

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087302.D
 Acq On : 23 May 2016 16:01
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

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 5/24/2016 7:39:00 PM

Quant Time: May 24 01:48:27 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 00:59:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	148091	20.00	ng	0.01
21) Naphthalene-d8	9.66	136	594640	20.00	ng	0.01
38) Acenaphthene-d10	12.48	164	261533	20.00	ng	0.00
63) Phenanthrene-d10	14.89	188	491055	20.00	ng	0.01
75) Chrysene-d12	18.57	240	346931	20.00	ng	0.01
86) Perylene-d12	20.23	264	284190	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1361784	154.13	ng	0.01
7) Phenol-d6	7.19	99	1789852	152.50	ng	0.02
23) Nitrobenzene-d5	8.56	82	1890356	157.18	ng	0.02
41) 2,4,6-Tribromophenol	13.79	330	405980	144.13	ng	0.01
44) 2-Fluorobiphenyl	11.44	172	2622730	163.22	ng	0.01
78) Terphenyl-d14	17.22	244	2626771	166.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.94	88	331959	73.89	ng	# 73
3) Pyridine	2.55	79	803840	74.84	ng	# 67
4) n-Nitrosodimethylamine	2.55	42	604163	78.87	ng	# 47
6) Aniline	7.13	93	1119818	74.49	ng	95
8) 2-Chlorophenol	7.31	128	794629	74.40	ng	96
10) Phenol	7.20	94	954776	66.90	ng	79
11) bis(2-Chloroethyl)ether	7.27	93	771167	69.20	ng	84
12) 1,3-Dichlorobenzene	7.52	146	842740	74.29	ng	# 93
13) 1,4-Dichlorobenzene	7.64	146	860579	73.90	ng	# 93
14) 1,2-Dichlorobenzene	7.88	146	793505	76.50	ng	98
15) Benzyl Alcohol	7.92	79	706694	80.83	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.10	45	1657870	72.18	ng	86
17) 2-Methylphenol	8.14	107	643712	73.78	ng	# 89
18) Hexachloroethane	8.40	117	319662	72.17	ng	94
19) n-Nitroso-di-n-propylamine	8.36	70	677931	76.77	ng	# 78
20) 3+4-Methylphenols	8.40	107	800083	70.08	ng	# 58
22) Acetophenone	8.32	105	1128818	77.95	ng	# 98
24) Nitrobenzene	8.58	77	976719	75.60	ng	98
25) Isophorone	8.98	82	1674924	76.85	ng	98
26) 2-Nitrophenol	9.07	139	410436	75.72	ng	# 70
27) 2,4-Dimethylphenol	9.22	122	706108	76.64	ng	88
28) bis(2-Chloroethoxy)methane	9.35	93	941471	79.50	ng	98
29) 2,4-Dichlorophenol	9.48	162	625695	76.52	ng	97
30) 1,2,4-Trichlorobenzene	9.58	180	684176	75.16	ng	96
31) Naphthalene	9.69	128	2140556	73.24	ng	98
32) Benzoic acid	9.60	122	395878	74.52	ng	# 78
33) 4-Chloroaniline	9.84	127	794792	66.76	ng	# 94
34) Hexachlorobutadiene	9.90	225	418966	80.23	ng	99
35) Caprolactam	10.54	113	190428m	73.89	ng	
36) 4-Chloro-3-methylphenol	10.70	107	700623	71.58	ng	91
37) 2-Methylnaphthalene	10.81	142	1348472	72.09	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	11.08	216	643421	82.19	ng	99
40) Hexachlorocyclopentadiene	11.06	237	285765	117.75	ng	95
42) 2,4,6-Trichlorophenol	11.31	196	385448	77.67	ng	93

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Quant Time: May 24 01:48:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	11.39	196	394261	77.17	ng	# 90
45) 1,1'-Biphenyl	11.59	154	1533224	70.29	ng	95
46) 2-Chloronaphthalene	11.61	162	1278653	76.12	ng	98
47) 2-Nitroaniline	11.82	65	504741	79.70	ng	# 76
48) Acenaphthylene	12.26	152	1944688	75.22	ng	99
49) Dimethylphthalate	12.15	163	1615243	80.22	ng	100
50) 2,6-Dinitrotoluene	12.24	165	310589	72.69	ng	# 75
51) Acenaphthene	12.55	154	1198921	74.38	ng	99
52) 3-Nitroaniline	12.51	138	361214	78.07	ng	97
53) 2,4-Dinitrophenol	12.70	184	171533	81.55	ng	# 84
54) Dibenzofuran	12.83	168	1677449	80.00	ng	96
55) 4-Nitrophenol	12.88	139	192119	97.00	ng	# 63
56) 2,4-Dinitrotoluene	12.90	165	470512	84.55	ng	94
57) Fluorene	13.38	166	1381438	80.40	ng	99
58) 2,3,4,6-Tetrachlorophenol	13.06	232	293208	73.37	ng	99
59) Diethylphthalate	13.29	149	1578316	83.07	ng	99
60) 4-Chlorophenyl-phenylether	13.41	204	698076	87.74	ng	99
61) 4-Nitroaniline	13.53	138	332144	73.66	ng	# 67
62) Azobenzene	13.67	77	1628372	74.42	ng	87
64) 4,6-Dinitro-2-methylphenol	13.57	198	264708	81.90	ng	# 52
65) n-Nitrosodiphenylamine	13.63	169	1201014	77.68	ng	100
66) 4-Bromophenyl-phenylether	14.19	248	397569	76.91	ng	97
67) Hexachlorobenzene	14.27	284	424976	73.55	ng	# 88
69) Pentachlorophenol	14.62	266	142463	68.55	ng	98
70) Phenanthrene	14.93	178	1985885	74.84	ng	99
71) Anthracene	15.02	178	2013309	73.40	ng	99
72) Carbazole	15.30	167	1781189	73.14	ng	99
73) Di-n-butylphthalate	15.86	149	2223986	77.96	ng	# 98
74) Fluoranthene	16.67	202	1849813	68.64	ng	97
77) Pyrene	16.98	202	1990823	79.63	ng	99
79) Butylbenzylphthalate	17.89	149	897066	84.48	ng	# 75
80) Benzo(a)anthracene	18.56	228	1541188	76.31	ng	99
81) 3,3'-Dichlorobenzidine	18.55	252	843270	67.33	ng	# 96
82) Chrysene	18.61	228	1421868	73.23	ng	98
83) Bis(2-ethylhexyl)phthalate	18.63	149	1332535	99.65	ng	99
84) Di-n-octyl phthalate	19.39	149	1911038	83.35	ng	# 81
85) Indeno(1,2,3-cd)pyrene	21.50	276	1291118	76.34	ng	95
87) Benzo(b)fluoranthene	19.83	252	1325571	68.29	ng	# 95
88) Benzo(k)fluoranthene	19.85	252	1219764m	89.82	ng	
89) Benzo(a)pyrene	20.17	252	1172578	74.75	ng	# 97
90) Dibenzo(a,h)anthracene	21.51	278	1075298	80.83	ng	# 95
91) Benzo(g,h,i)perylene	21.86	276	1098835	82.34	ng	# 93

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

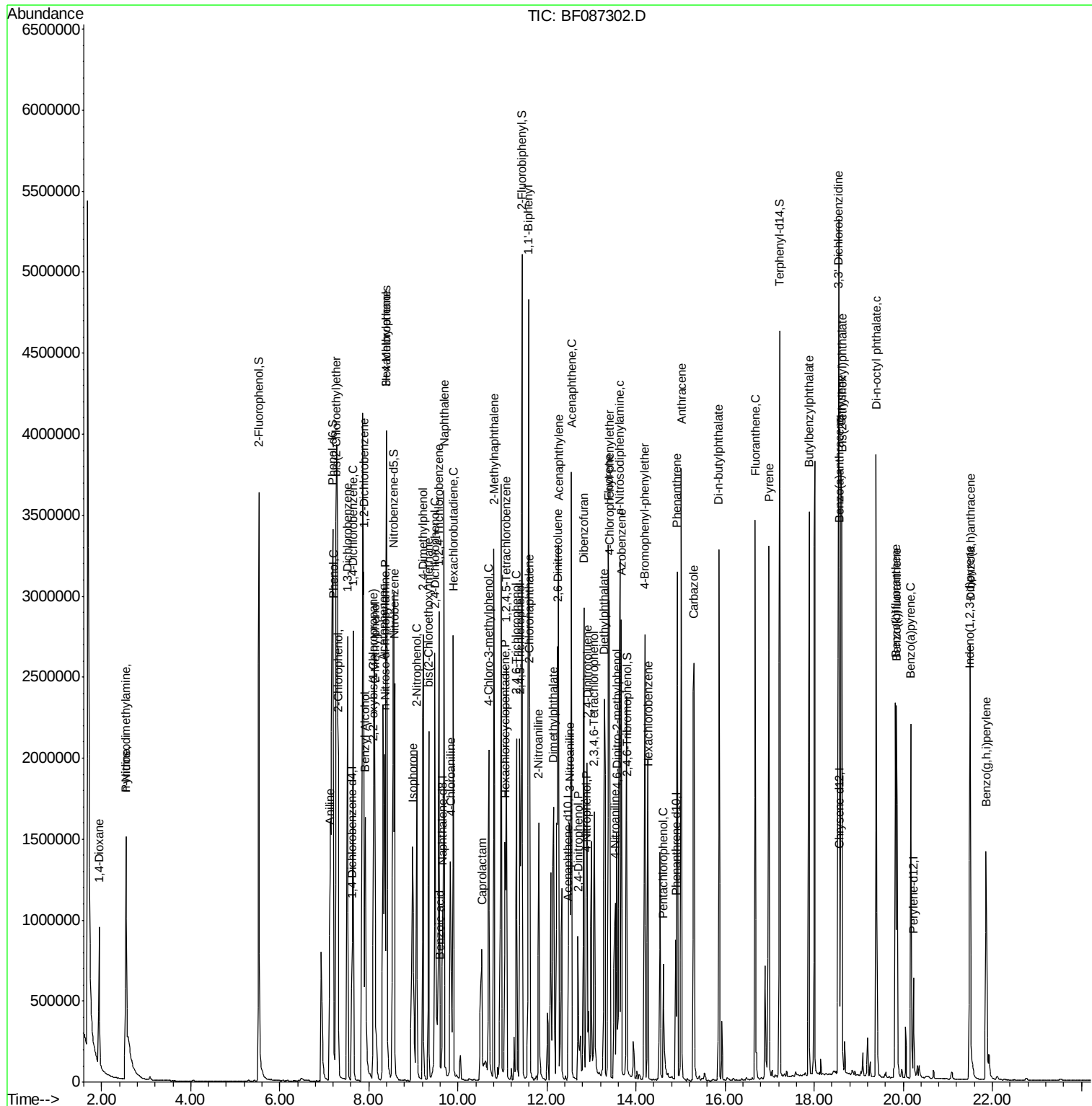
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
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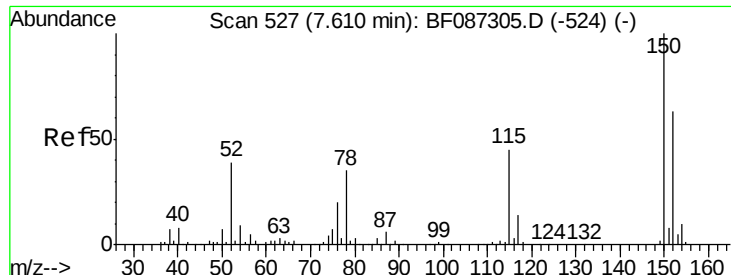
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.62 min Scan# 528

Delta R.T. 0.01 min

Lab File: BF087302.D

Acq: 23 May 2016 16:01

Instrument :

BNA_F

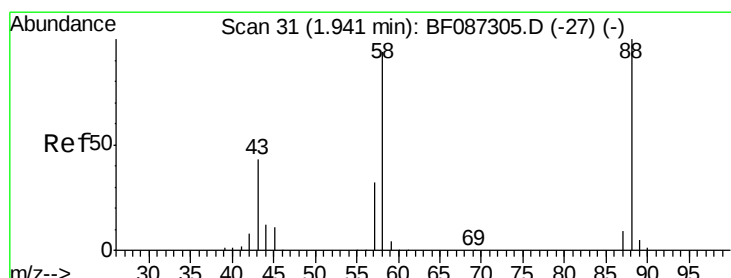
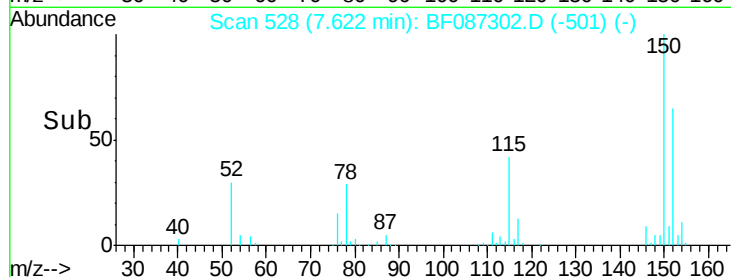
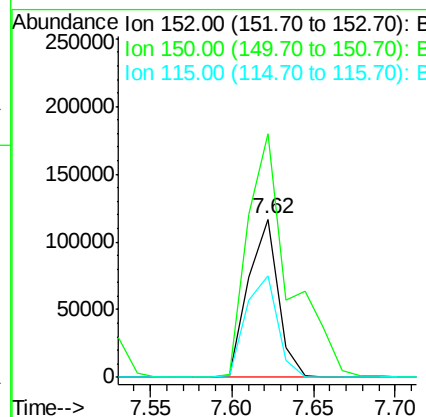
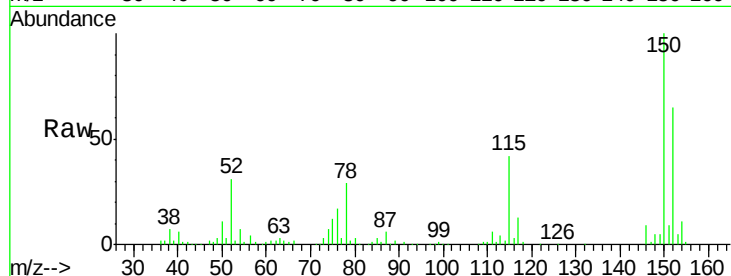
ClientSampleId :

SSTDIC080

Tgt Ion:	152	Resp:	148091
Ion Ratio	Lower	Upper	
152	100		
150	154.0	125.8	188.6
115	64.0	51.5	77.3

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#2

1,4-Dioxane

Concen: 73.89 ng

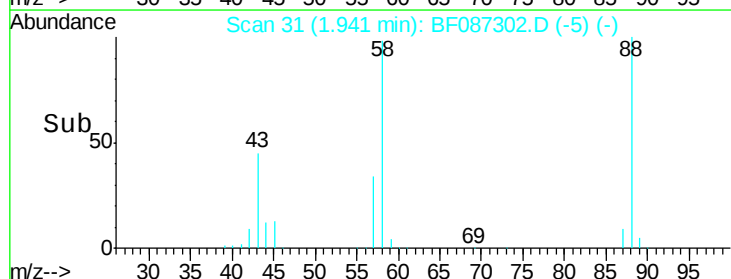
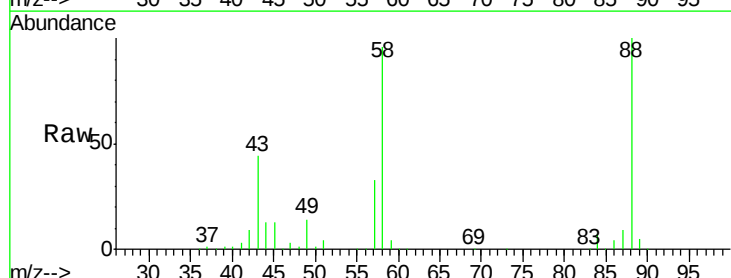
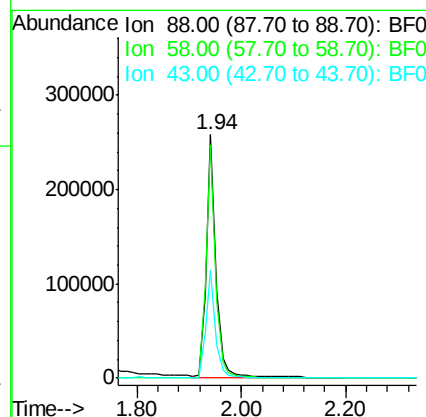
RT: 1.94 min Scan# 31

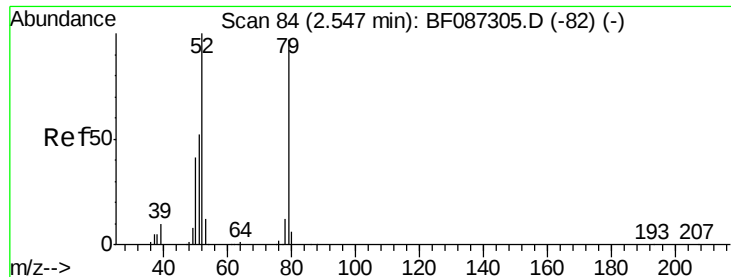
Delta R.T. 0.00 min

Lab File: BF087302.D

Acq: 23 May 2016 16:01

Tgt Ion:	88	Resp:	331959
Ion Ratio	Lower	Upper	
88	100		
58	94.8	59.6	89.4#
43	44.9	21.8	32.6#





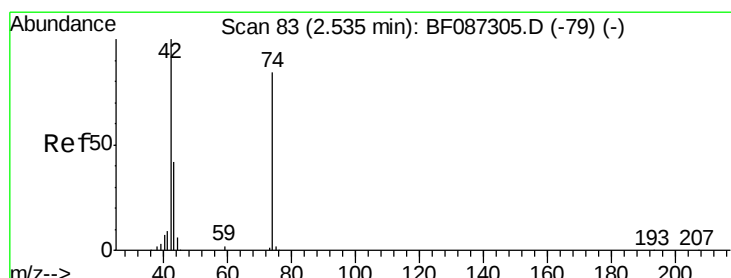
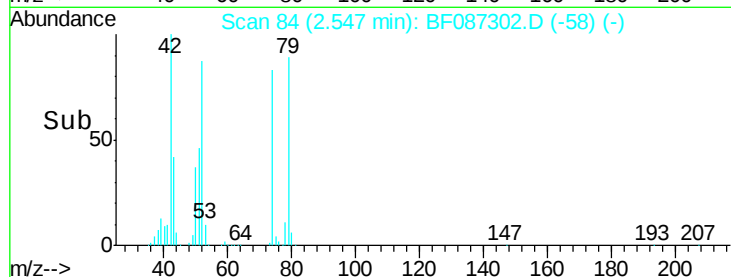
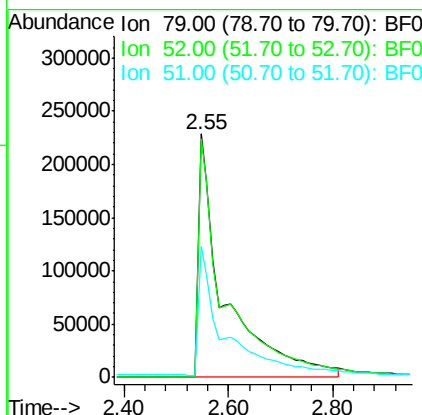
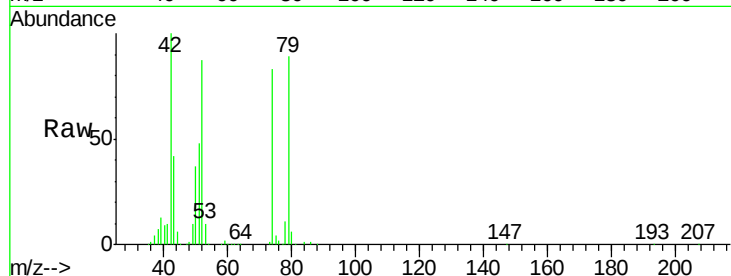
#3
 Pyridine
 Concen: 74.84 ng
 RT: 2.55 min Scan# 84
 Delta R.T. 0.00 min
 Lab File: BF087302.D
 Acq: 23 May 2016 16:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Lower	Upper
79	100		
52	98.1	55.9	83.9#
51	53.6	28.1	42.1#

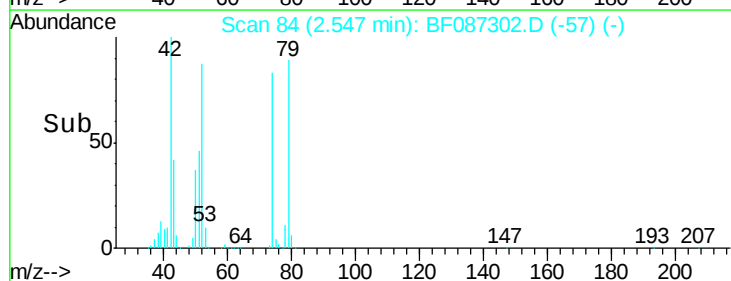
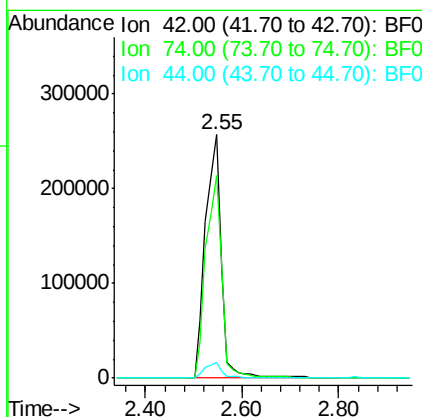
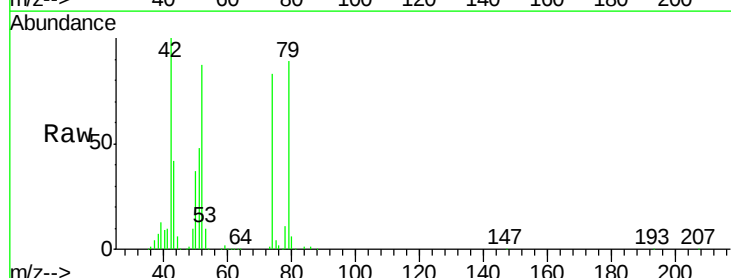
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#4
 n-Nitrosodimethylamine
 Concen: 78.87 ng
 RT: 2.55 min Scan# 84
 Delta R.T. 0.01 min
 Lab File: BF087302.D
 Acq: 23 May 2016 16:01

Tgt Ion	Ratio	Lower	Upper
42	100		
74	83.4	123.4	185.0#
44	6.3	5.8	8.6





#5

2-Fluorophenol

Concen: 154.13 ng

RT: 5.53 min Scan# 345

Delta R.T. 0.01 min

Lab File: BF087302.D

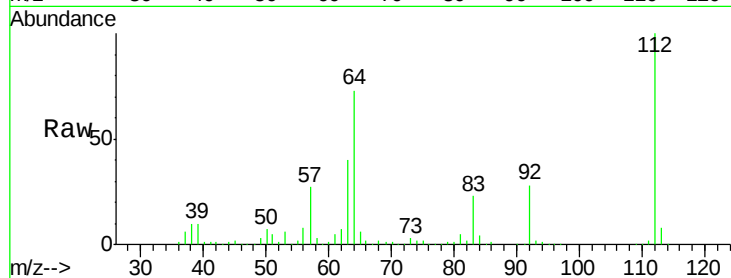
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Instrument :

BNA_F

ClientSampleId :

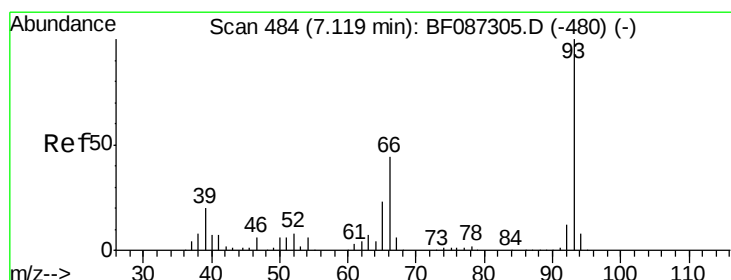
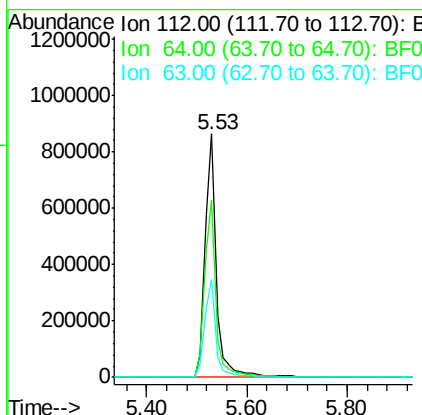
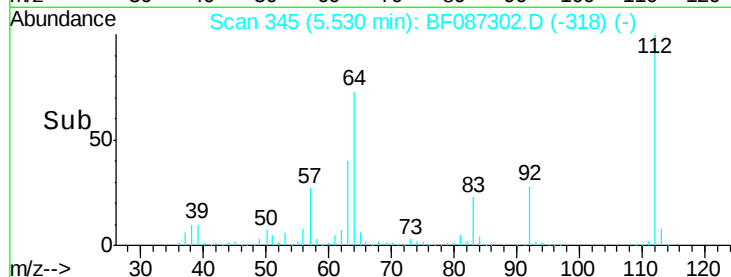
SSTDICC080



Tgt Ion:	112	Resp:	1361784
Ion	Ratio	Lower	Upper
112	100		
64	72.7	52.1	78.1
63	40.0	25.7	38.5#

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#6

Aniline

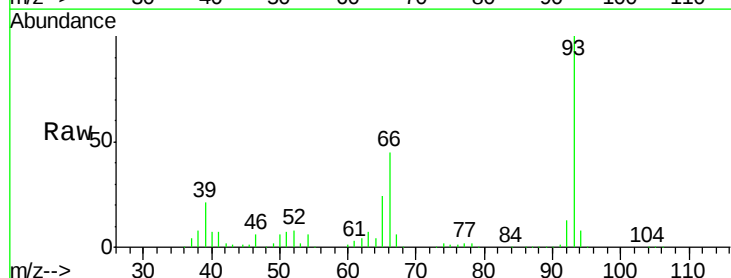
Concen: 74.49 ng

RT: 7.13 min Scan# 485

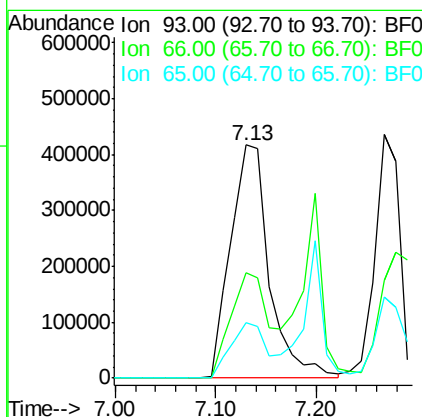
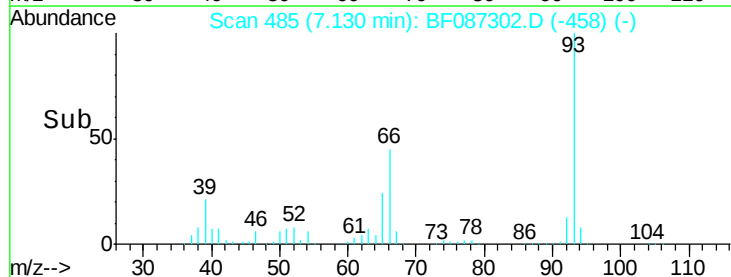
Delta R.T. 0.01 min

Lab File: BF087302.D

Acq: 23 May 2016 16:01



Tgt Ion:	93	Resp:	1119818
Ion	Ratio	Lower	Upper
93	100		
66	45.2	39.0	58.6
65	23.6	20.6	31.0





#7

Phenol-d6

Concen: 152.50 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.02 min

Lab File: BF087302.D

Acq: 23 May 2016 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 99 Resp: 1789852

Ion Ratio Lower Upper

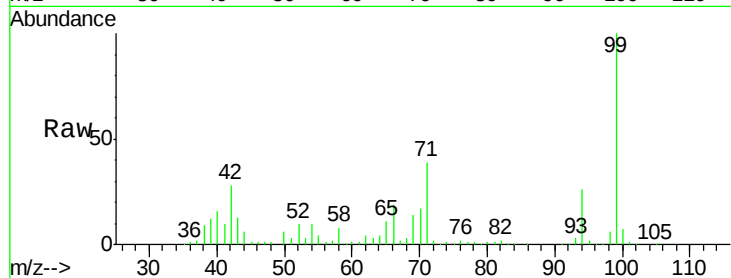
99 100

42 27.7 13.6 20.4#

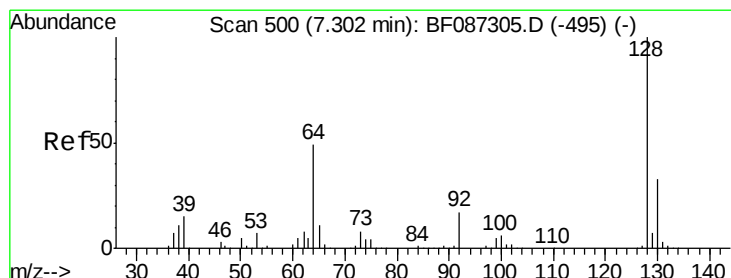
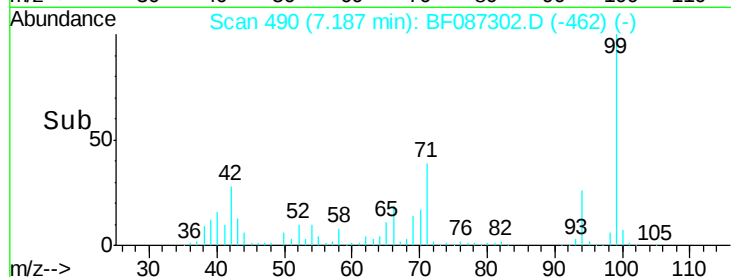
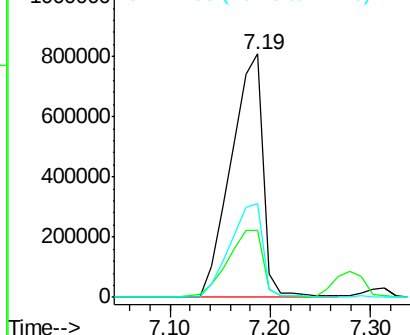
71 38.6 24.6 36.8#

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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



#8

2-Chlorophenol

Concen: 74.40 ng

RT: 7.31 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF087302.D

Acq: 23 May 2016 16:01

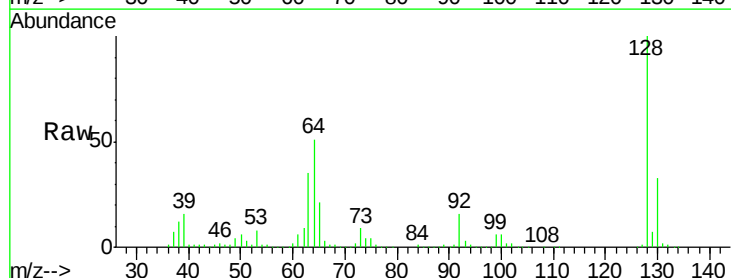
Tgt Ion: 128 Resp: 794629

Ion Ratio Lower Upper

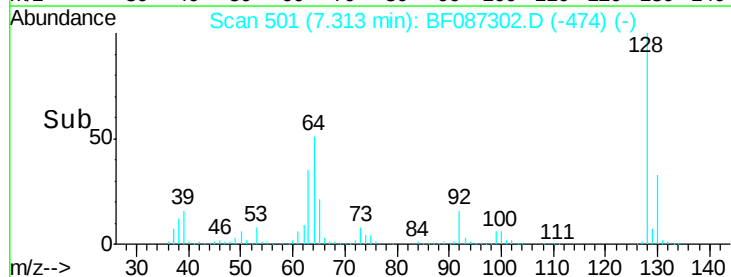
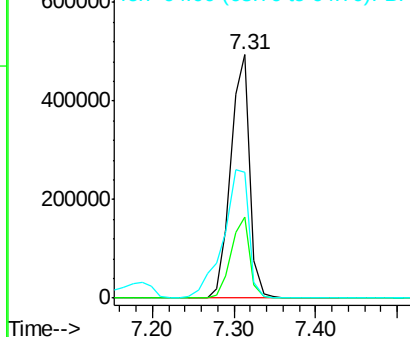
128 100

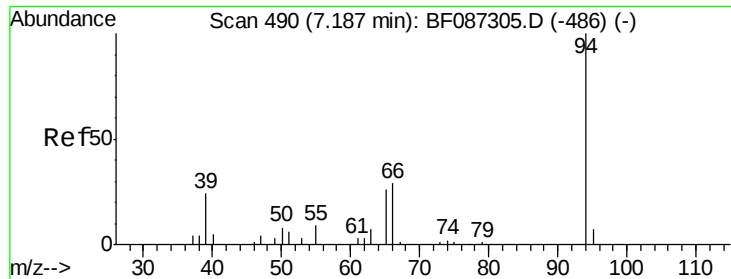
130 33.4 12.5 52.5

64 51.5 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





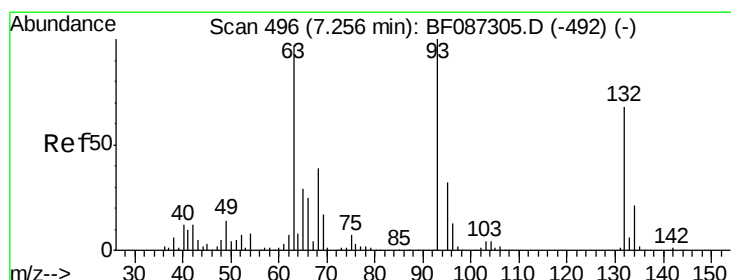
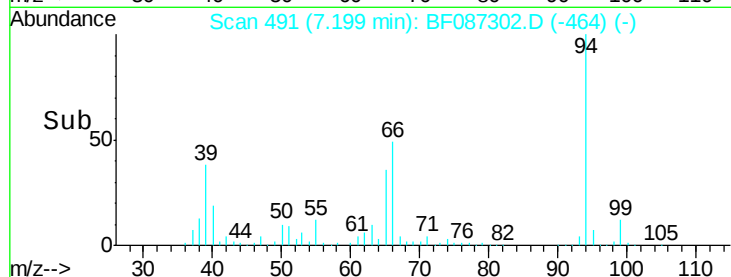
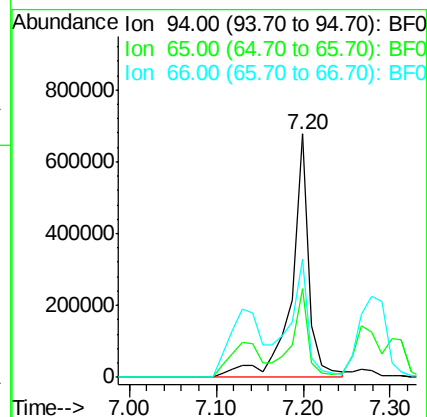
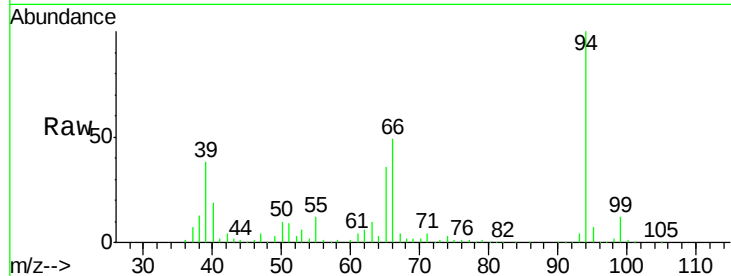
#10
Phenol
Concen: 66.90 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.01 min
Lab File: BF087302.D
Acq: 23 May 2016 16:01

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Tgt Ion	Ratio	Resp	Lower	Upper
94	100	954776		
65	36.4	7.2	47.2	
66	48.7	14.9	54.9	

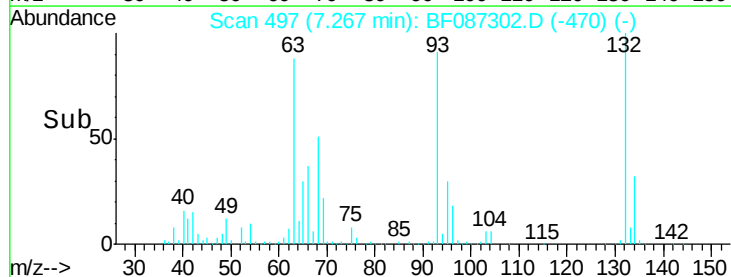
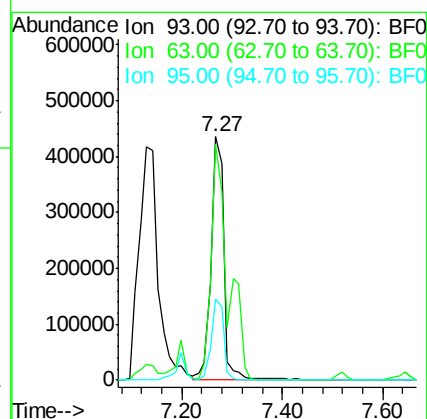
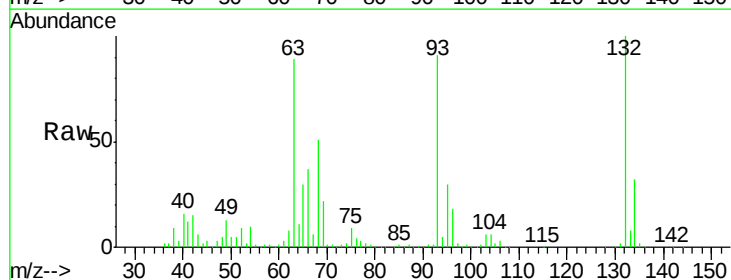
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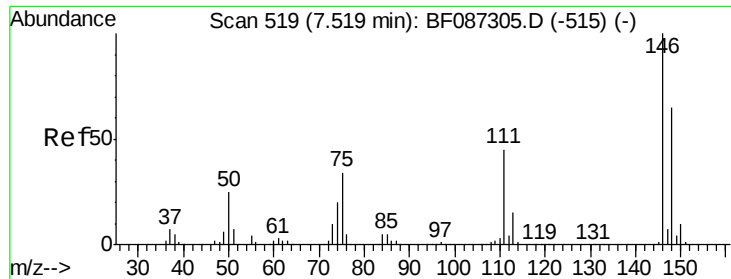
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#11
bis(2-Chloroethyl)ether
Concen: 69.20 ng
RT: 7.27 min Scan# 497
Delta R.T. 0.01 min
Lab File: BF087302.D
Acq: 23 May 2016 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	771167		
63	97.1	58.0	98.0	
95	33.1	11.9	51.9	





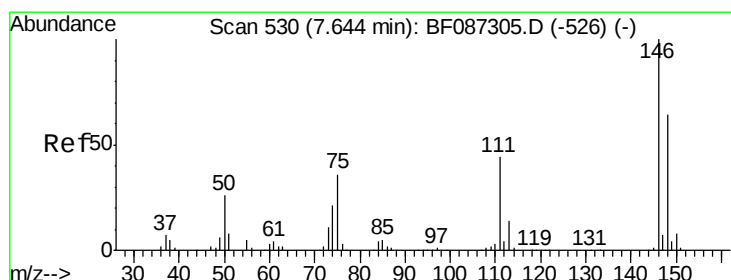
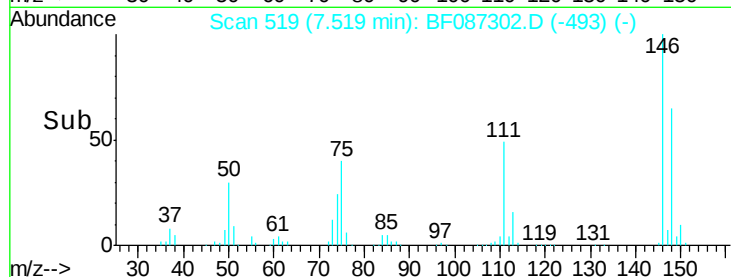
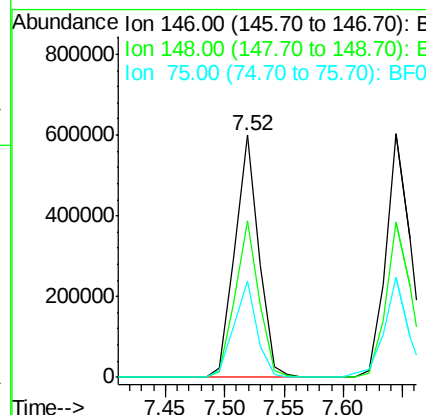
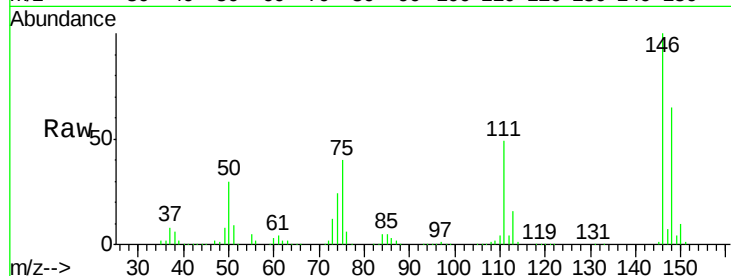
#12
 1,3-Dichlorobenzene
 Concen: 74.29 ng
 RT: 7.52 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF087302.D
 Acq: 23 May 2016 16:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	842740		
148	64.6	52.4	78.6	
75	39.9	22.8	34.2	

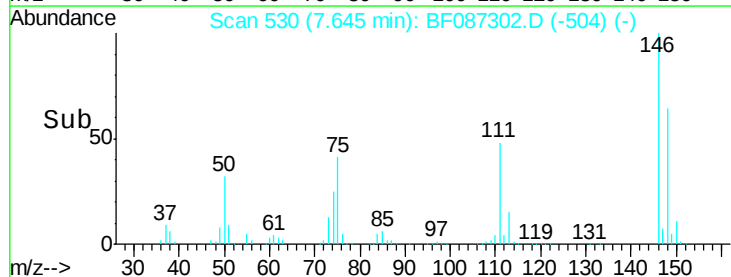
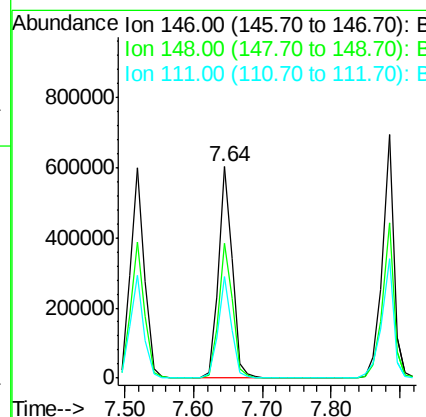
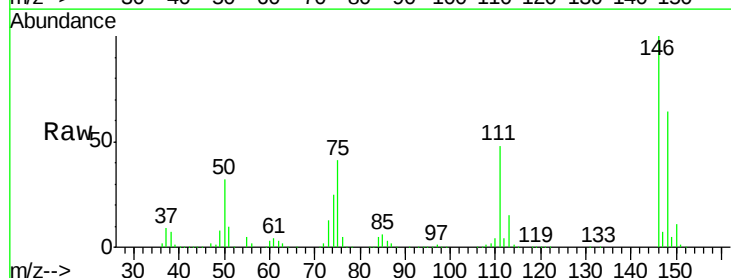
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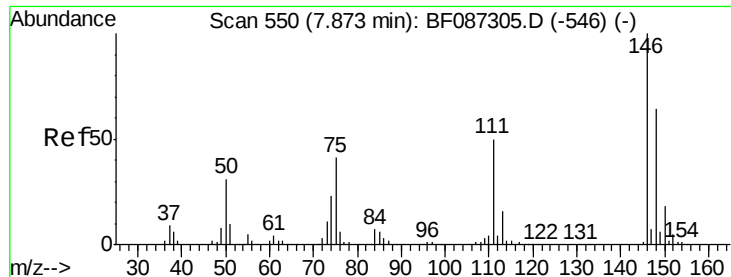
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#13
 1,4-Dichlorobenzene
 Concen: 73.90 ng
 RT: 7.64 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: BF087302.D
 Acq: 23 May 2016 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	860579		
148	64.0	52.2	78.4	
111	47.8	30.7	46.1	





#14

1,2-Dichlorobenzene

Concen: 76.50 ng

RT: 7.88 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF087302.D

Acq: 23 May 2016 16:01

Instrument :

BNA_F

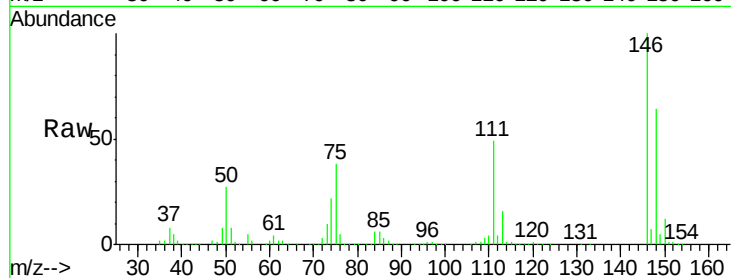
ClientSampleId :

SSTDICC080

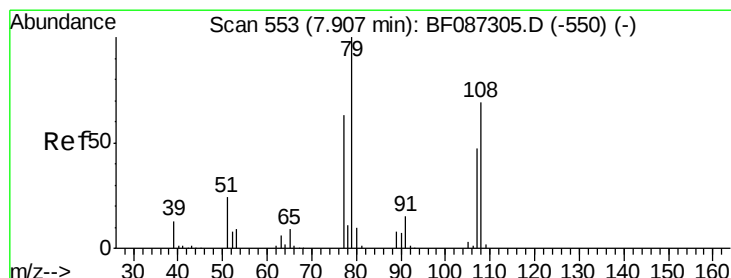
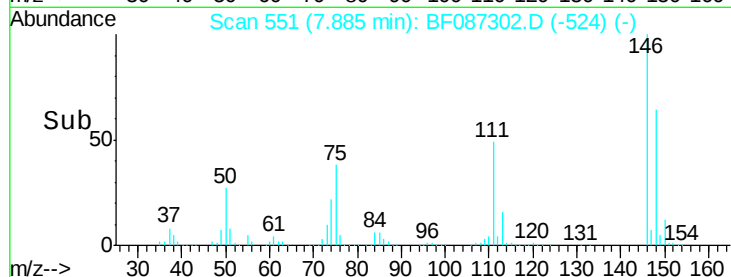
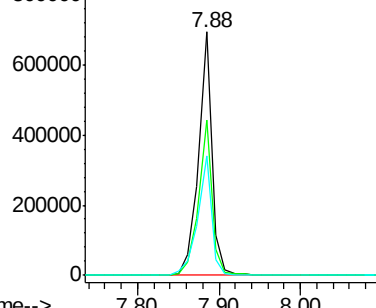
Tgt Ion:	146	Resp:	793505
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.0	76.6
111	49.0	36.2	54.4

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 80.83 ng

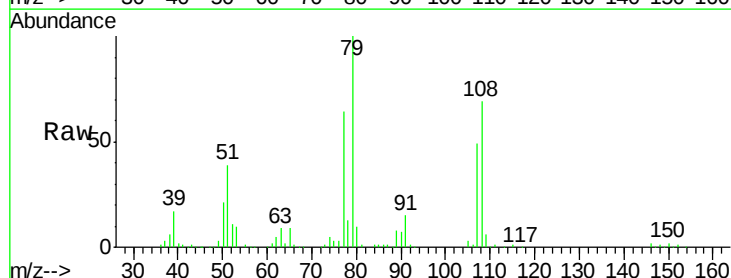
RT: 7.92 min Scan# 554

Delta R.T. 0.01 min

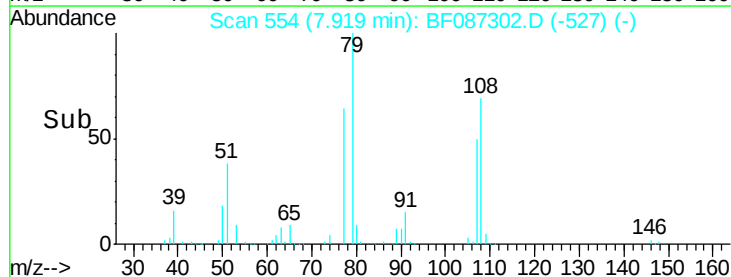
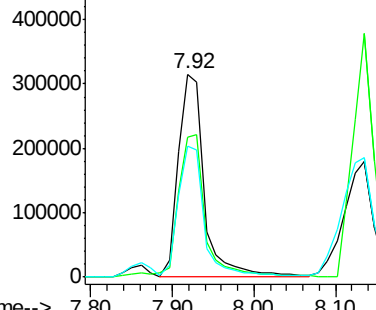
Lab File: BF087302.D

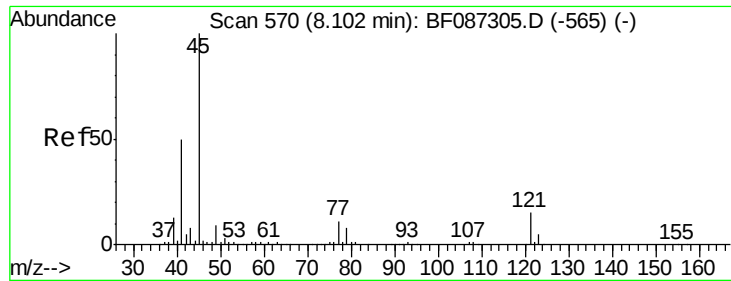
Acq: 23 May 2016 16:01

Tgt Ion:	79	Resp:	706694
Ion Ratio	Lower	Upper	
79	100		
108	68.9	68.4	102.6
77	64.4	50.6	76.0



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0





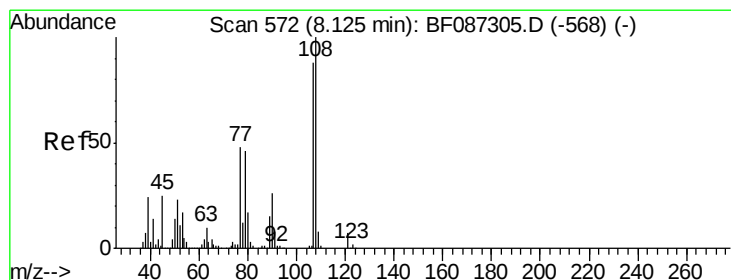
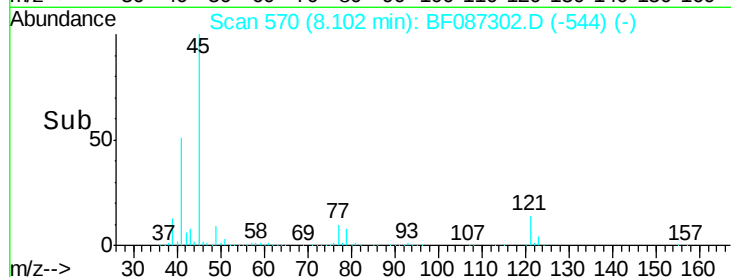
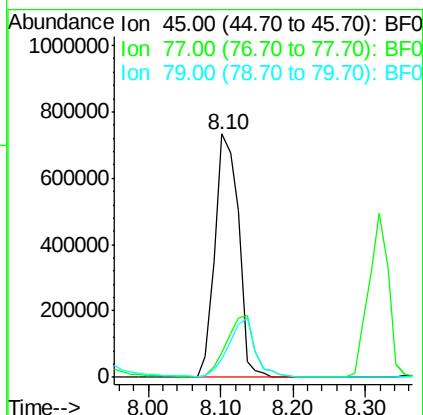
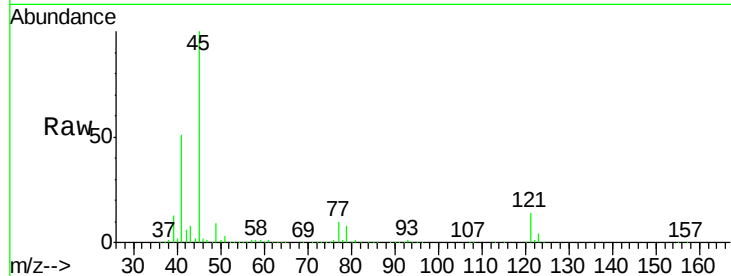
#16
2,2'-oxybis(1-Chloropropane)
Concen: 72.18 ng
RT: 8.10 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF087302.D
Acq: 23 May 2016 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.2	0.0	36.4
79	7.6	0.0	33.4

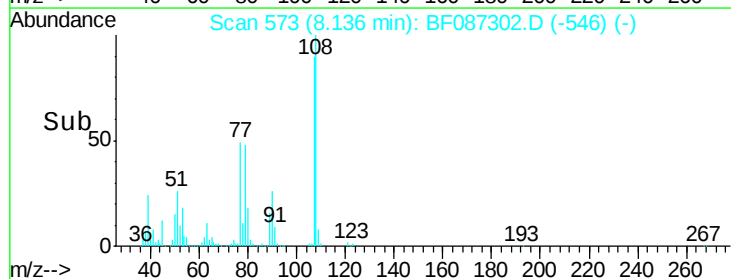
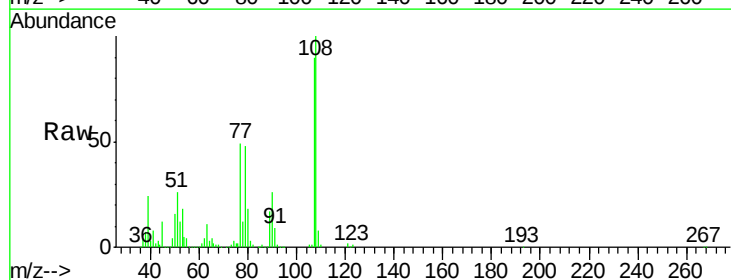
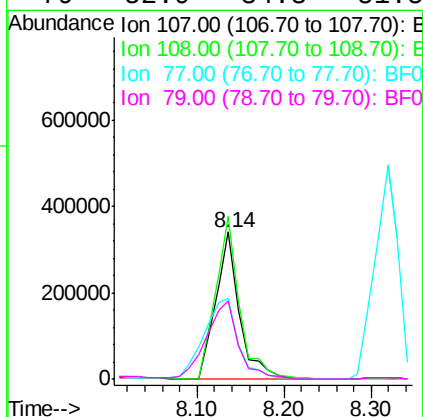
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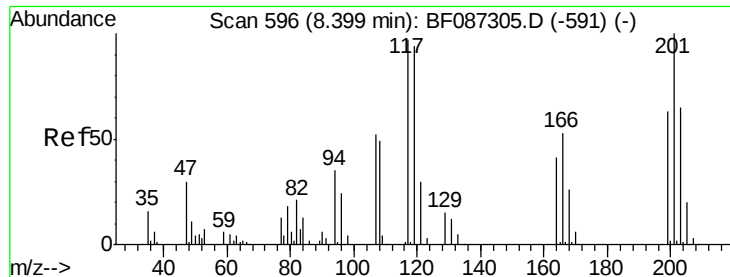
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#17
2-Methylphenol
Concen: 73.78 ng
RT: 8.14 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF087302.D
Acq: 23 May 2016 16:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.0	93.7	140.5
77	54.6	33.4	50.0#
79	52.9	34.3	51.5#





#18

Hexachloroethane

Concen: 72.17 ng

RT: 8.40 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF087302.D

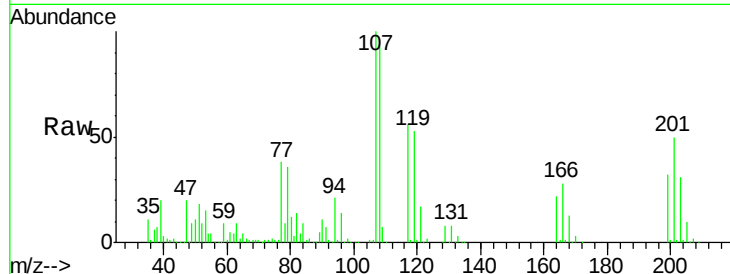
Acq: 23 May 2016 16:01

Instrument :

BNA_F

ClientSampleId :

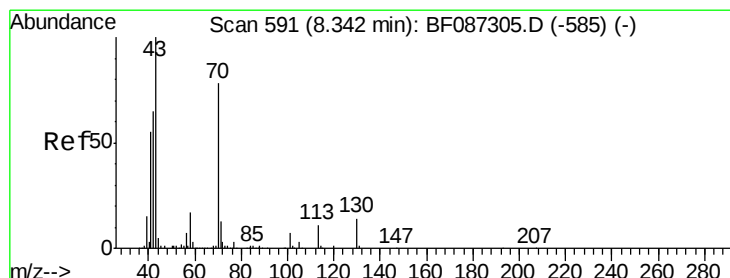
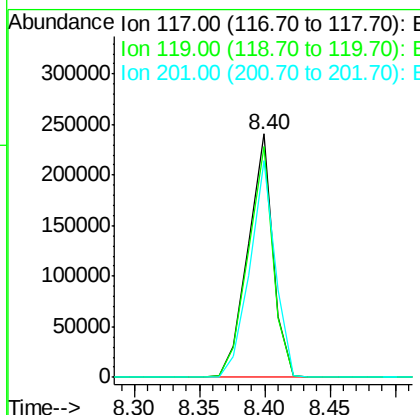
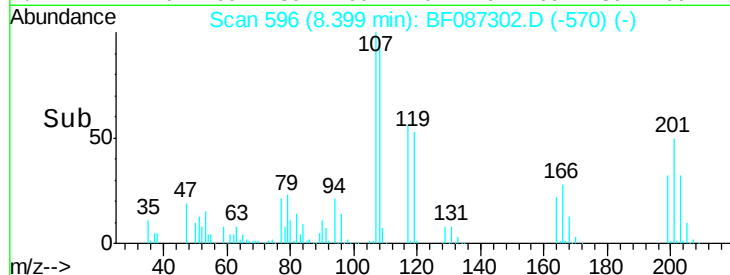
SSTDICC080



Tgt Ion:	117	Resp:	319662
Ion Ratio	Lower	Upper	
117	100		
119	95.1	76.5	114.7
201	89.2	63.0	94.6

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#19

n-Nitroso-di-n-propylamine

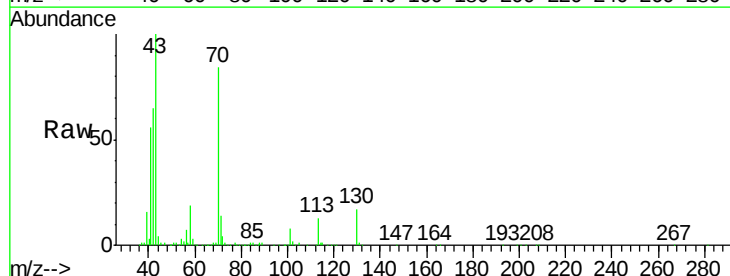
Concen: 76.77 ng

RT: 8.36 min Scan# 593

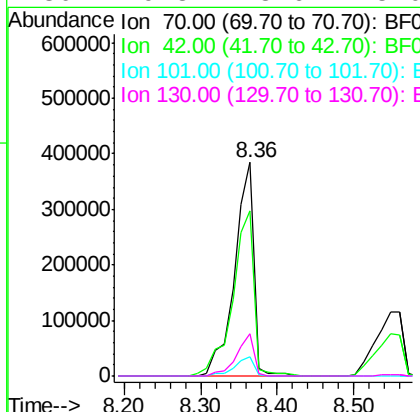
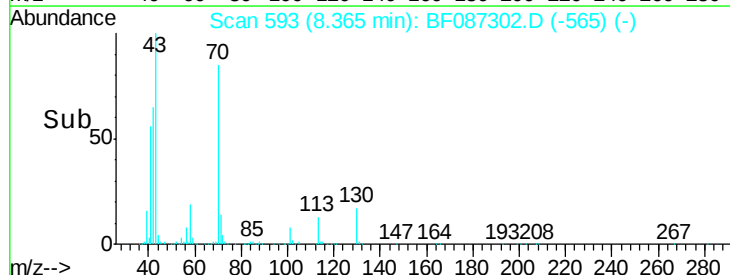
Delta R.T. 0.02 min

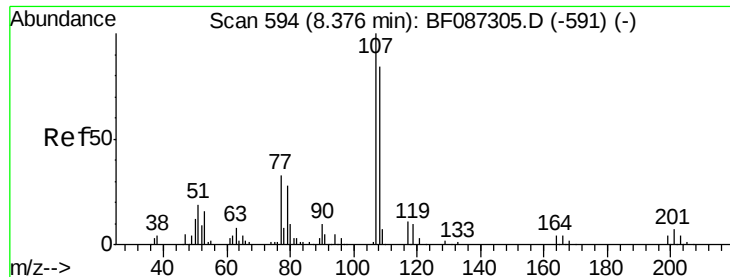
Lab File: BF087302.D

Acq: 23 May 2016 16:01



Tgt Ion:	70	Resp:	677931
Ion Ratio	Lower	Upper	
70	100		
42	77.1	43.1	64.7#
101	9.2	8.1	12.1
130	19.8	18.6	28.0





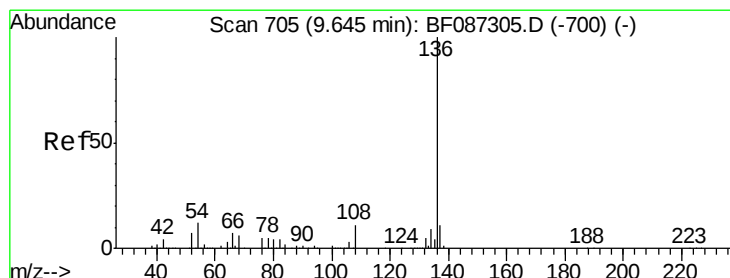
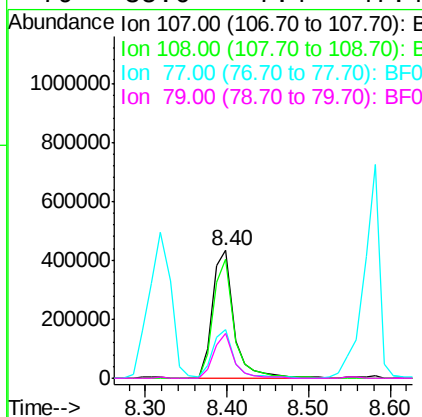
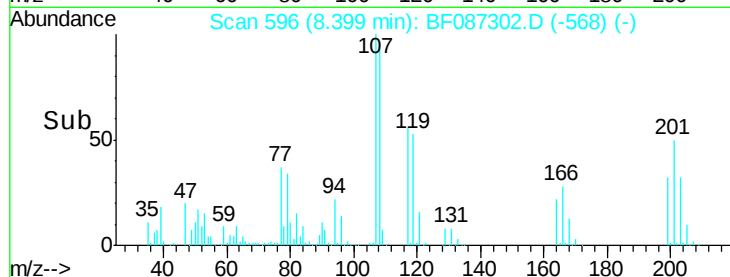
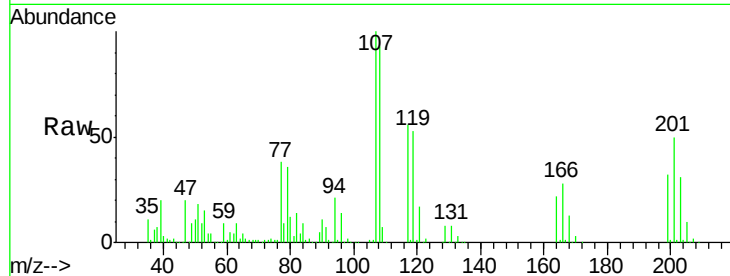
#20
3+4-Methylphenols
Concen: 70.08 ng
RT: 8.40 min Scan# 596
Delta R.T. 0.02 min
Lab File: BF087302.D
Acq: 23 May 2016 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	800083		
108	92.9	68.5	108.5	
77	38.4	101.6	141.6#	
79	35.6	7.4	47.4	

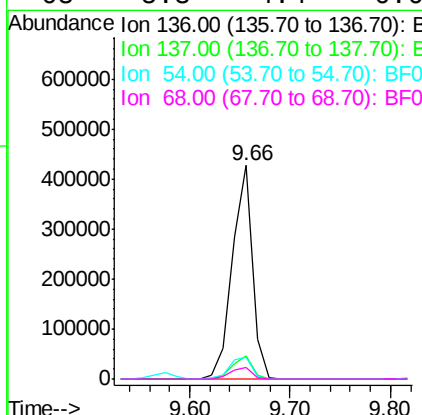
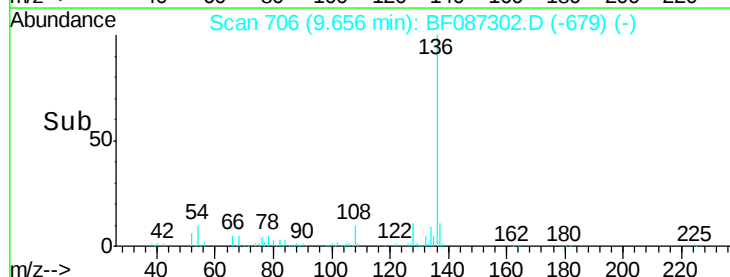
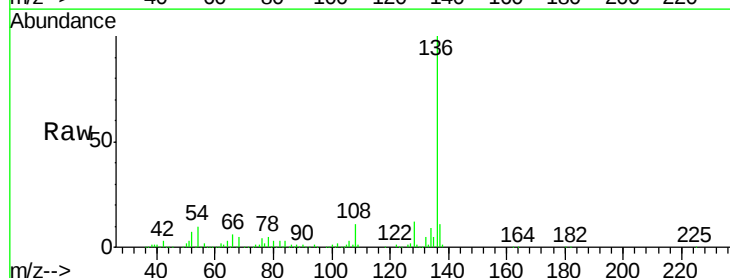
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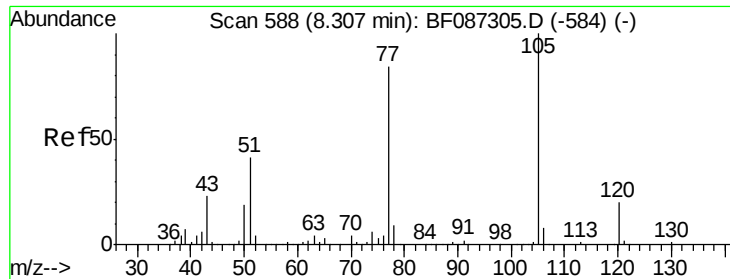
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.66 min Scan# 706
Delta R.T. 0.01 min
Lab File: BF087302.D
Acq: 23 May 2016 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	594640		
137	10.6	8.8	13.2	
54	10.2	5.0	7.4#	
68	5.3	4.4	6.6	





#22

Acetophenone

Concen: 77.95 ng

RT: 8.32 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF087302.D

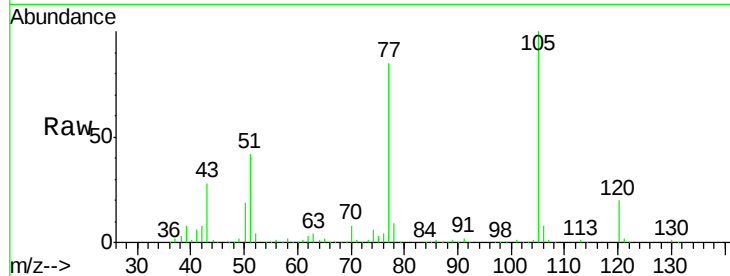
Acq: 23 May 2016 16:01

Instrument :

BNA_F

ClientSampleId :

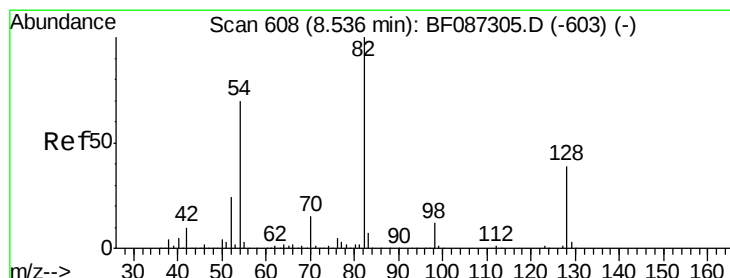
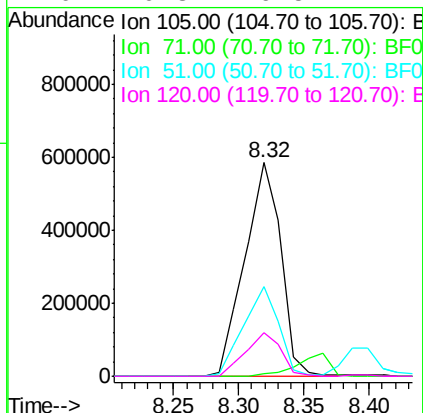
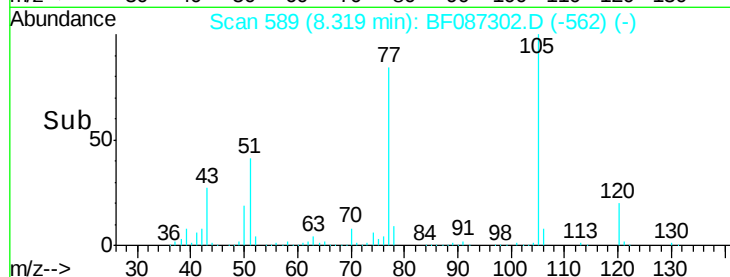
SSTDICC080



Tgt Ion	Ion	Ratio	Lower	Upper
105	105	100		
71	71	1.3	4.8	7.2#
51	51	41.9	32.6	49.0
120	120	20.3	16.5	24.7

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#23

Nitrobenzene-d5

Concen: 157.18 ng

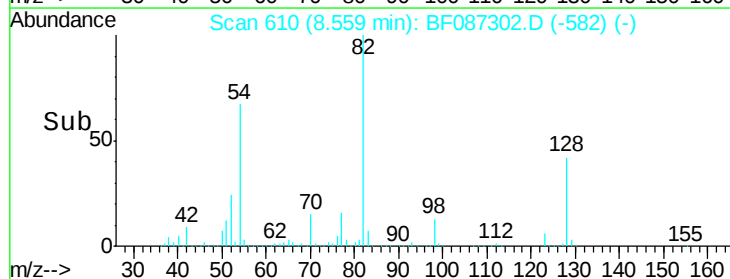
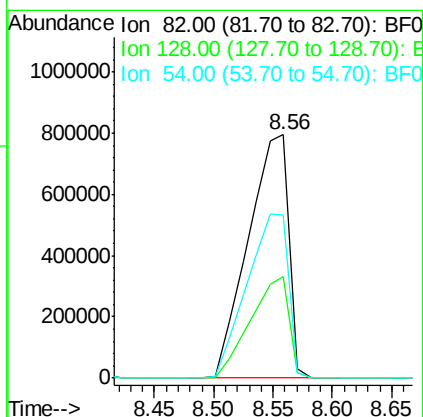
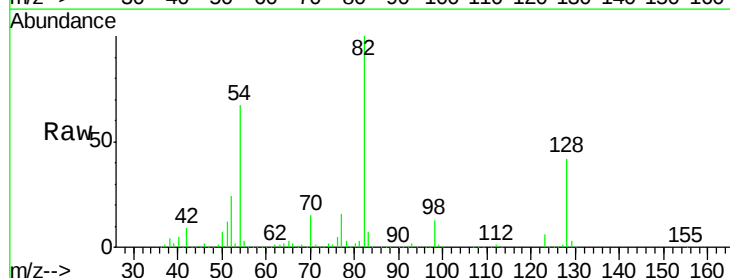
RT: 8.56 min Scan# 610

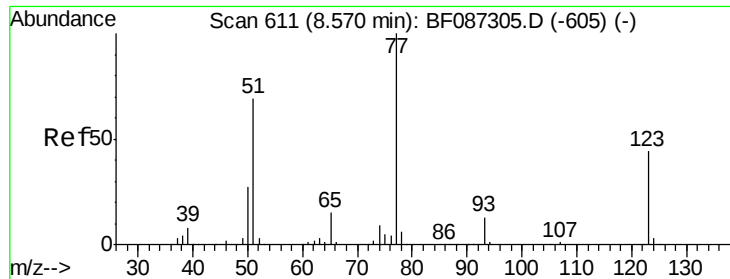
Delta R.T. 0.02 min

Lab File: BF087302.D

Acq: 23 May 2016 16:01

Tgt Ion	Ion	Ratio	Lower	Upper
82	82	100		
128	128	41.9	40.6	61.0
54	54	67.0	38.1	57.1#





#24

Nitrobenzene

Concen: 75.60 ng

RT: 8.58 min Scan# 612

Delta R.T. 0.01 min

Lab File: BF087302.D

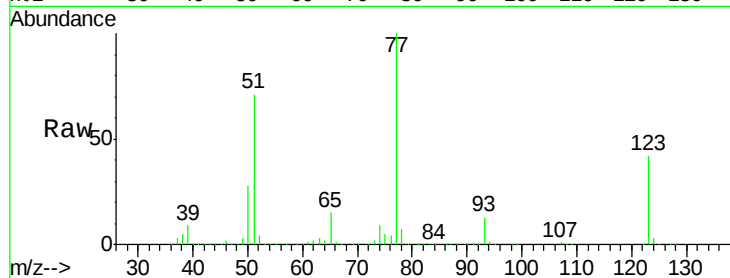
Acq: 23 May 2016 16:01

Instrument :

BNA_F

ClientSampleId :

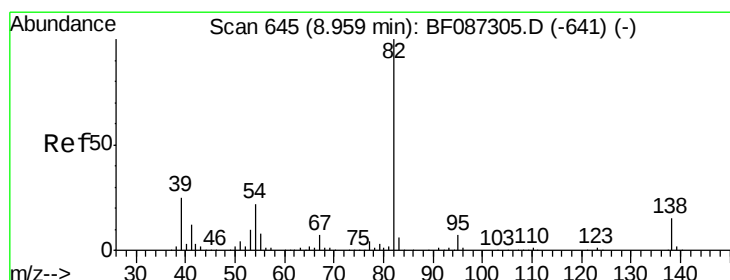
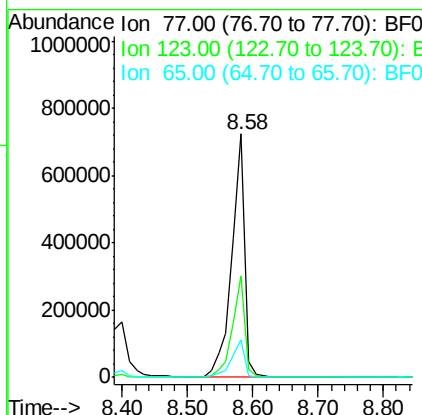
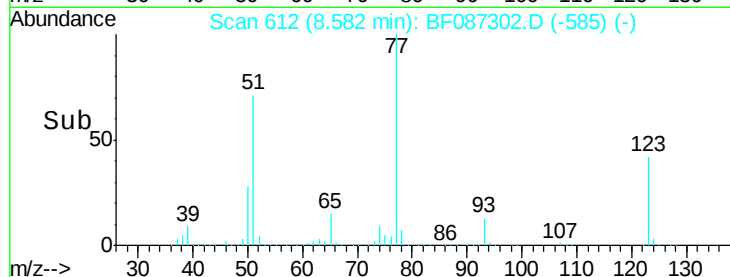
SSTDIC080



Tgt Ion:	77	Resp:	976719
Ion	Ratio	Lower	Upper
77	100		
123	41.9	33.0	49.4
65	15.4	10.8	16.2

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#25

Isophorone

Concen: 76.85 ng

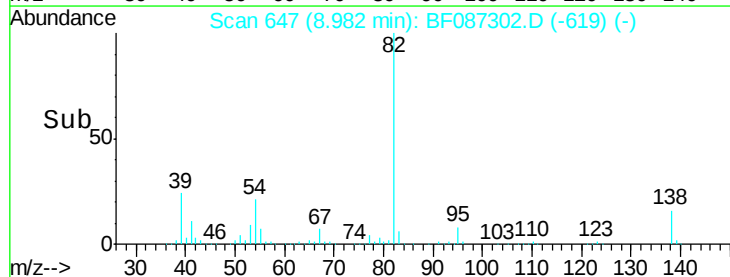
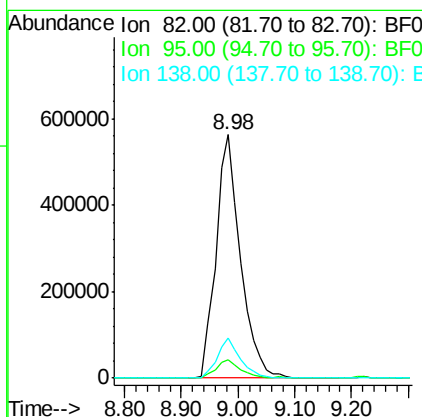
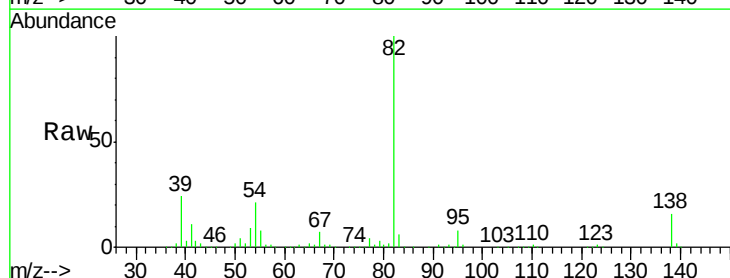
RT: 8.98 min Scan# 647

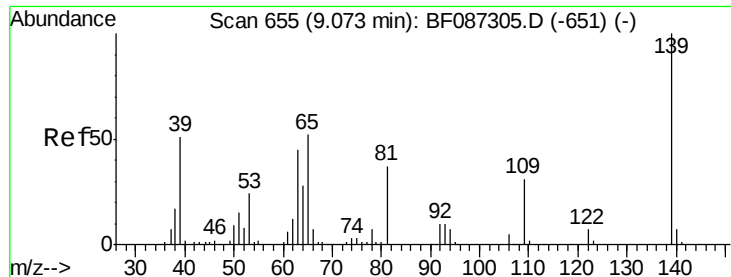
Delta R.T. 0.02 min

Lab File: BF087302.D

Acq: 23 May 2016 16:01

Tgt Ion:	82	Resp:	1674924
Ion	Ratio	Lower	Upper
82	100		
95	7.5	5.1	7.7
138	16.3	12.4	18.6





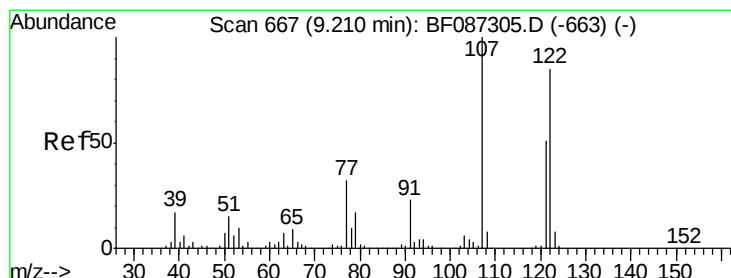
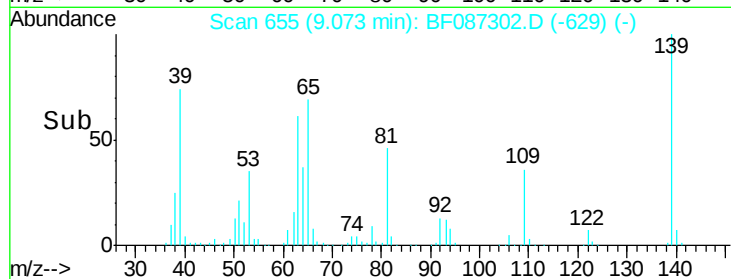
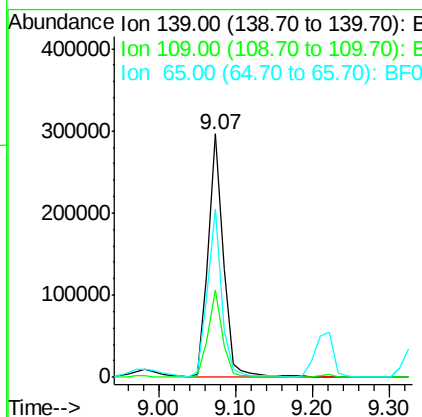
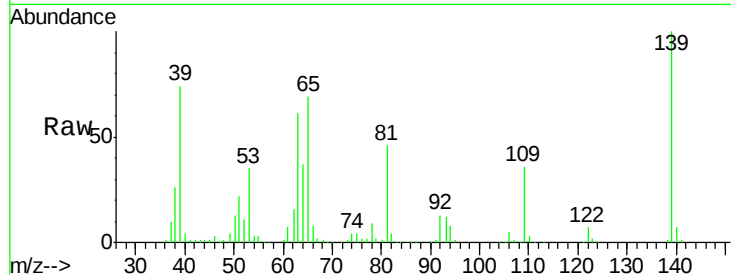
#26
 2-Nitrophenol
 Concen: 75.72 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF087302.D
 Acq: 23 May 2016 16:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	410436		
109	35.7	19.5	29.3#	
65	69.2	37.5	56.3#	

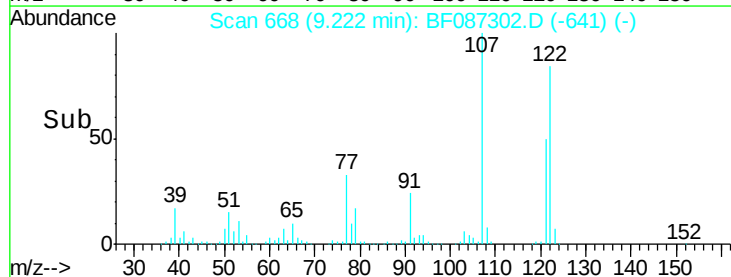
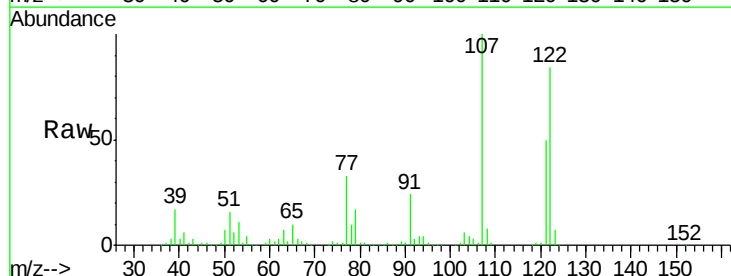
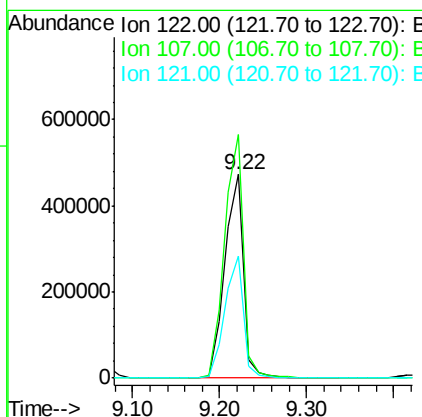
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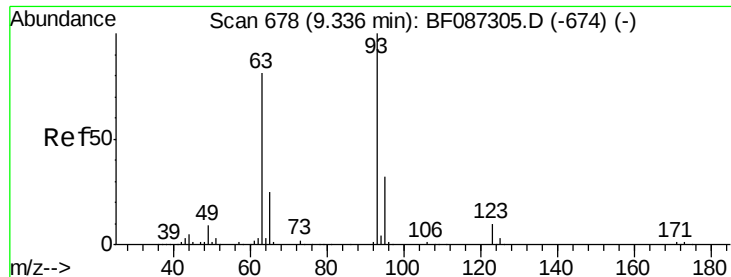
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#27
 2,4-Dimethylphenol
 Concen: 76.64 ng
 RT: 9.22 min Scan# 668
 Delta R.T. 0.01 min
 Lab File: BF087302.D
 Acq: 23 May 2016 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	706108		
107	119.7	82.0	123.0	
121	60.1	46.1	69.1	





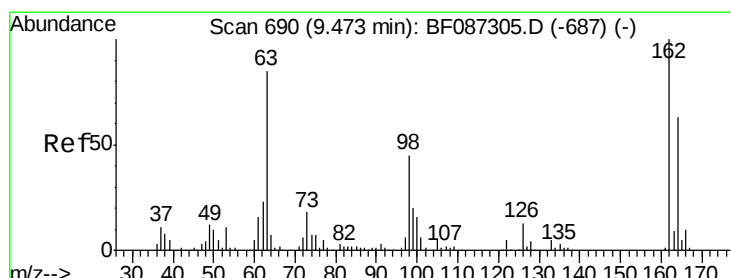
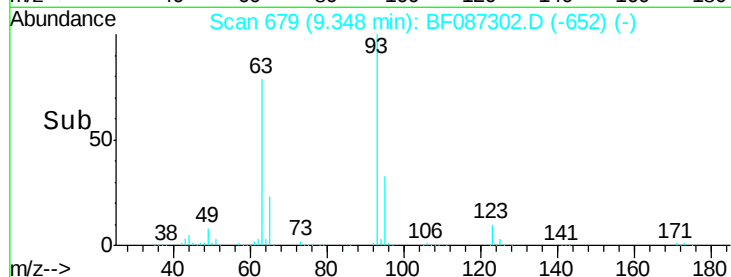
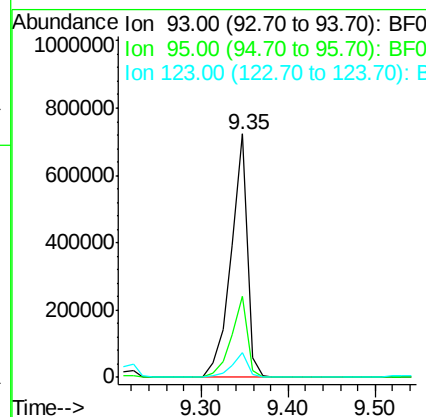
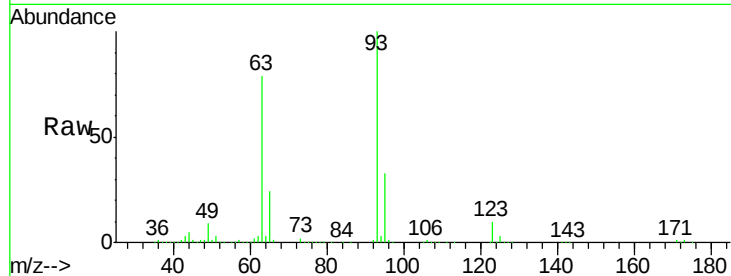
#28
bis(2-Chloroethoxy)methane
Concen: 79.50 ng
RT: 9.35 min Scan# 679
Delta R.T. 0.01 min
Lab File: BF087302.D
Acq: 23 May 2016 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
95	33.1	26.0	39.0
123	10.1	9.5	14.3

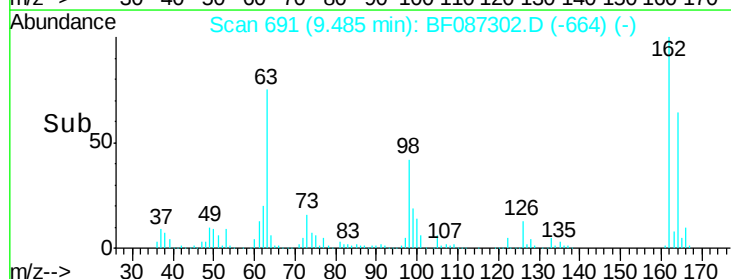
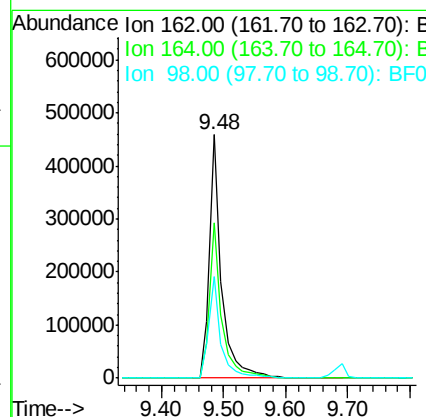
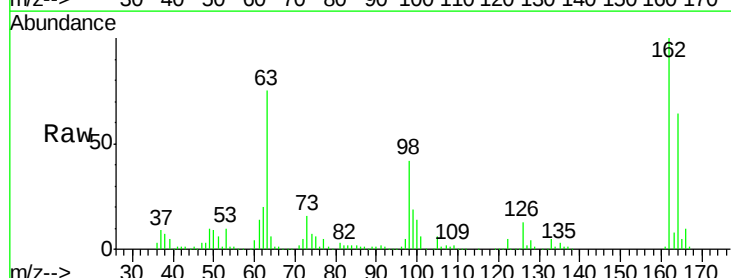
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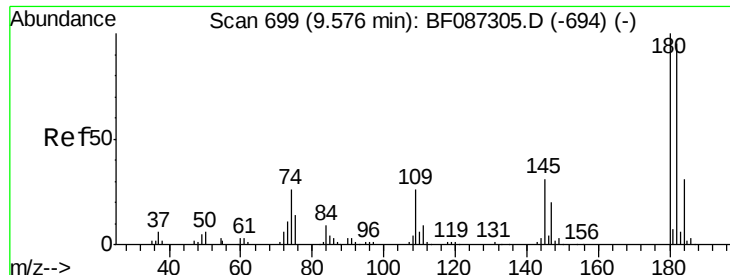
umangi
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#29
2,4-Dichlorophenol
Concen: 76.52 ng
RT: 9.48 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF087302.D
Acq: 23 May 2016 16:01

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
164	63.9	42.2	82.2
98	41.7	19.0	59.0





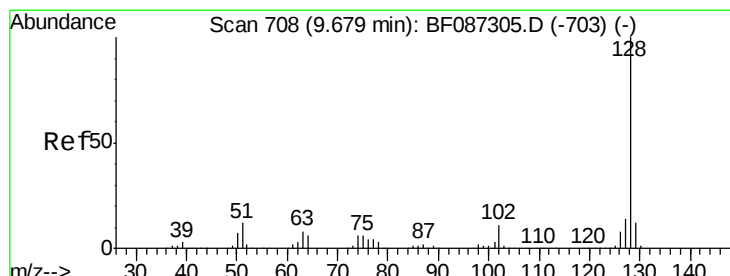
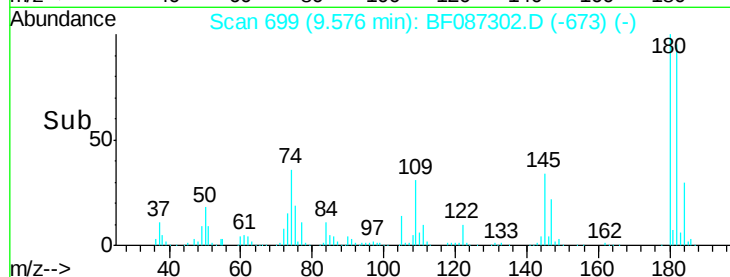
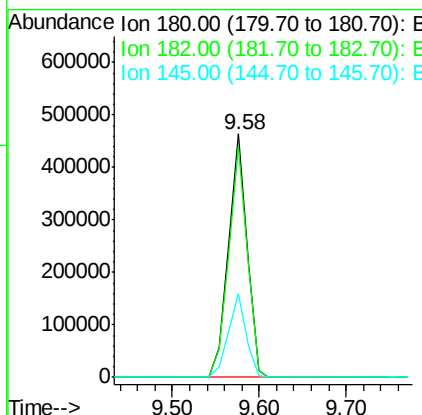
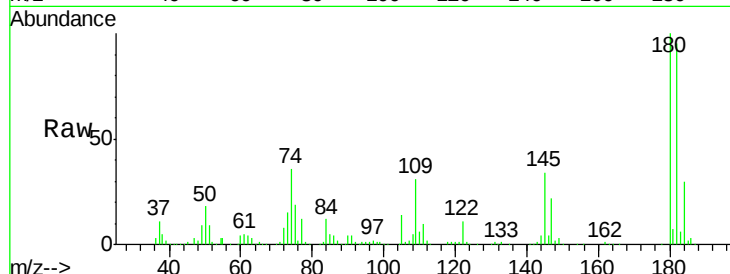
#30
 1,2,4-Trichlorobenzene
 Concen: 75.16 ng
 RT: 9.58 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF087302.D
 Acq: 23 May 2016 16:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	684176		
182	94.8	78.0	117.0	
145	34.2	24.2	36.2	

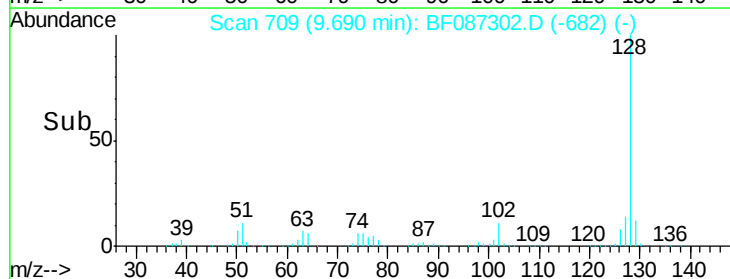
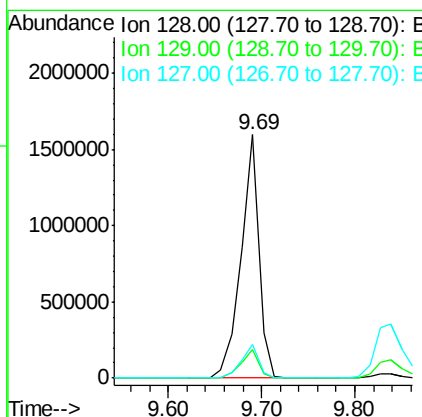
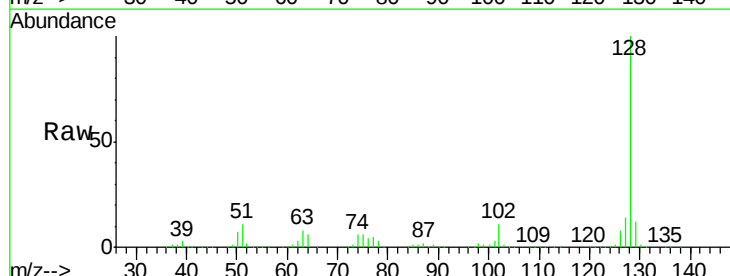
Manual Integrations
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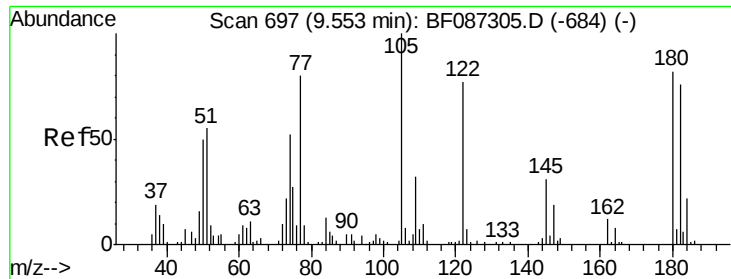
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#31
 Naphthalene
 Concen: 73.24 ng
 RT: 9.69 min Scan# 709
 Delta R.T. 0.01 min
 Lab File: BF087302.D
 Acq: 23 May 2016 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	2140556		
129	11.5	8.6	13.0	
127	14.0	10.8	16.2	





#32

Benzoic acid

Concen: 74.52 ng

RT: 9.60 min Scan# 701

Delta R.T. 0.05 min

Lab File: BF087302.D

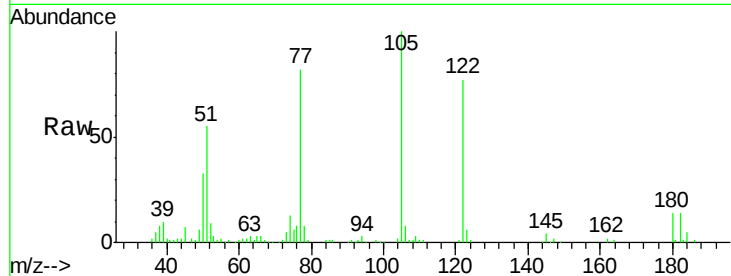
Acq: 23 May 2016 16:01

Instrument :

BNA_F

ClientSampleId :

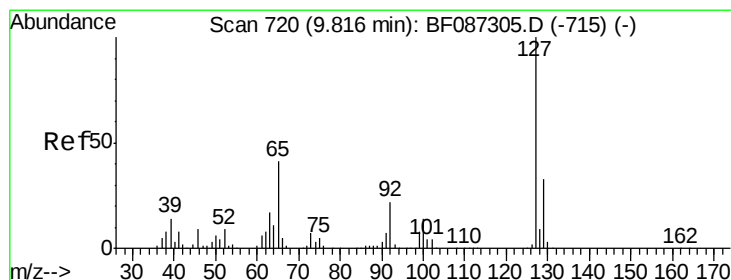
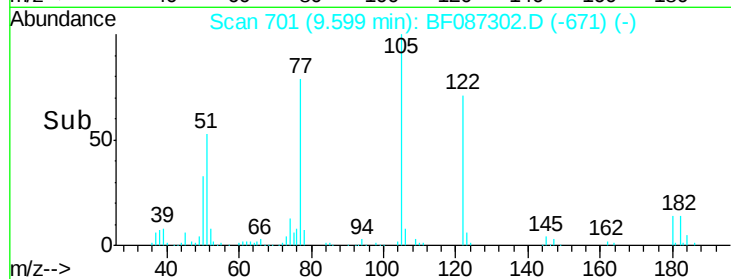
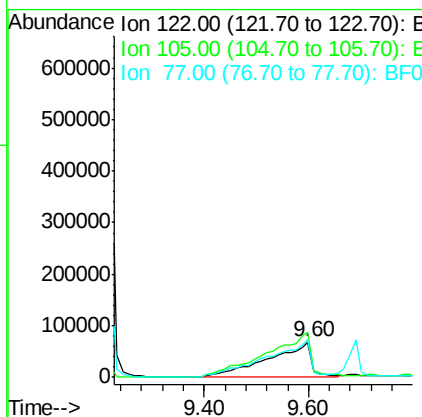
SSTDICC080



Tgt Ion	Ratio	Resp	Lower	Upper
122	100	395878		
105	129.8	92.6	132.6	
77	106.1	60.0	100.0	

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#33

4-Chloroaniline

Concen: 66.76 ng

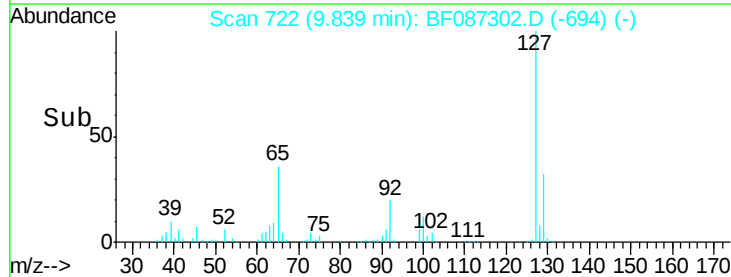
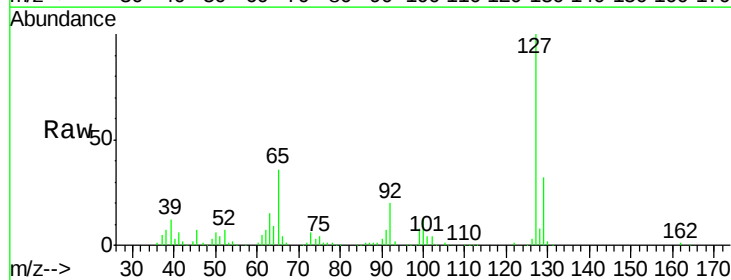
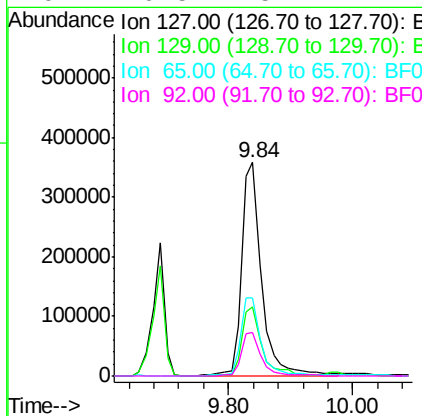
RT: 9.84 min Scan# 722

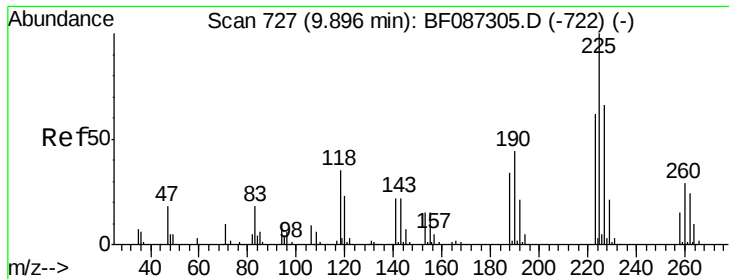
Delta R.T. 0.02 min

Lab File: BF087302.D

Acq: 23 May 2016 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	794792		
129	32.4	26.2	39.4	
65	36.3	23.0	34.4	
92	20.5	15.1	22.7	





#34

Hexachlorobutadiene

Concen: 80.23 ng

RT: 9.90 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF087302.D

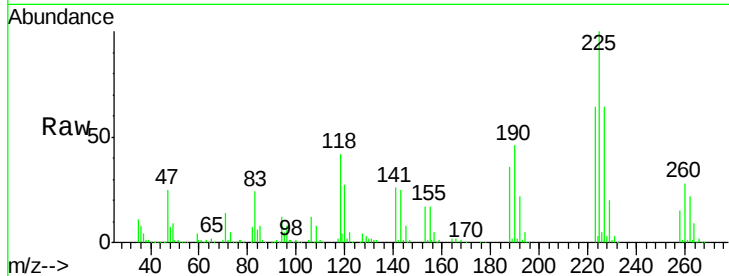
Acq: 23 May 2016 16:01

Instrument :

BNA_F

ClientSampleId :

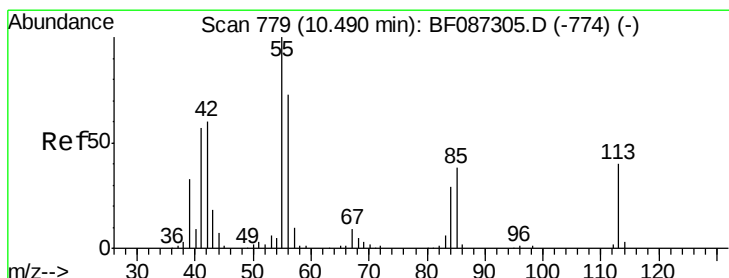
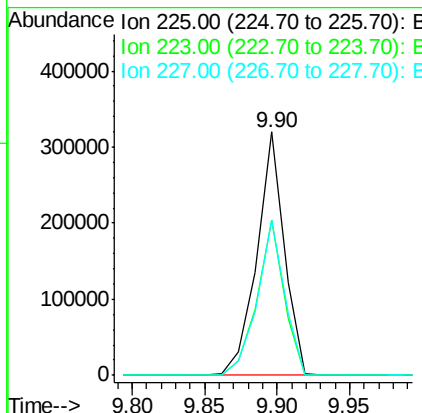
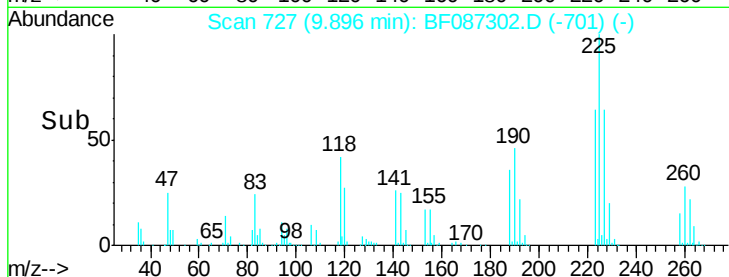
SSTDIC080



Tgt Ion:	225	Resp:	418966
Ion Ratio	Lower	Upper	
225	100		
223	63.9	51.5	77.3
227	63.6	52.2	78.2

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#35

Caprolactam

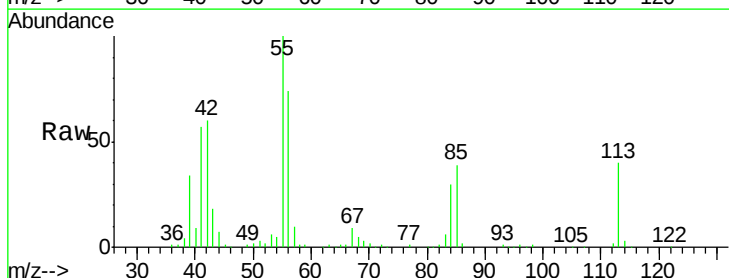
Concen: 73.89 ng m

RT: 10.54 min Scan# 783

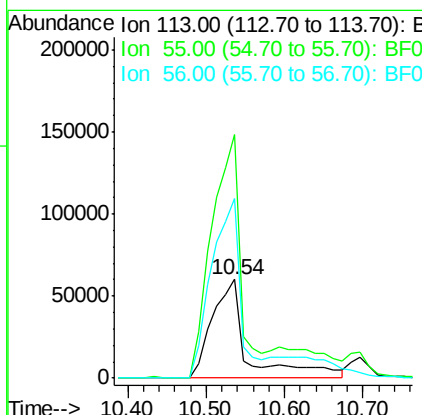
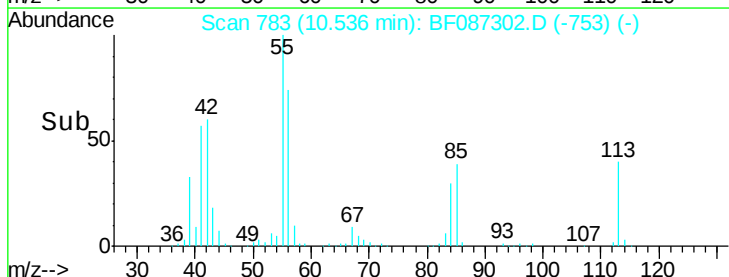
Delta R.T. 0.05 min

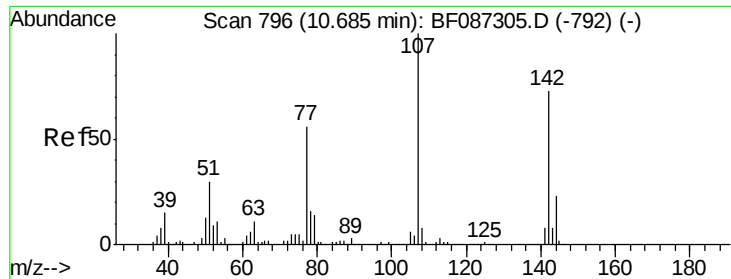
Lab File: BF087302.D

Acq: 23 May 2016 16:01



Tgt Ion:	113	Resp:	190428
Ion Ratio	Lower	Upper	
113	100		
55	247.1	162.0	202.0#
56	181.8	115.3	155.3#





#36

4-Chloro-3-methylphenol

Concen: 71.58 ng

RT: 10.70 min Scan# 797

Delta R.T. 0.01 min

Lab File: BF087302.D

Acq: 23 May 2016 16:01

Instrument :

BNA_F

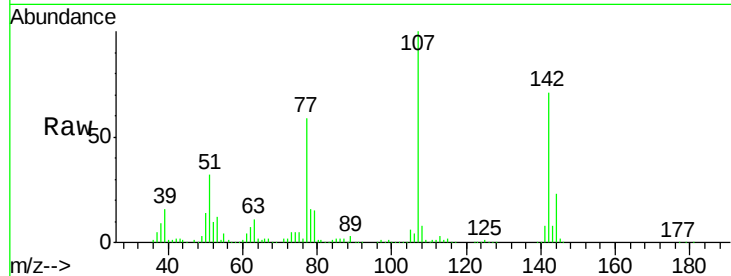
ClientSampleId :

SSTDIC080

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	700623		
144	22.9	20.7	31.1	
142	70.7	63.2	94.8	

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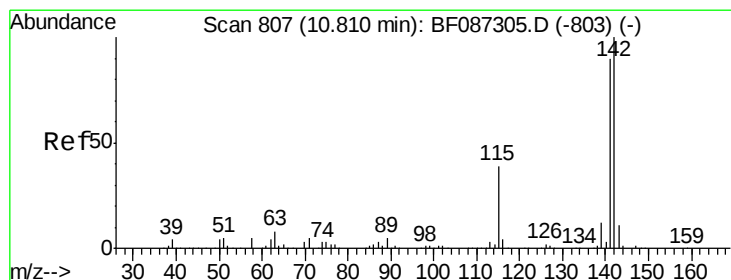
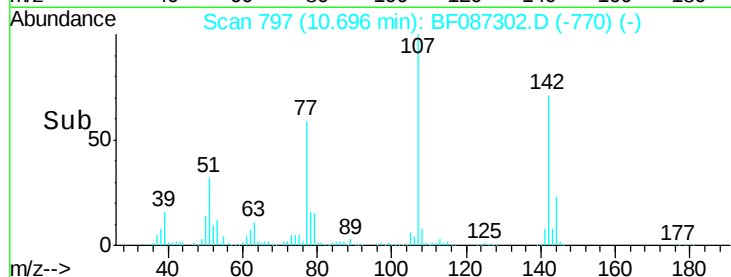
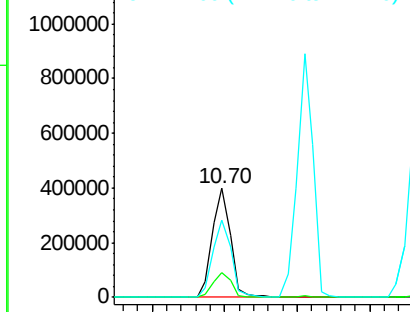


Abundance

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: 72.09 ng

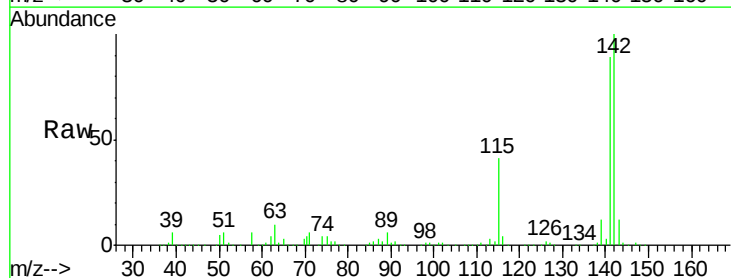
RT: 10.81 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF087302.D

Acq: 23 May 2016 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	1348472		
141	89.3	71.0	106.6	
115	41.4	26.6	39.8	

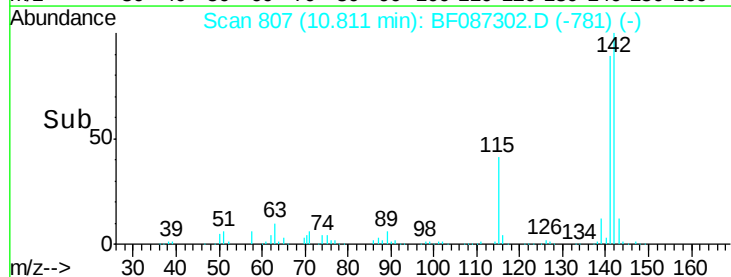
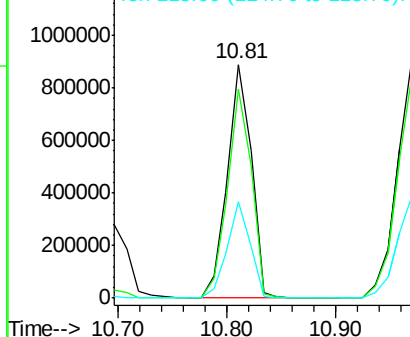


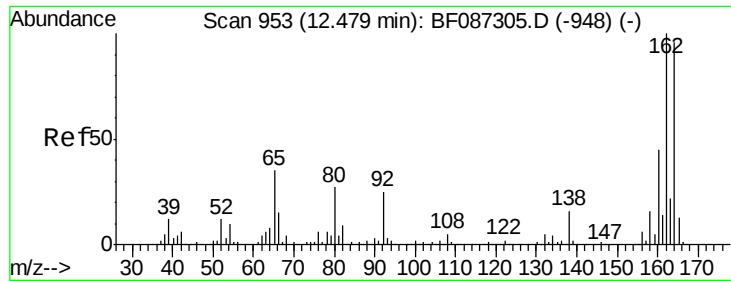
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





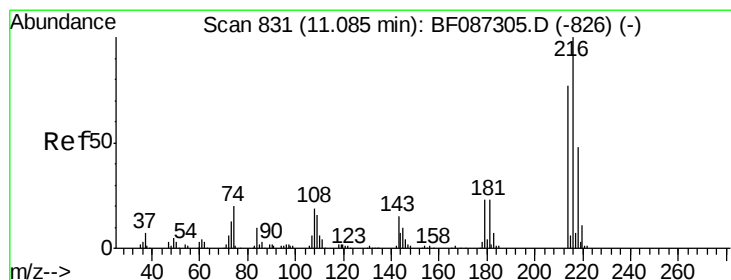
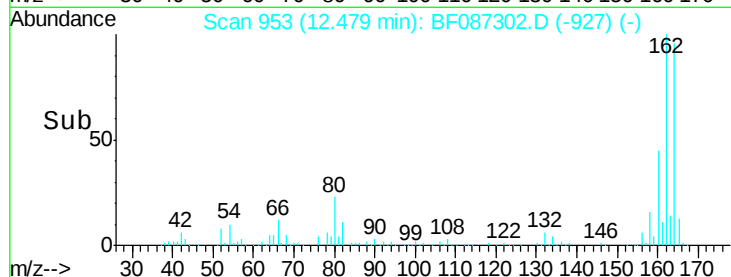
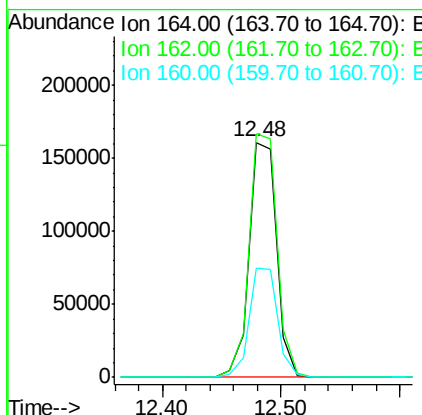
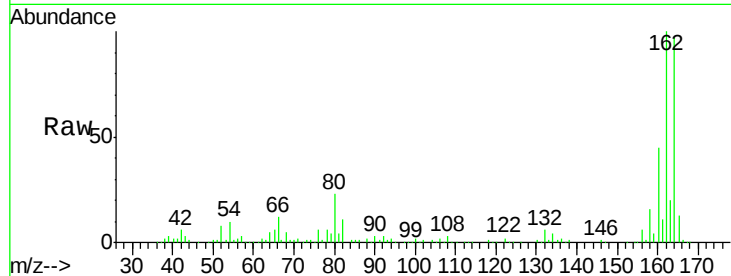
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.48 min Scan# 953
Delta R.T. 0.00 min
Lab File: BF087302.D
Acq: 23 May 2016 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	261533		
162	103.6	82.8	124.2	
160	46.2	36.9	55.3	

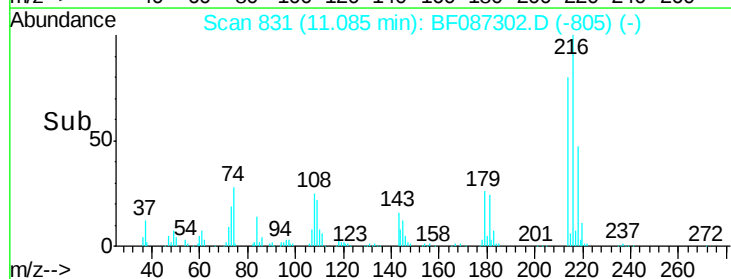
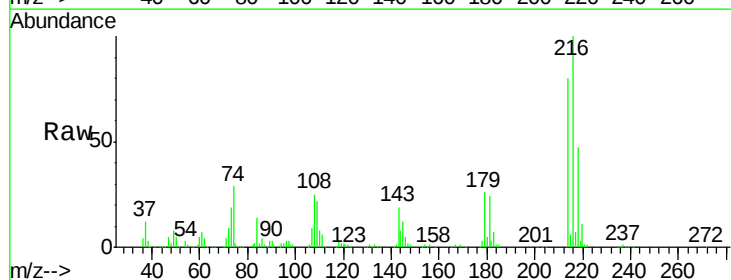
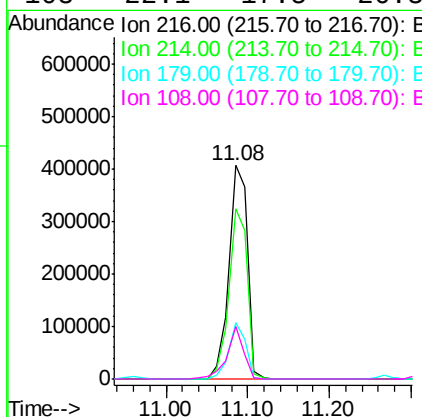
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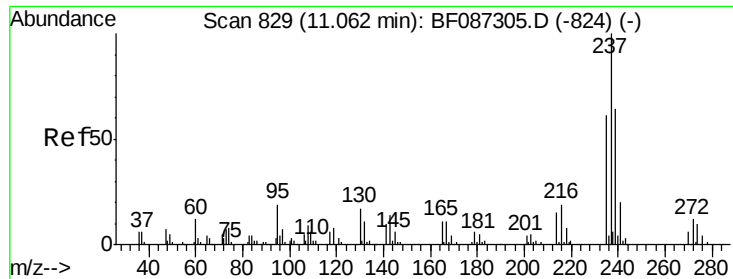
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 82.19 ng
RT: 11.08 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF087302.D
Acq: 23 May 2016 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	643421		
214	78.8	62.6	93.8	
179	24.0	18.2	27.4	
108	22.1	17.5	26.3	





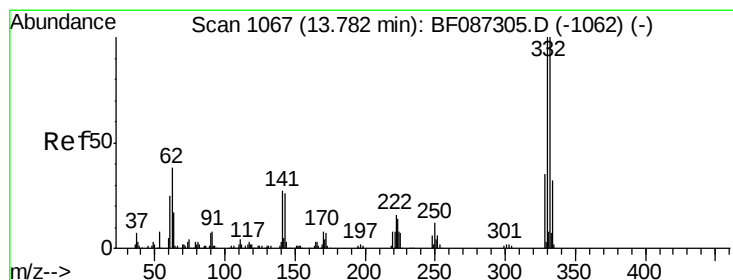
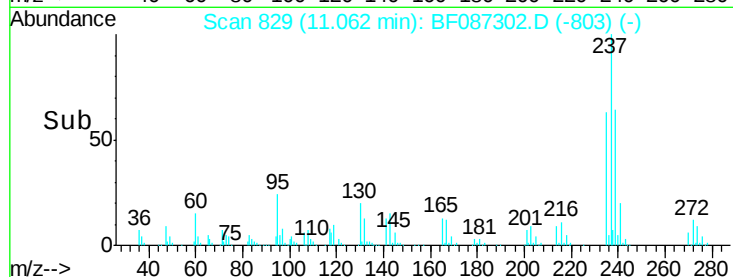
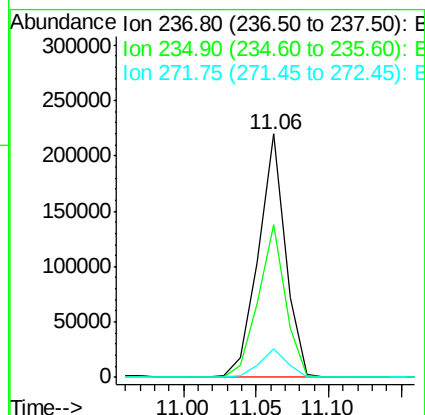
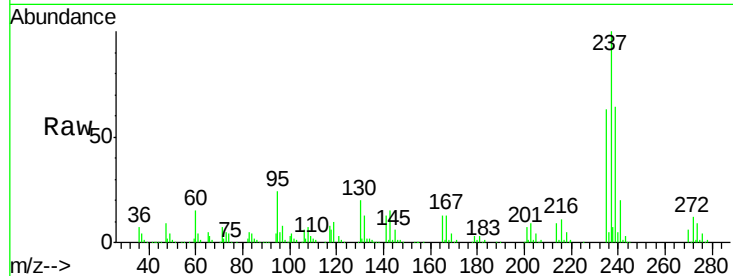
#40
Hexachlorocyclopentadiene
Concen: 117.75 ng
RT: 11.06 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF087302.D
Acq: 23 May 2016 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.6	47.2	87.2
272	11.7	0.0	31.1

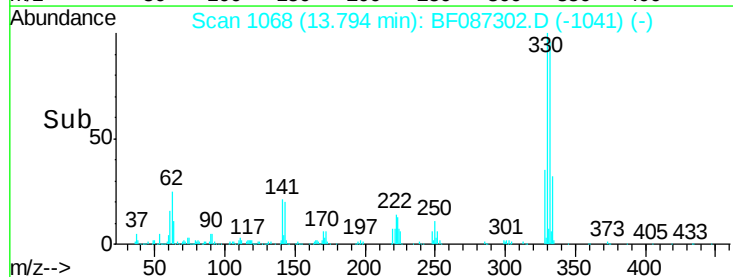
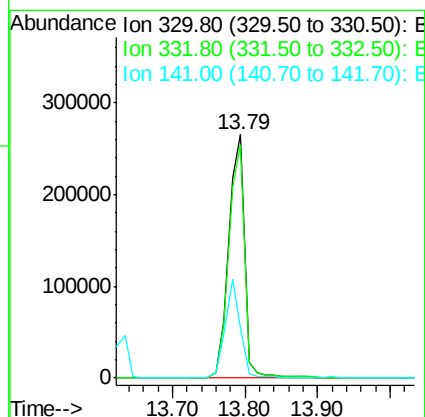
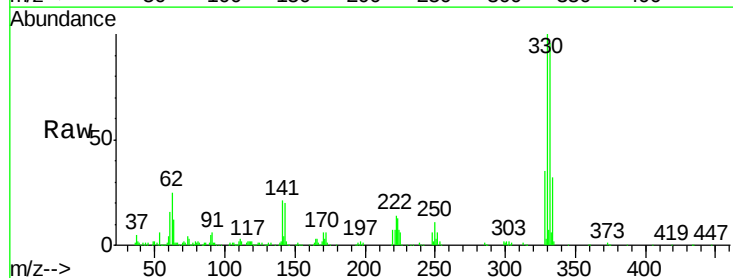
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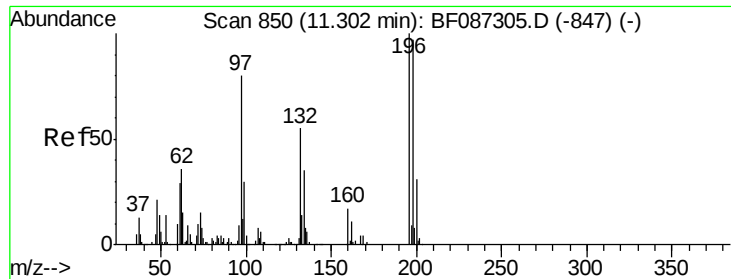
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#41
2,4,6-Tribromophenol
Concen: 144.13 ng
RT: 13.79 min Scan# 1068
Delta R.T. 0.01 min
Lab File: BF087302.D
Acq: 23 May 2016 16:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.1	79.0	118.4
141	39.3	31.2	46.8





#42

2,4,6-Trichlorophenol

Concen: 77.67 ng

RT: 11.31 min Scan# 851

Delta R.T. 0.01 min

Lab File: BF087302.D

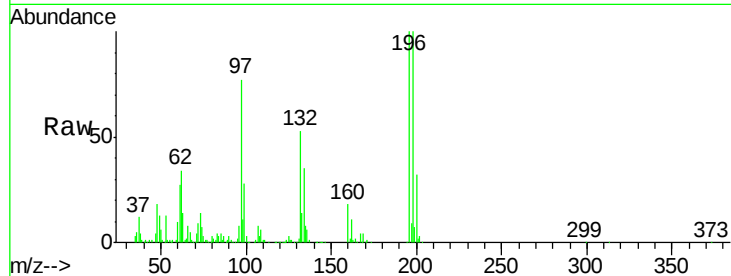
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Instrument :

BNA_F

ClientSampleId :

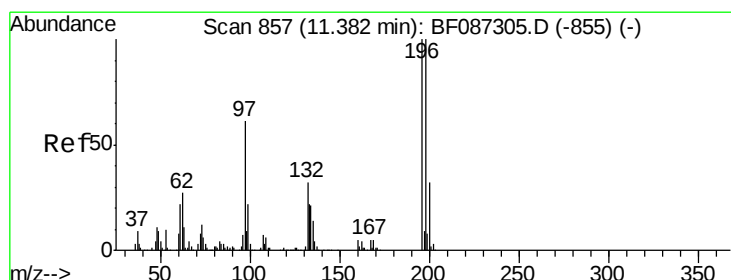
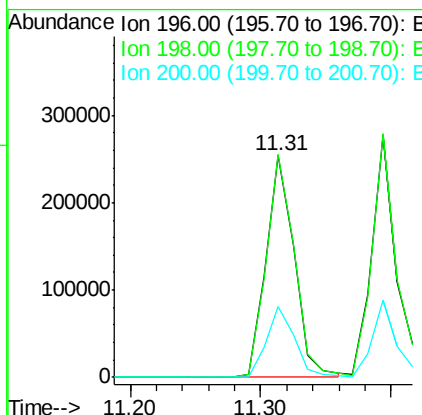
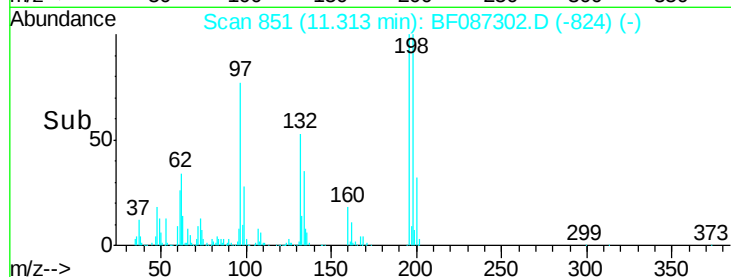
SSTDICC080



Tgt Ion:	196	Resp:	385448
Ion Ratio	Lower	Upper	
196	100		
198	100.4	74.7	112.1
200	32.1	23.8	35.6

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#43

2,4,5-Trichlorophenol

Concen: 77.17 ng

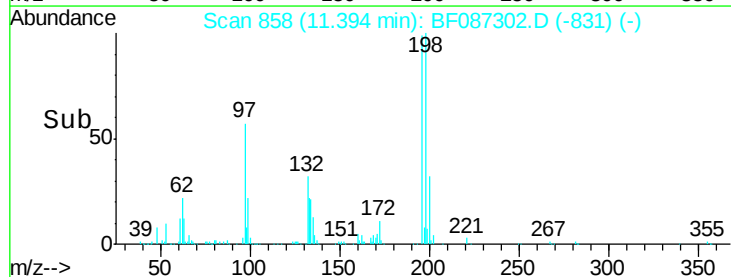
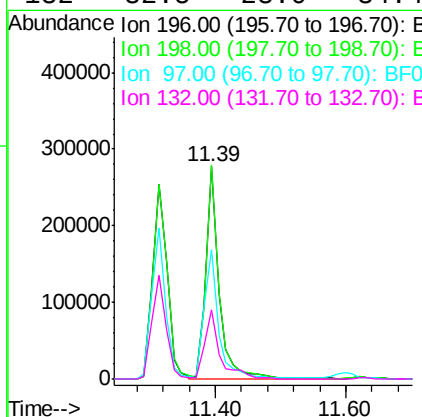
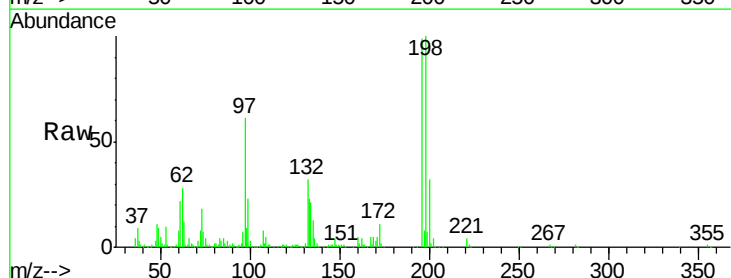
RT: 11.39 min Scan# 858

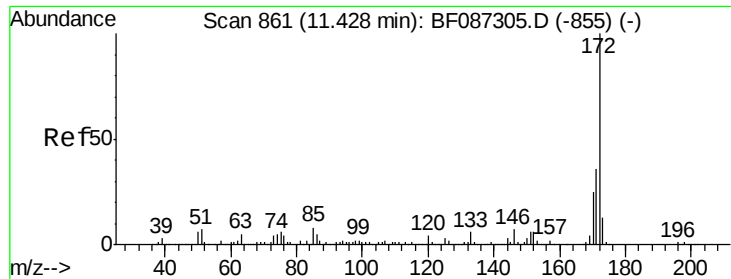
Delta R.T. 0.01 min

Lab File: BF087302.D

Acq: 23 May 2016 16:01

Tgt Ion:	196	Resp:	394261
Ion Ratio	Lower	Upper	
196	100		
198	100.6	77.5	116.3
97	61.2	34.8	52.2#
132	32.5	23.0	34.4





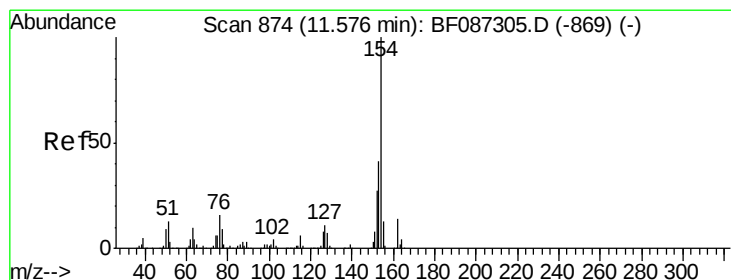
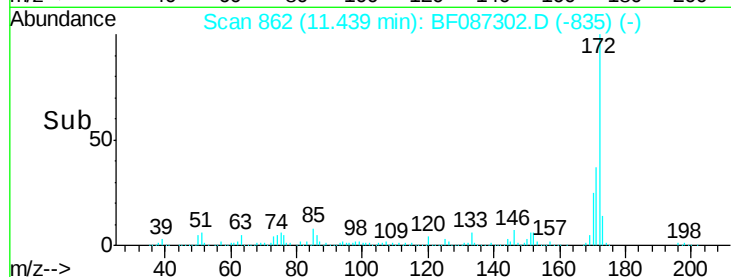
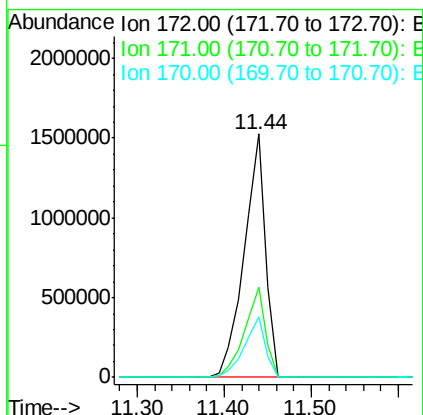
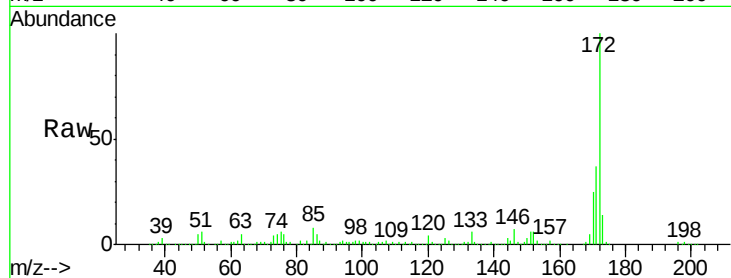
#44
2-Fluorobiphenyl
Concen: 163.22 ng
RT: 11.44 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF087302.D
Acq: 23 May 2016 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion:172 Resp: 2622730
Ion Ratio Lower Upper
172 100
171 36.7 29.0 43.6
170 24.8 19.8 29.8

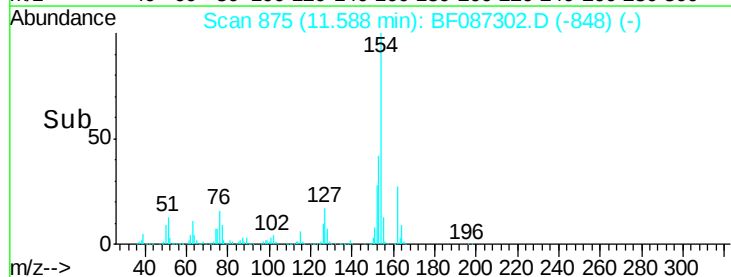
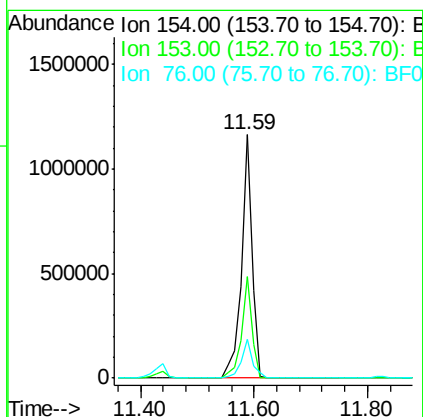
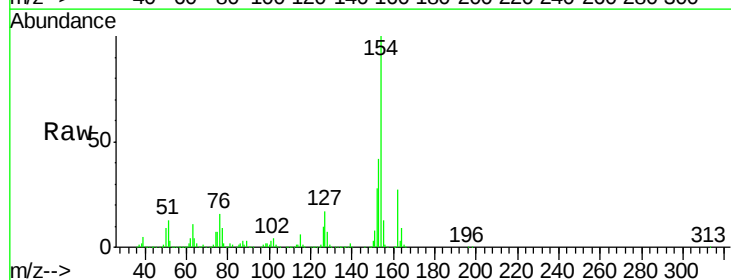
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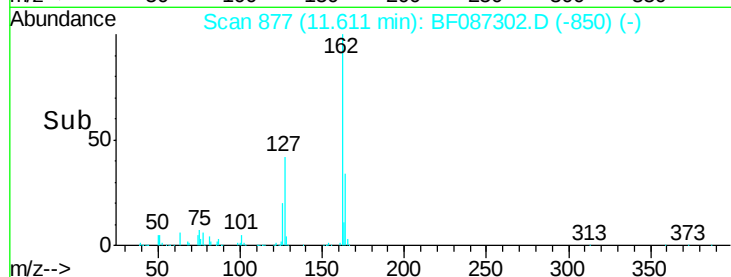
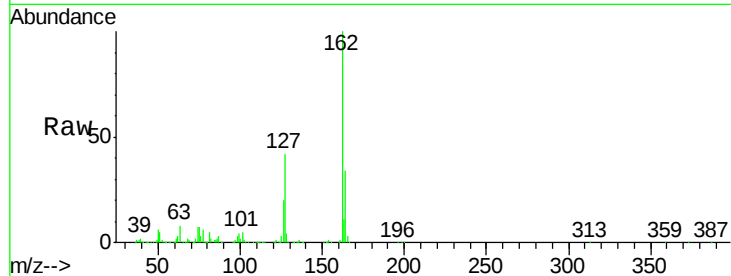
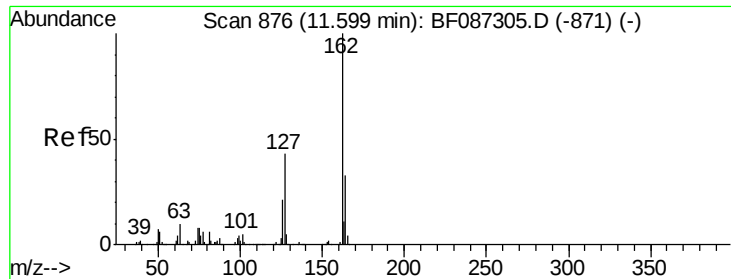
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#45
1,1'-Biphenyl
Concen: 70.29 ng
RT: 11.59 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF087302.D
Acq: 23 May 2016 16:01

Tgt Ion:154 Resp: 1533224
Ion Ratio Lower Upper
154 100
153 41.5 20.3 60.3
76 15.8 0.0 30.2





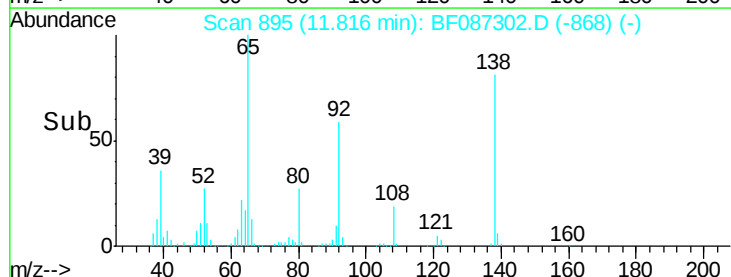
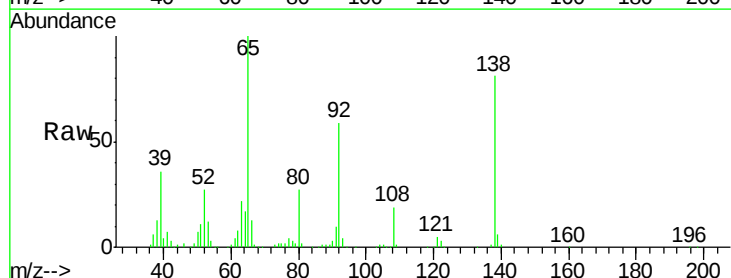
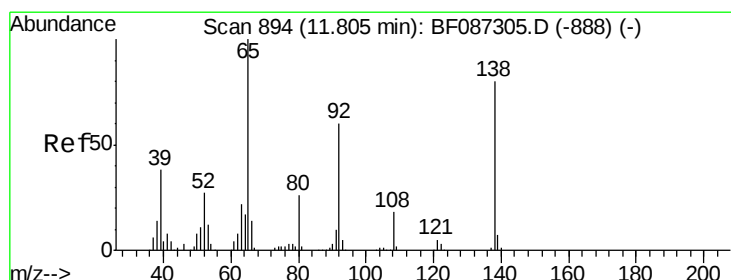
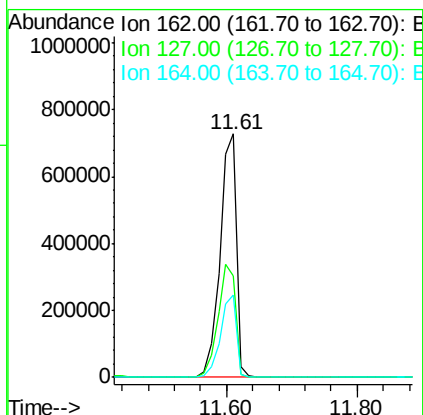
#46
2-Chloronaphthalene
Concen: 76.12 ng
RT: 11.61 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF087302.D
Acq: 23 May 2016 16:01

Tgt Ion: 162 Resp: 1278653
Ion Ratio Lower Upper
162 100
127 41.6 31.8 47.6
164 33.8 27.0 40.6

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

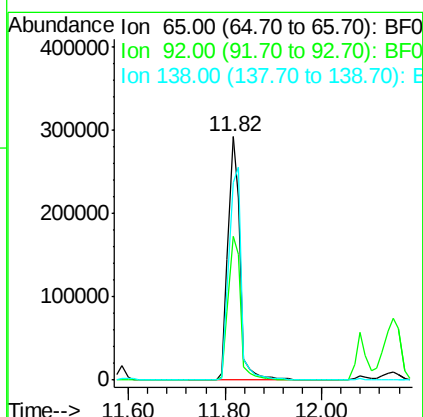
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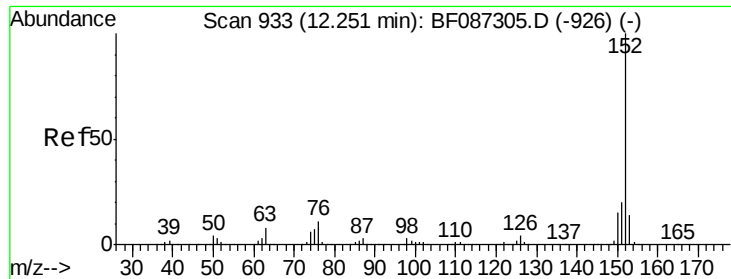
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#47
2-Nitroaniline
Concen: 79.70 ng
RT: 11.82 min Scan# 895
Delta R.T. 0.01 min
Lab File: BF087302.D
Acq: 23 May 2016 16:01

Tgt Ion: 65 Resp: 504741
Ion Ratio Lower Upper
65 100
92 59.3 57.4 86.2
138 81.2 90.1 135.1#





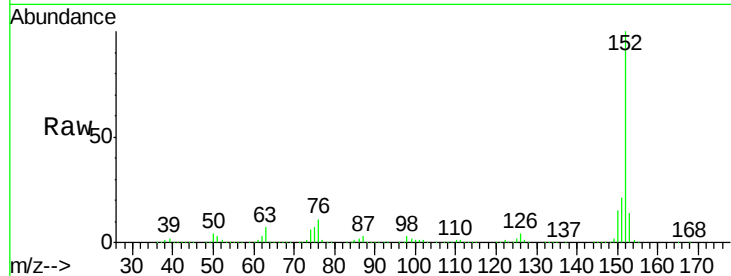
#48
Acenaphthylene
Concen: 75.22 ng
RT: 12.26 min Scan# 934
Delta R.T. 0.01 min
Lab File: BF087302.D
Acq: 23 May 2016 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

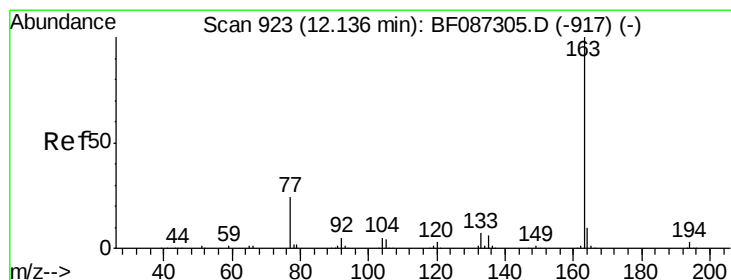
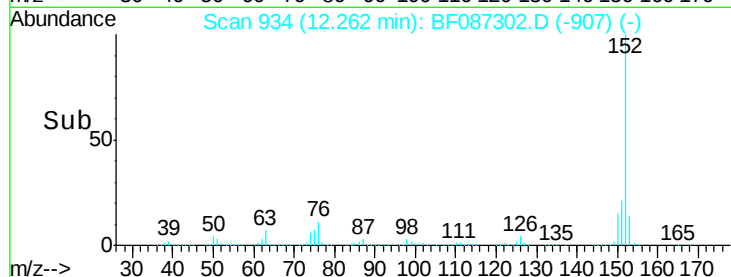
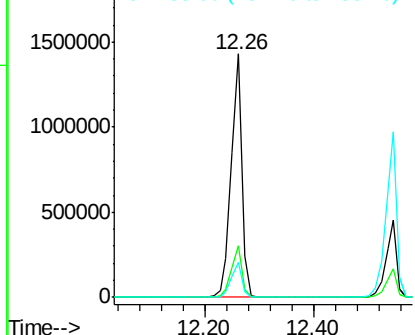
Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.8	25.2
153	14.3	10.9	16.3

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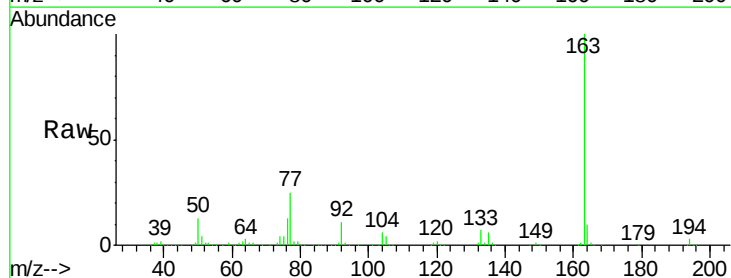


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

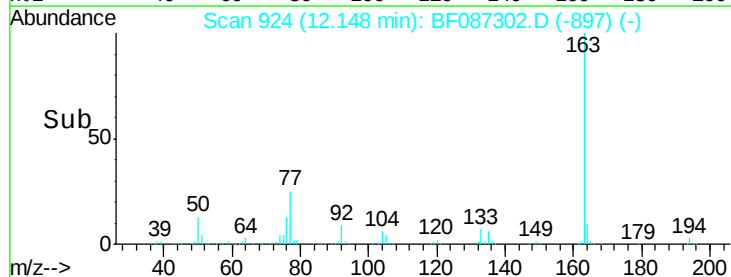
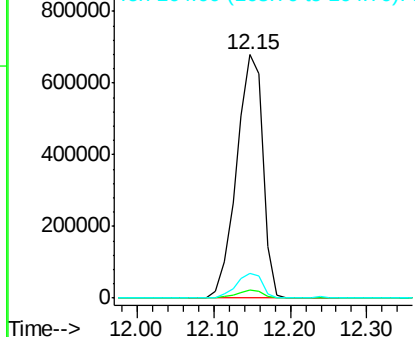


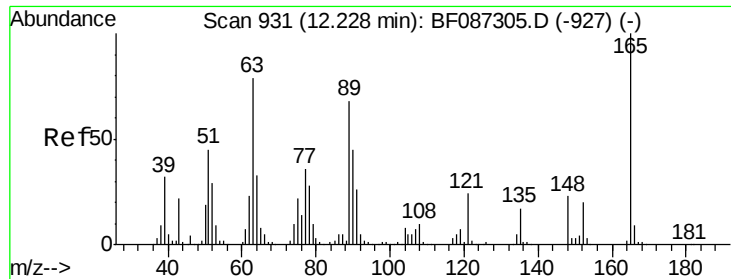
#49
Dimethylphthalate
Concen: 80.22 ng
RT: 12.15 min Scan# 924
Delta R.T. 0.01 min
Lab File: BF087302.D
Acq: 23 May 2016 16:01

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.3	8.2	12.4



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





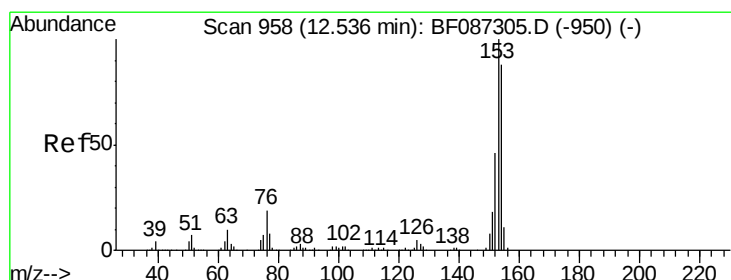
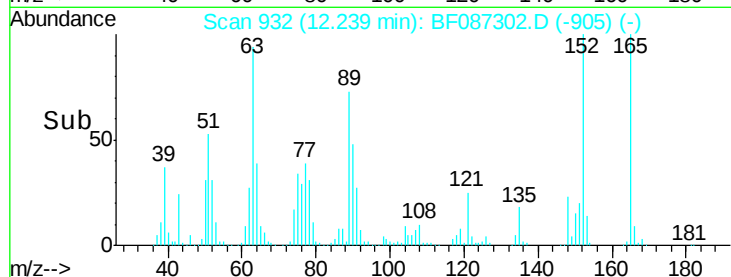
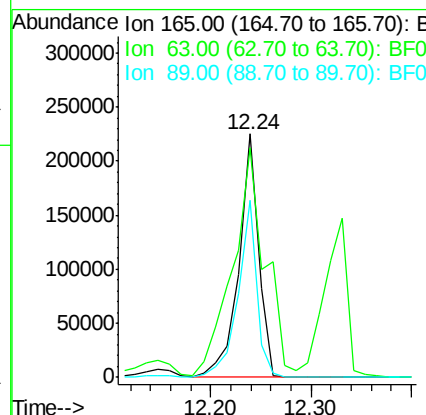
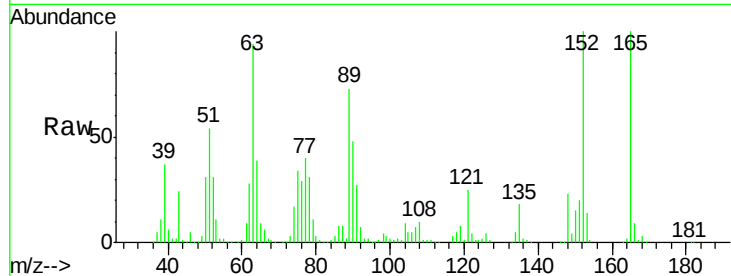
#50
2,6-Dinitrotoluene
Concen: 72.69 ng
RT: 12.24 min Scan# 932
Delta R.T. 0.01 min
Lab File: BF087302.D
Acq: 23 May 2016 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	310589		
63	94.4	51.8	77.8#	
89	72.5	50.7	76.1	

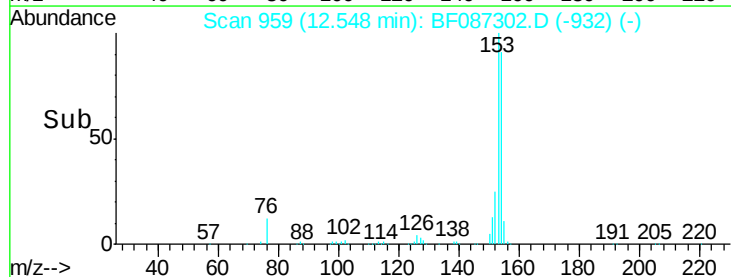
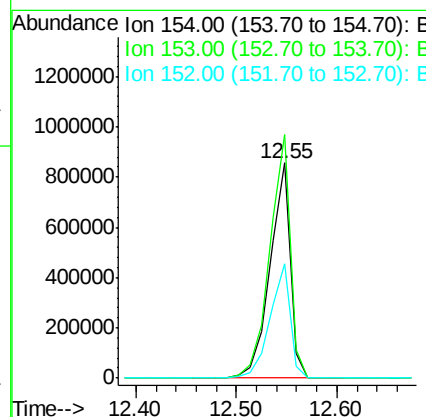
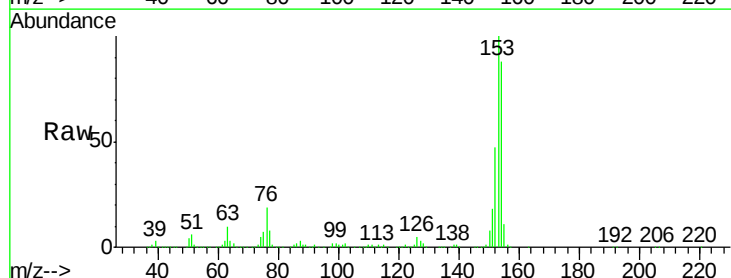
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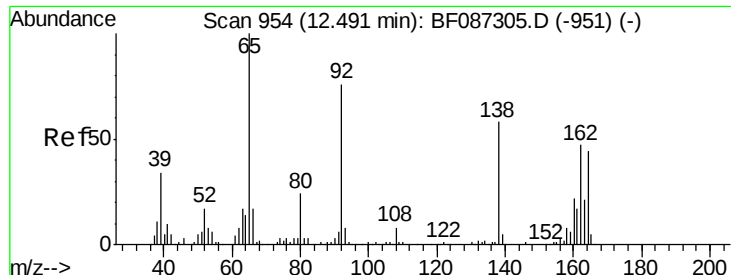
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#51
Acenaphthene
Concen: 74.38 ng
RT: 12.55 min Scan# 959
Delta R.T. 0.01 min
Lab File: BF087302.D
Acq: 23 May 2016 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1198921		
153	113.1	89.8	134.6	
152	53.2	43.4	65.0	





#52

3-Nitroaniline

Concen: 78.07 ng

RT: 12.51 min Scan# 956

Delta R.T. 0.02 min

Lab File: BF087302.D

Acq: 23 May 2016 16:01

Instrument :

BNA_F

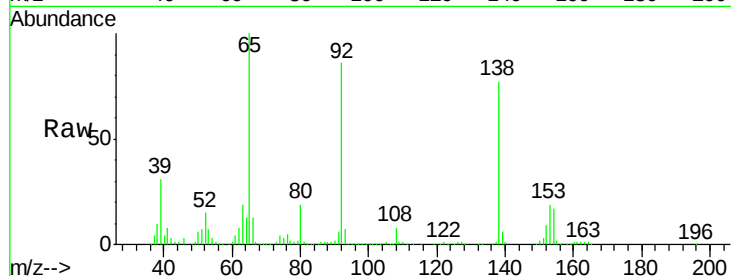
ClientSampleId :

SSTDIC080

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.5	7.8	11.6
92	112.5	87.8	131.8

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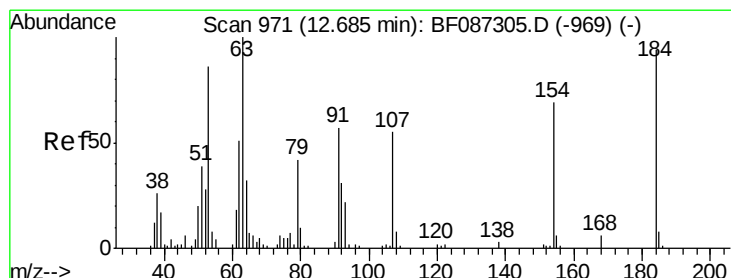
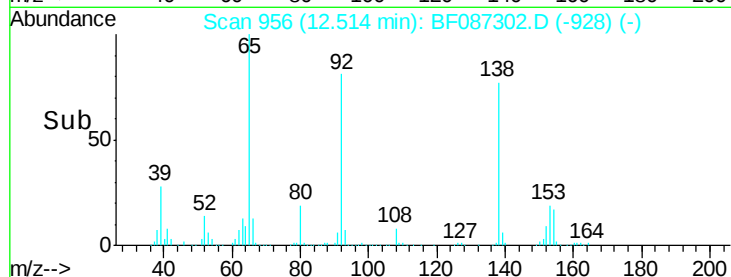
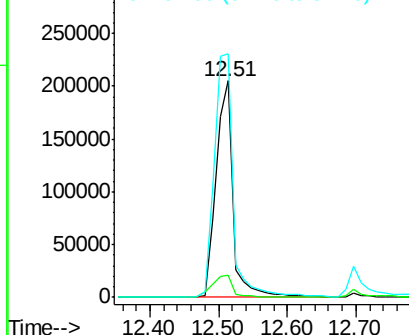


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 81.55 ng

RT: 12.70 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF087302.D

Acq: 23 May 2016 16:01

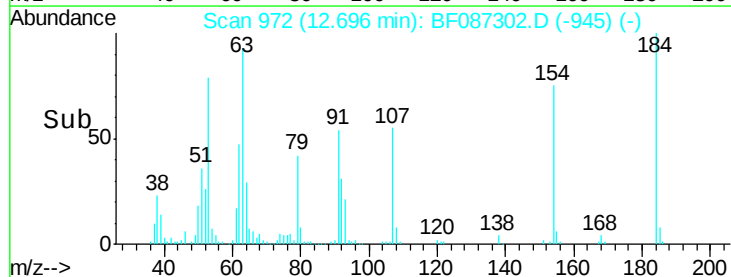
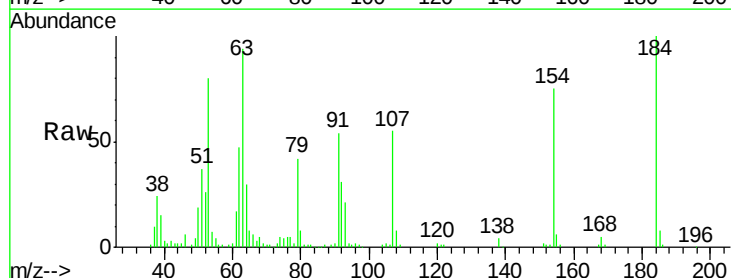
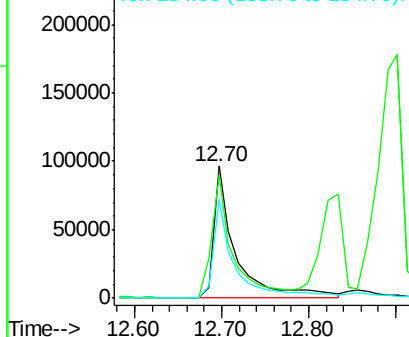
Tgt Ion	Ratio	Lower	Upper
184	100		
63	93.8	55.8	83.8#
154	75.2	62.4	93.6

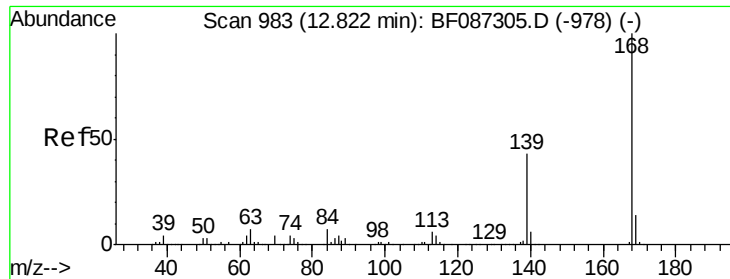
Abundance

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: 80.00 ng

RT: 12.83 min Scan# 984

Delta R.T. 0.01 min

Lab File: BF087302.D

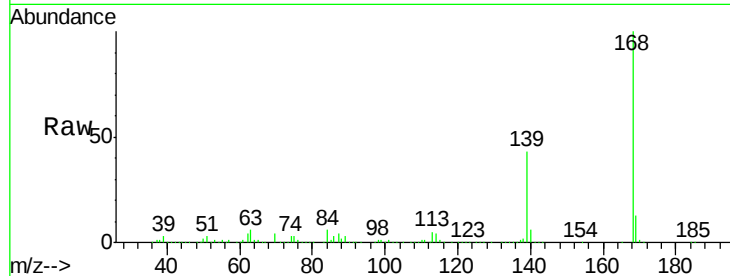
Acq: 23 May 2016 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDIC080



Tgt Ion:168 Resp: 1677449

Ion Ratio Lower Upper

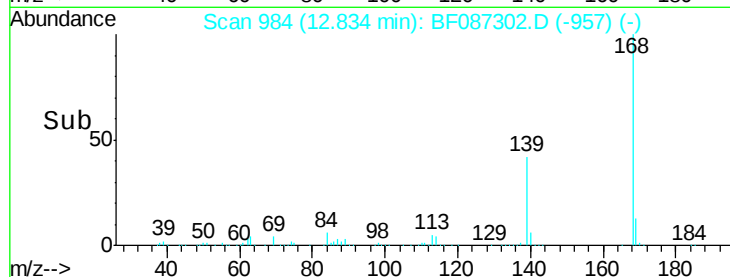
168 100

139 42.6 31.4 47.0

169 13.4 10.7 16.1

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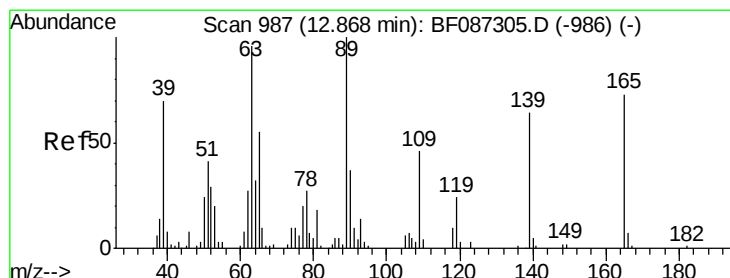
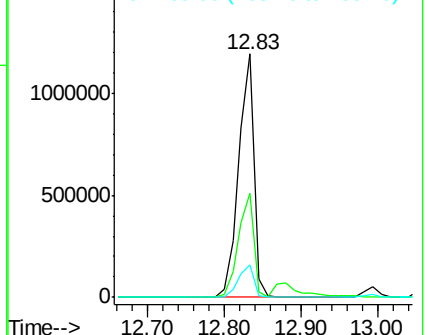
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 97.00 ng

RT: 12.88 min Scan# 988

Delta R.T. 0.01 min

Lab File: BF087302.D

Acq: 23 May 2016 16:01

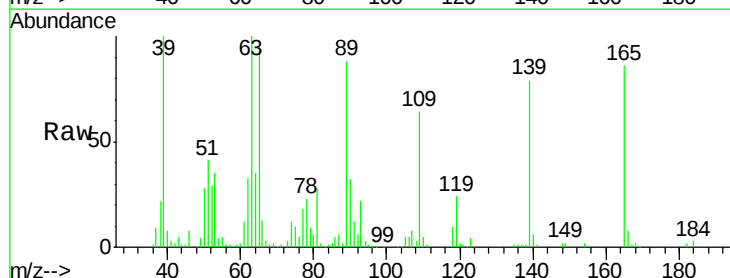
Tgt Ion:139 Resp: 192119

Ion Ratio Lower Upper

139 100

109 80.5 36.9 76.9#

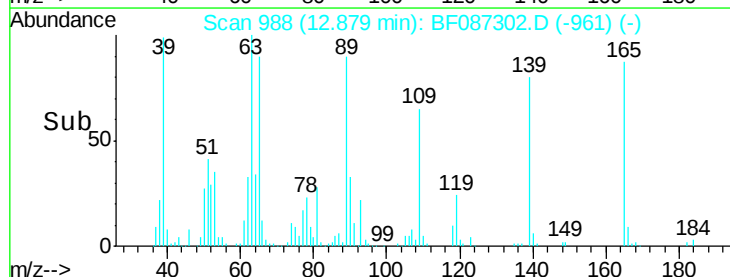
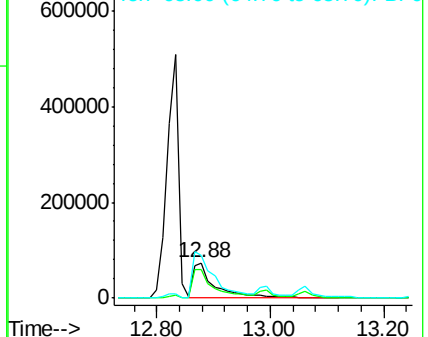
65 120.3 64.0 104.0#

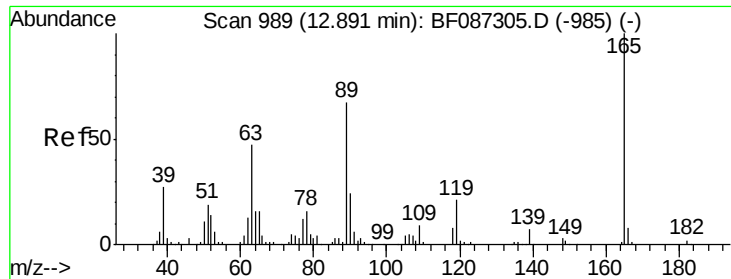


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





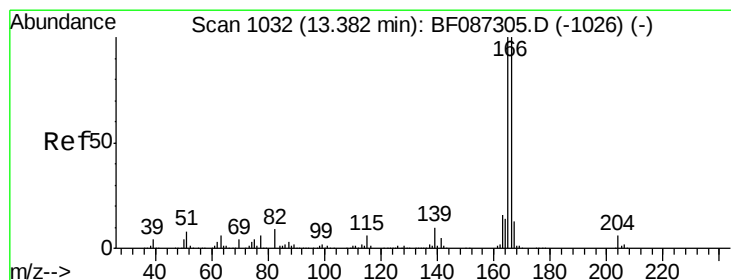
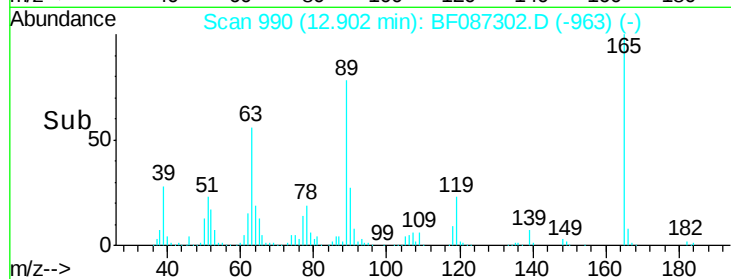
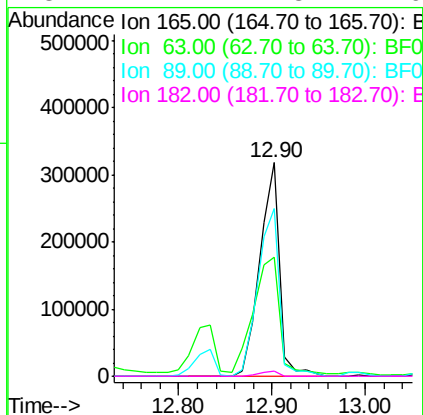
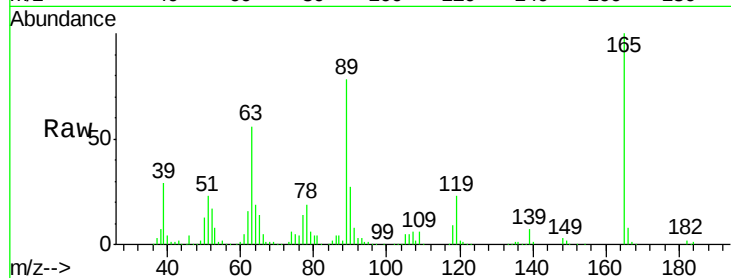
#56
2,4-Dinitrotoluene
Concen: 84.55 ng
RT: 12.90 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF087302.D
Acq: 23 May 2016 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	470512		
63	56.0	44.3	66.5	
89	78.3	70.0	105.0	
182	2.4	1.8	2.6	

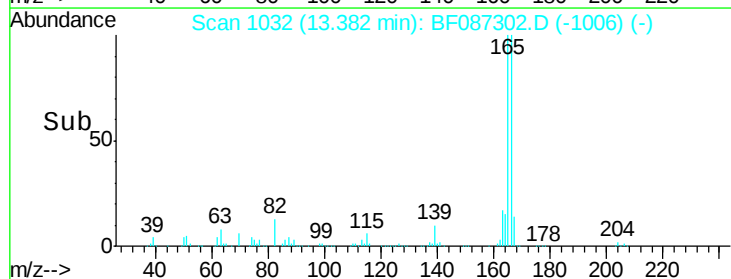
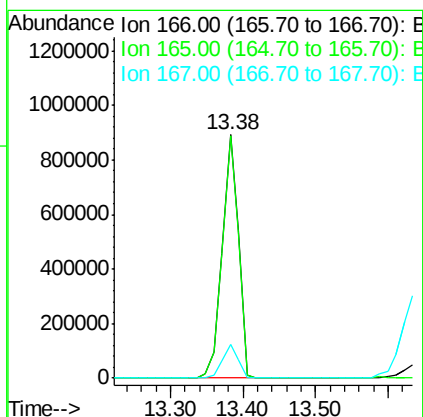
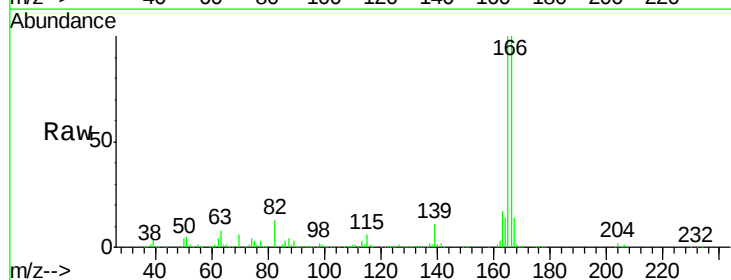
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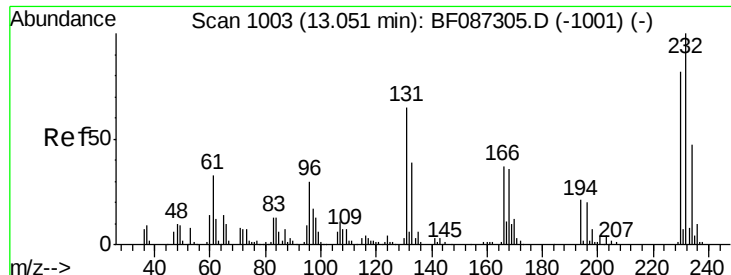
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#57
Fluorene
Concen: 80.40 ng
RT: 13.38 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF087302.D
Acq: 23 May 2016 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1381438		
165	99.6	79.0	118.6	
167	13.8	10.6	15.8	





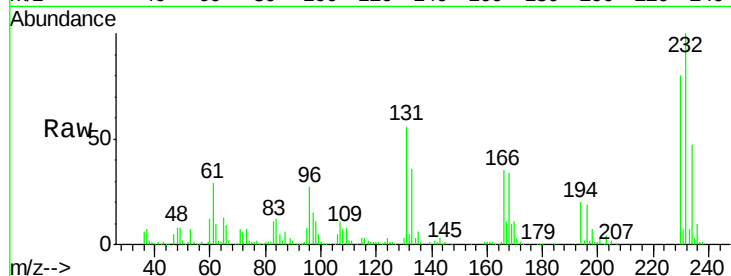
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 73.37 ng
 RT: 13.06 min Scan# 1004
 Delta R.T. 0.01 min
 Lab File: BF087302.D
 Acq: 23 May 2016 16:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

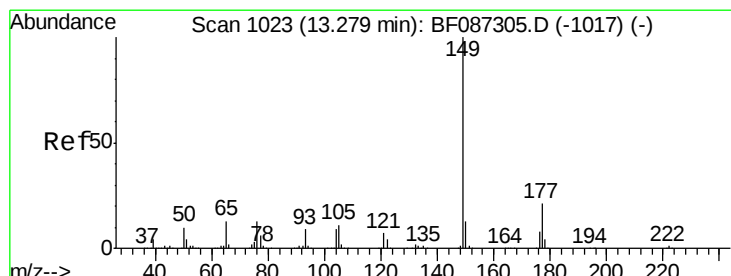
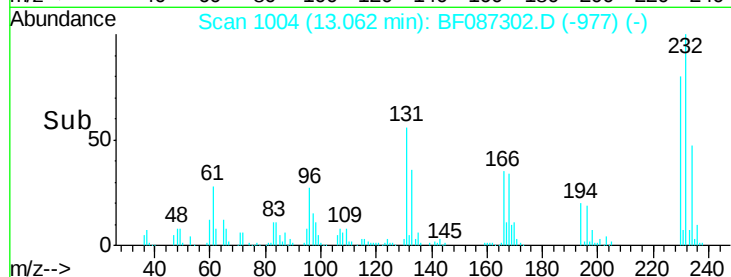
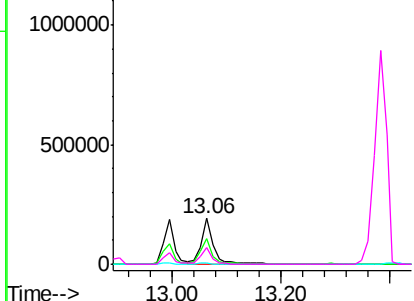
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	293208		
131	53.4	41.9	62.9	
130	2.8	2.2	3.4	
166	33.3	26.8	40.2	

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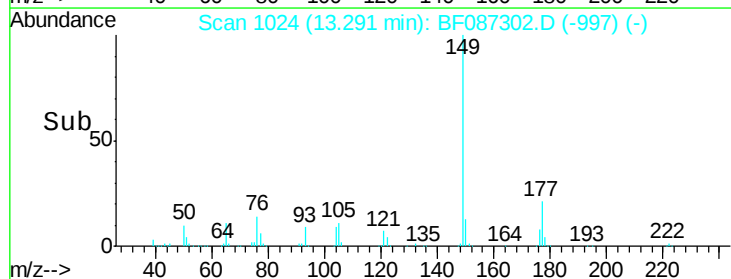
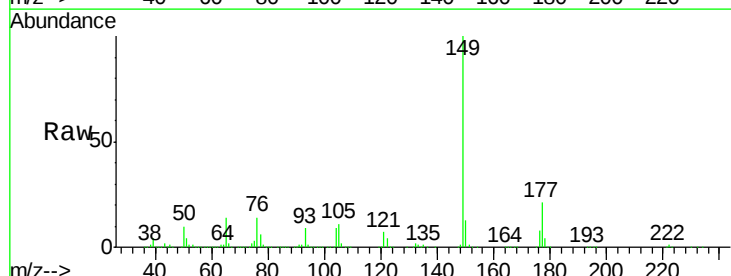
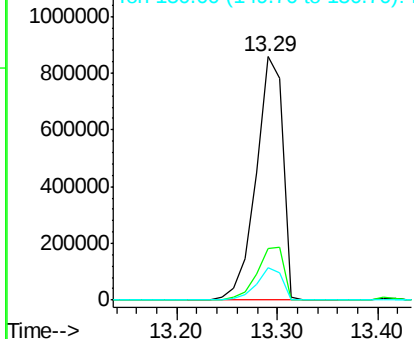
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

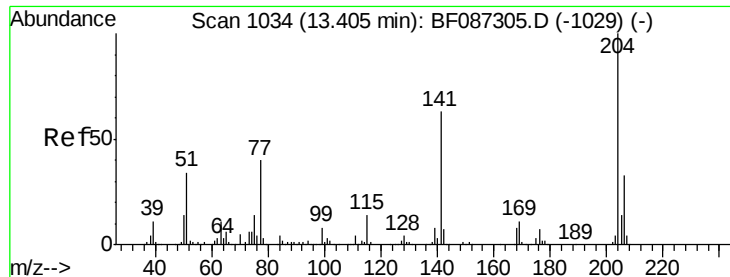


#59
 Diethylphthalate
 Concen: 83.07 ng
 RT: 13.29 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF087302.D
 Acq: 23 May 2016 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1578316		
177	21.3	16.6	24.8	
150	13.1	10.0	15.0	

Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





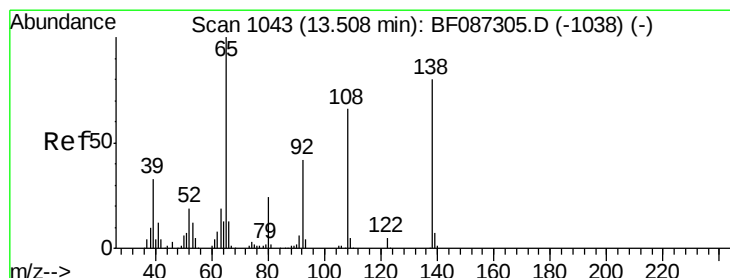
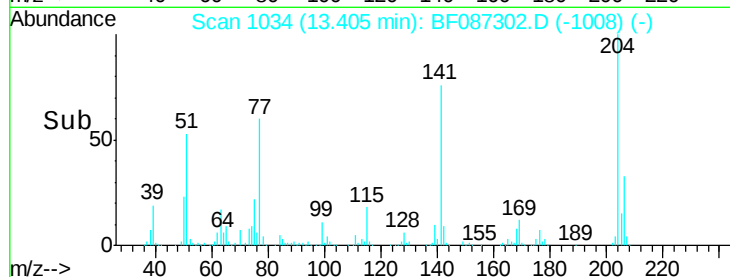
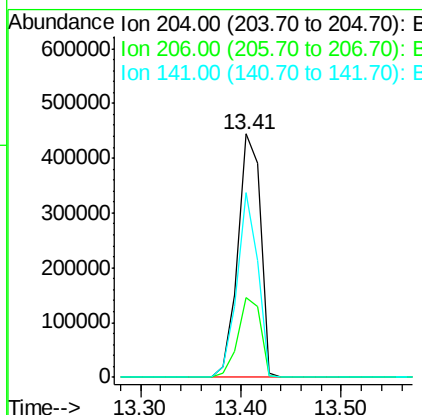
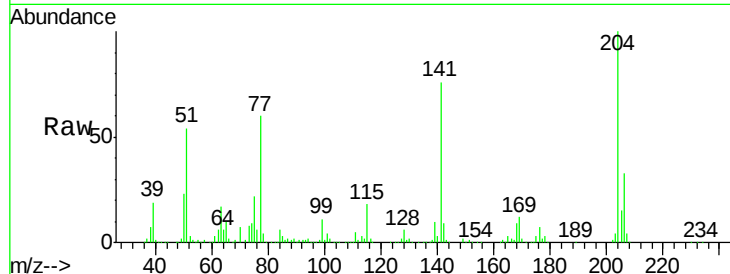
#60
 4-Chlorophenyl-phenylether
 Concen: 87.74 ng
 RT: 13.41 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF087302.D
 Acq: 23 May 2016 16:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion:	204	Resp:	698076
Ion Ratio	Lower	Upper	
204	100		
206	32.5	25.4	38.0
141	75.7	61.6	92.4

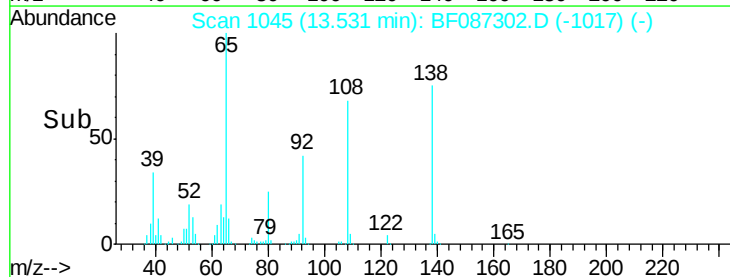
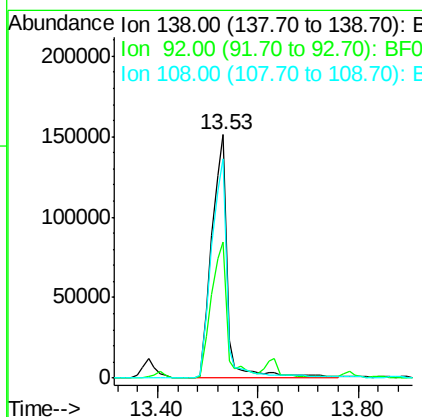
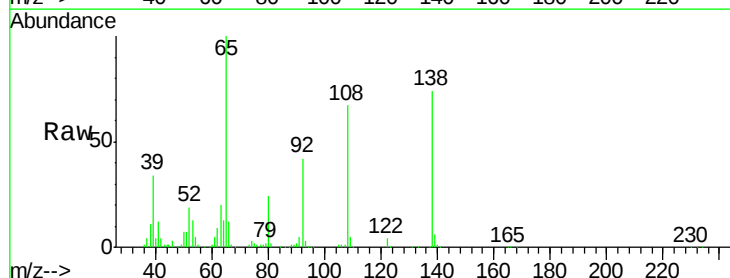
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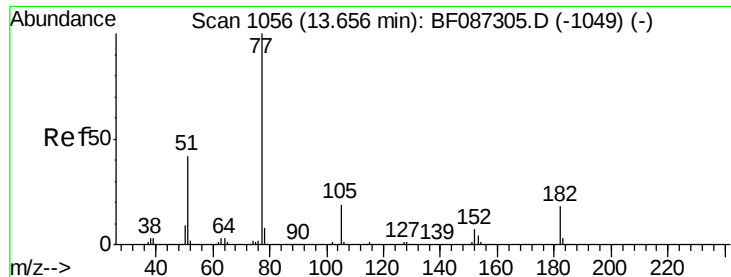
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#61
 4-Nitroaniline
 Concen: 73.66 ng
 RT: 13.53 min Scan# 1045
 Delta R.T. 0.02 min
 Lab File: BF087302.D
 Acq: 23 May 2016 16:01

Tgt Ion:	138	Resp:	332144
Ion Ratio	Lower	Upper	
138	100		
92	56.1	24.7	64.7
108	90.2	37.4	77.4





#62

Azobenzene

Concen: 74.42 ng

RT: 13.67 min Scan# 1057

Delta R.T. 0.01 min

Lab File: BF087302.D

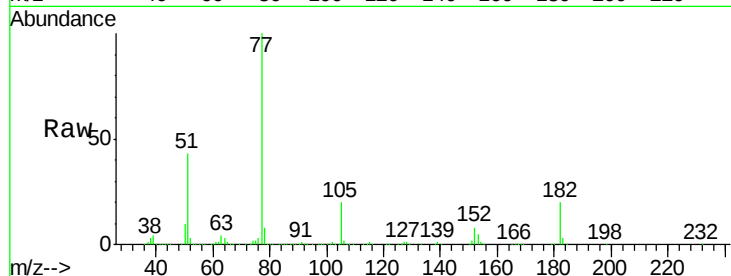
Acq: 23 May 2016 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDIC080



Tgt Ion: 77 Resp: 1628372

Ion Ratio Lower Upper

77 100

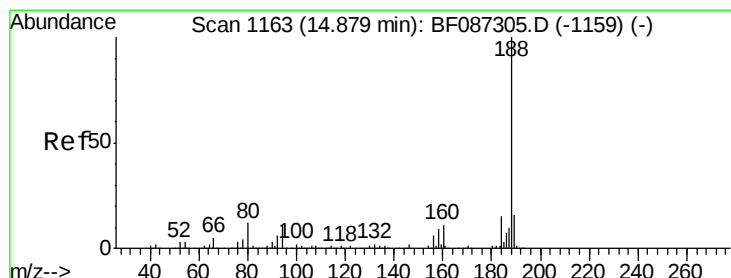
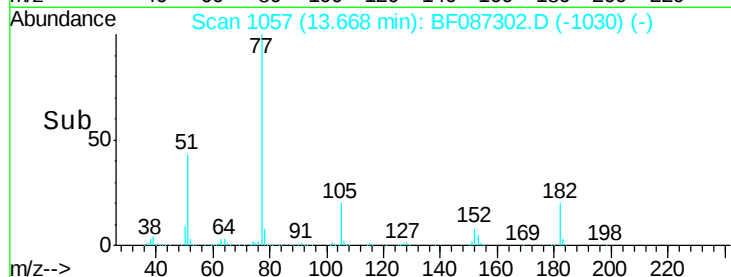
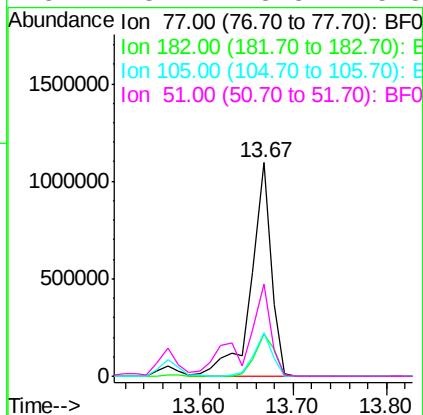
182 19.6 0.0 38.8

105 20.2 3.2 43.2

51 43.2 8.8 48.8

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#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.89 min Scan# 1164

Delta R.T. 0.01 min

Lab File: BF087302.D

Acq: 23 May 2016 16:01

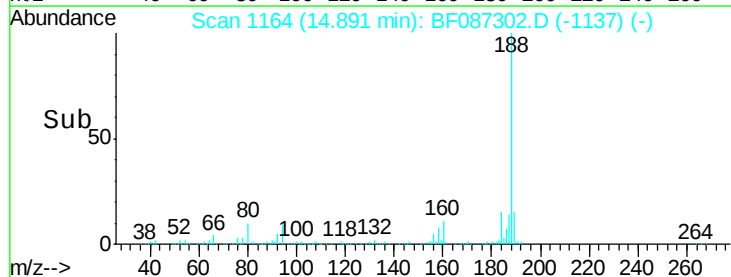
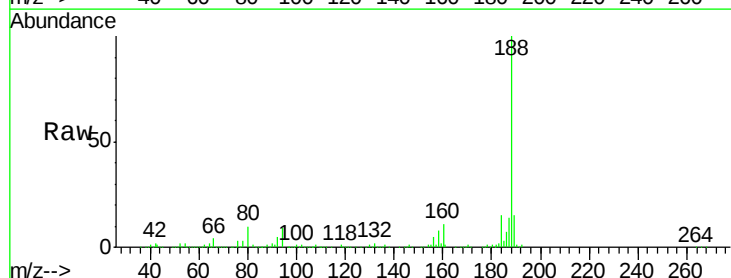
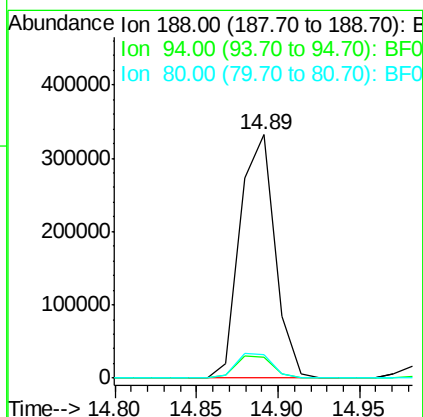
Tgt Ion: 188 Resp: 491055

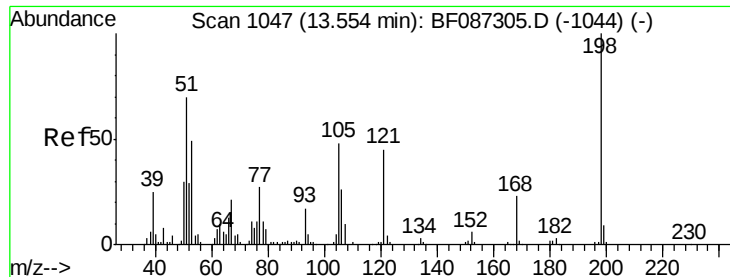
Ion Ratio Lower Upper

188 100

94 8.6 6.8 10.2

80 9.6 7.1 10.7





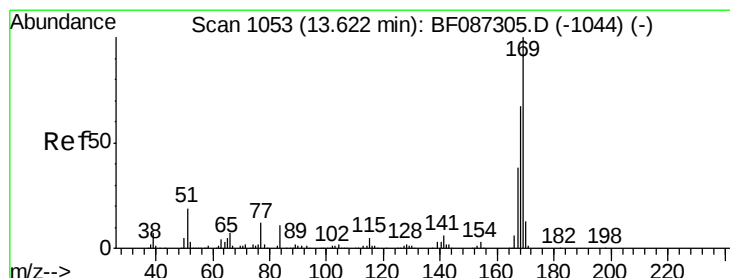
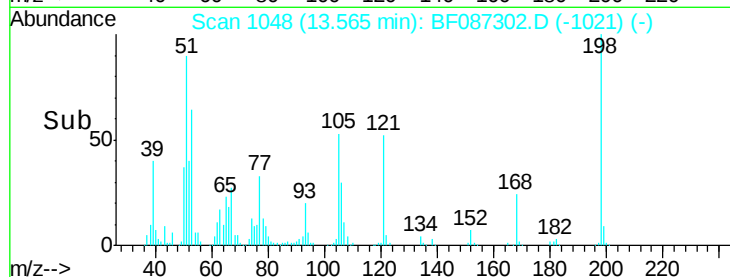
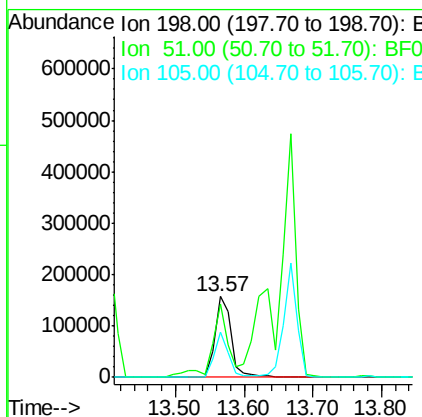
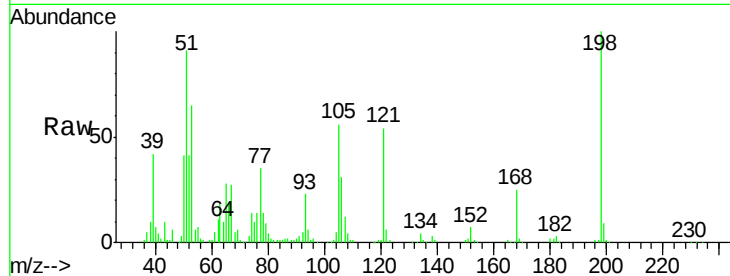
#64
 4,6-Dinitro-2-methylphenol
 Concen: 81.90 ng
 RT: 13.57 min Scan# 1048
 Delta R.T. 0.01 min
 Lab File: BF087302.D
 Acq: 23 May 2016 16:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	264708		
51	91.3	20.5	60.5#	
105	56.1	24.5	64.5	

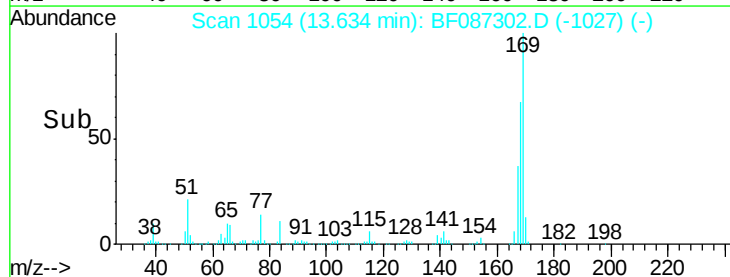
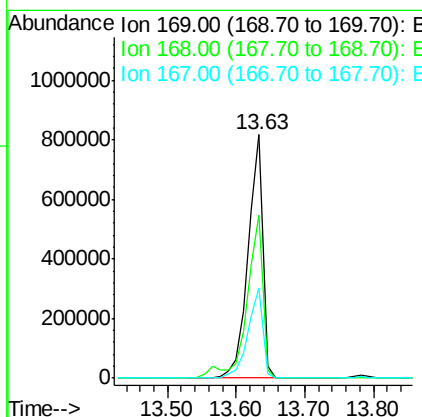
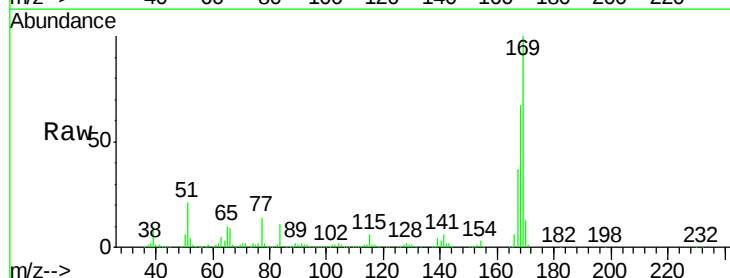
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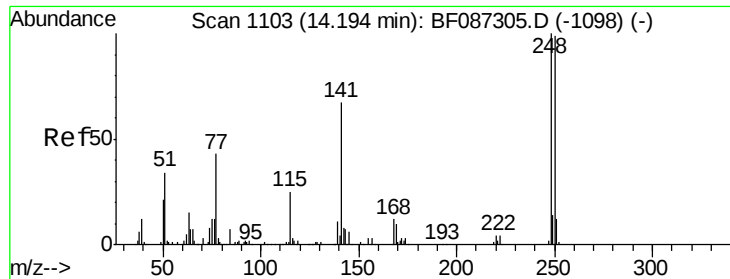
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#65
 n-Nitrosodiphenylamine
 Concen: 77.68 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: BF087302.D
 Acq: 23 May 2016 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1201014		
168	67.1	53.8	80.6	
167	37.2	29.5	44.3	





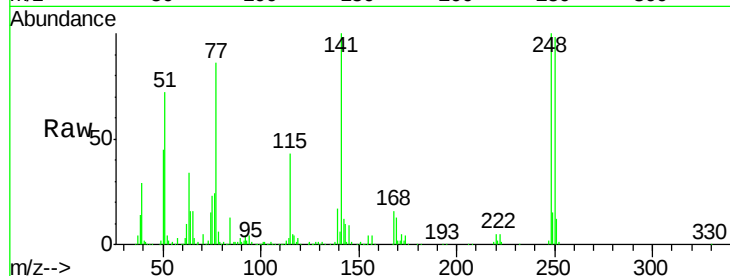
#66
4-Bromophenyl-phenylether
Concen: 76.91 ng
RT: 14.19 min Scan# 1103
Delta R.T. 0.00 min
Lab File: BF087302.D
Acq: 23 May 2016 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

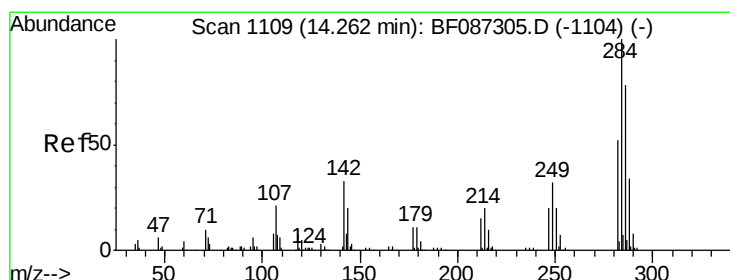
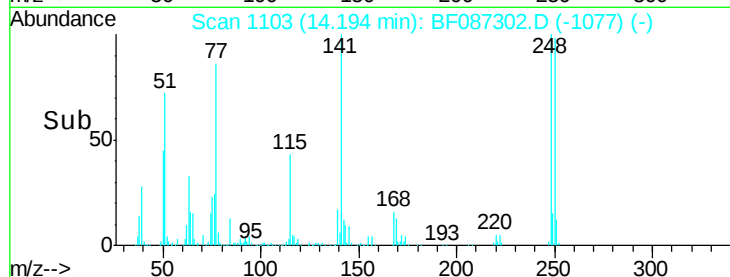
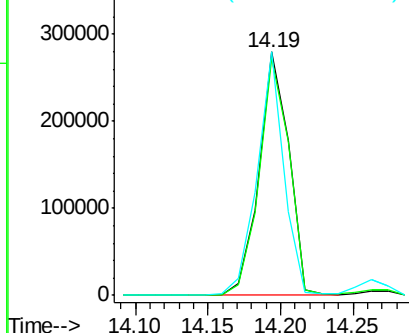
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	397569		
250	97.5	78.6	117.8	
141	99.9	76.0	114.0	

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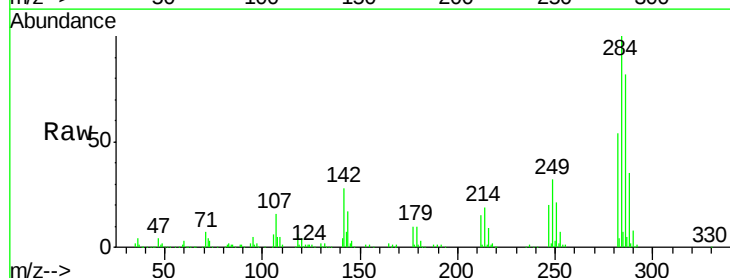


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

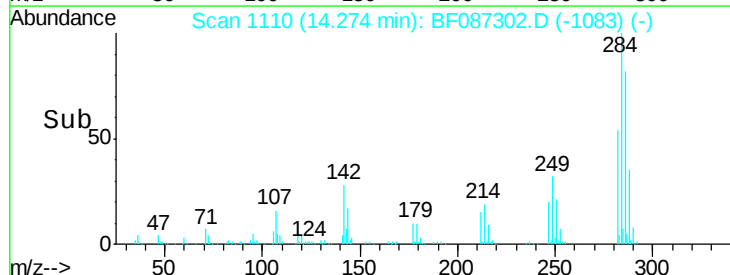
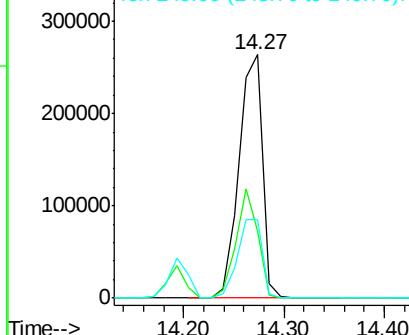


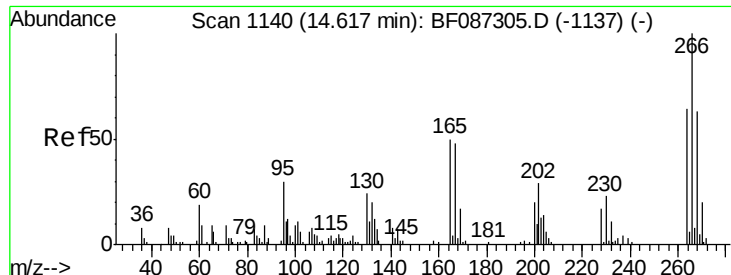
#67
Hexachlorobenzene
Concen: 73.55 ng
RT: 14.27 min Scan# 1110
Delta R.T. 0.01 min
Lab File: BF087302.D
Acq: 23 May 2016 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	424976		
142	27.6	16.7	25.1#	
249	32.0	21.3	31.9#	



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





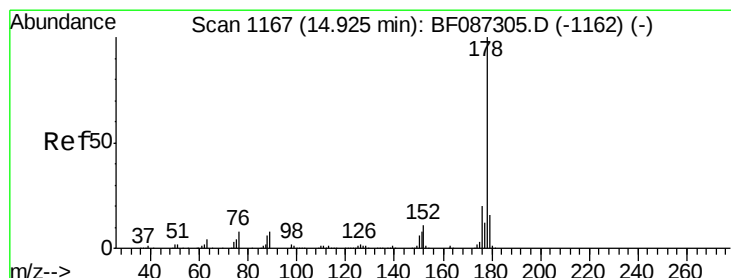
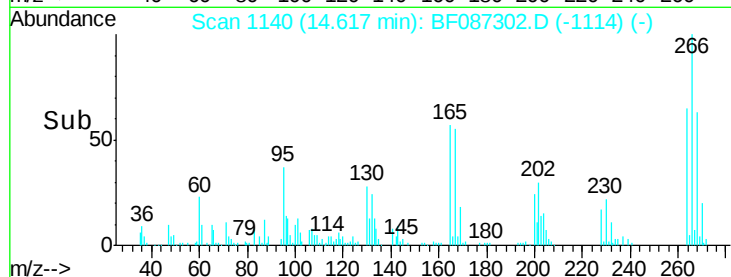
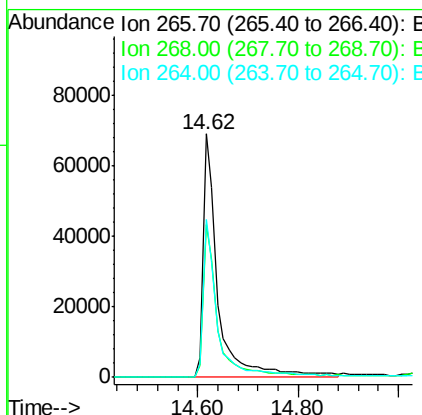
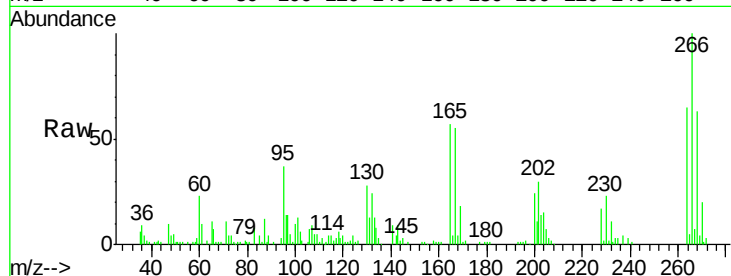
#69
 Pentachlorophenol
 Concen: 68.55 ng
 RT: 14.62 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BF087302.D
 Acq: 23 May 2016 16:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	142463		
268	62.9	51.5	77.3	
264	64.8	52.9	79.3	

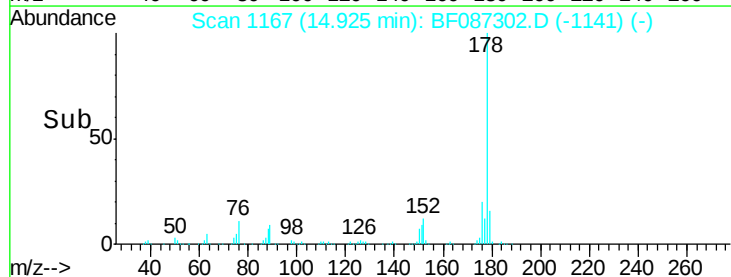
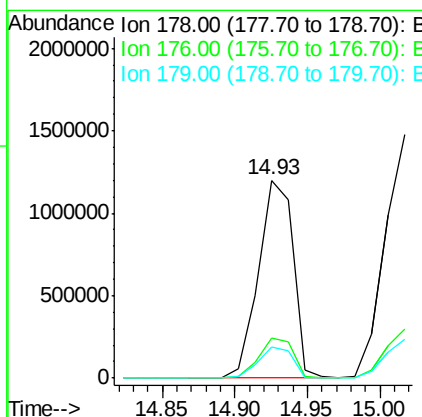
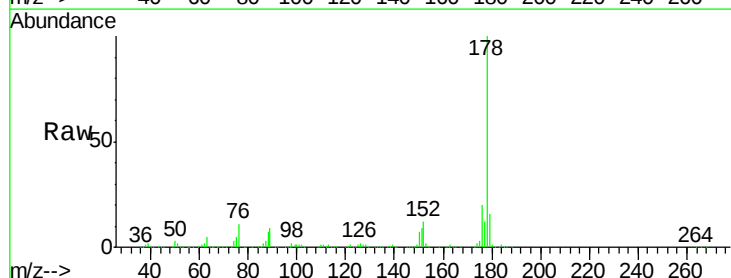
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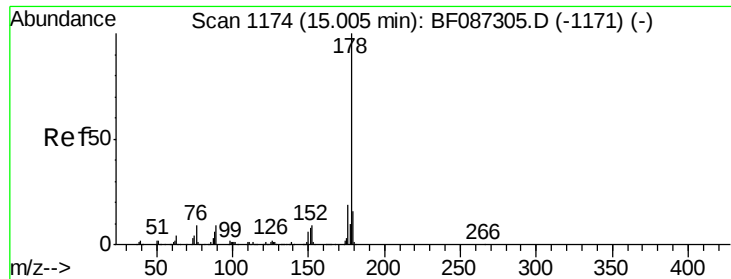
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#70
 Phenanthrene
 Concen: 74.84 ng
 RT: 14.93 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF087302.D
 Acq: 23 May 2016 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1985885		
176	20.2	16.0	24.0	
179	16.0	12.6	18.8	





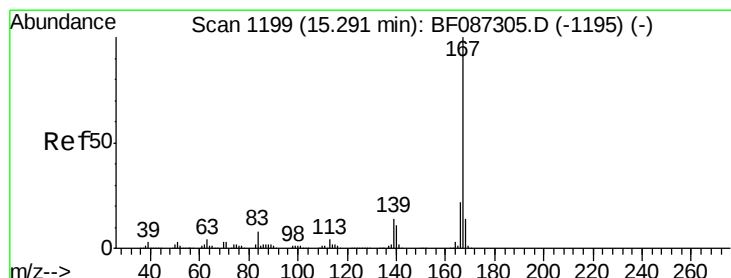
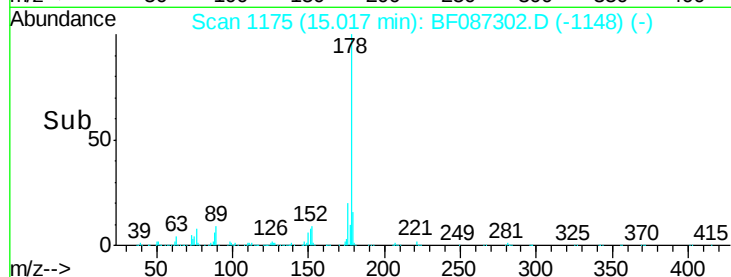
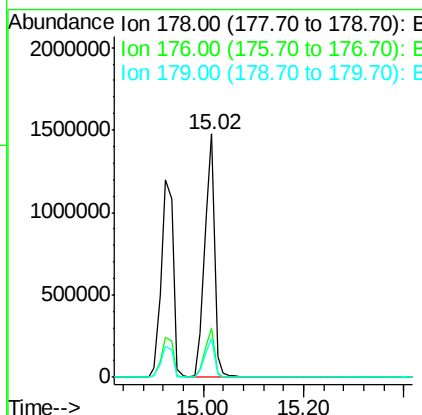
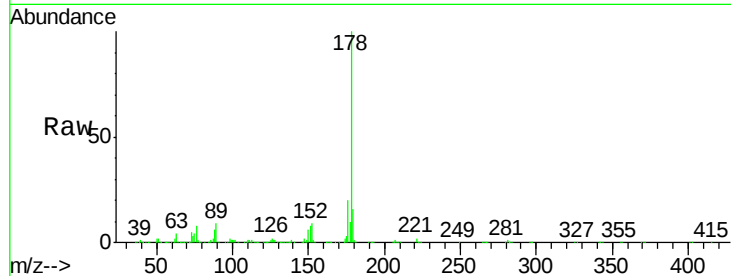
#71
 Anthracene
 Concen: 73.40 ng
 RT: 15.02 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BF087302.D
 Acq: 23 May 2016 16:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion:178 Resp: 2013309
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.6 23.4
 179 15.8 12.7 19.1

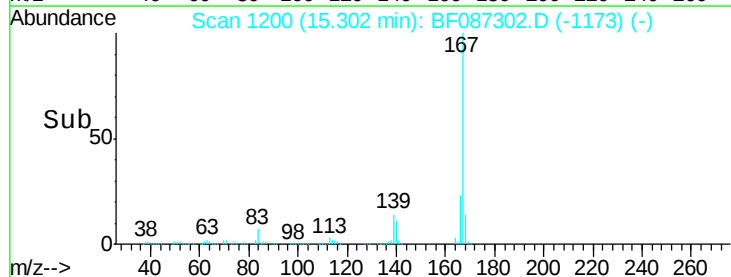
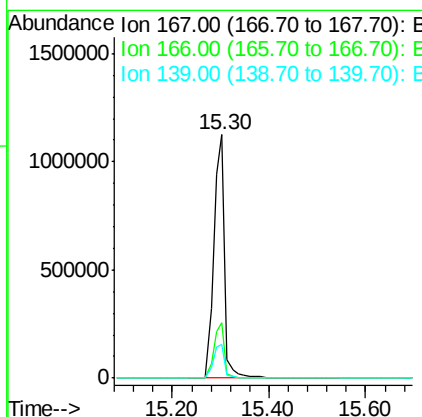
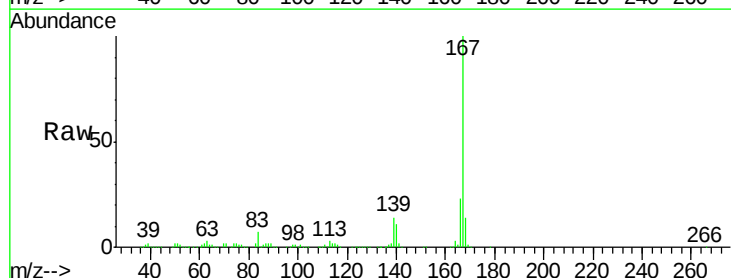
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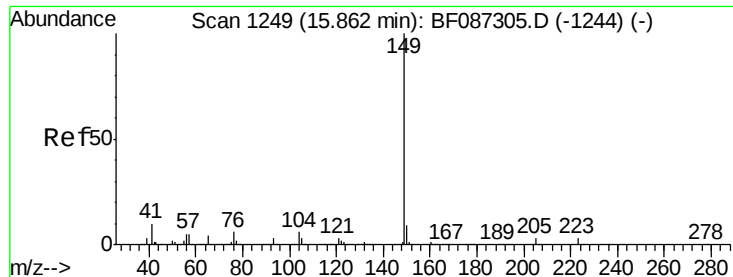
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#72
 Carbazole
 Concen: 73.14 ng
 RT: 15.30 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF087302.D
 Acq: 23 May 2016 16:01

Tgt Ion:167 Resp: 1781189
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.7 26.5
 139 14.0 10.8 16.2





#73

Di-n-butylphthalate

Concen: 77.96 ng

RT: 15.86 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BF087302.D

Acq: 23 May 2016 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion:149 Resp: 2223986

Ion Ratio Lower Upper

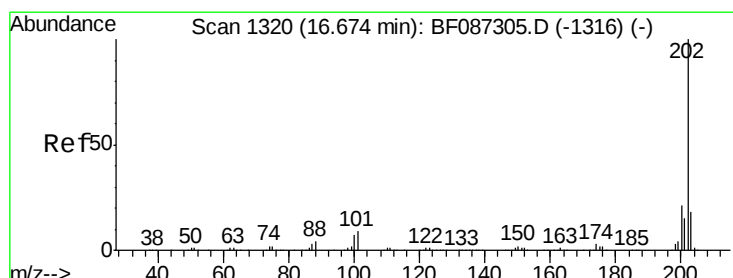
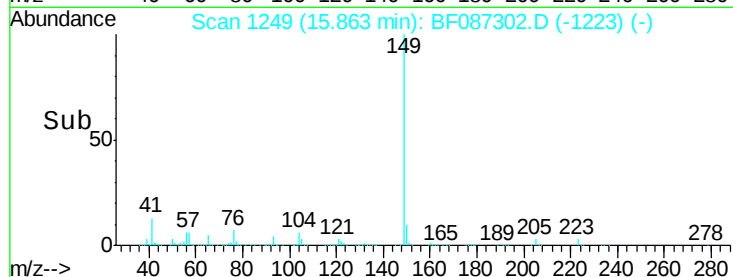
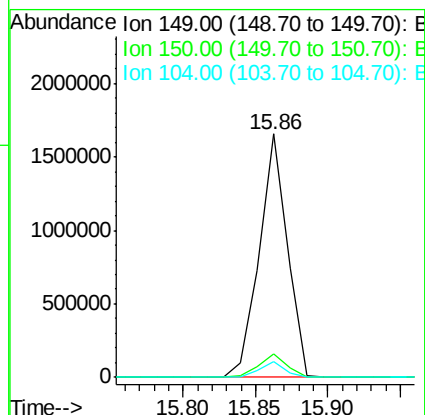
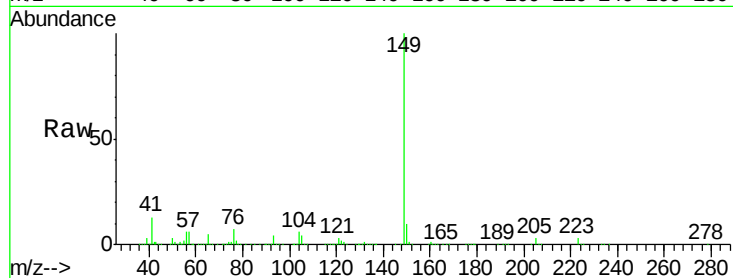
149 100

150 9.7 7.6 11.4

104 6.3 3.8 5.6#

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#74

Fluoranthene

Concen: 68.64 ng

RT: 16.67 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF087302.D

Acq: 23 May 2016 16:01

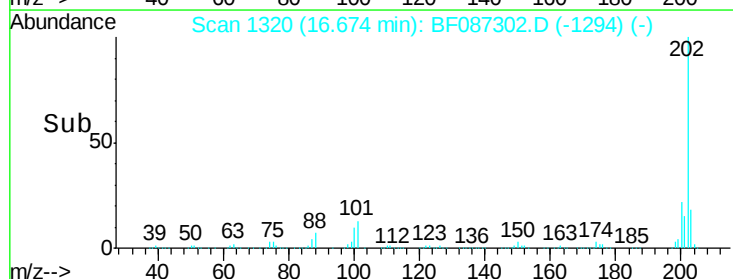
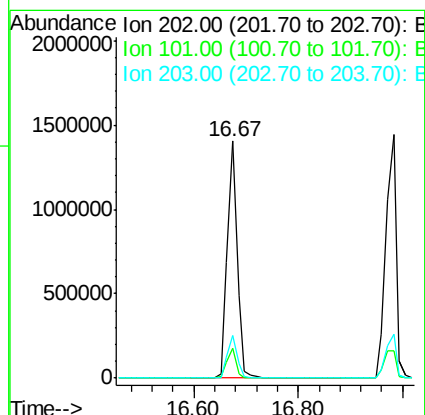
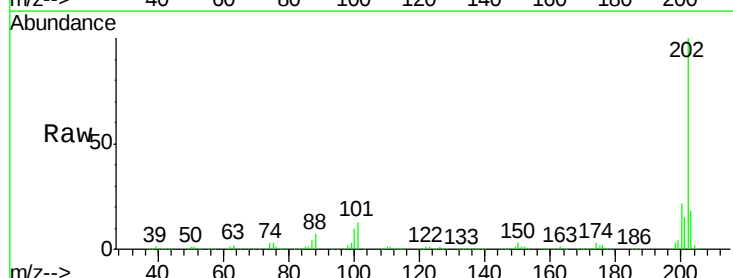
Tgt Ion:202 Resp: 1849813

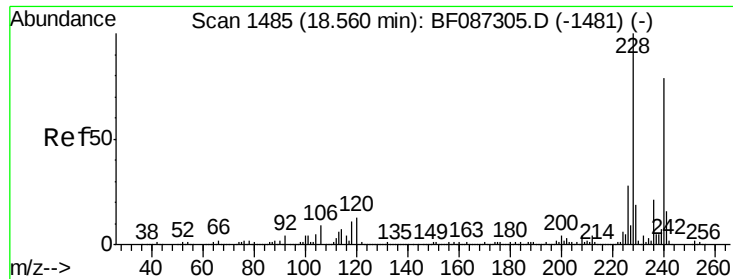
Ion Ratio Lower Upper

202 100

101 12.7 0.0 35.4

203 18.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.57 min Scan# 1486

Delta R.T. 0.01 min

Lab File: BF087302.D

Acq: 23 May 2016 16:01

Instrument :

BNA_F

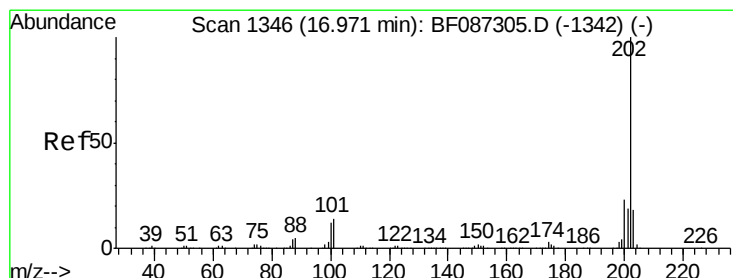
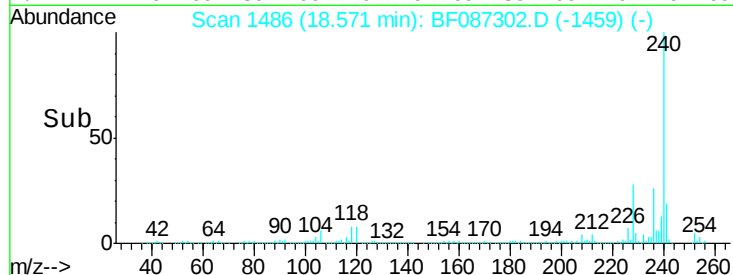
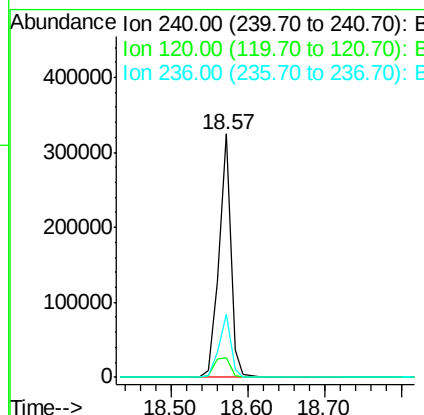
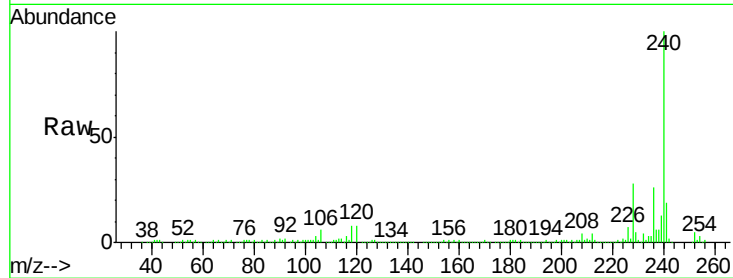
ClientSampleId :

SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	346931		
120	8.1	11.2	16.8#	
236	25.9	21.2	31.8	

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#77

Pyrene

Concen: 79.63 ng

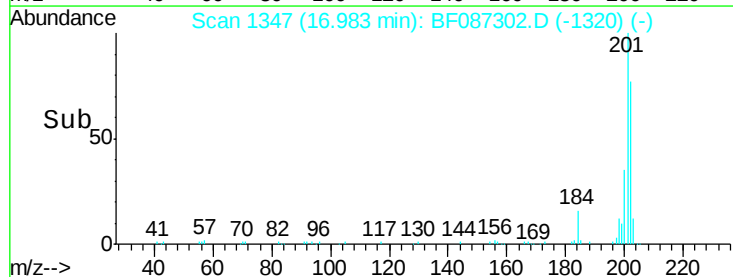
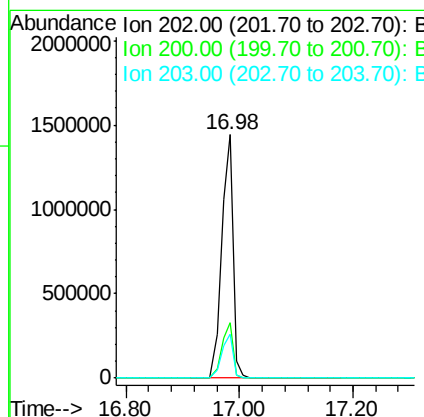
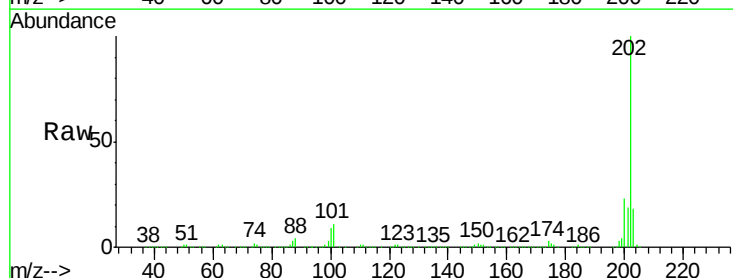
RT: 16.98 min Scan# 1347

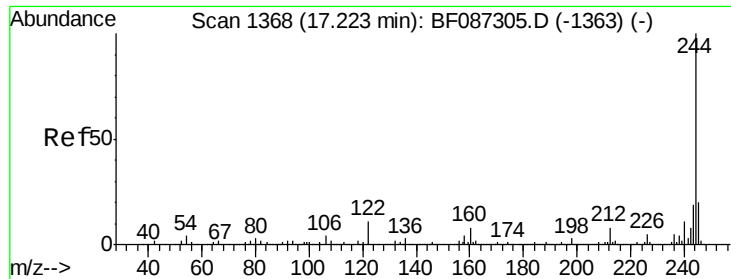
Delta R.T. 0.01 min

Lab File: BF087302.D

Acq: 23 May 2016 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1990823		
200	22.8	17.7	26.5	
203	18.0	14.2	21.4	





#78

Terphenyl-d14

Concen: 166.64 ng

RT: 17.22 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BF087302.D

Acq: 23 May 2016 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:244 Resp: 2626771

Ion Ratio Lower Upper

244 100

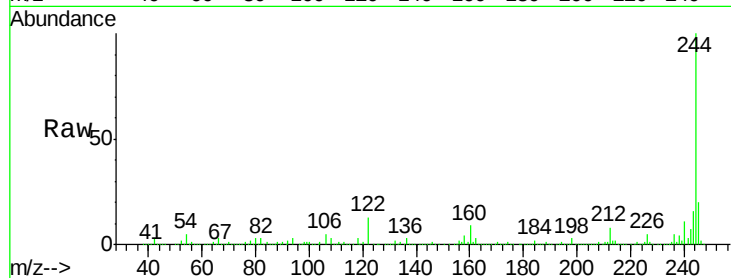
212 7.7 6.2 9.2

122 13.2 12.0 18.0

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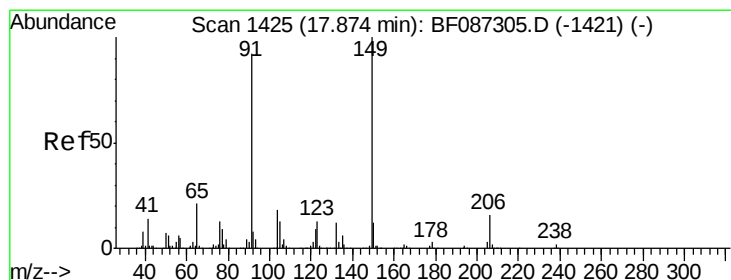
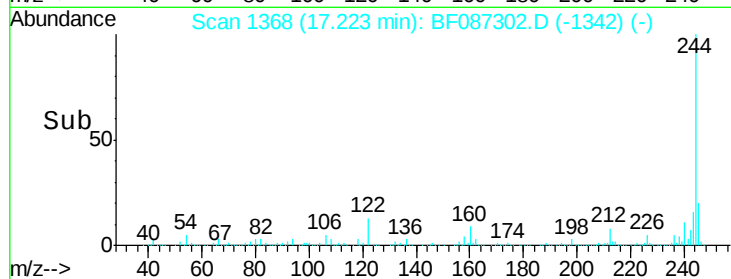
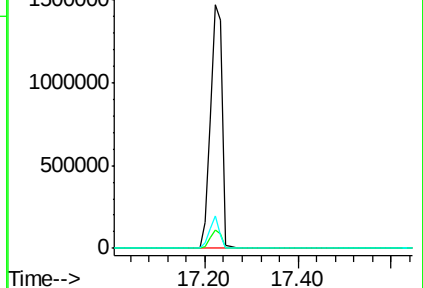
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 84.48 ng

RT: 17.89 min Scan# 1426

Delta R.T. 0.01 min

Lab File: BF087302.D

Acq: 23 May 2016 16:01

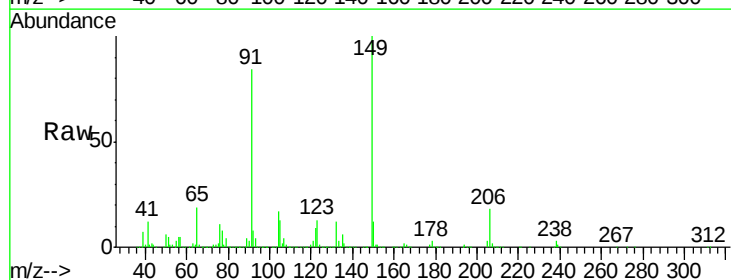
Tgt Ion:149 Resp: 897066

Ion Ratio Lower Upper

149 100

91 83.8 48.0 72.0#

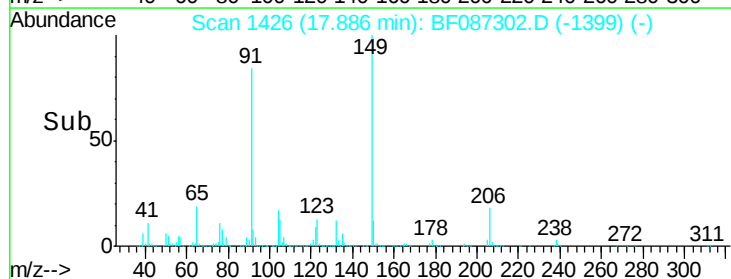
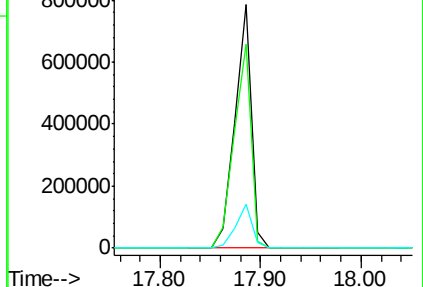
206 18.0 15.8 23.6

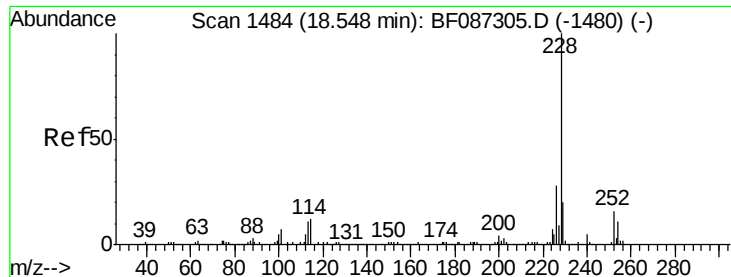


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 76.31 ng

RT: 18.56 min Scan# 1485

Delta R.T. 0.01 min

Lab File: BF087302.D

Acq: 23 May 2016 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:228 Resp: 1541188

Ion Ratio Lower Upper

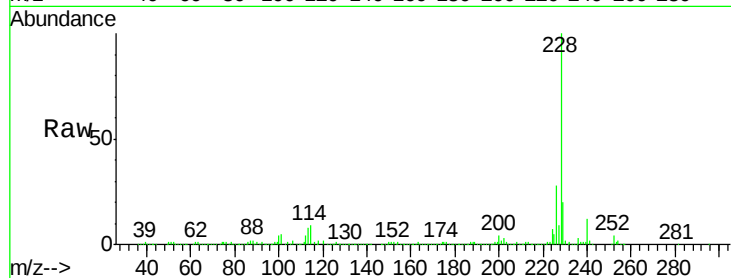
228 100

226 27.9 22.5 33.7

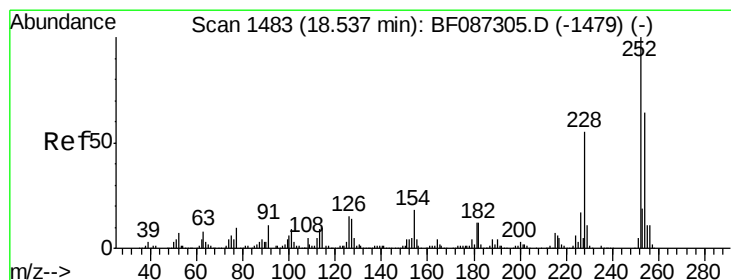
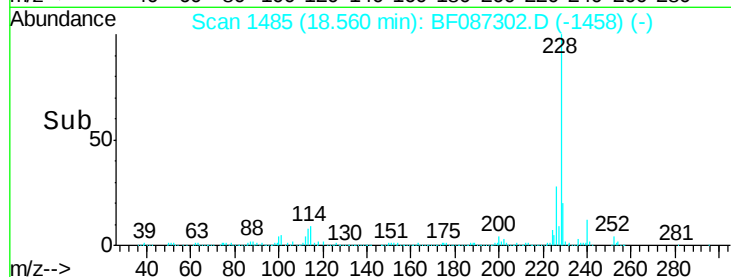
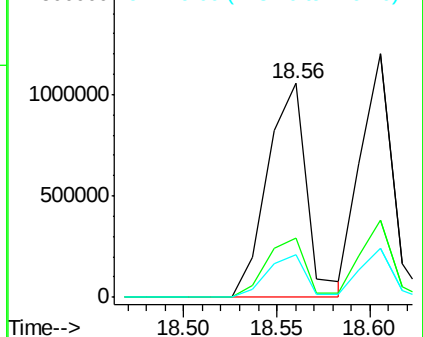
229 20.0 16.6 25.0

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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



#81

3,3'-Dichlorobenzidine

Concen: 67.33 ng

RT: 18.55 min Scan# 1484

Delta R.T. 0.01 min

Lab File: BF087302.D

Acq: 23 May 2016 16:01

Tgt Ion:252 Resp: 843270

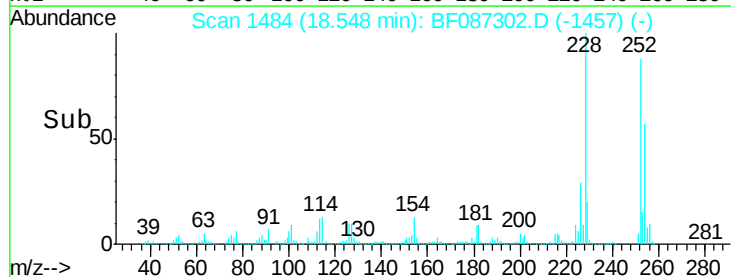
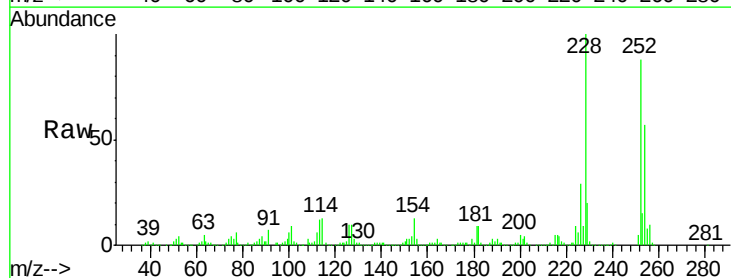
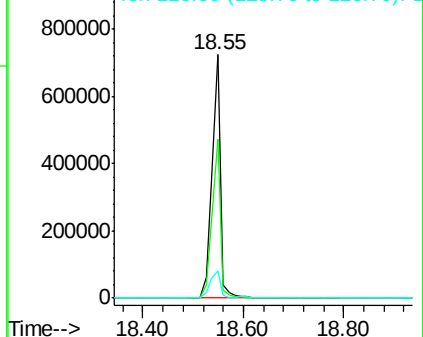
Ion Ratio Lower Upper

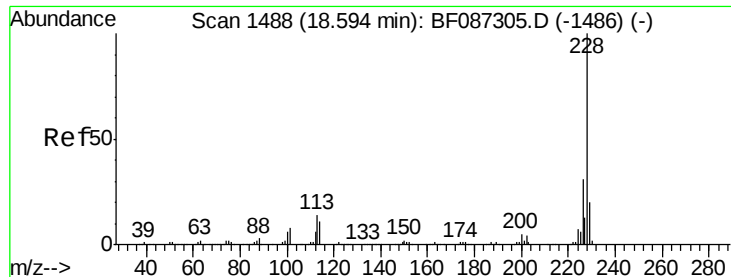
252 100

254 65.1 50.7 76.1

126 11.1 12.7 19.1#

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: 73.23 ng

RT: 18.61 min Scan# 1489

Delta R.T. 0.01 min

Lab File: BF087302.D

Acq: 23 May 2016 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:228 Resp: 1421868

Ion Ratio Lower Upper

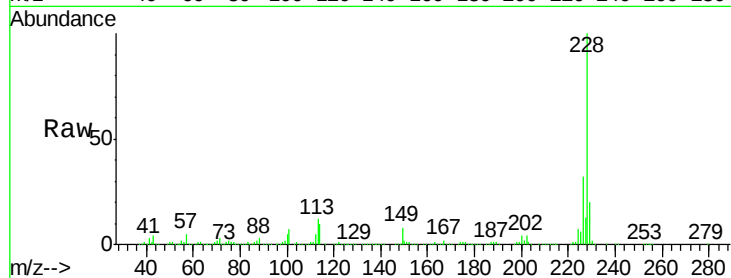
228 100

226 31.7 24.4 36.6

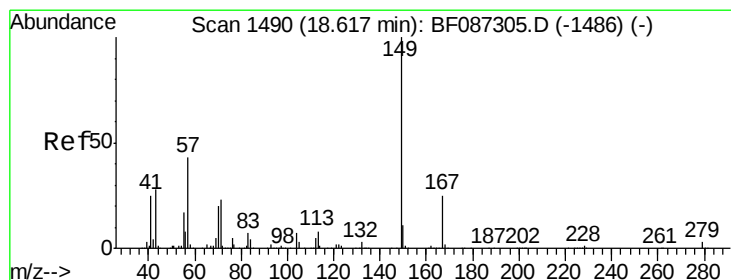
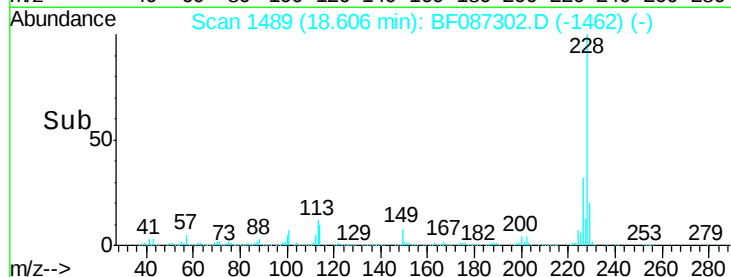
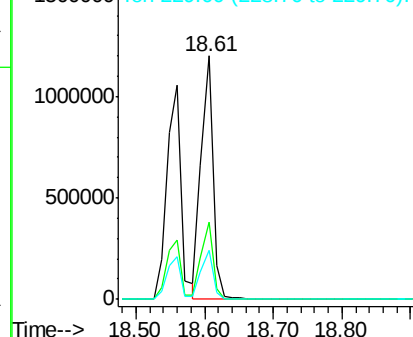
229 20.3 15.8 23.8

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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: 99.65 ng

RT: 18.63 min Scan# 1491

Delta R.T. 0.01 min

Lab File: BF087302.D

Acq: 23 May 2016 16:01

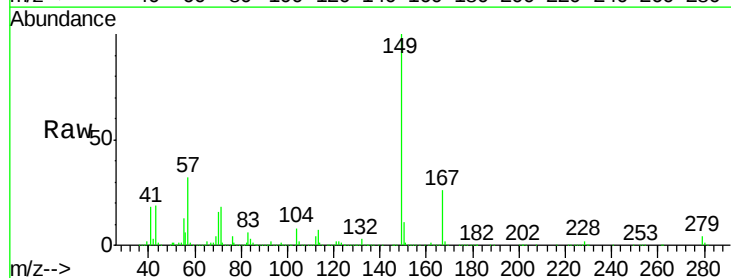
Tgt Ion:149 Resp: 1332535

Ion Ratio Lower Upper

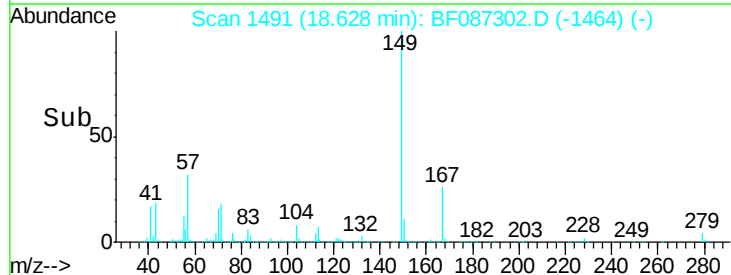
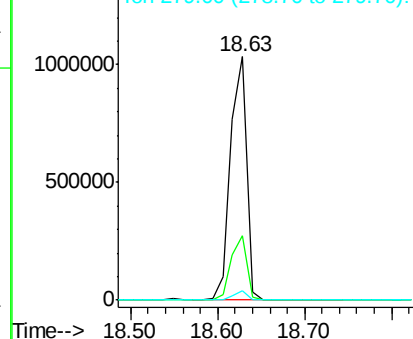
149 100

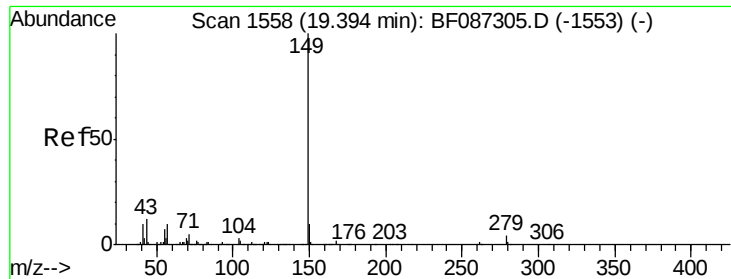
167 26.4 21.8 32.6

279 3.8 2.6 4.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





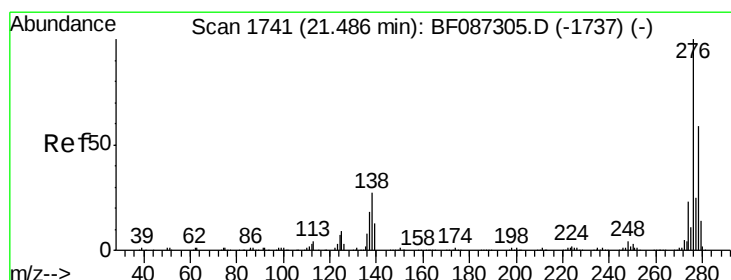
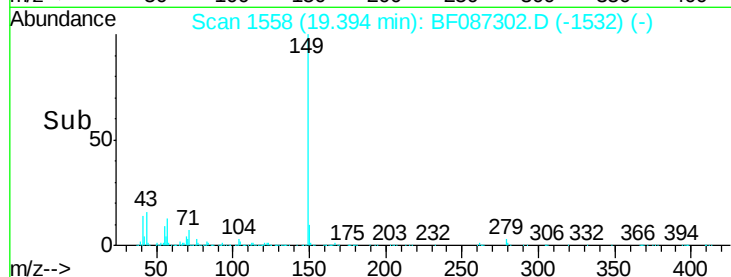
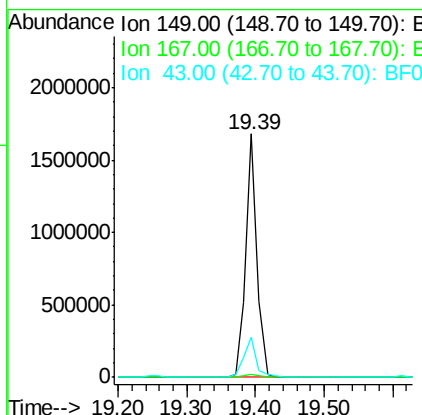
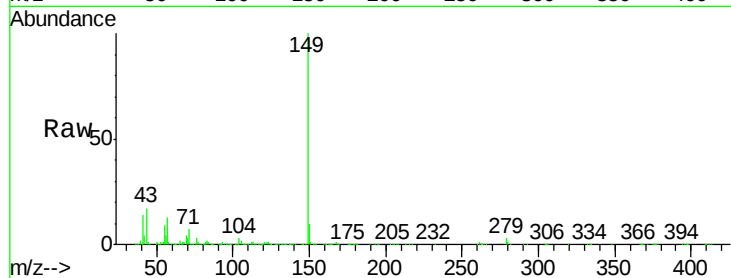
#84
Di-n-octyl phthalate
Concen: 83.35 ng
RT: 19.39 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF087302.D
Acq: 23 May 2016 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	18.4	8.2	12.4

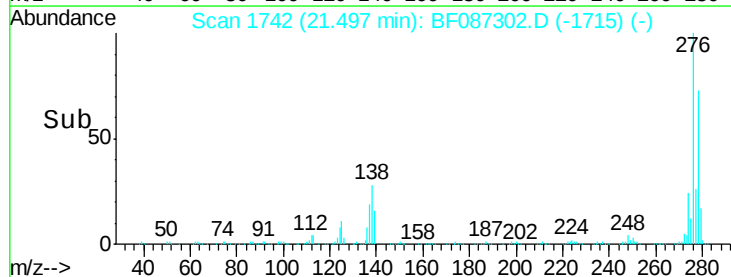
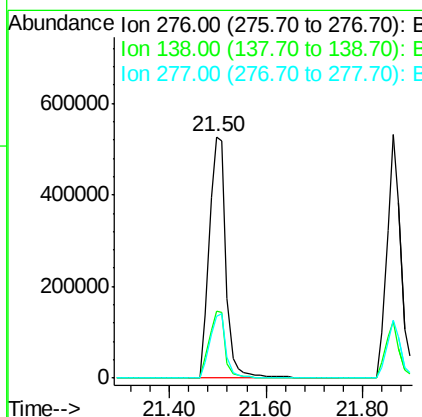
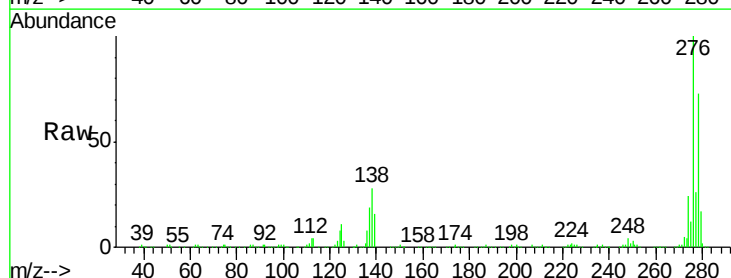
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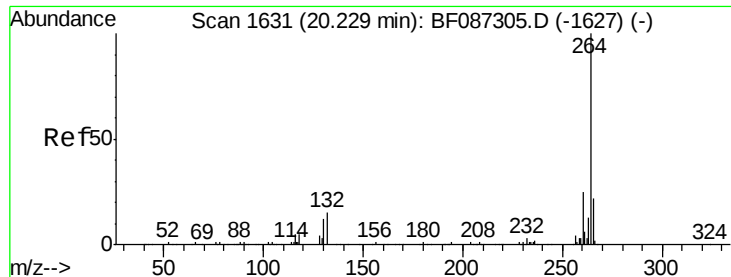
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#85
Indeno(1,2,3-cd)pyrene
Concen: 76.34 ng
RT: 21.50 min Scan# 1742
Delta R.T. 0.01 min
Lab File: BF087302.D
Acq: 23 May 2016 16:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.0	25.6	38.4
277	25.8	20.5	30.7





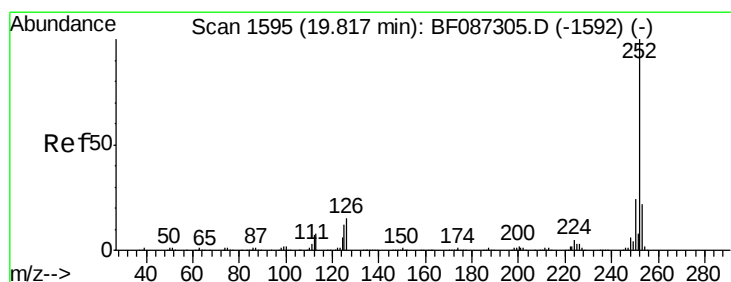
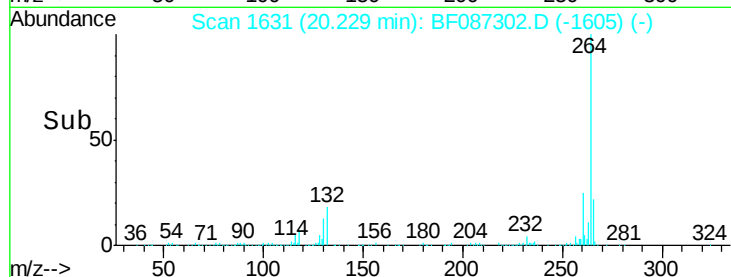
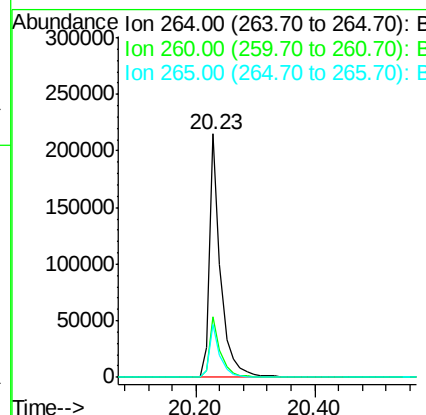
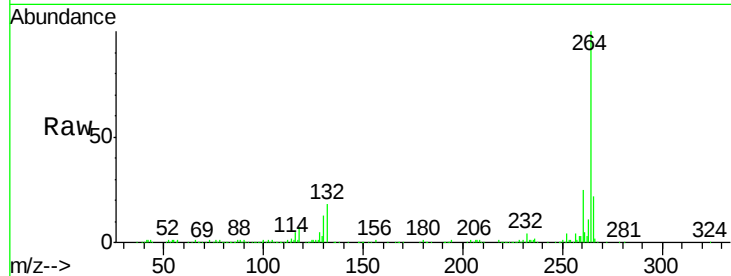
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.23 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BF087302.D
Acq: 23 May 2016 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.5	17.3	25.9

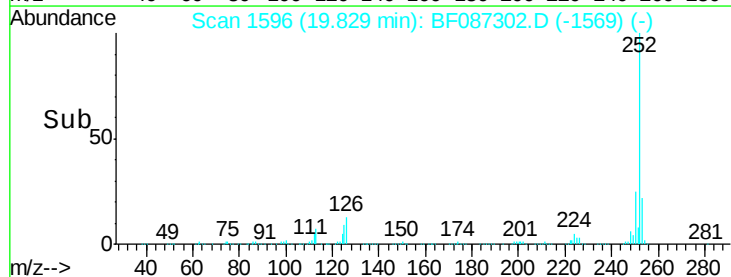
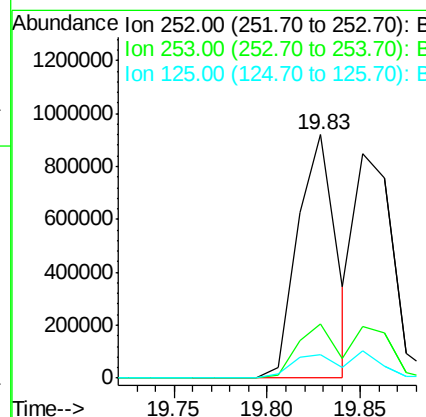
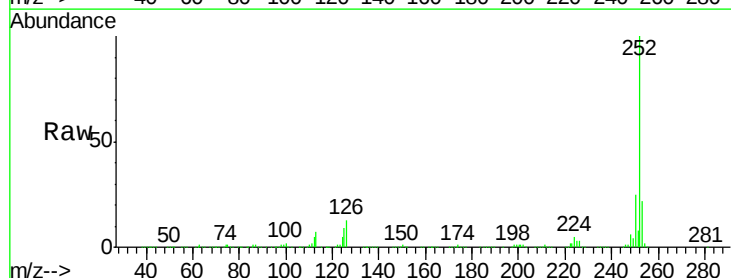
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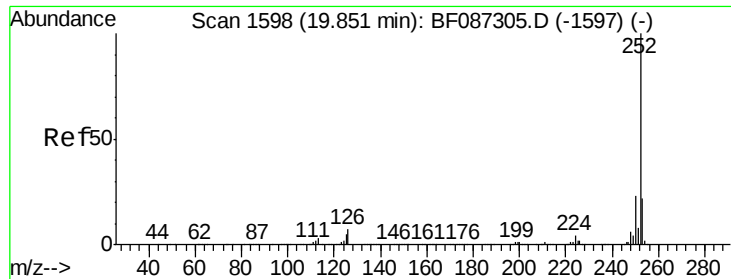
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#87
Benzo(b)fluoranthene
Concen: 68.29 ng
RT: 19.83 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BF087302.D
Acq: 23 May 2016 16:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	9.4	11.4	17.0





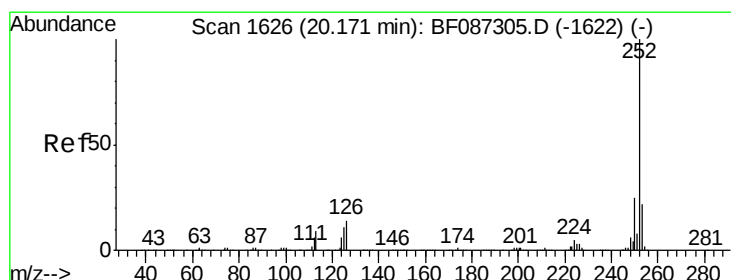
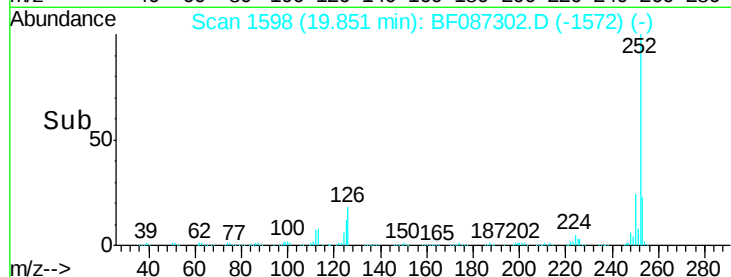
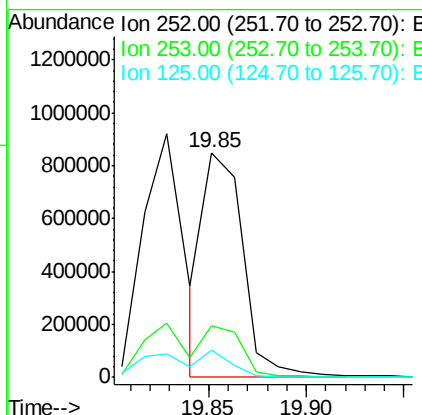
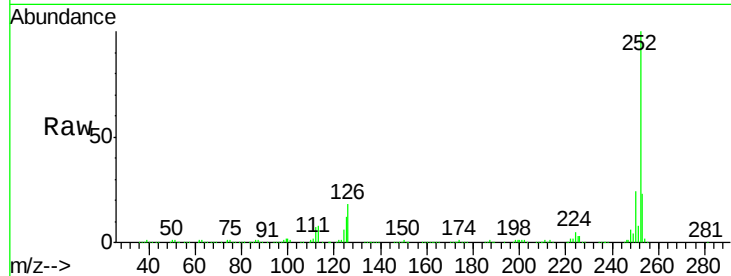
#88
Benzo(k)fluoranthene
Concen: 89.82 ng m
RT: 19.85 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF087302.D
Acq: 23 May 2016 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	12.2	9.1	13.7

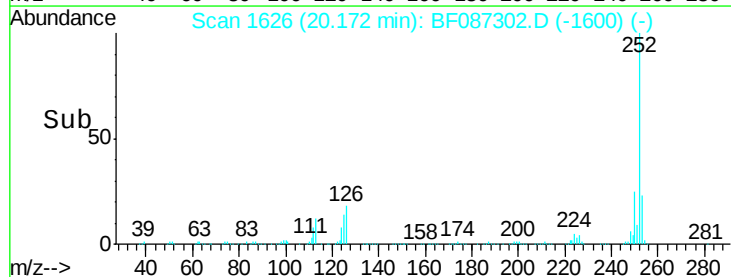
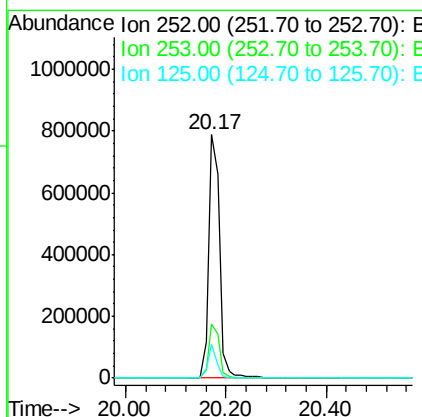
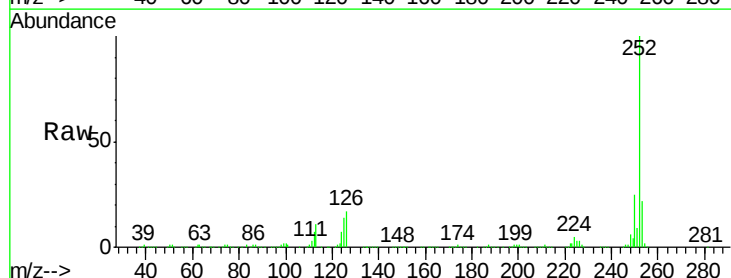
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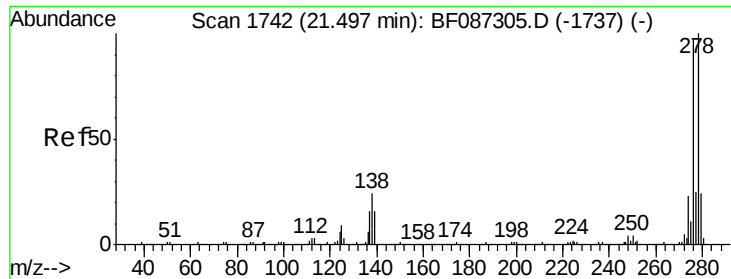
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#89
Benzo(a)pyrene
Concen: 74.75 ng
RT: 20.17 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BF087302.D
Acq: 23 May 2016 16:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	13.7	9.0	13.6#





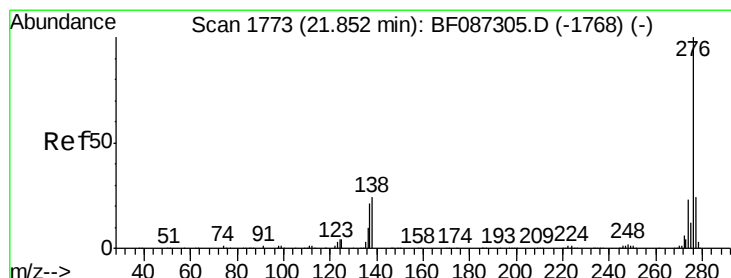
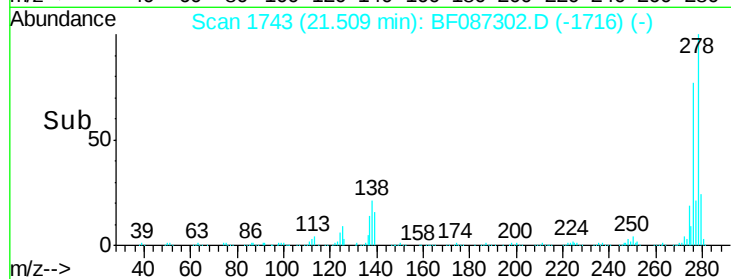
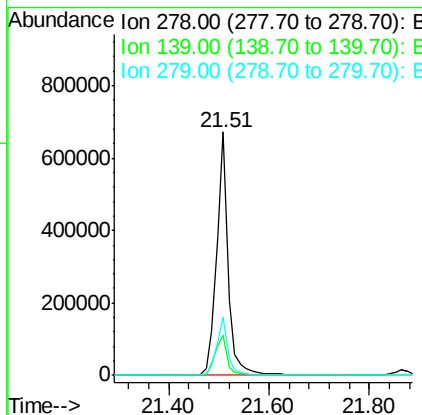
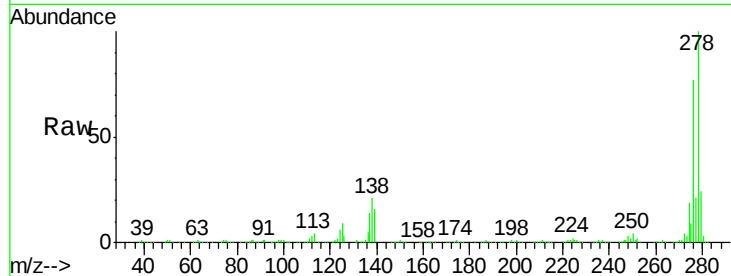
#90
Dibenzo(a,h)anthracene
Concen: 80.83 ng
RT: 21.51 min Scan# 1743
Delta R.T. 0.01 min
Lab File: BF087302.D
Acq: 23 May 2016 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion: 278 Resp: 1075298
Ion Ratio Lower Upper
278 100
139 16.3 16.6 24.8#
279 23.7 19.6 29.4

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#91
Benzo(g,h,i)perylene
Concen: 82.34 ng
RT: 21.86 min Scan# 1774
Delta R.T. 0.01 min
Lab File: BF087302.D
Acq: 23 May 2016 16:01

Tgt Ion: 276 Resp: 1098835
Ion Ratio Lower Upper
276 100
277 23.8 19.6 29.4
138 23.4 23.6 35.4#

