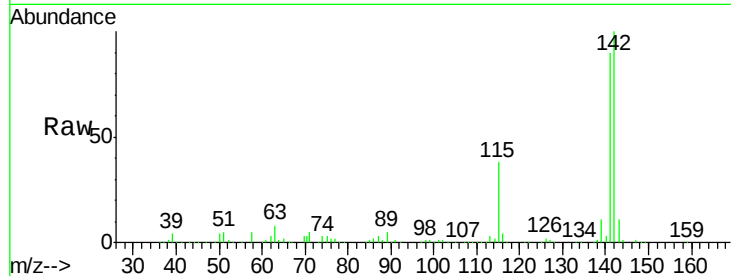
#37
2-Methylnaphthalene
Concen: 39.41 ng
RT: 10.81 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.0	106.6
115	37.9	26.6	39.8

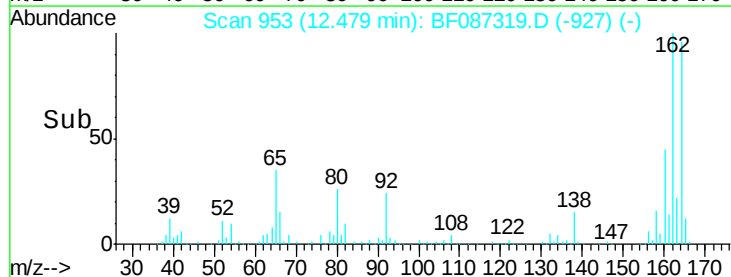
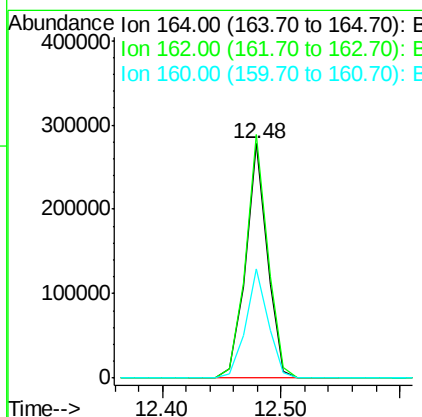
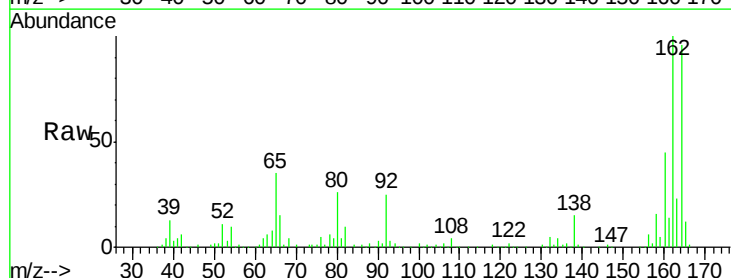
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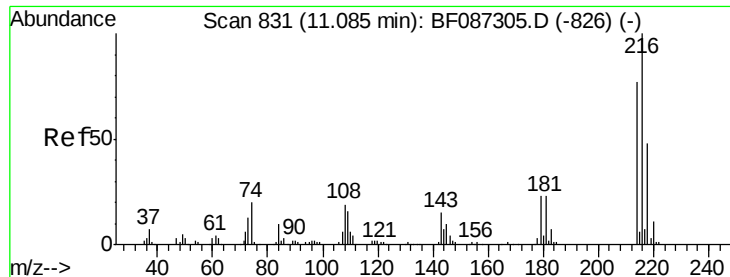
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.48 min Scan# 953
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.8	124.2
160	46.8	36.9	55.3





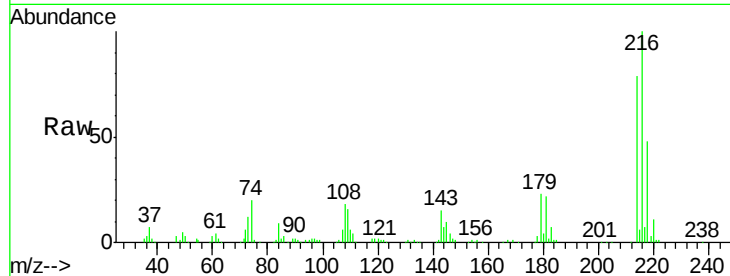
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.12 ng
 RT: 11.08 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

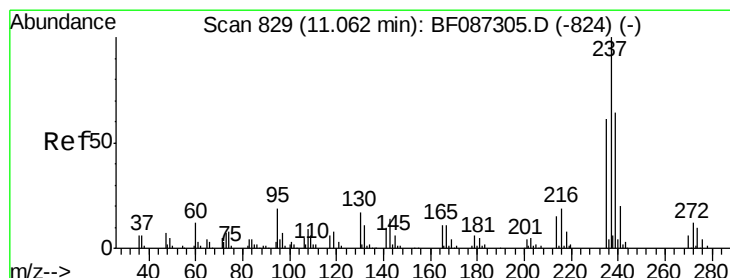
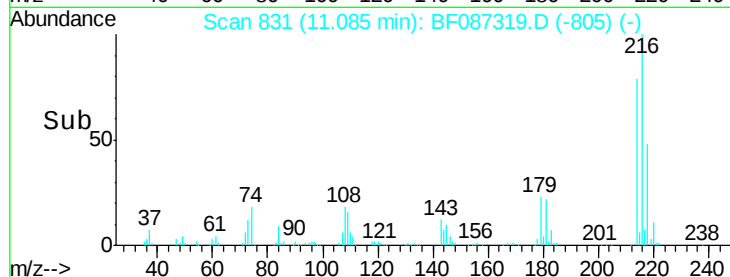
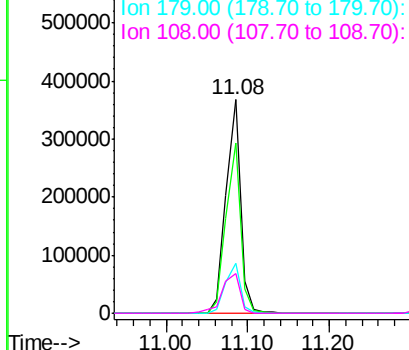
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	456152		
214	79.3	62.6	93.8	
179	23.9	18.2	27.4	
108	22.6	17.5	26.3	

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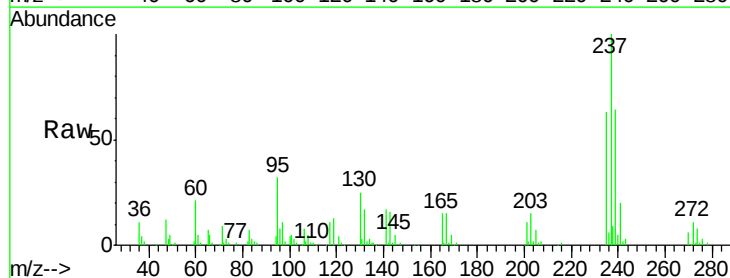


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

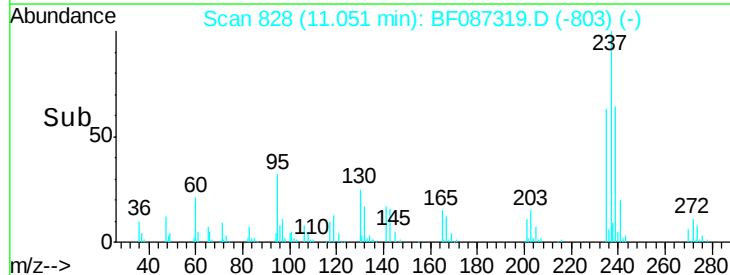
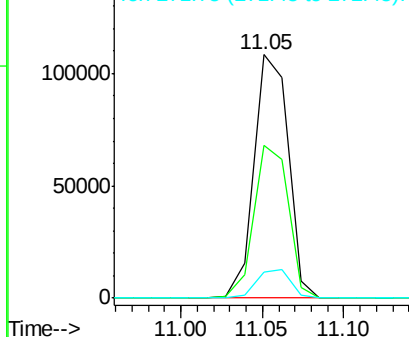


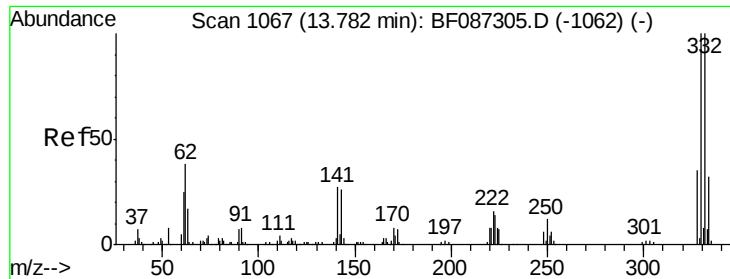
#40
 Hexachlorocyclopentadiene
 Concen: 39.25 ng
 RT: 11.05 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	158105		
235	62.7	47.2	87.2	
272	10.6	0.0	31.1	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





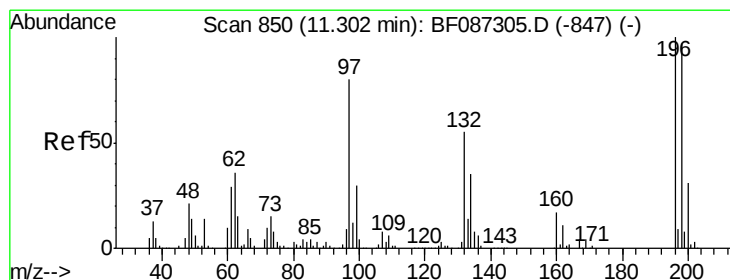
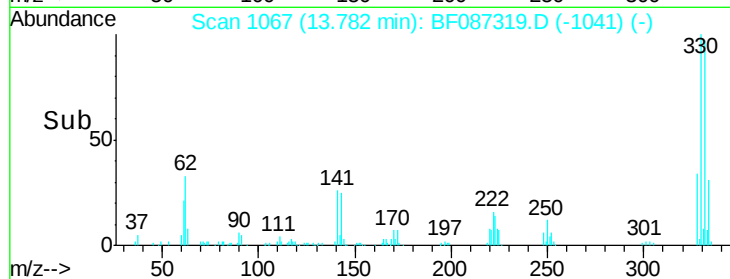
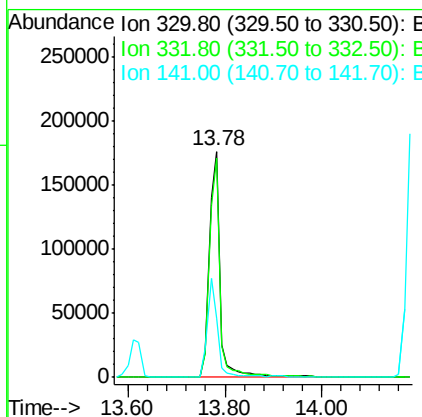
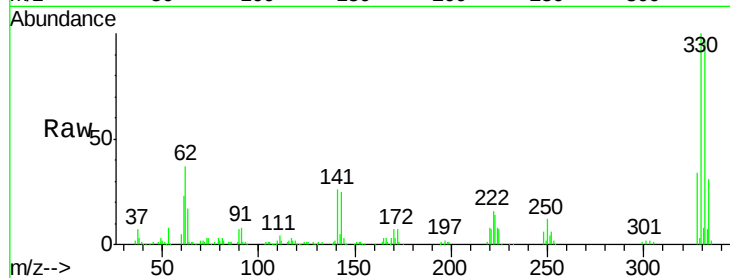
#41
 2,4,6-Tribromophenol
 Concen: 81.86 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	279408		
332	96.3	79.0	118.4	
141	40.8	31.2	46.8	

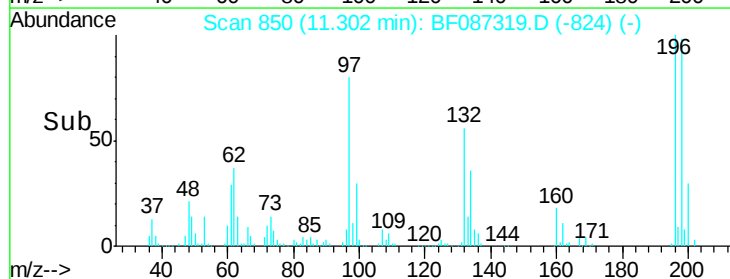
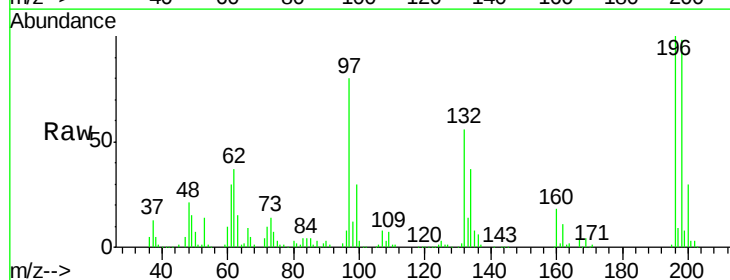
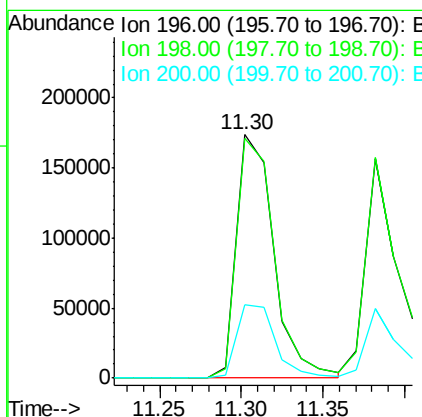
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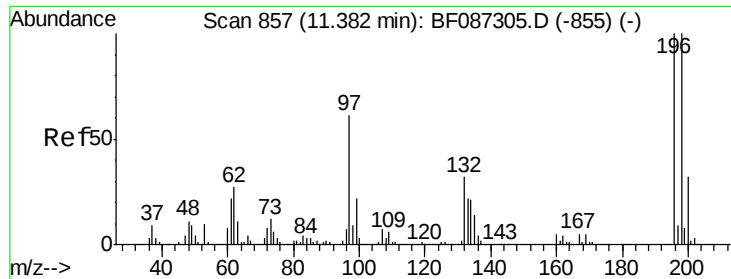
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#42
 2,4,6-Trichlorophenol
 Concen: 41.84 ng
 RT: 11.30 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

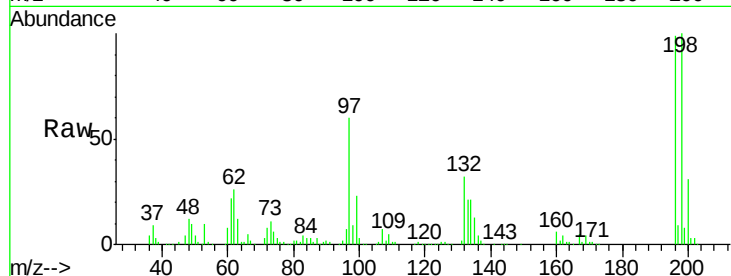
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	274587		
198	98.5	74.7	112.1	
200	30.0	23.8	35.6	





#43
 2,4,5-Trichlorophenol
 Concen: 40.92 ng
 RT: 11.38 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

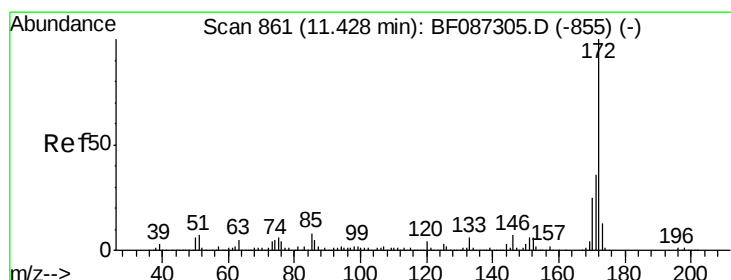
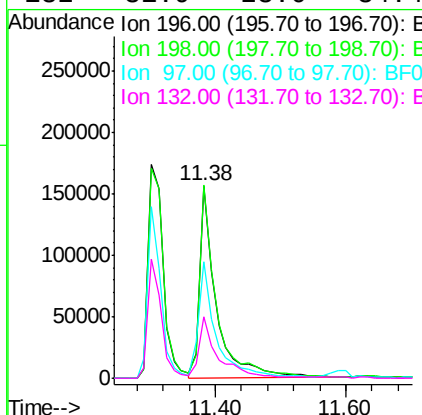
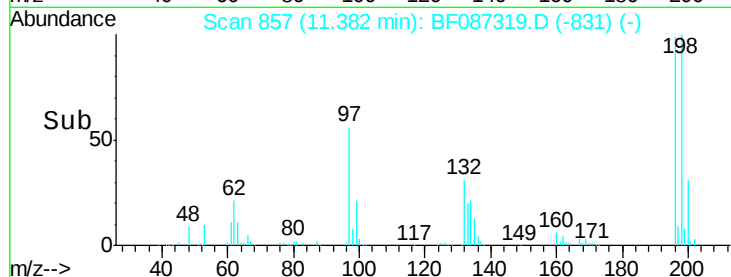
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	273457		
198	100.7	77.5	116.3	
97	60.8	34.8	52.2	
132	31.9	23.0	34.4	

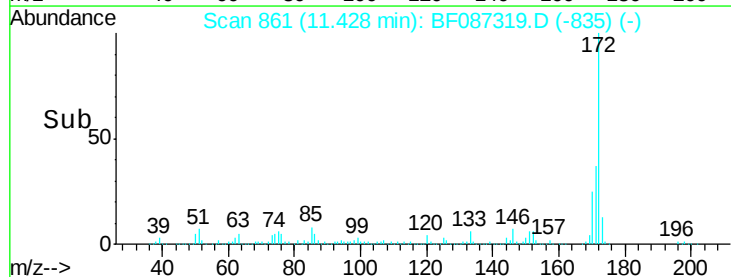
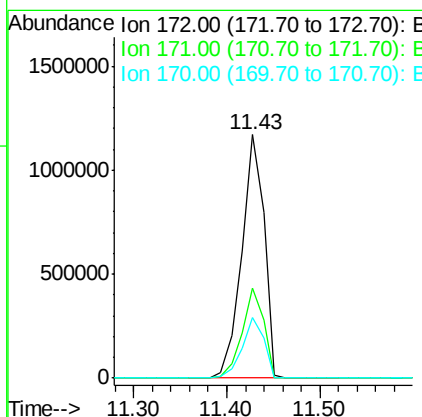
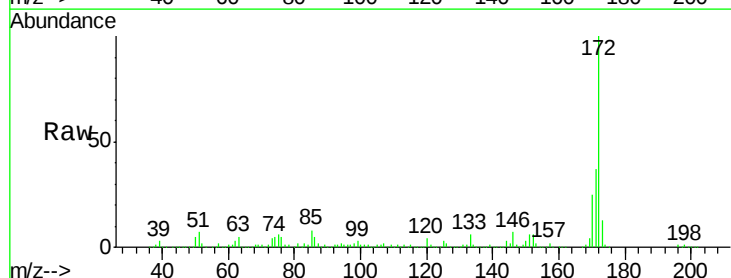
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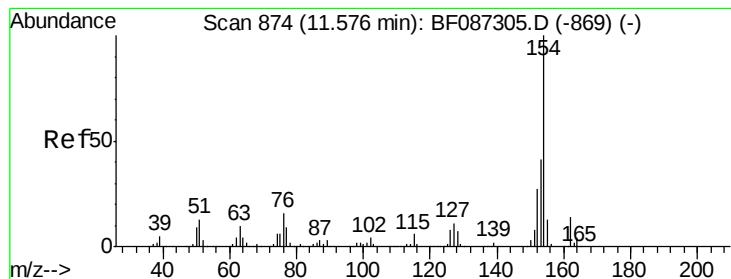
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#44
 2-Fluorobiphenyl
 Concen: 77.00 ng
 RT: 11.43 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1940042		
171	36.8	29.0	43.6	
170	24.8	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 38.40 ng

RT: 11.58 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:154 Resp: 1148431

Ion Ratio Lower Upper

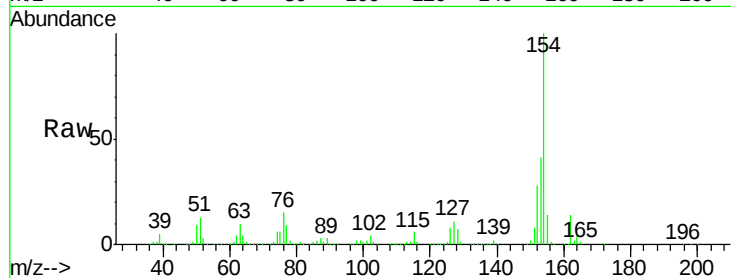
154 100

153 41.3 20.3 60.3

76 15.4 0.0 30.2

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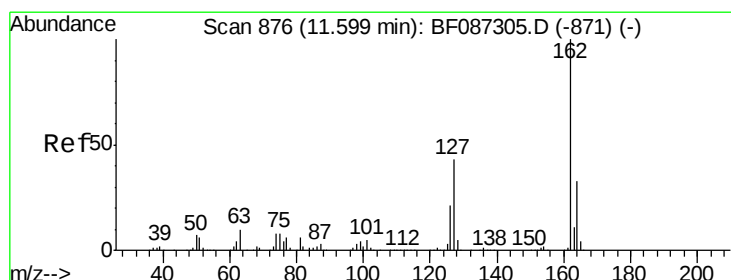
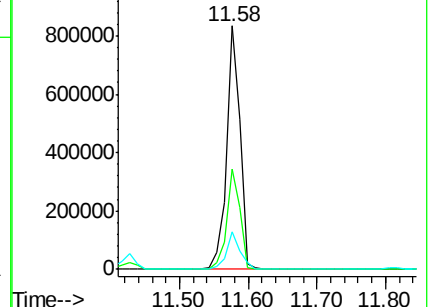
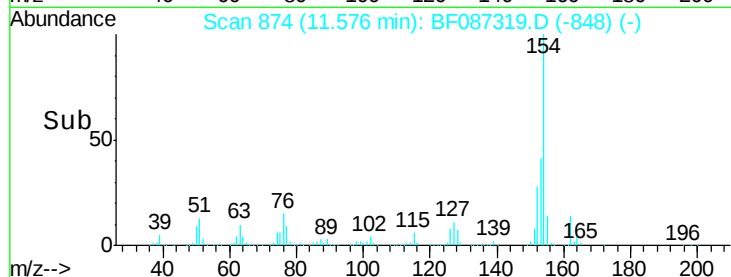
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.53 ng

RT: 11.60 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

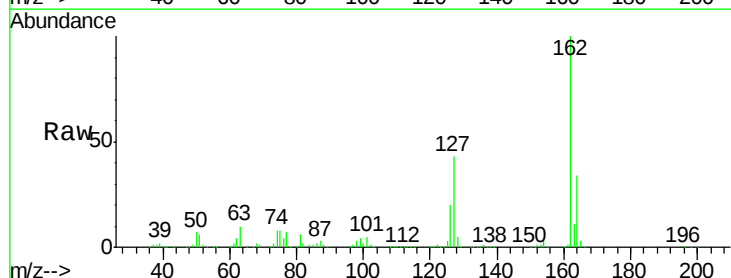
Tgt Ion:162 Resp: 904416

Ion Ratio Lower Upper

162 100

127 43.3 31.8 47.6

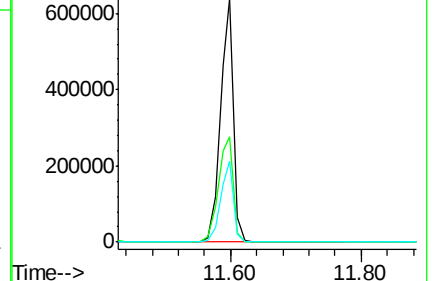
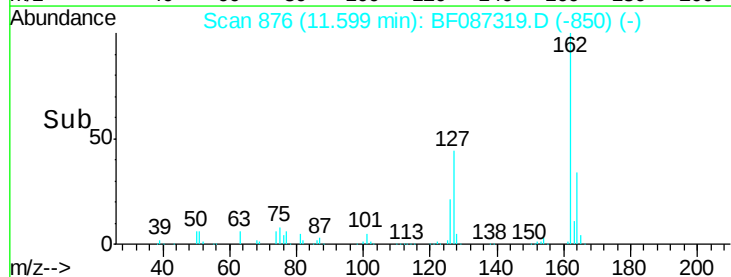
164 33.5 27.0 40.6

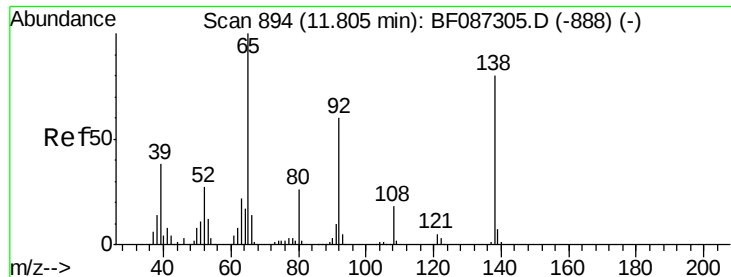


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.80 ng

RT: 11.80 min Scan# 894

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Instrument :

BNA_F

ClientSampleId :

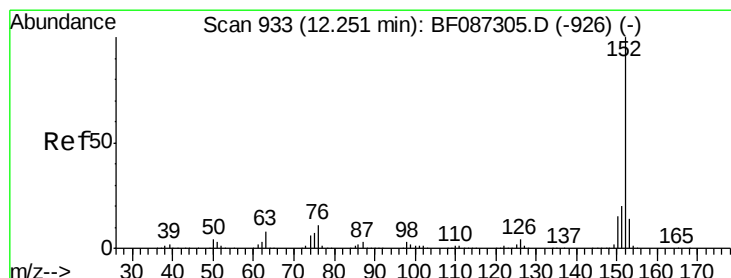
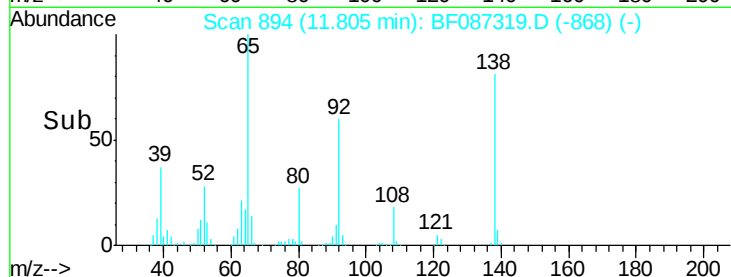
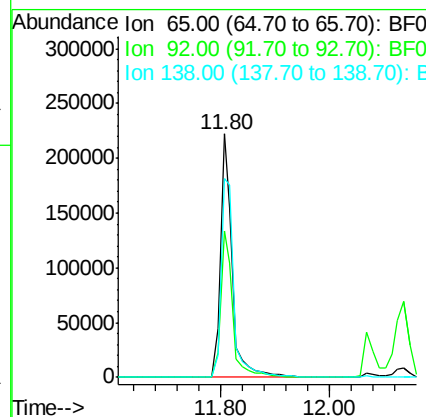
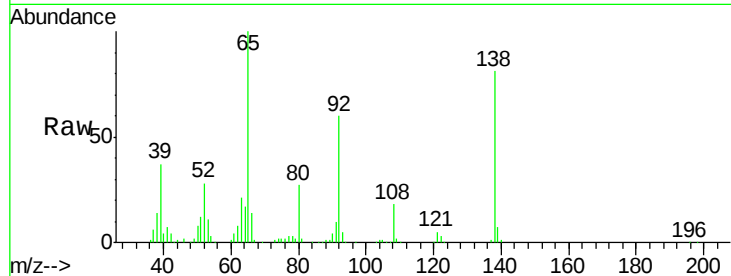
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Tgt Ion:	65	Resp:	344553
Ion Ratio	Lower	Upper	
65	100		
92	60.1	57.4	86.2
138	81.4	90.1	135.1#



#48

Acenaphthylene

Concen: 39.42 ng

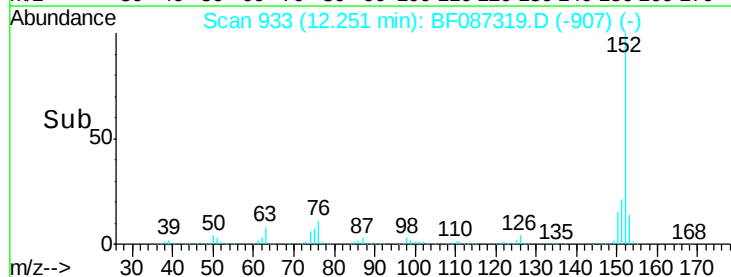
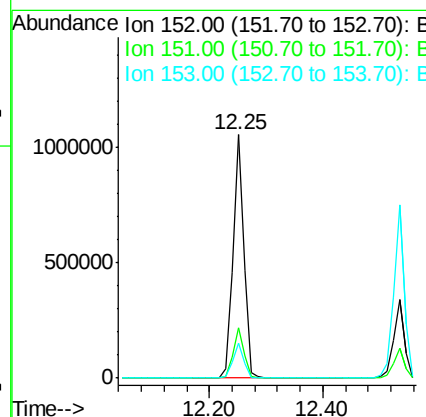
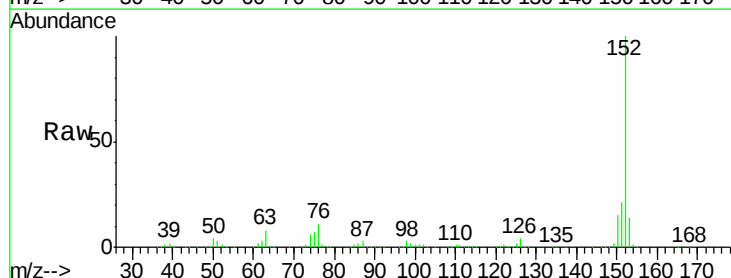
RT: 12.25 min Scan# 933

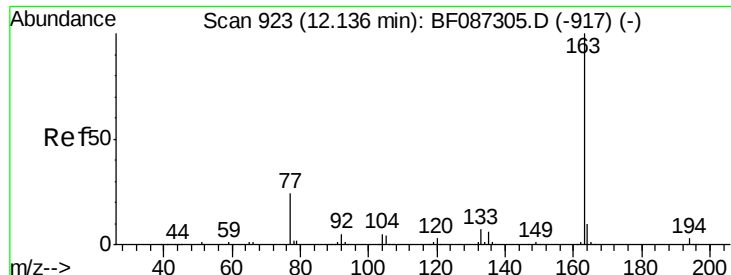
Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Tgt Ion:	152	Resp:	1428039
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.8	25.2
153	14.2	10.9	16.3





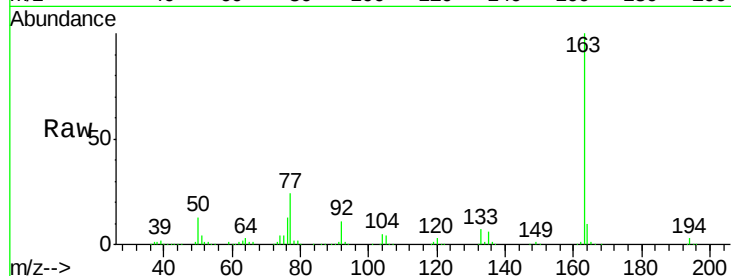
#49
Dimethylphthalate
Concen: 40.07 ng
RT: 12.14 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

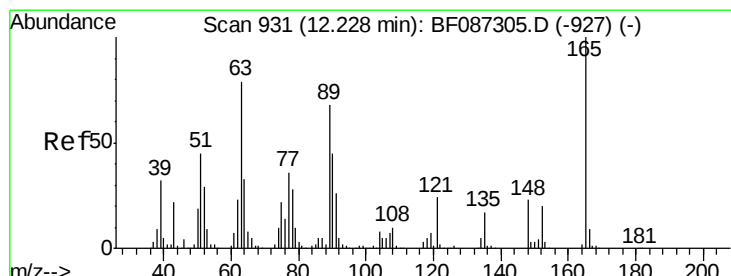
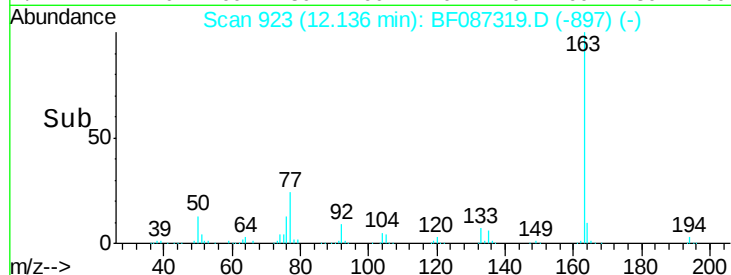
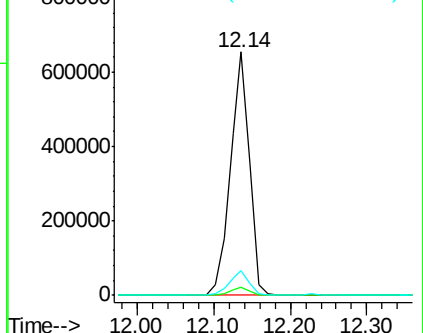
Tgt Ion:163 Resp: 1140205
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.0 8.2 12.4

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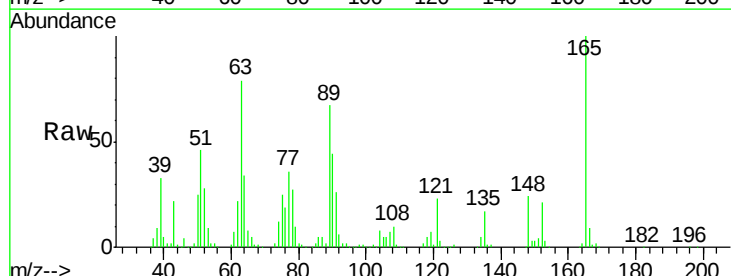


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

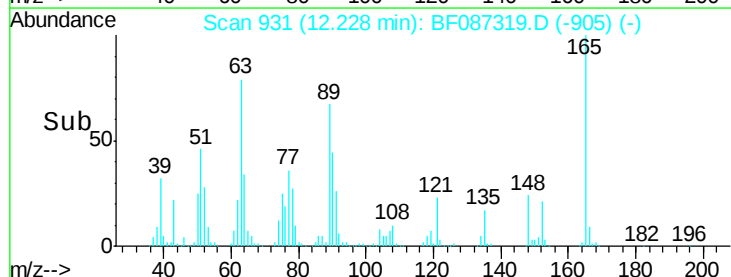
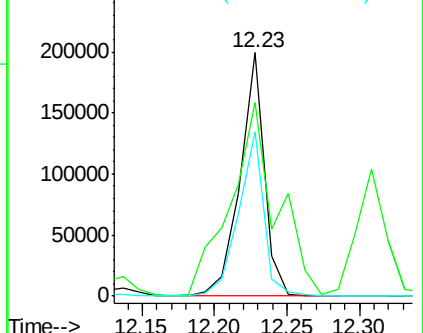


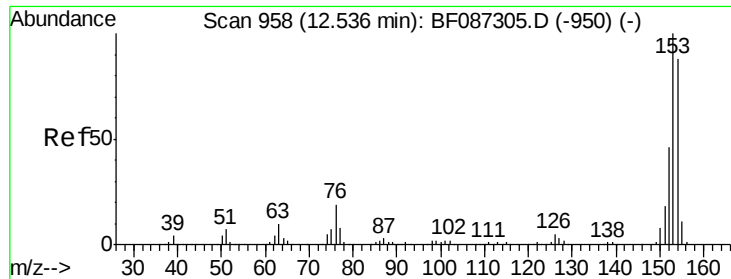
#50
2,6-Dinitrotoluene
Concen: 40.38 ng
RT: 12.23 min Scan# 931
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Tgt Ion:165 Resp: 231499
Ion Ratio Lower Upper
165 100
63 79.5 51.8 77.8#
89 67.2 50.7 76.1



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.58 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF087319.D

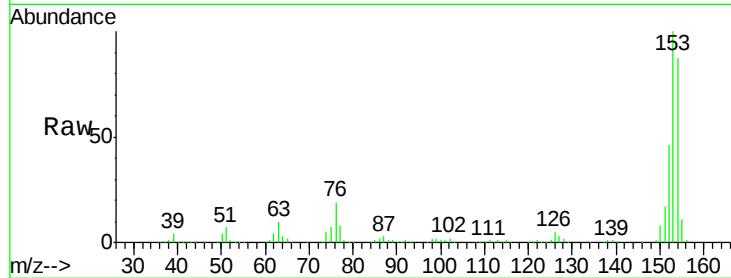
Acq: 24 May 2016 1:40

Instrument :

BNA_F

ClientSampleId :

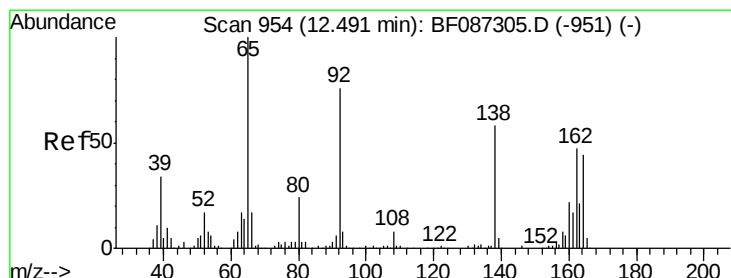
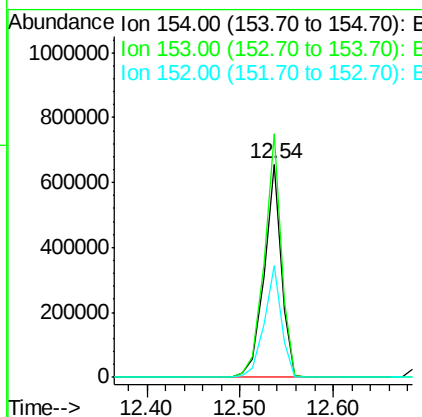
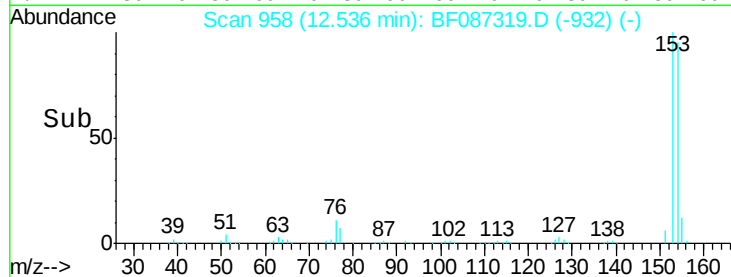
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Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	114.4	89.8	134.6	
152	52.3	43.4	65.0	

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#52

3-Nitroaniline

Concen: 39.41 ng

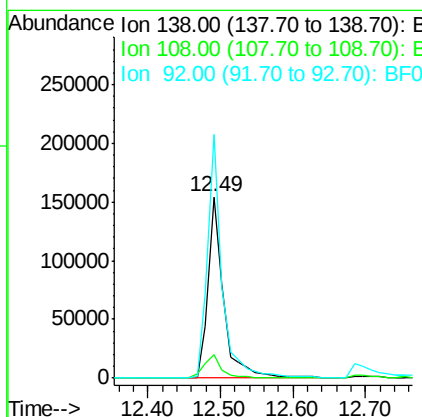
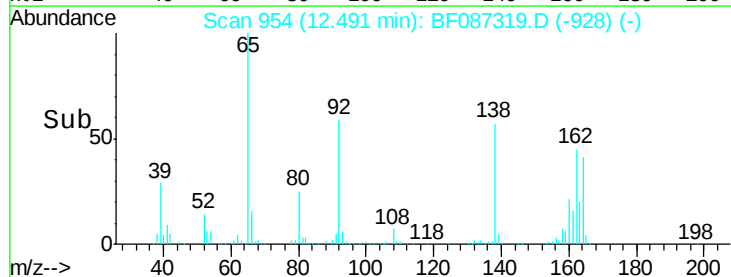
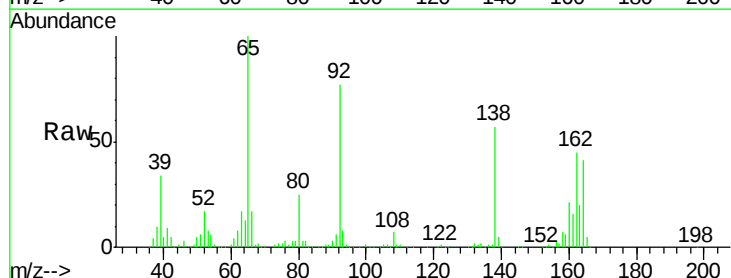
RT: 12.49 min Scan# 954

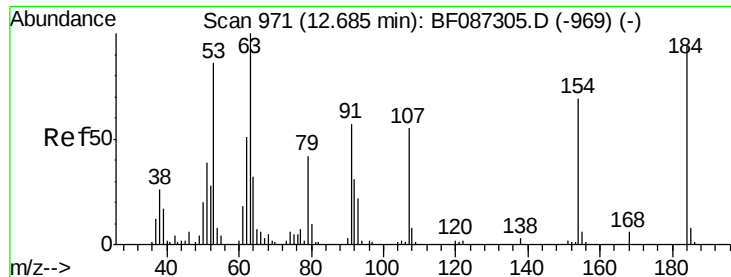
Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
108	13.1	7.8	11.6#	
92	134.3	87.8	131.8#	





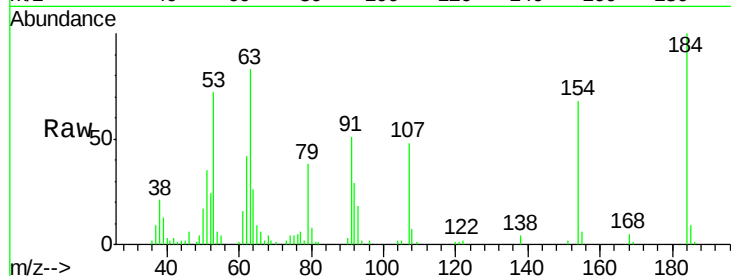
#53
2,4-Dinitrophenol
Concen: 40.41 ng
RT: 12.70 min Scan# 972
Delta R.T. 0.01 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

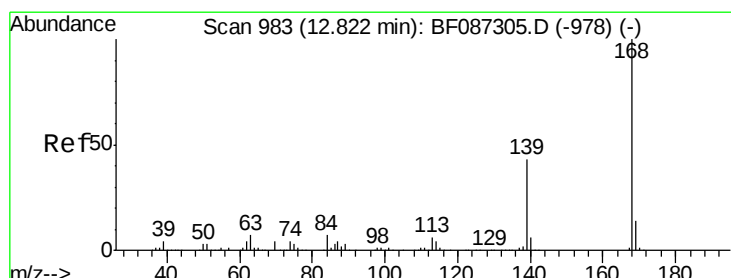
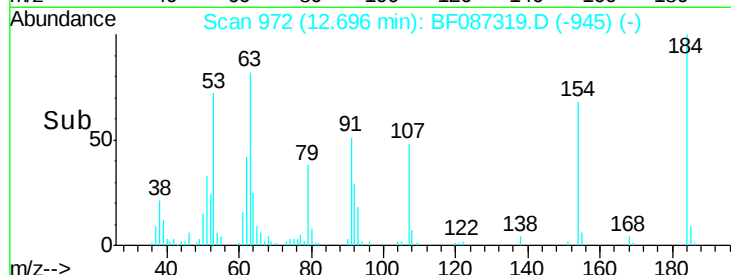
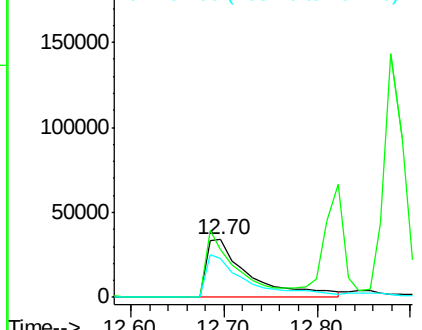
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	108234		
63	83.1	55.8	83.8	
154	67.7	62.4	93.6	

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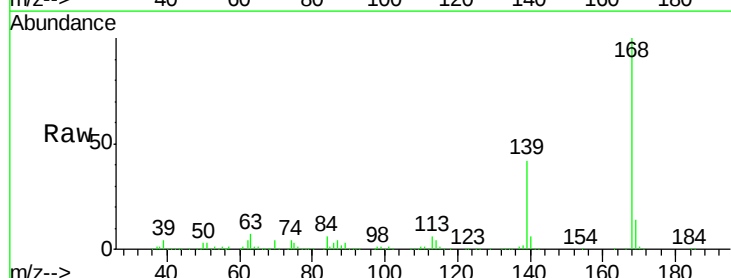


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

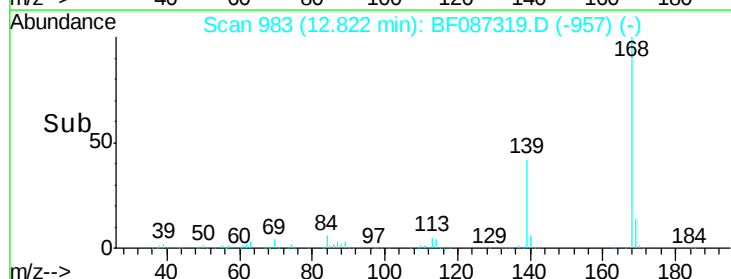
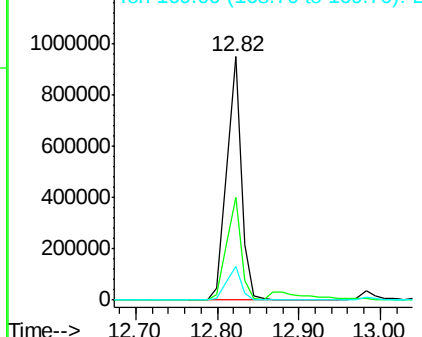


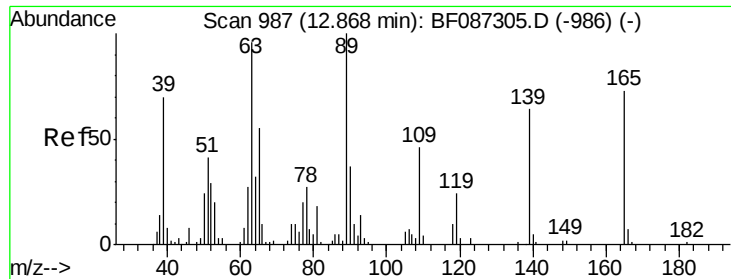
#54
Dibenzofuran
Concen: 38.81 ng
RT: 12.82 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1169848		
139	42.3	31.4	47.0	
169	13.6	10.7	16.1	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





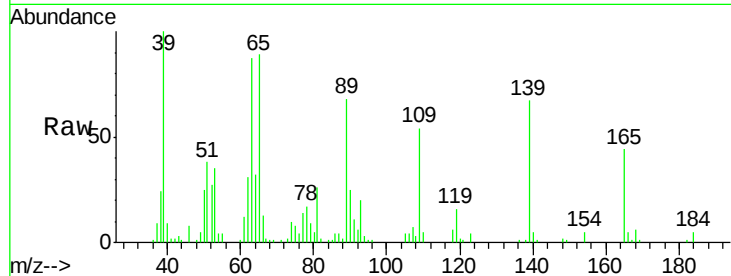
#55
4-Nitrophenol
Concen: 42.47 ng
RT: 12.87 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

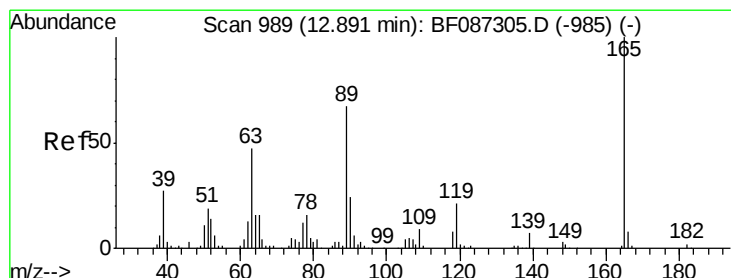
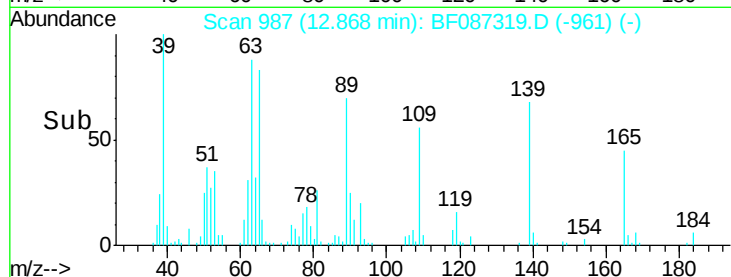
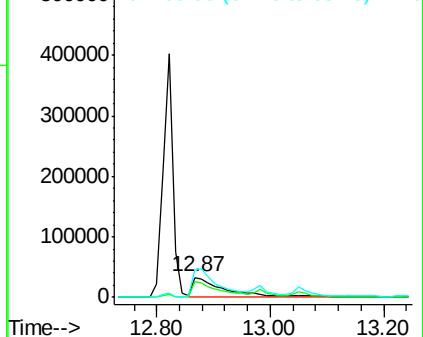
Tgt Ion:139 Resp: 119216
Ion Ratio Lower Upper
139 100
109 80.8 36.9 76.9#
65 132.5 64.0 104.0#

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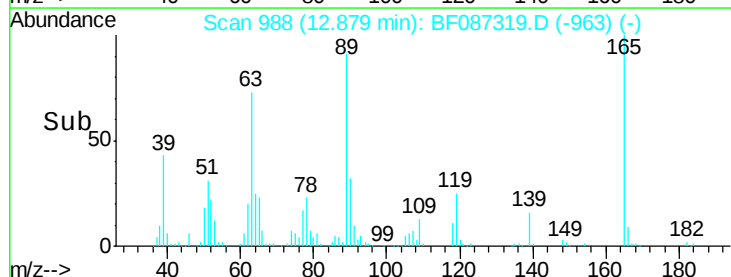
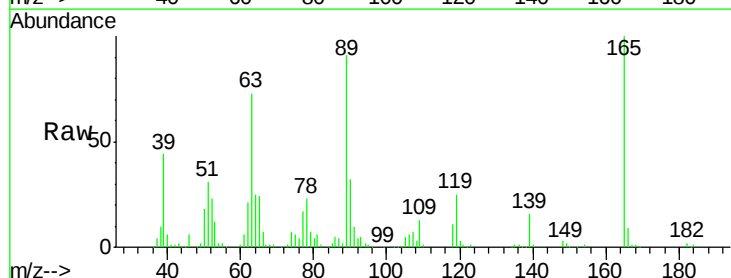
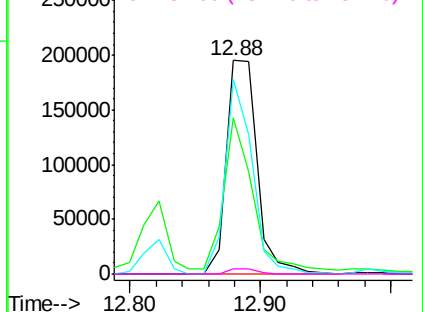
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

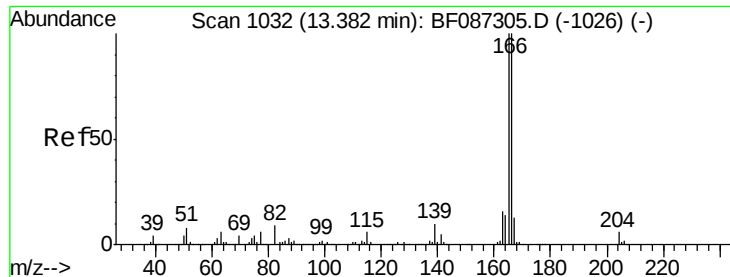


#56
2,4-Dinitrotoluene
Concen: 41.48 ng
RT: 12.88 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Tgt Ion:165 Resp: 317830
Ion Ratio Lower Upper
165 100
63 73.4 44.3 66.5#
89 91.3 70.0 105.0
182 2.2 1.8 2.6

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





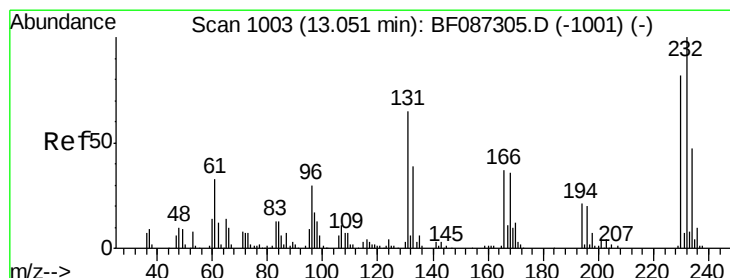
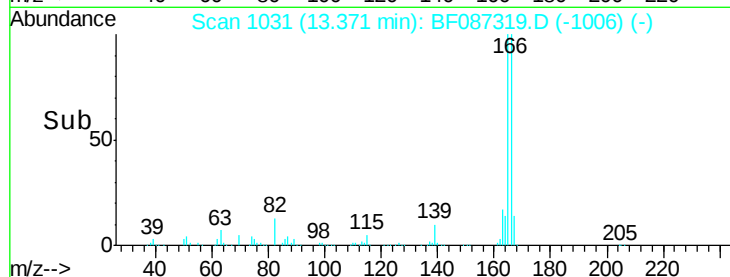
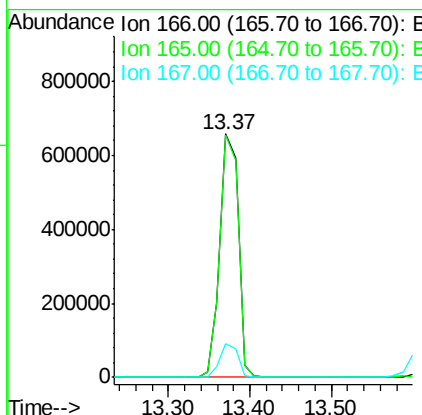
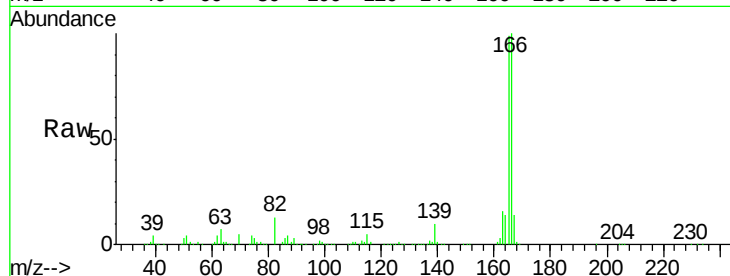
#57
Fluorene
 Concen: 39.54 ng
 RT: 13.37 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.0	118.6
167	13.8	10.6	15.8

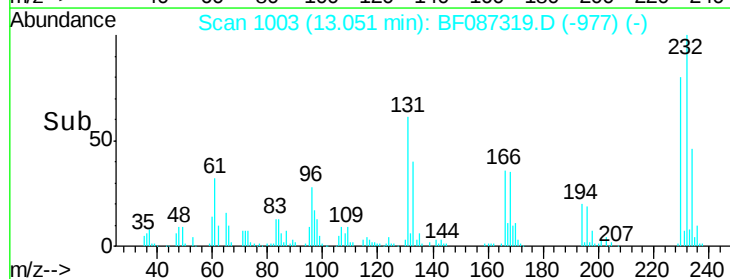
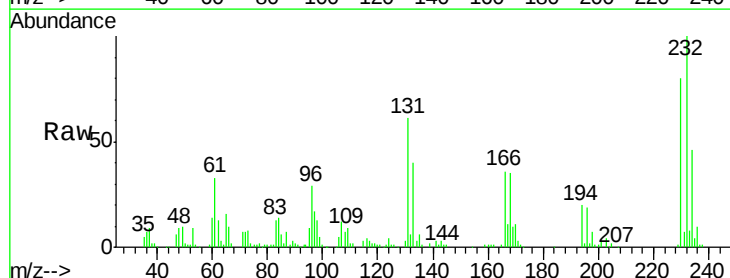
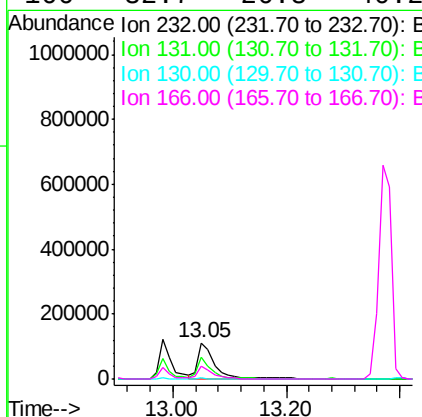
Manual Integrations
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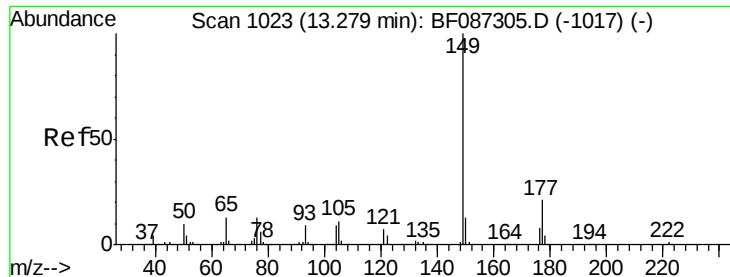
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.10 ng
 RT: 13.05 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.2	41.9	62.9
130	2.7	2.2	3.4
166	32.7	26.8	40.2





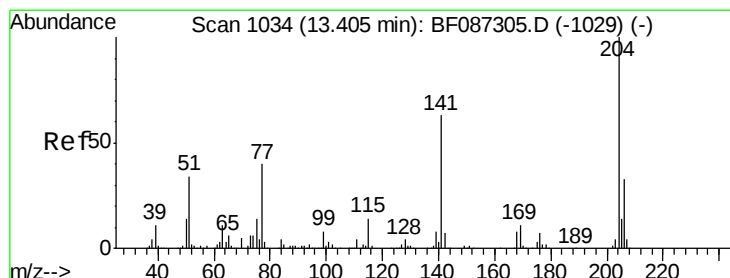
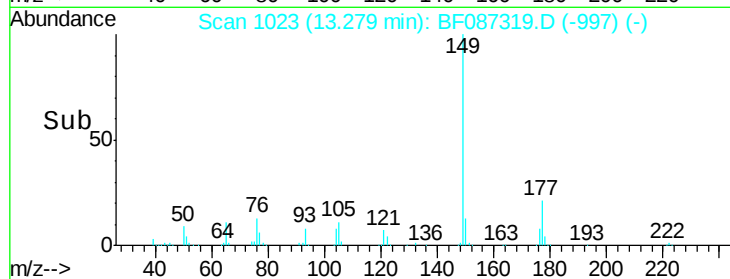
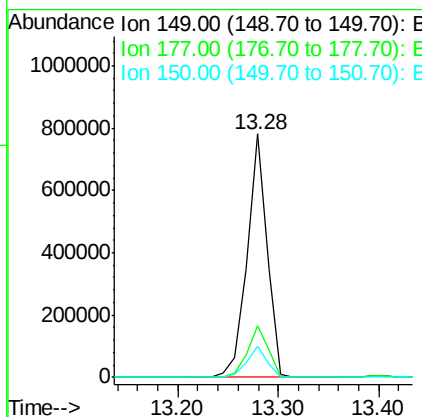
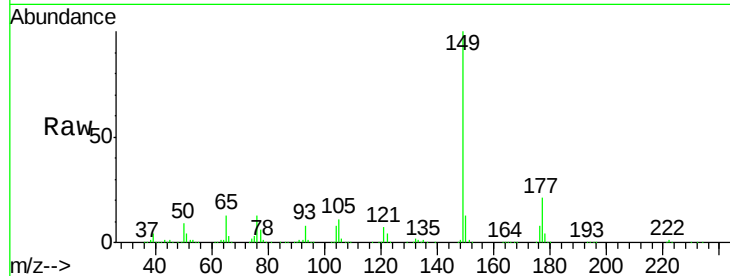
#59
Diethylphthalate
Concen: 38.83 ng
RT: 13.28 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.6	24.8
150	12.8	10.0	15.0

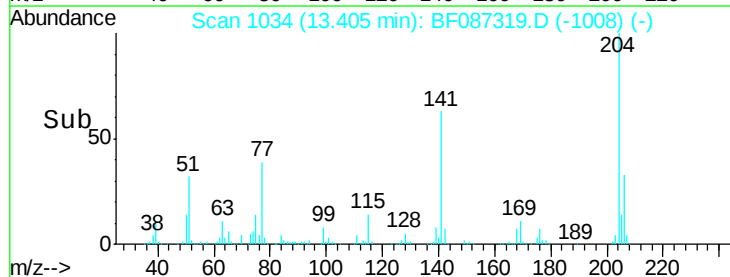
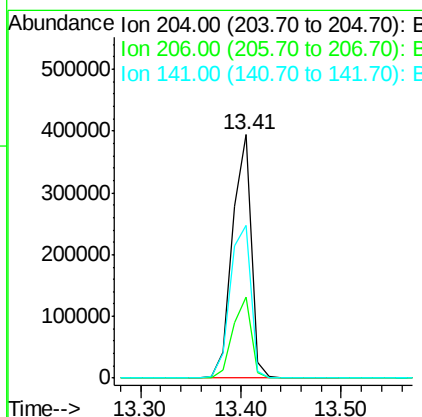
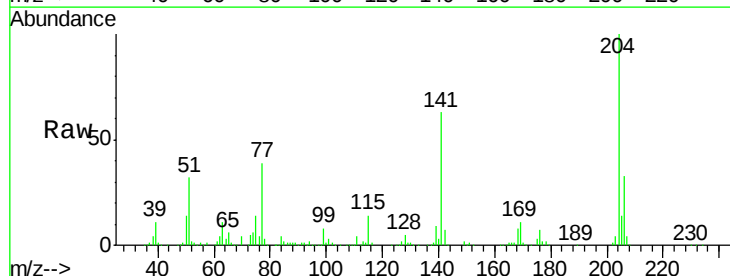
Manual Integrations
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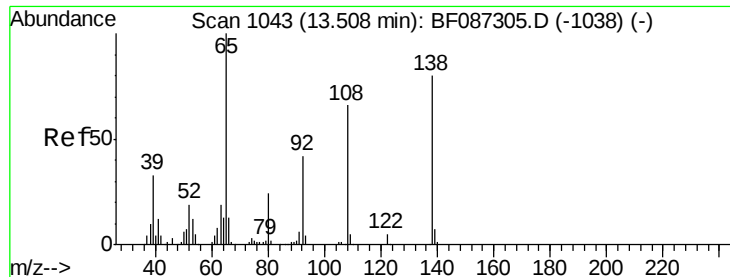
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#60
4-Chlorophenyl-phenylether
Concen: 40.18 ng
RT: 13.41 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.4	38.0
141	62.9	61.6	92.4





#61

4-Nitroaniline

Concen: 41.84 ng

RT: 13.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF087319.D

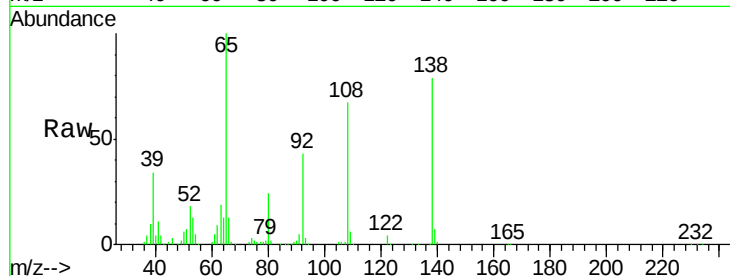
Acq: 24 May 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:138 Resp: 229790

Ion Ratio Lower Upper

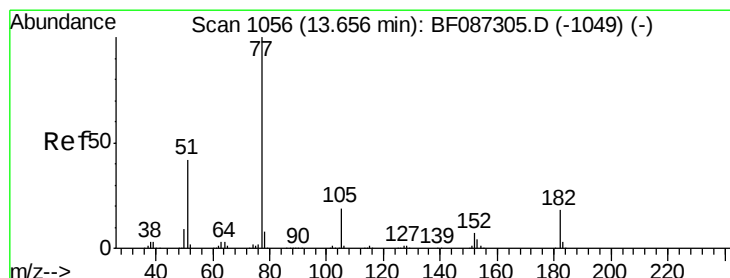
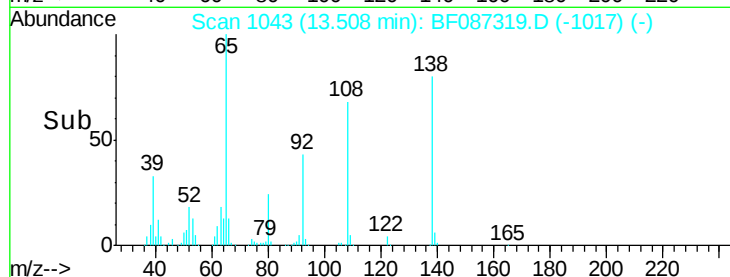
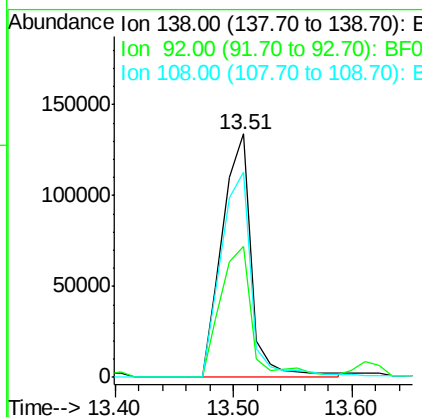
138 100

92 53.6 24.7 64.7

108 84.1 37.4 77.4#

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#62

Azobenzene

Concen: 40.91 ng

RT: 13.66 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Tgt Ion: 77 Resp: 1173949

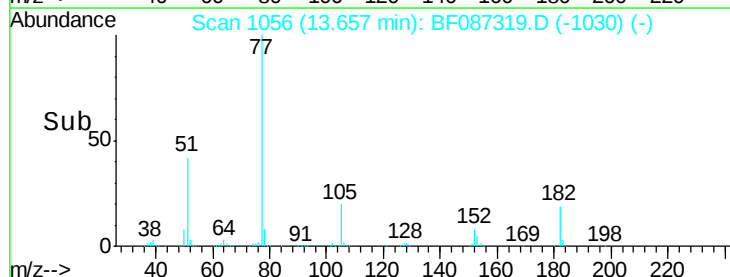
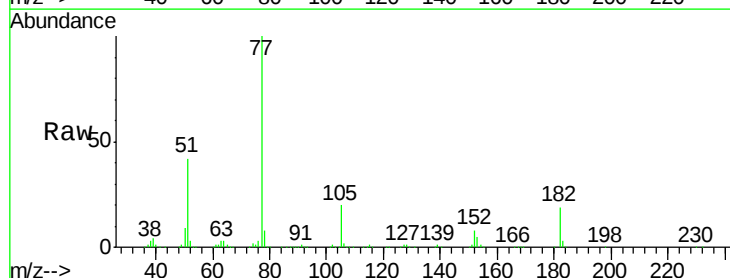
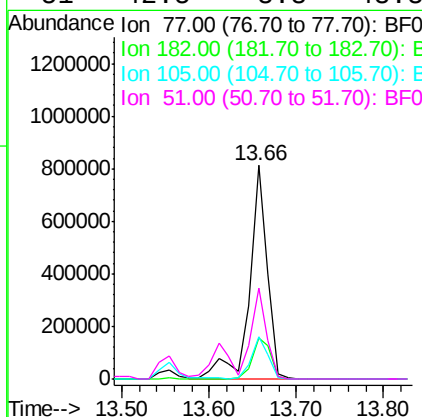
Ion Ratio Lower Upper

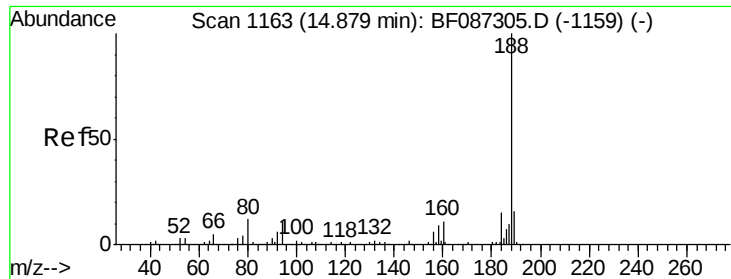
77 100

182 19.1 0.0 38.8

105 20.0 3.2 43.2

51 42.5 8.8 48.8





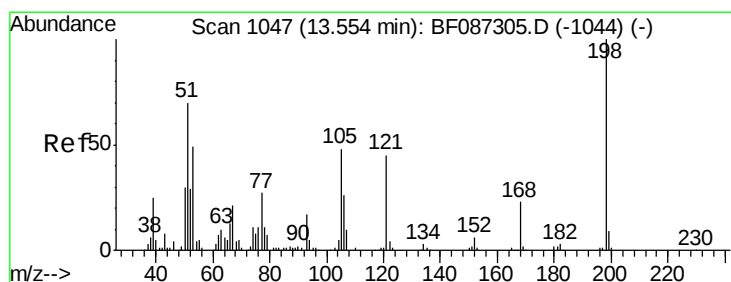
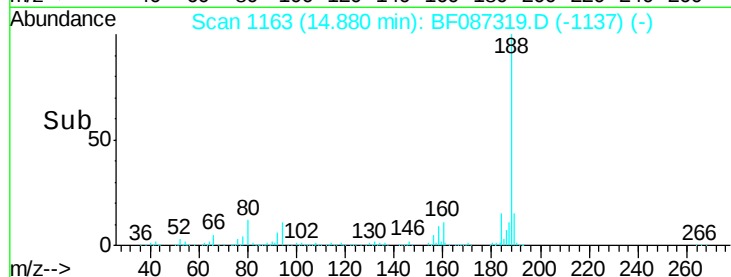
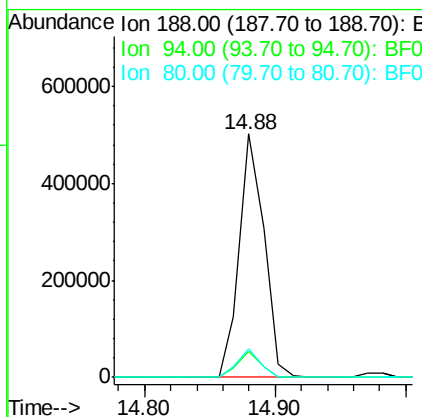
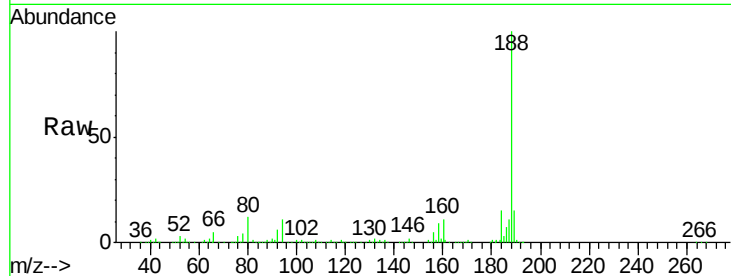
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.6	6.8	10.2#
80	11.6	7.1	10.7#

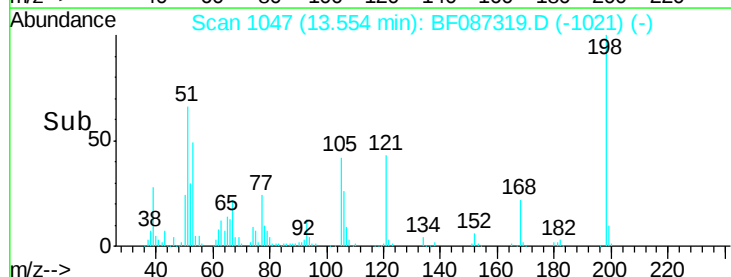
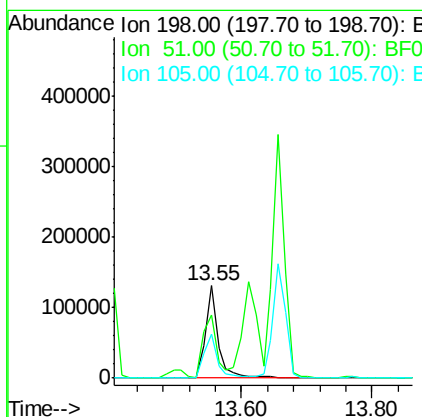
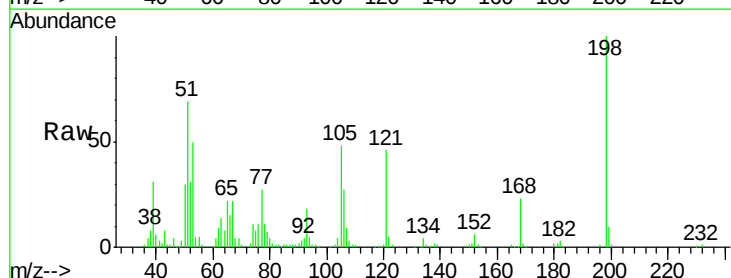
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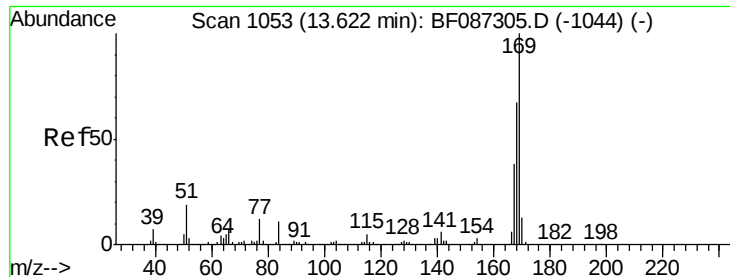
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.72 ng
RT: 13.55 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	69.0	20.5	60.5#
105	48.1	24.5	64.5





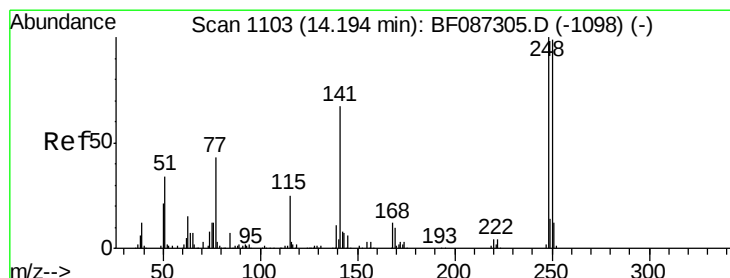
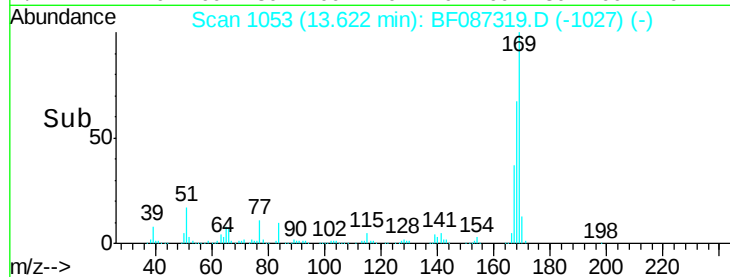
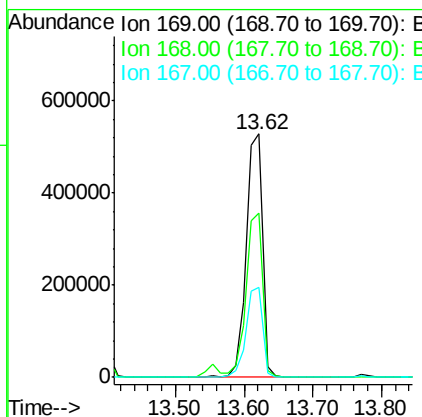
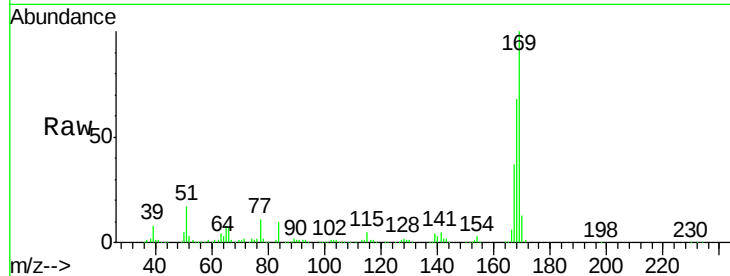
#65
n-Nitrosodiphenylamine
Concen: 40.18 ng
RT: 13.62 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	862979		
168	67.5	53.8	80.6	
167	36.9	29.5	44.3	

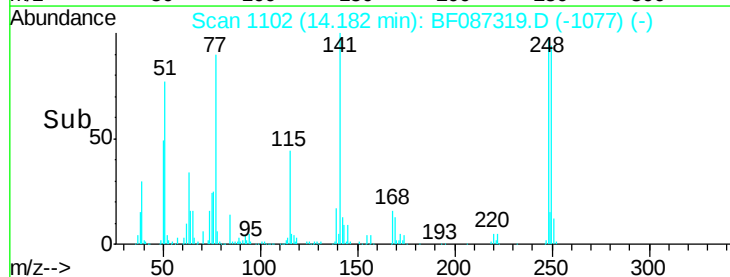
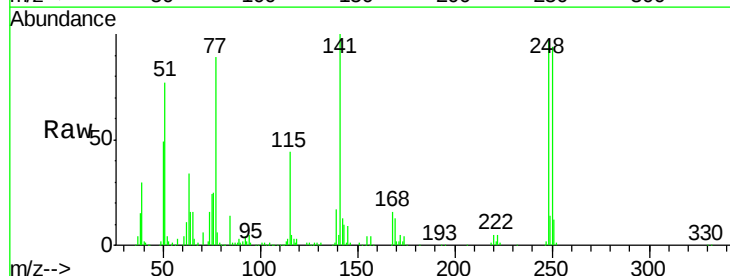
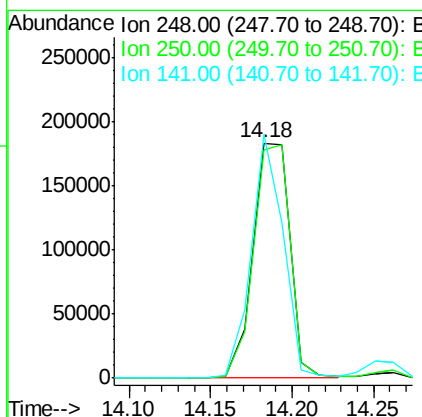
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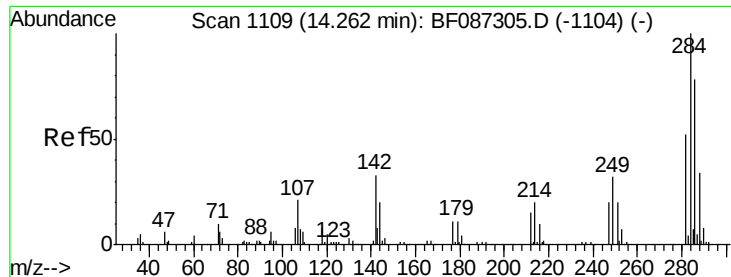
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#66
4-Bromophenyl-phenylether
Concen: 39.67 ng
RT: 14.18 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	288192		
250	97.1	78.6	117.8	
141	103.5	76.0	114.0	





#67

Hexachlorobenzene

Concen: 39.76 ng

RT: 14.26 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Instrument :

BNA_F

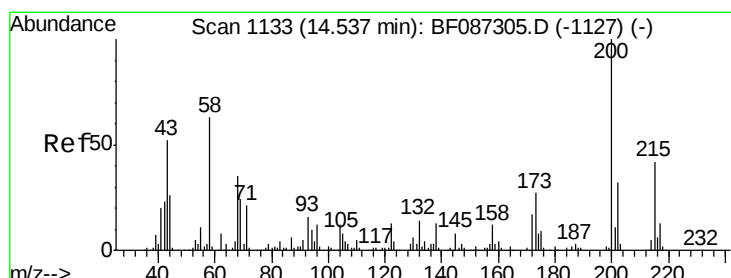
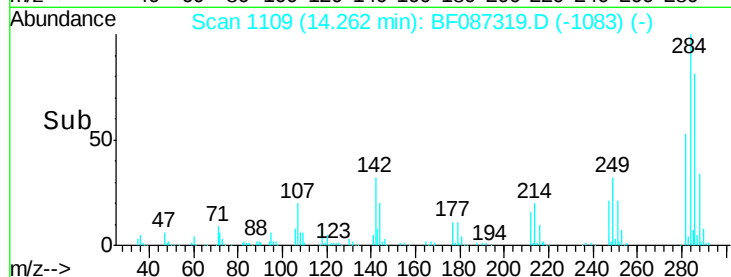
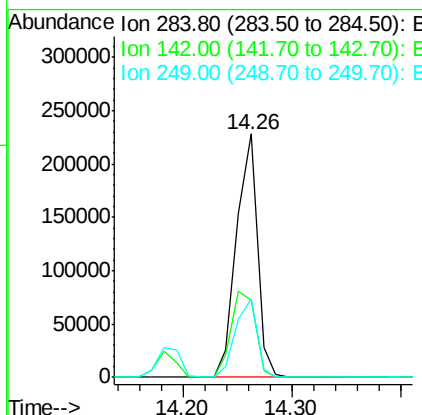
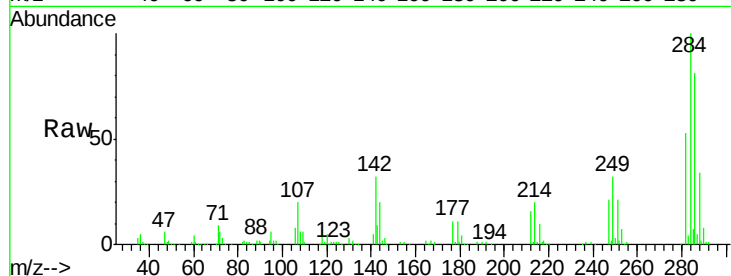
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	284	Resp:	302134
Ion Ratio	Lower	Upper	
284	100		
142	31.9	16.7	25.1#
249	32.3	21.3	31.9#

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#68

Atrazine

Concen: 40.36 ng

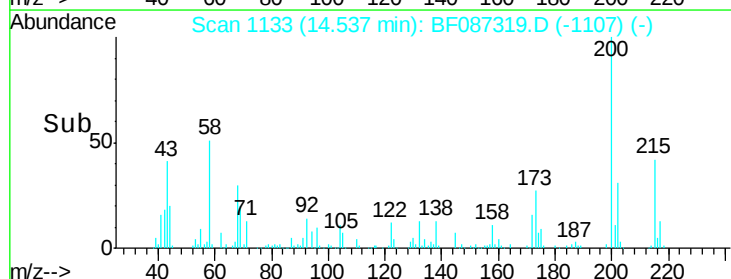
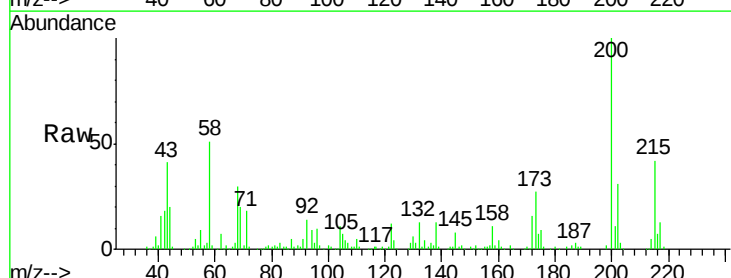
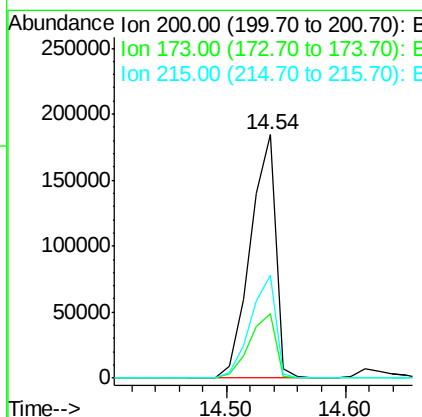
RT: 14.54 min Scan# 1133

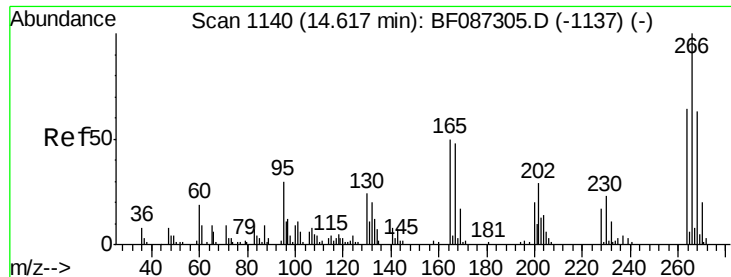
Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Tgt Ion:	200	Resp:	276286
Ion Ratio	Lower	Upper	
200	100		
173	26.6	8.5	48.5
215	42.2	27.2	67.2





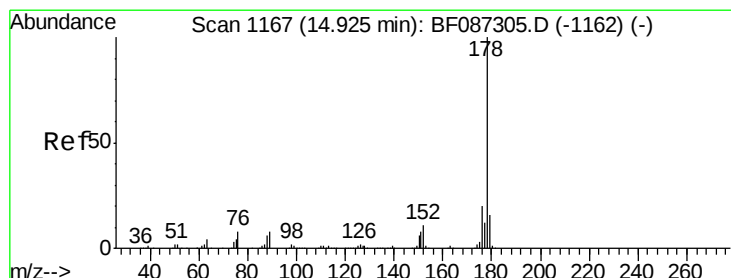
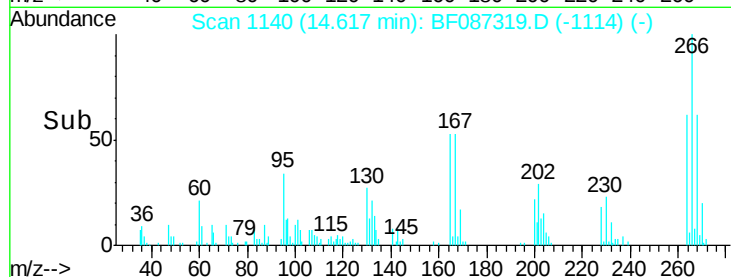
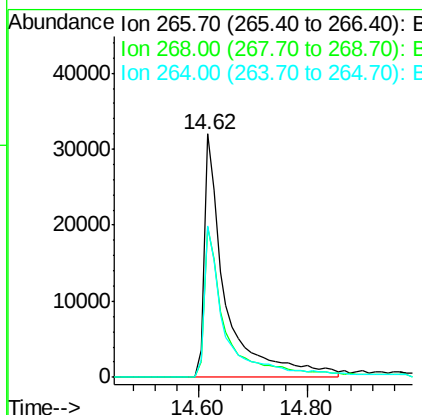
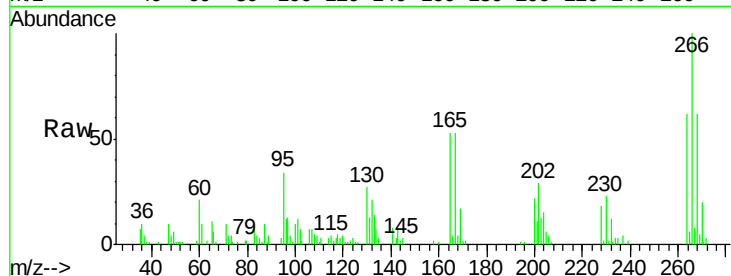
#69
 Pentachlorophenol
 Concen: 39.90 ng
 RT: 14.62 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	86302		
268	61.9	51.5	77.3	
264	62.3	52.9	79.3	

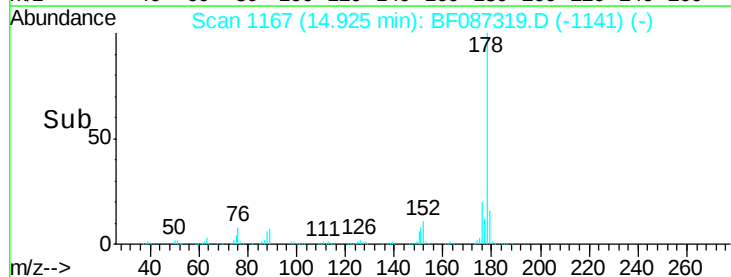
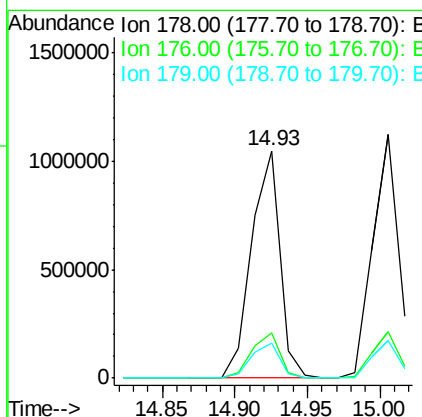
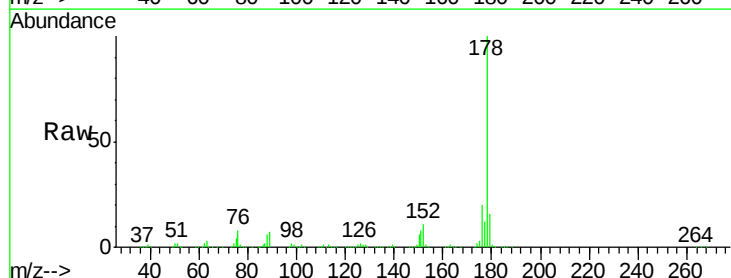
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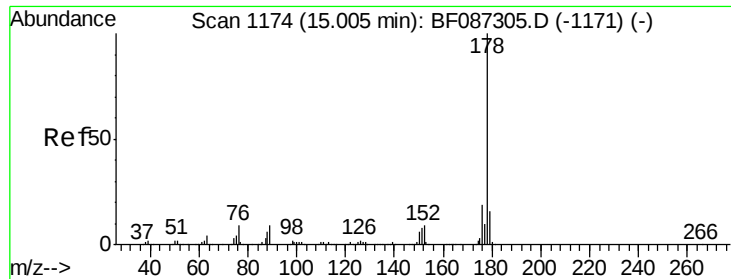
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#70
 Phenanthrene
 Concen: 38.97 ng
 RT: 14.93 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1433634		
176	20.1	16.0	24.0	
179	15.7	12.6	18.8	





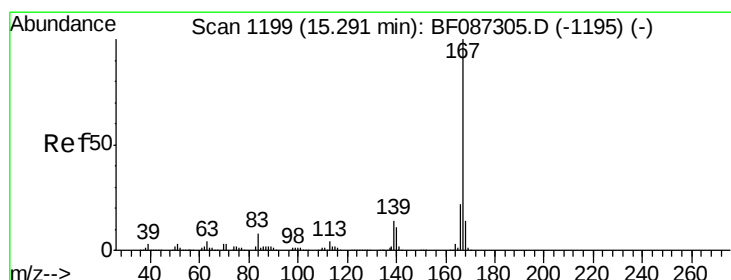
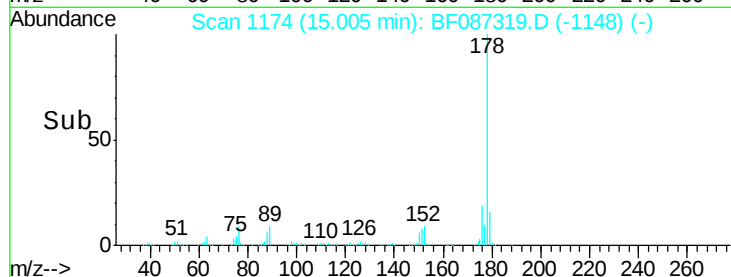
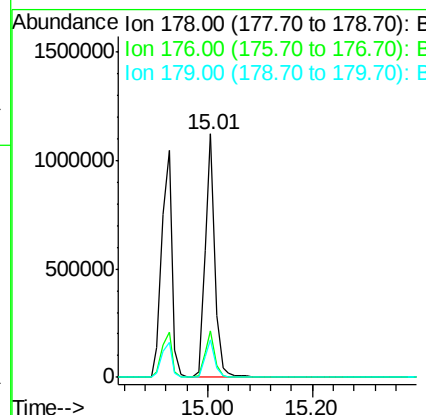
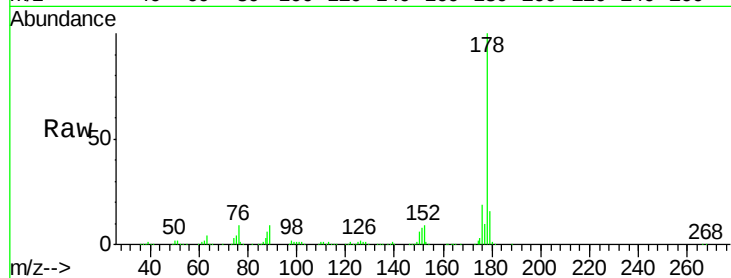
#71
 Anthracene
 Concen: 39.10 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:178 Resp: 1452790
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.6 23.4
 179 15.7 12.7 19.1

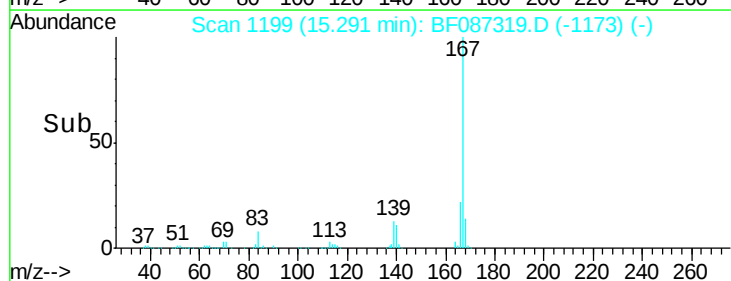
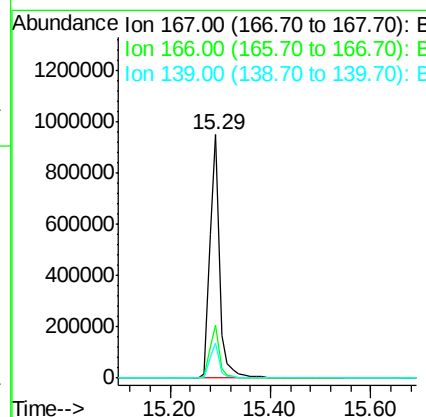
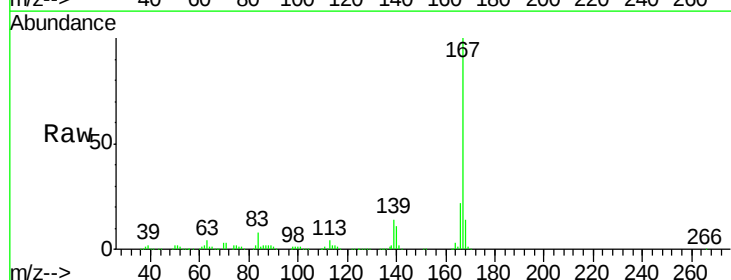
Manual Integrations
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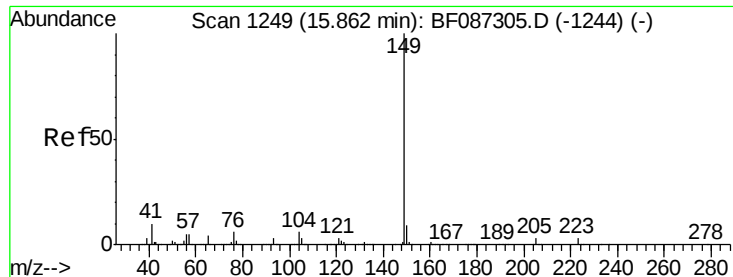
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#72
 Carbazole
 Concen: 40.17 ng
 RT: 15.29 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

Tgt Ion:167 Resp: 1273205
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 14.2 10.8 16.2





#73

Di-n-butylphthalate

Concen: 40.74 ng

RT: 15.86 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:149 Resp: 1669904

Ion Ratio Lower Upper

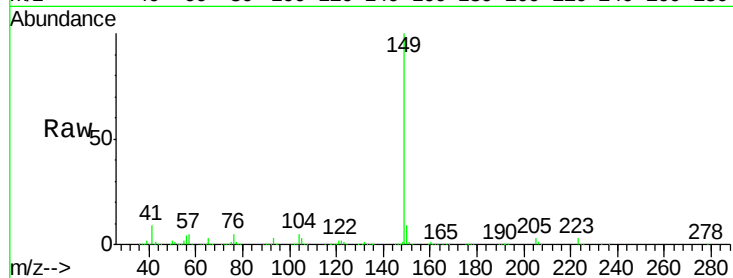
149 100

150 9.3 7.6 11.4

104 5.2 3.8 5.6

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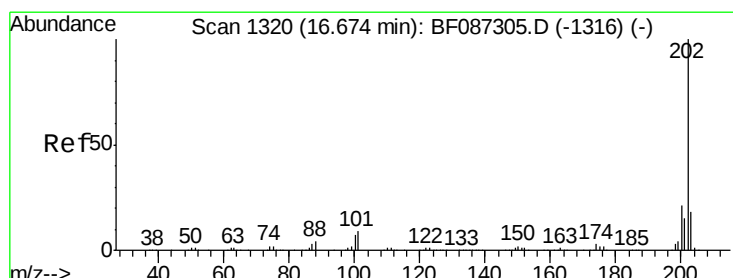
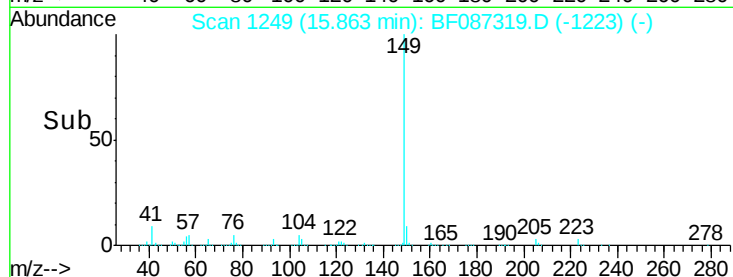
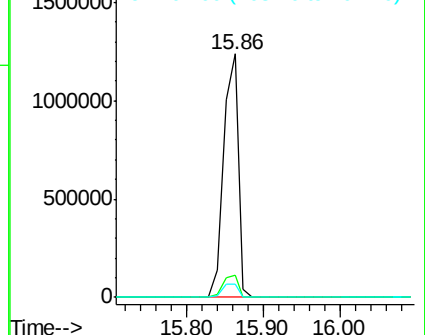
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.92 ng

RT: 16.66 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

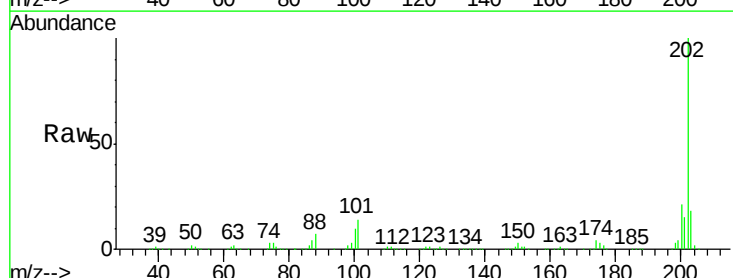
Tgt Ion:202 Resp: 1435668

Ion Ratio Lower Upper

202 100

101 13.6 0.0 35.4

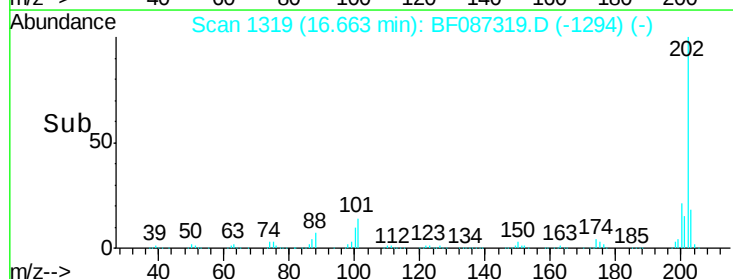
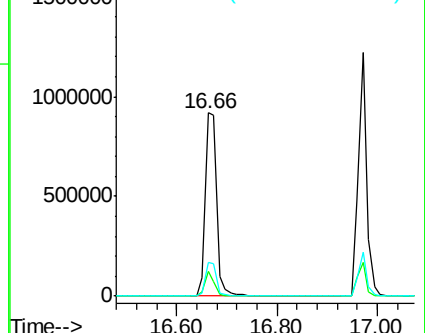
203 18.0 0.0 38.1

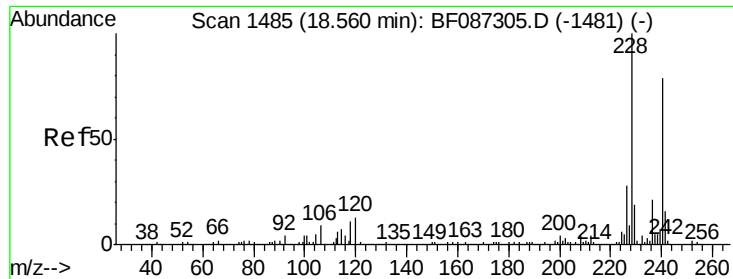


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.56 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Instrument :

BNA_F

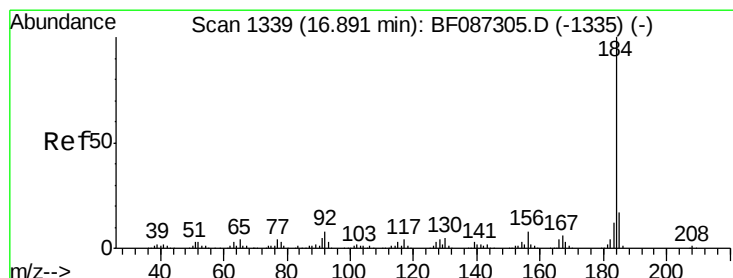
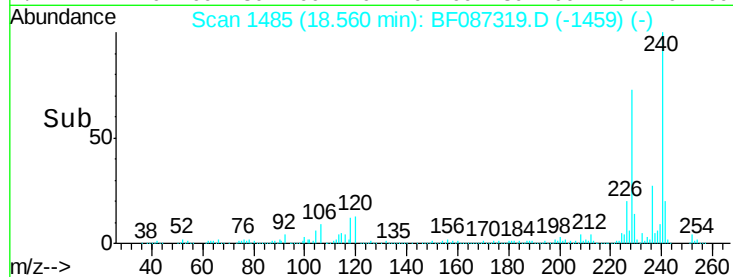
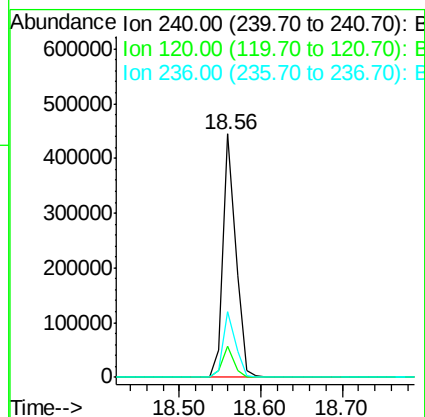
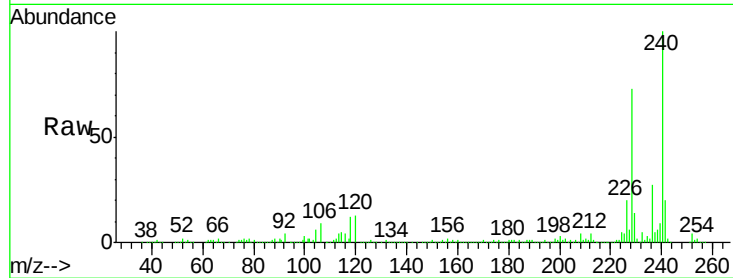
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	240	Resp:	482986
Ion Ratio	Lower	Upper	
240	100		
120	12.9	11.2	16.8
236	26.8	21.2	31.8

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#76

Benzidine

Concen: 39.55 ng

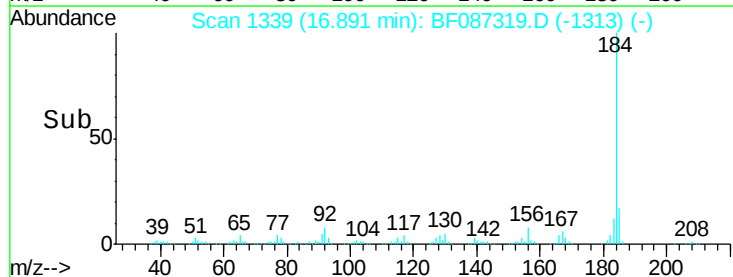
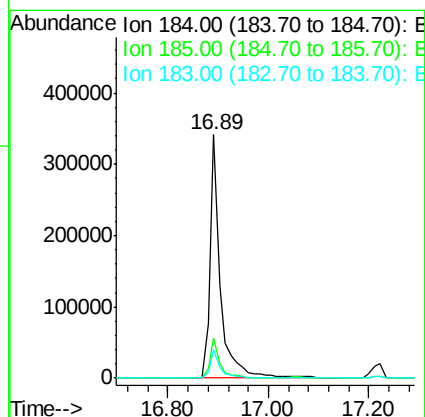
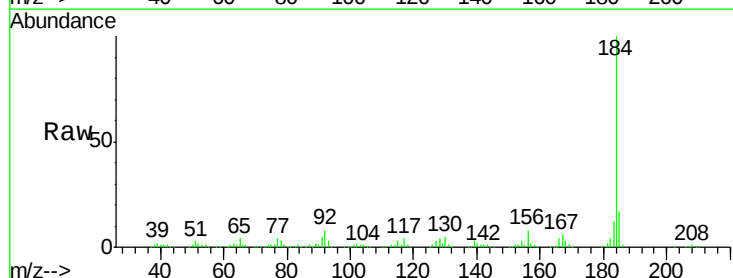
RT: 16.89 min Scan# 1339

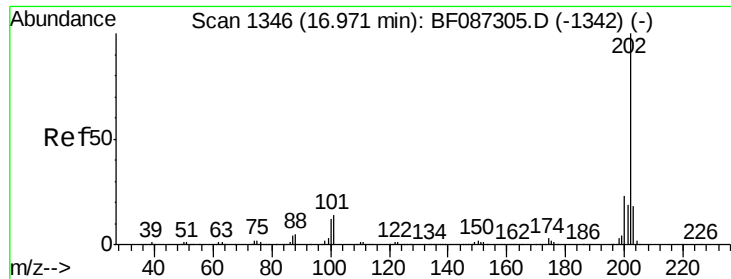
Delta R.T. 0.00 min

Lab File: BF087319.D

Acq: 24 May 2016 1:40

Tgt Ion:	184	Resp:	491481
Ion Ratio	Lower	Upper	
184	100		
185	16.6	13.6	20.4
183	11.9	9.8	14.6





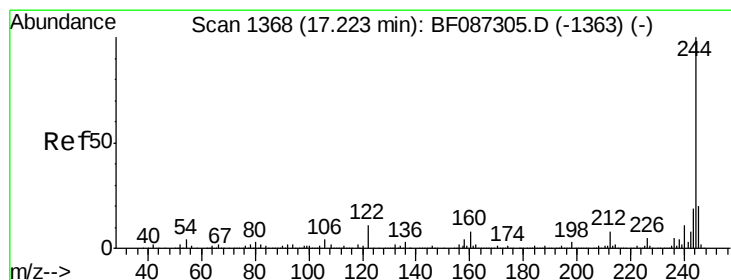
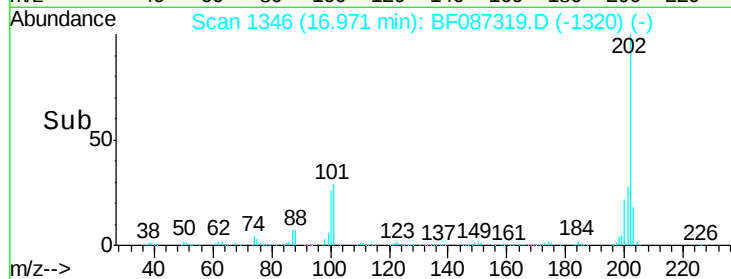
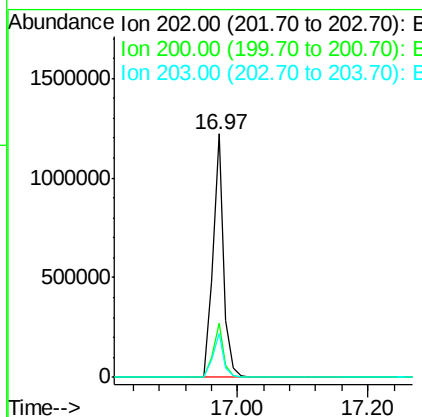
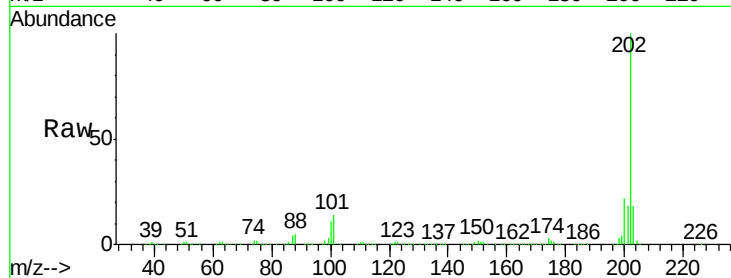
#77
 Pyrene
 Concen: 40.80 ng
 RT: 16.97 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	17.9	14.2	21.4

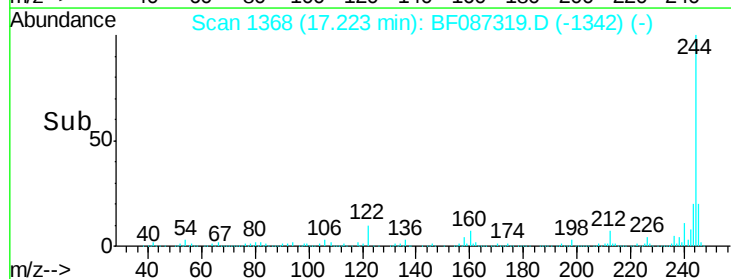
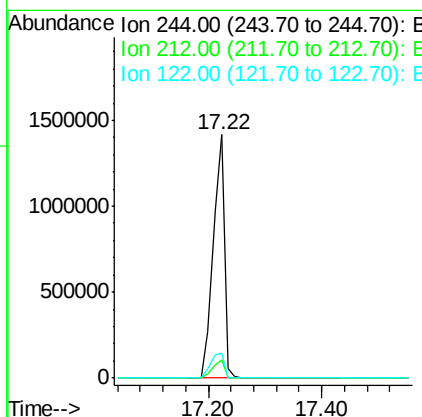
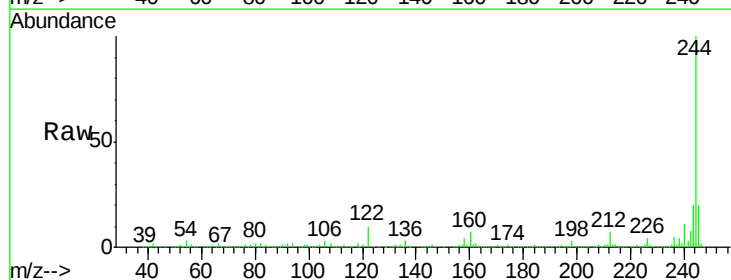
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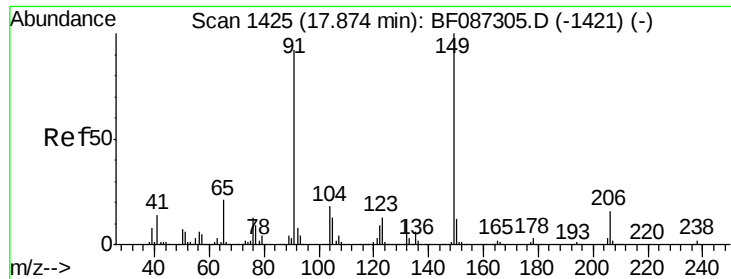
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#78
 Terphenyl-d14
 Concen: 83.24 ng
 RT: 17.22 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	10.0	12.0	18.0





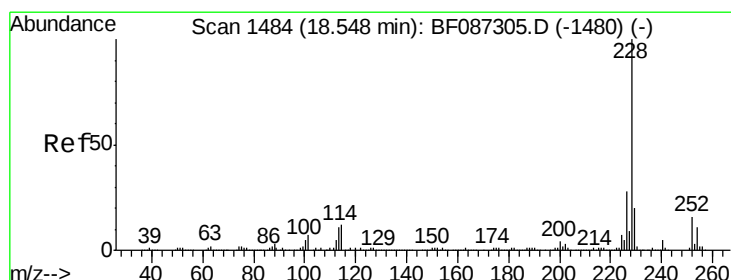
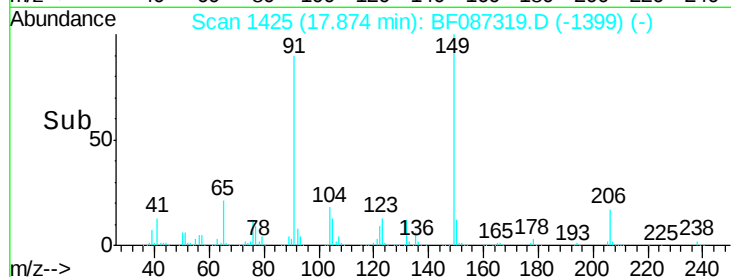
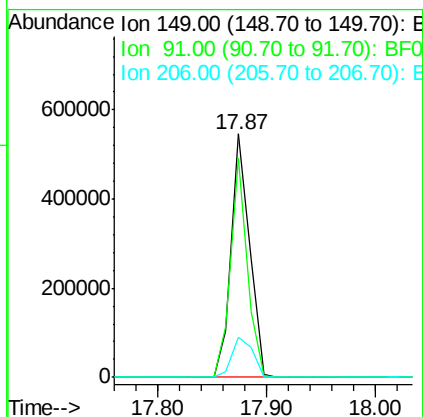
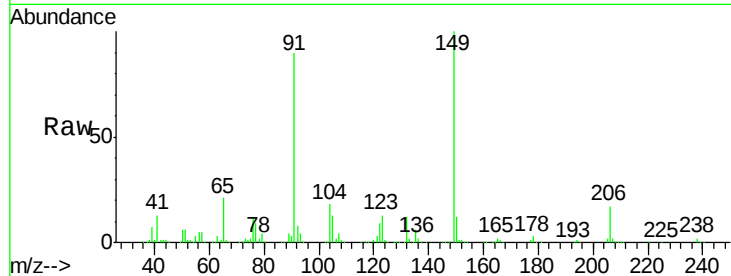
#79
Butylbenzylphthalate
Concen: 41.16 ng
RT: 17.87 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	634590		
91	89.9	48.0	72.0#	
206	16.7	15.8	23.6	

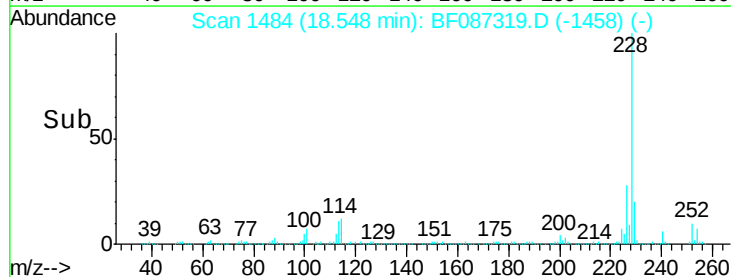
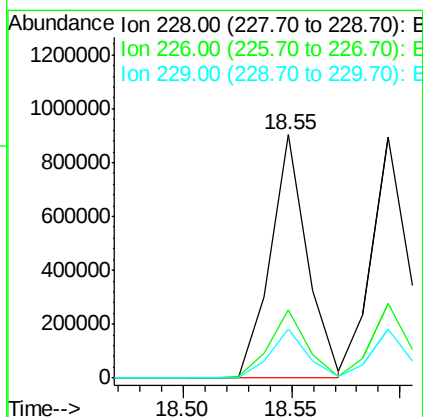
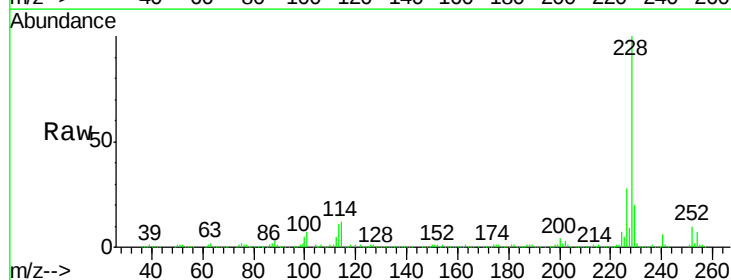
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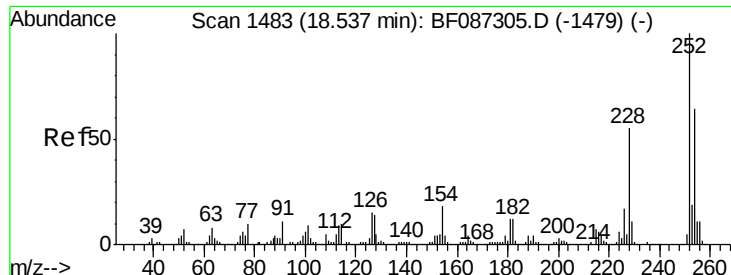
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#80
Benzo(a)anthracene
Concen: 38.88 ng
RT: 18.55 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1068257		
226	28.2	22.5	33.7	
229	20.1	16.6	25.0	





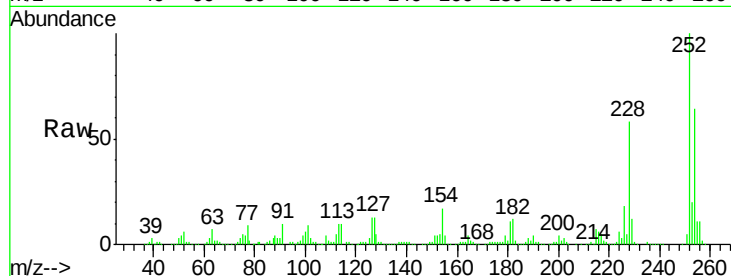
#81
 3,3'-Dichlorobenzidine
 Concen: 39.86 ng
 RT: 18.54 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

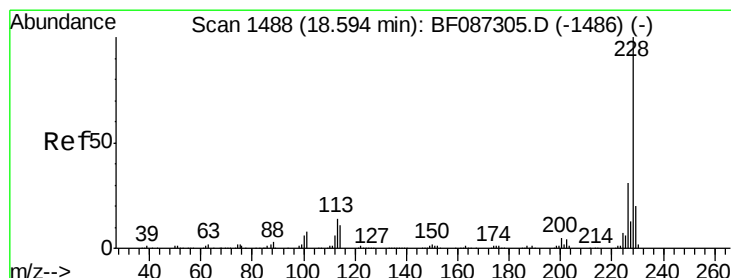
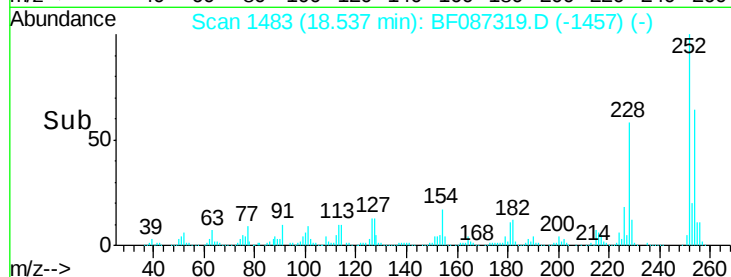
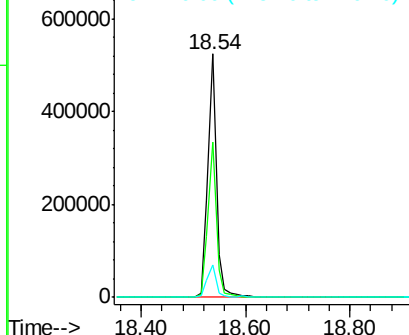
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	604915		
254	63.9	50.7	76.1	
126	13.4	12.7	19.1	

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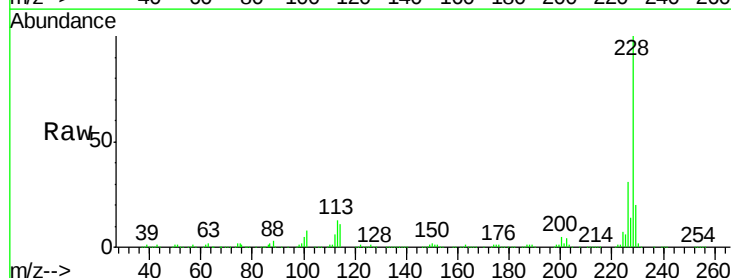


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

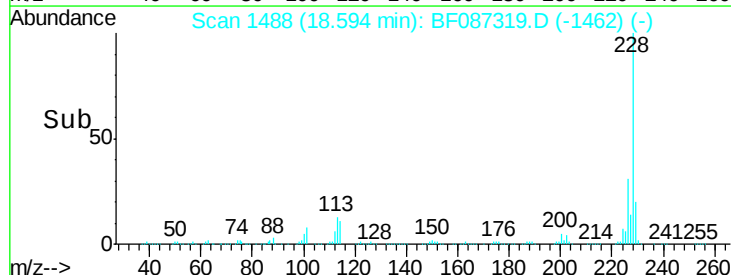
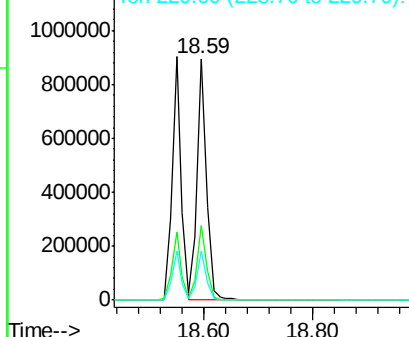


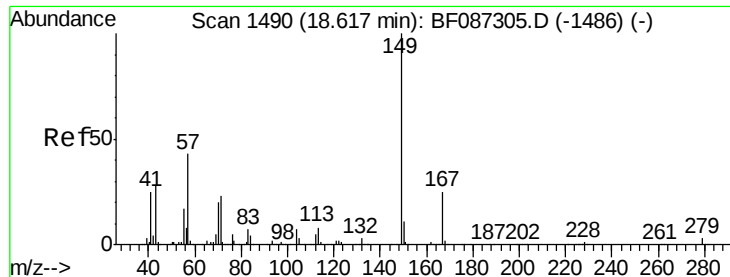
#82
 Chrysene
 Concen: 38.92 ng
 RT: 18.59 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1061061		
226	31.1	24.4	36.6	
229	20.1	15.8	23.8	



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





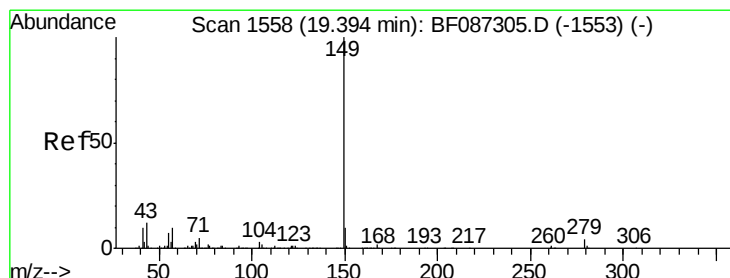
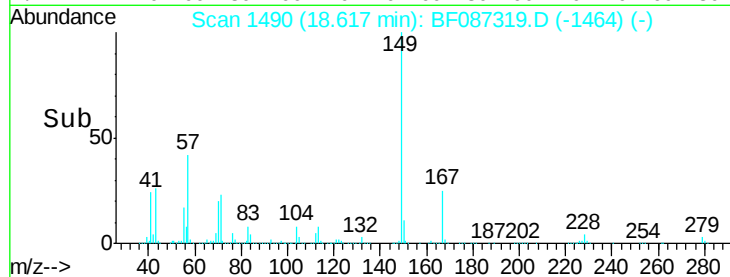
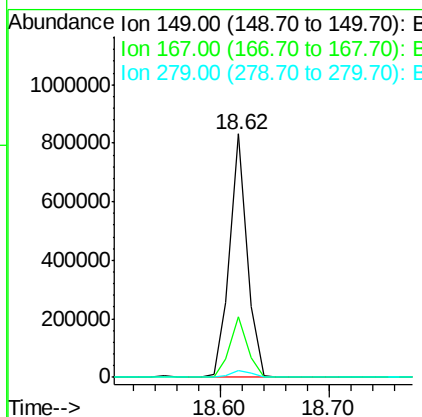
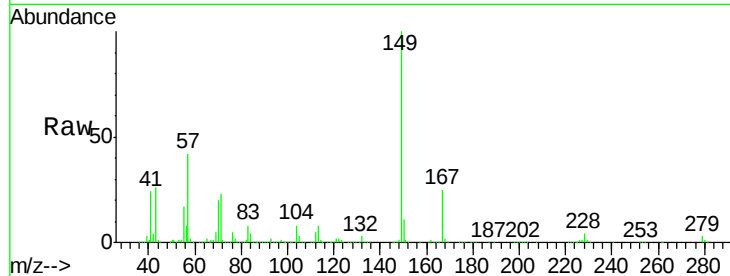
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.18 ng
 RT: 18.62 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	926513		
167	25.1	21.8	32.6	
279	2.6	2.6	4.0#	

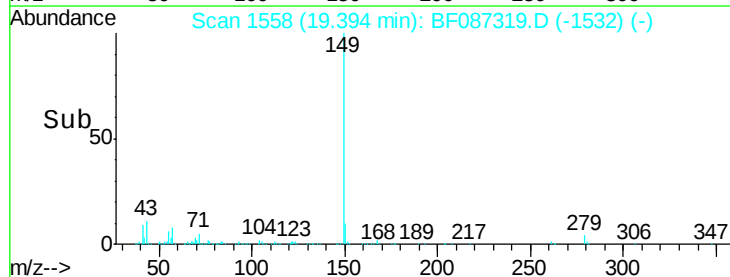
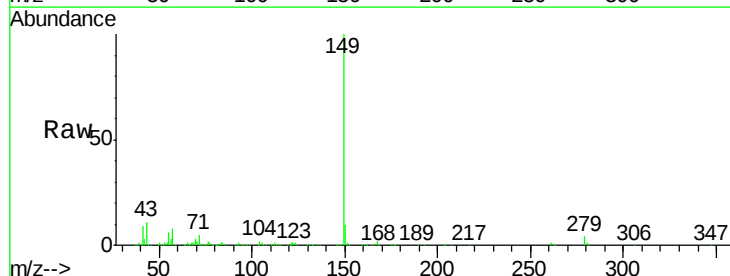
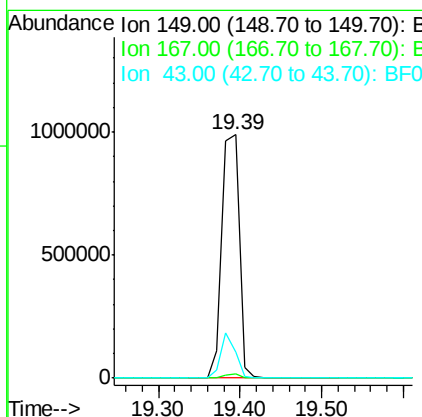
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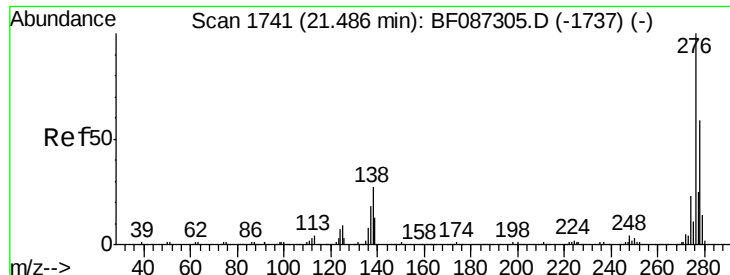
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#84
 Di-n-octyl phthalate
 Concen: 42.49 ng
 RT: 19.39 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1457778		
167	1.5	1.2	1.8	
43	15.8	8.2	12.4#	





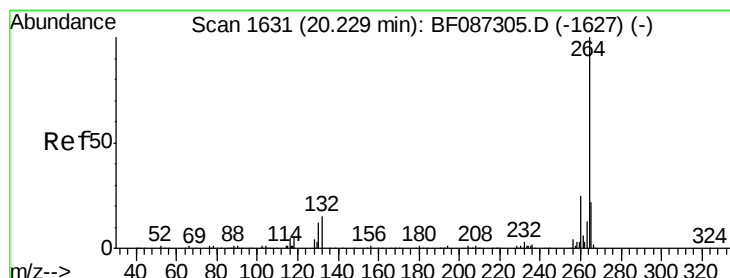
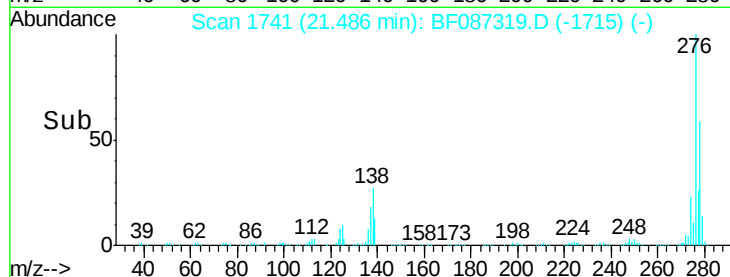
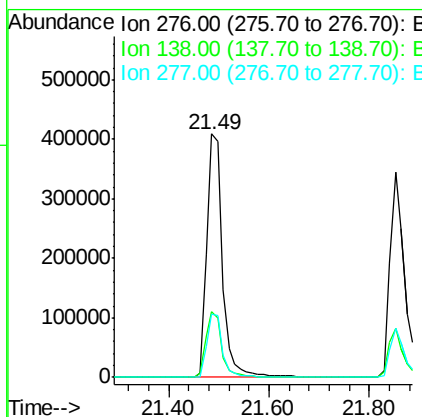
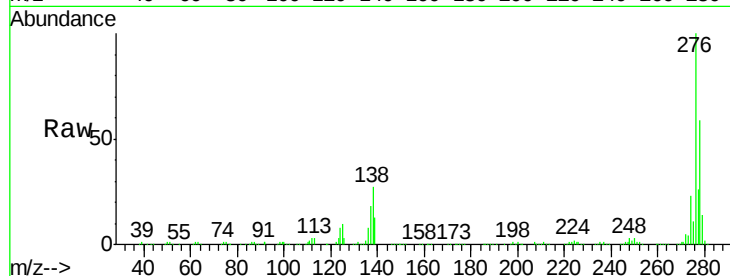
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.81 ng
 RT: 21.49 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040EC

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		892044		
138	27.3	25.6	38.4		
277	25.9	20.5	30.7		

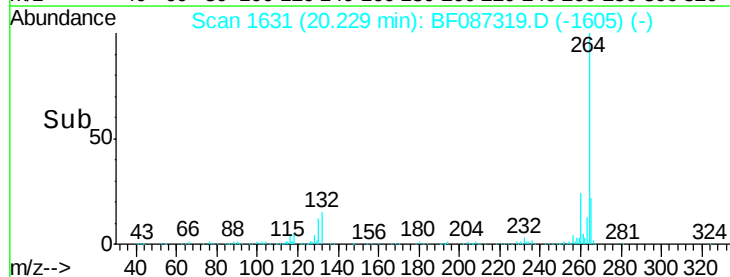
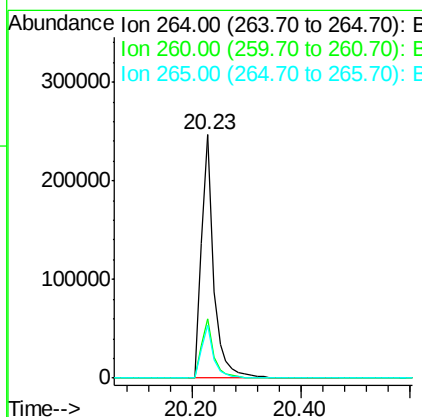
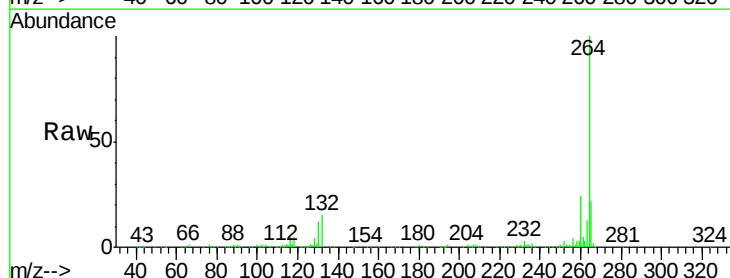
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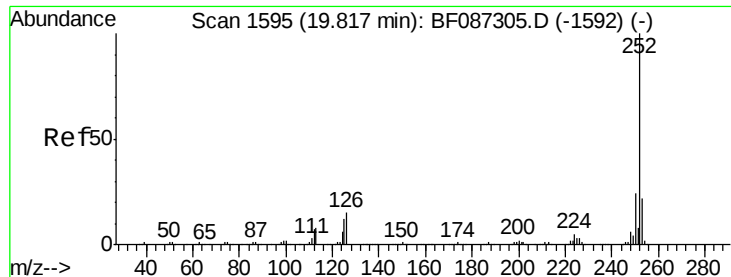
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.23 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

Tgt	Ion	Ratio	Resp	Lower	Upper
264	100		380612		
260	24.5	19.5	29.3		
265	21.6	17.3	25.9		





#87

Benzo(b)fluoranthene

Concen: 34.70 ng m

RT: 19.82 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BF087319.D

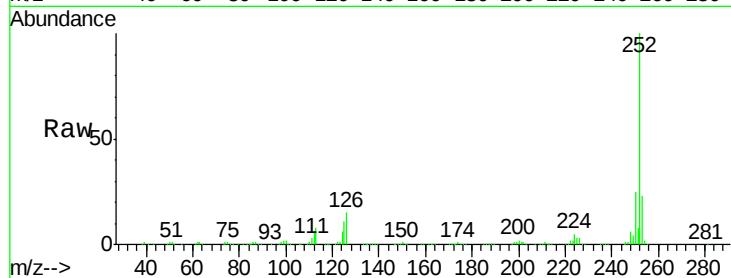
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Instrument :

BNA_F

ClientSampleId :

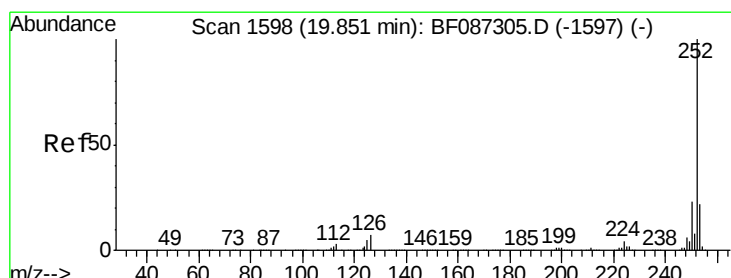
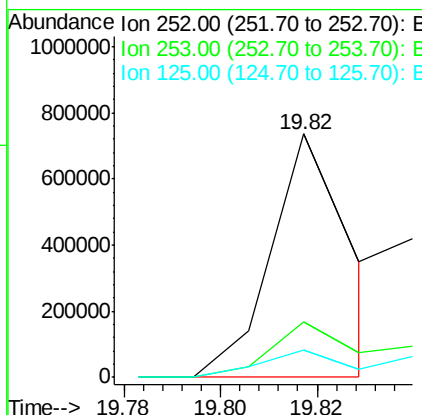
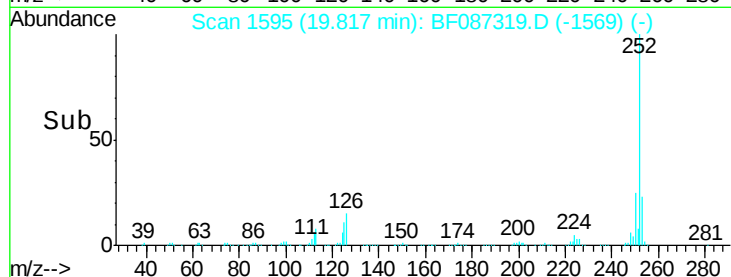
SSTDCCC040EC



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	11.5	11.4	17.0

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#88

Benzo(k)fluoranthene

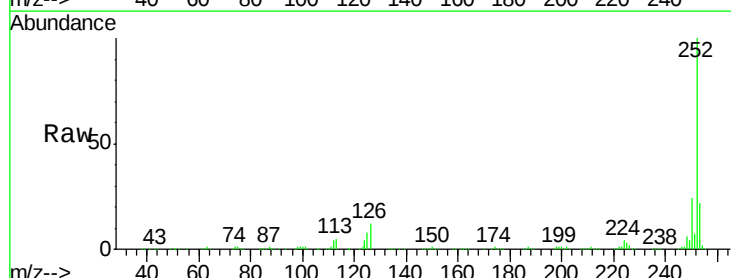
Concen: 45.75 ng m

RT: 19.85 min Scan# 1598

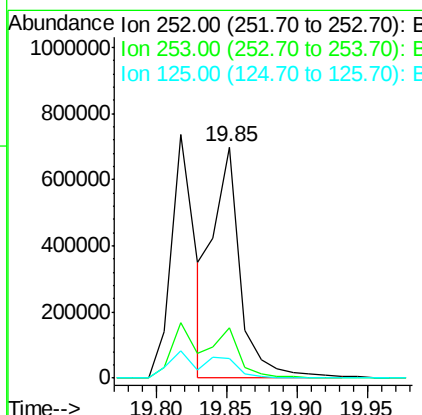
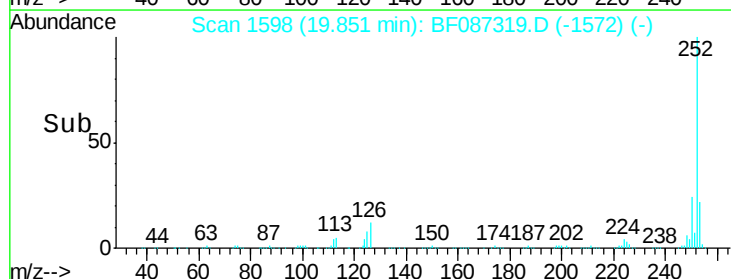
Delta R.T. 0.00 min

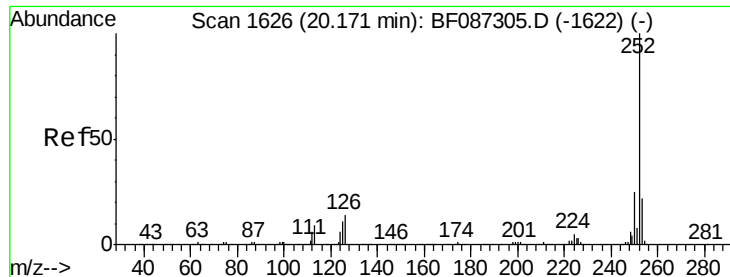
Lab File: BF087319.D

Acq: 24 May 2016 1:40



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	8.3	9.1	13.7#





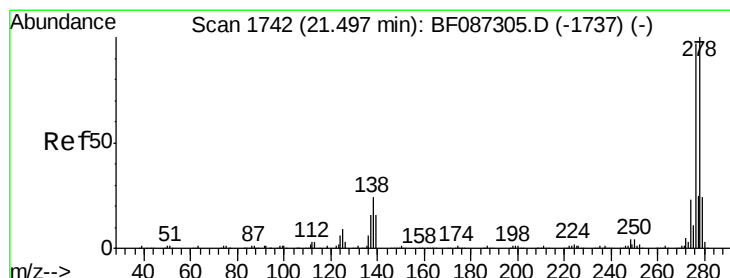
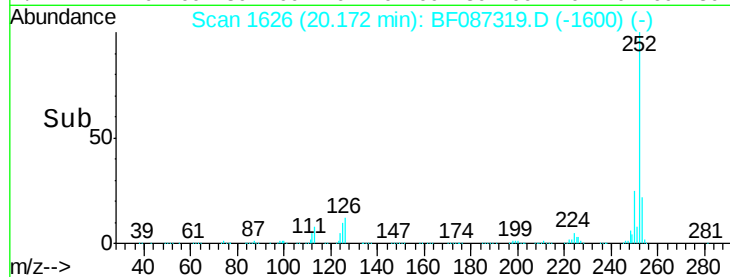
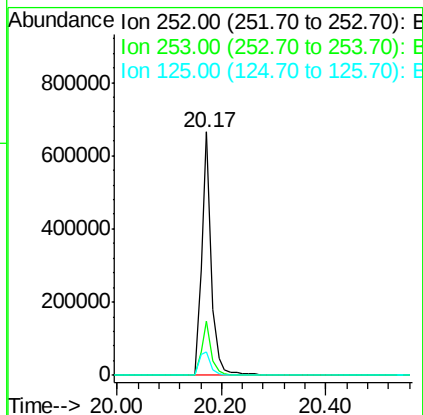
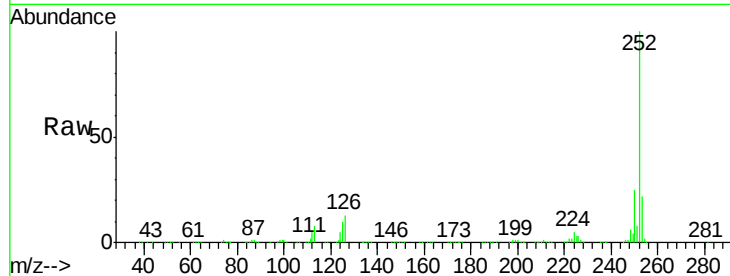
#89
Benzo(a)pyrene
Concen: 40.14 ng
RT: 20.17 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	9.9	9.0	13.6

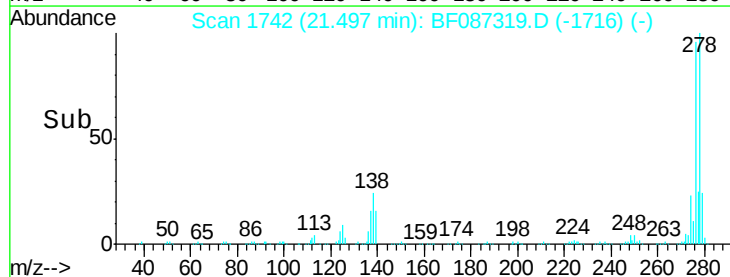
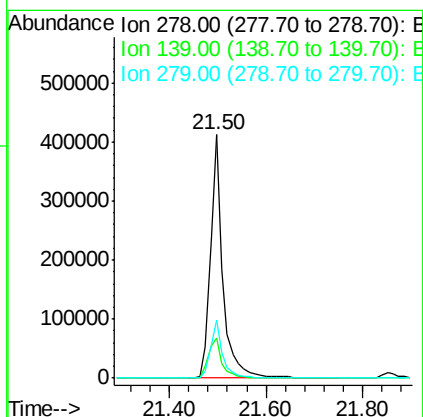
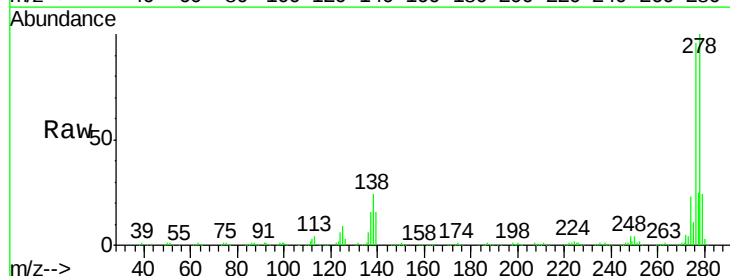
Manual Integrations
APPROVED

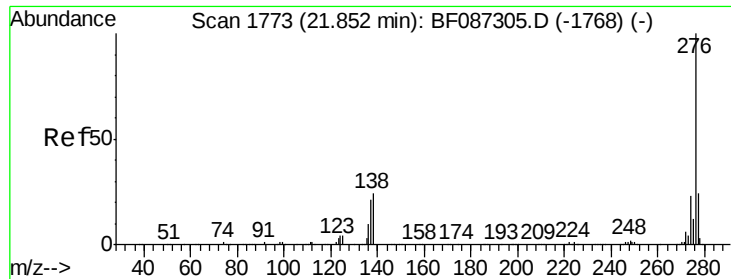
umangi
5/24/2016 7:39:33 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.87 ng
RT: 21.50 min Scan# 1742
Delta R.T. 0.00 min
Lab File: BF087319.D
Acq: 24 May 2016 1:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.2	16.6	24.8#
279	23.8	19.6	29.4





#91
 Benzo(g,h,i)perylene
 Concen: 42.43 ng
 RT: 21.85 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BF087319.D
 Acq: 24 May 2016 1:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	276	Resp:	748721
Ion Ratio		Lower	Upper
276	100		
277	23.8	19.6	29.4
138	24.0	23.6	35.4

Manual Integrations
 APPROVED

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