

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
 Data File : BF087487.D
 Acq On : 28 May 2016 19:26
 Operator : UM/SJ
 Sample : H3258-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-2MSD

Manual Integrations
 APPROVED

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 5/31/2016 7:03:33 PM

Quant Time: May 30 03:38:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 30 03:25:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	110799	20.00	ng	-0.01
21) Naphthalene-d8	9.50	136	450779	20.00	ng	-0.01
38) Acenaphthene-d10	12.33	164	213912	20.00	ng	0.00
63) Phenanthrene-d10	14.73	188	403441	20.00	ng	0.00
75) Chrysene-d12	18.43	240	305382	20.00	ng	0.00
86) Perylene-d12	20.10	264	212455	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	864983	137.18	ng	0.01
7) Phenol-d6	7.03	99	1101854	129.32	ng	-0.01
23) Nitrobenzene-d5	8.39	82	766954	85.75	ng	-0.01
41) 2,4,6-Tribromophenol	13.62	330	265919	129.36	ng	-0.01
44) 2-Fluorobiphenyl	11.28	172	1246047	82.12	ng	-0.01
78) Terphenyl-d14	17.09	244	1151036	80.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.83	88	97309	29.25	ng	# 61
3) Pyridine	2.40	79	275100	37.82	ng	# 46
4) n-Nitrosodimethylamine	2.38	42	233301	41.63	ng	# 46
6) Aniline	6.97	93	350410	31.79	ng	94
8) 2-Chlorophenol	7.15	128	342478	43.55	ng	95
9) Benzaldehyde	6.81	77	48052	10.21	ng	100
10) Phenol	7.04	94	428237	46.03	ng	73
11) bis(2-Chloroethyl)ether	7.11	93	322307	42.80	ng	84
12) 1,3-Dichlorobenzene	7.36	146	339442	39.58	ng	# 91
13) 1,4-Dichlorobenzene	7.50	146	354957	40.31	ng	96
14) 1,2-Dichlorobenzene	7.72	146	341176	41.89	ng	99
15) Benzyl Alcohol	7.77	79	299210	48.17	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.96	45	656327	38.74	ng	87
17) 2-Methylphenol	7.99	107	282338	44.80	ng	# 91
18) Hexachloroethane	8.24	117	133407	40.61	ng	93
19) n-Nitroso-di-n-propylamine	8.19	70	283367	44.60	ng	# 72
20) 3+4-Methylphenols	8.25	107	373078	48.97	ng	# 60
22) Acetophenone	8.16	105	498137	46.26	ng	# 97
24) Nitrobenzene	8.41	77	399511	42.31	ng	97
25) Isophorone	8.81	82	700267	43.65	ng	# 98
26) 2-Nitrophenol	8.92	139	180811	46.85	ng	# 80
27) 2,4-Dimethylphenol	9.06	122	291490	43.51	ng	# 83
28) bis(2-Chloroethoxy)methane	9.19	93	415077	45.94	ng	# 98
29) 2,4-Dichlorophenol	9.34	162	287558	47.63	ng	98
30) 1,2,4-Trichlorobenzene	9.43	180	296503	42.90	ng	99
31) Naphthalene	9.53	128	981649	43.46	ng	100
32) Benzoic acid	9.36	122	60300	21.18	ng	# 78
33) 4-Chloroaniline	9.69	127	227356	27.33	ng	# 95
34) Hexachlorobutadiene	9.75	225	172854	41.14	ng	96
35) Caprolactam	10.31	113	82807m	46.99	ng	
36) 4-Chloro-3-methylphenol	10.55	107	321306	47.07	ng	86
37) 2-Methylnaphthalene	10.66	142	638101	45.22	ng	96
39) 1,2,4,5-Tetrachlorobenzene	10.94	216	286051	41.78	ng	99
40) Hexachlorocyclopentadiene	10.90	237	168158	62.08	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.17	196	167799	42.46	ng	90
43) 2,4,5-Trichlorophenol	11.25	196	171994	42.73	ng #	86
45) 1,1'-Biphenyl	11.43	154	783183	43.49	ng	97
46) 2-Chloronaphthalene	11.44	162	581879	42.23	ng #	92
47) 2-Nitroaniline	11.67	65	245237	49.40	ng #	83
48) Acenaphthylene	12.10	152	941579	43.16	ng	99
49) Dimethylphthalate	11.99	163	985107	57.49	ng	100
50) 2,6-Dinitrotoluene	12.08	165	149657	43.34	ng #	73
51) Acenaphthene	12.38	154	559041	41.70	ng	98
52) 3-Nitroaniline	12.35	138	114396	32.28	ng	96
53) 2,4-Dinitrophenol	12.56	184	88589	52.58	ng #	83
54) Dibenzofuran	12.67	168	858423	47.29	ng	99
55) 4-Nitrophenol	12.74	139	151137	89.41	ng #	40
56) 2,4-Dinitrotoluene	12.74	165	206937	44.84	ng #	89
57) Fluorene	13.22	166	670124	42.57	ng	99
58) 2,3,4,6-Tetrachlorophenol	12.91	232	155958	50.37	ng	99
59) Diethylphthalate	13.13	149	702531	42.17	ng	100
60) 4-Chlorophenyl-phenylether	13.25	204	311401	40.57	ng	99
61) 4-Nitroaniline	13.36	138	152780	46.19	ng #	72
62) Azobenzene	13.51	77	842811	48.76	ng	86
64) 4,6-Dinitro-2-methylphenol	13.42	198	98143	38.26	ng #	83
65) n-Nitrosodiphenylamine	13.46	169	572155	43.85	ng	100
66) 4-Bromophenyl-phenylether	14.03	248	182561	41.36	ng	97
67) Hexachlorobenzene	14.10	284	190298	41.22	ng #	69
68) Atrazine	14.39	200	190430	45.79	ng	93
69) Pentachlorophenol	14.47	266	102518	72.12	ng	99
70) Phenanthrene	14.77	178	967870	43.31	ng	99
71) Anthracene	14.86	178	980717	43.44	ng	99
72) Carbazole	15.14	167	878736	45.64	ng	98
73) Di-n-butylphthalate	15.73	149	1091026	43.82	ng	99
74) Fluoranthene	16.54	202	992838	44.31	ng	91
76) Benzidine	16.77	184	268255	34.14	ng	96
77) Pyrene	16.83	202	972158	44.23	ng	99
79) Butylbenzylphthalate	17.75	149	425580	43.66	ng #	74
80) Benzo(a)anthracene	18.42	228	769015	44.27	ng	99
81) 3,3'-Dichlorobenzidine	18.41	252	141594	14.76	ng #	98
82) Chrysene	18.47	228	744626	43.19	ng	100
83) Bis(2-ethylhexyl)phthalate	18.49	149	575784	40.48	ng #	96
84) Di-n-octyl phthalate	19.27	149	869772	40.10	ng #	87
85) Indeno(1,2,3-cd)pyrene	21.31	276	577022	41.75	ng	94
87) Benzo(b)fluoranthene	19.69	252	651203	48.12	ng #	96
88) Benzo(k)fluoranthene	19.73	252	478760m	41.10	ng	
89) Benzo(a)pyrene	20.05	252	521007	44.51	ng	98
90) Dibenzo(a,h)anthracene	21.31	278	486276	48.71	ng	96
91) Benzo(g,h,i)perylene	21.67	276	486020	49.34	ng #	90

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

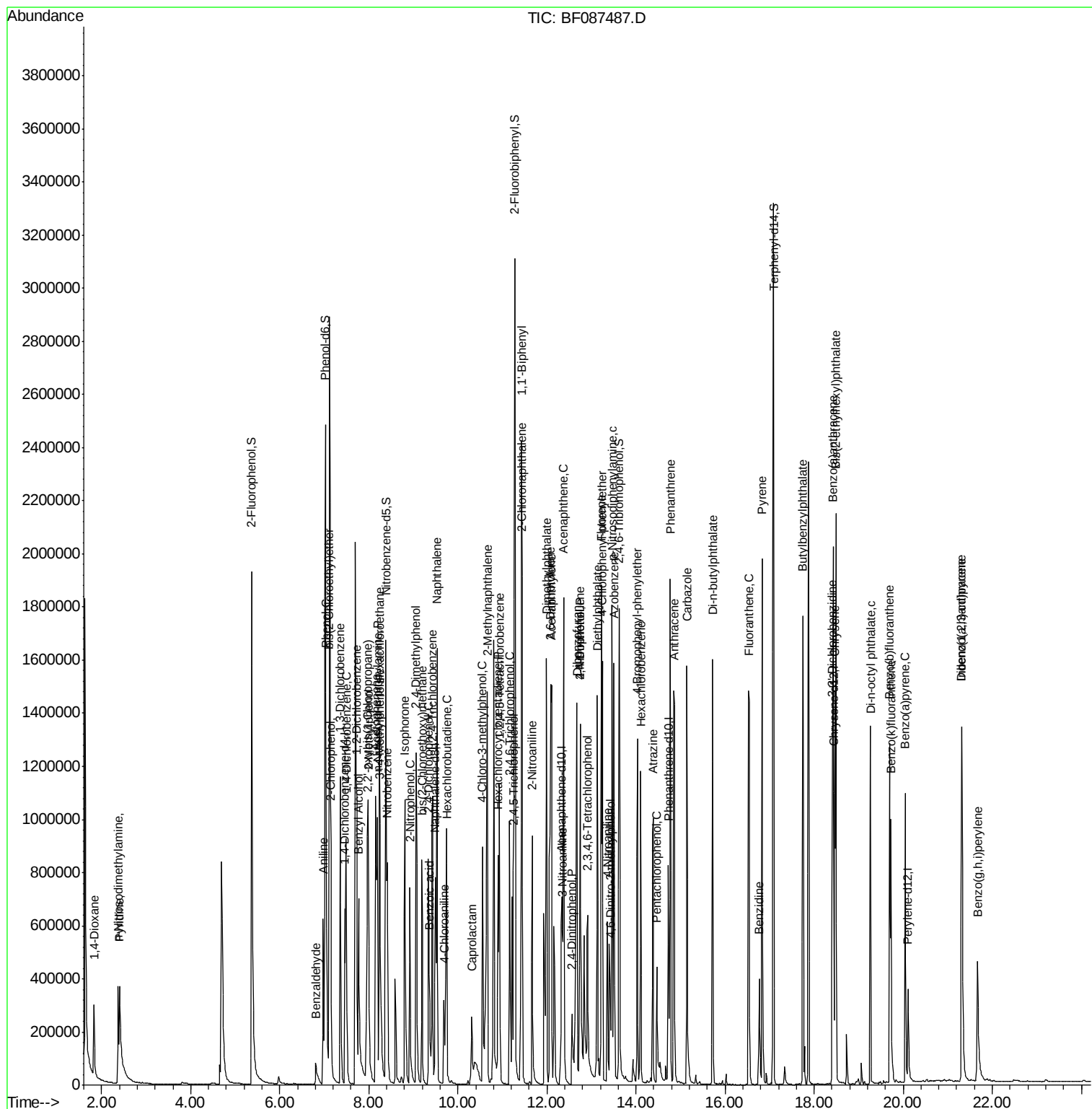
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ALS Vial  : 14      Sample Multiplier: 1
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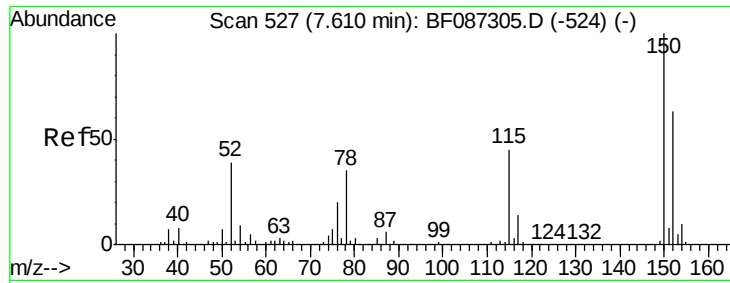
Instrument :
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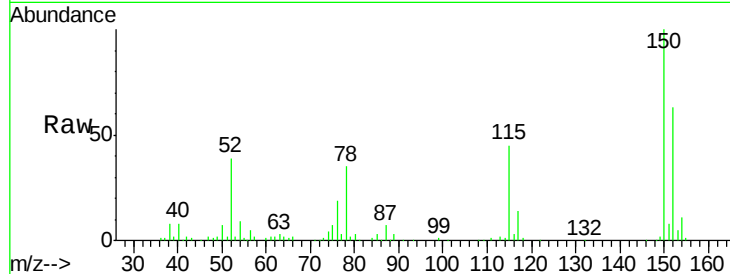
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.46 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF087487.D
Acq: 28 May 2016 19:26

Instrument :
BNA_F
ClientSampleId :
B-2MSD

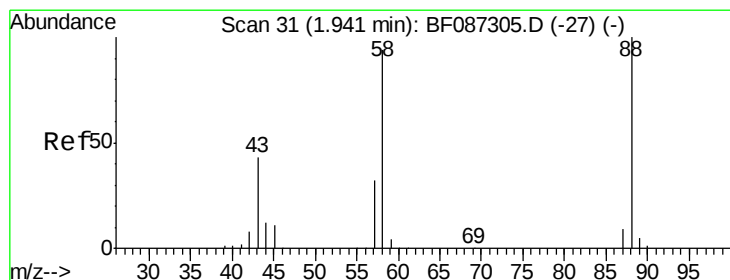
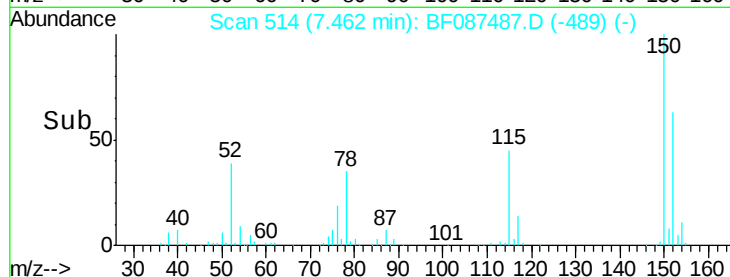
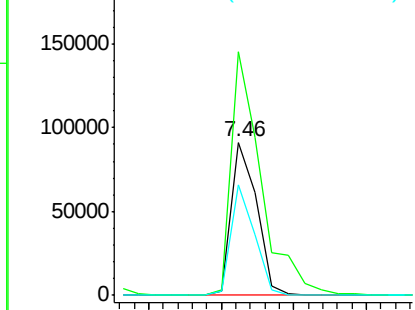
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	110799		
150	159.2	125.8	188.6	
115	72.0	51.5	77.3	

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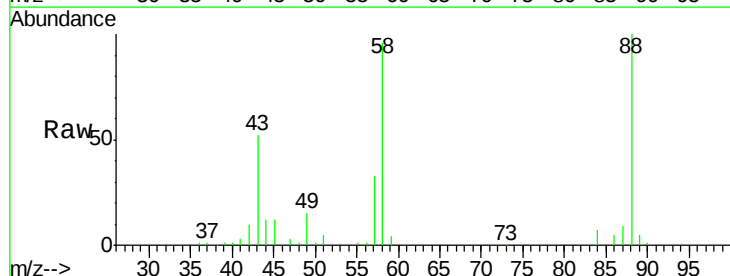
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



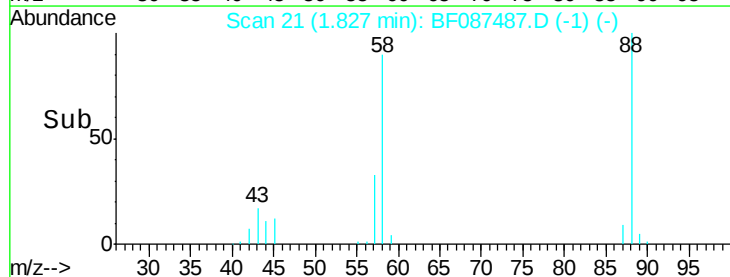
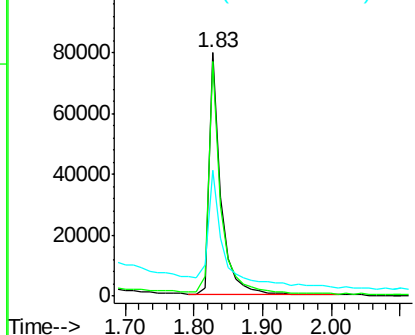
#2

1,4-Dioxane
Concen: 29.25 ng
RT: 1.83 min Scan# 21
Delta R.T. 0.07 min
Lab File: BF087487.D
Acq: 28 May 2016 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	97309		
58	98.6	59.6	89.4#	
43	62.7	21.8	32.6#	



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 37.82 ng

RT: 2.40 min Scan# 71

Delta R.T. 0.06 min

Lab File: BF087487.D

Acq: 28 May 2016 19:26

Instrument :

BNA_F

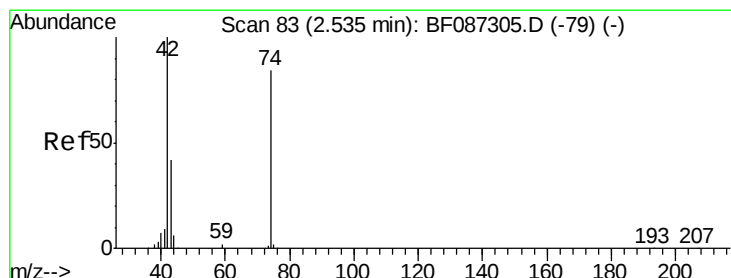
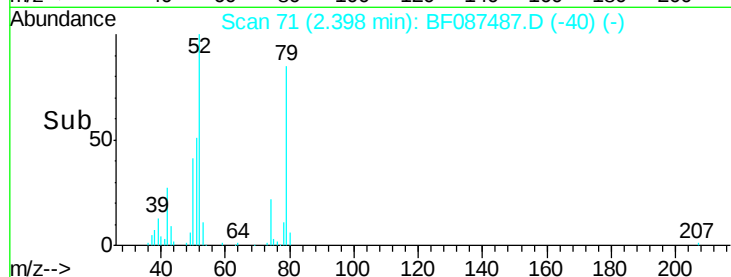
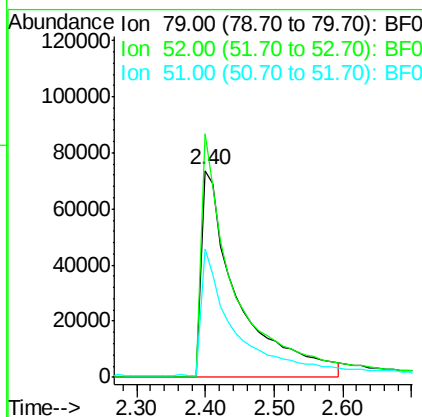
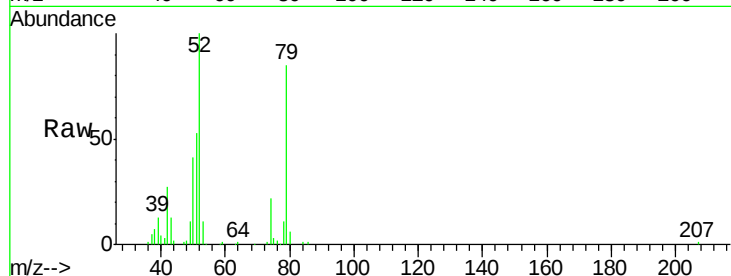
ClientSampleId :

B-2MSD

Tgt Ion:	79	Resp:	275100
Ion Ratio	Lower	Upper	
79	100		
52	117.8	55.9	83.9#
51	61.9	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 41.63 ng

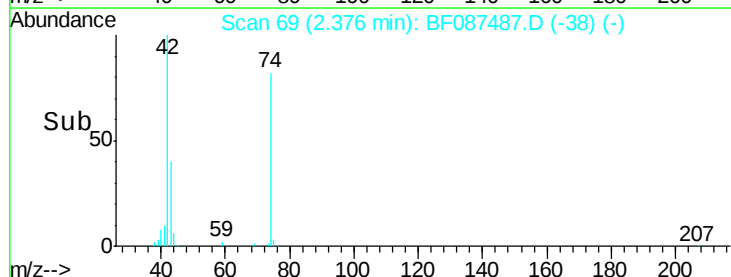
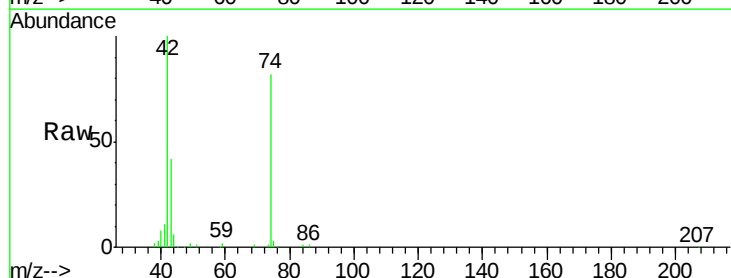
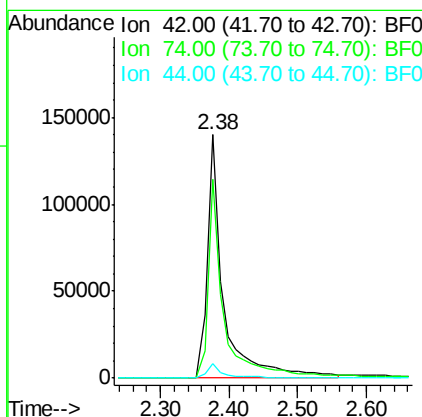
RT: 2.38 min Scan# 69

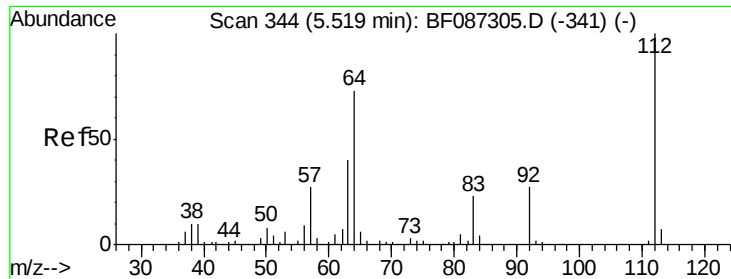
Delta R.T. 0.06 min

Lab File: BF087487.D

Acq: 28 May 2016 19:26

Tgt Ion:	42	Resp:	233301
Ion Ratio	Lower	Upper	
42	100		
74	81.6	123.4	185.0#
44	6.2	5.8	8.6





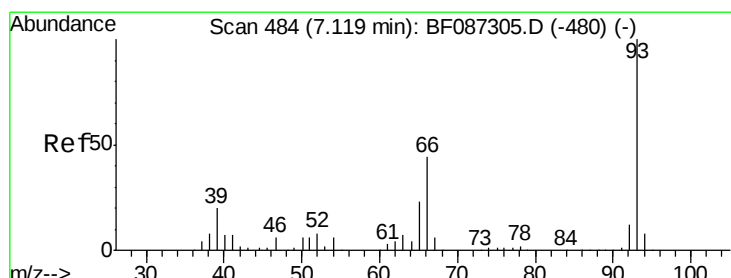
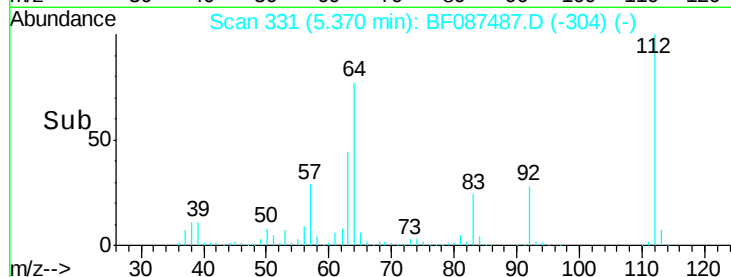
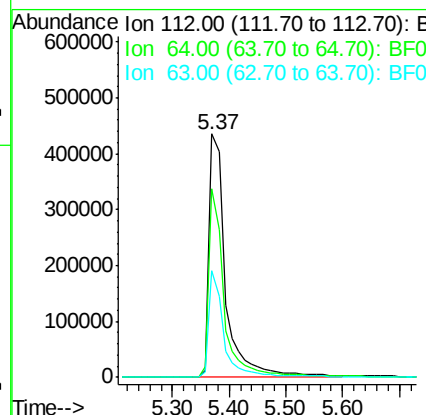
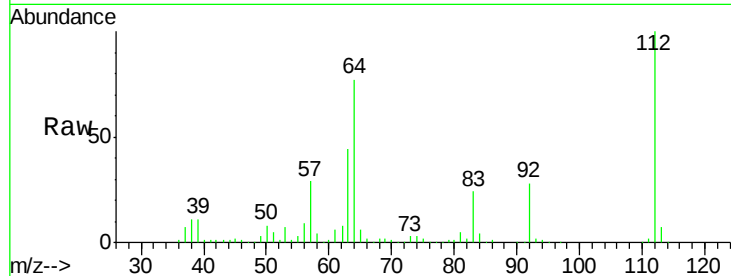
#5
 2-Fluorophenol
 Concen: 137.18 ng
 RT: 5.37 min Scan# 331
 Delta R.T. 0.01 min
 Lab File: BF087487.D
 Acq: 28 May 2016 19:26

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	864983		
64	77.2	52.1	78.1	
63	43.7	25.7	38.5	

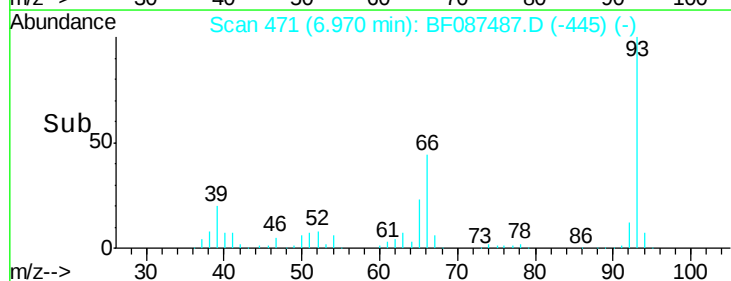
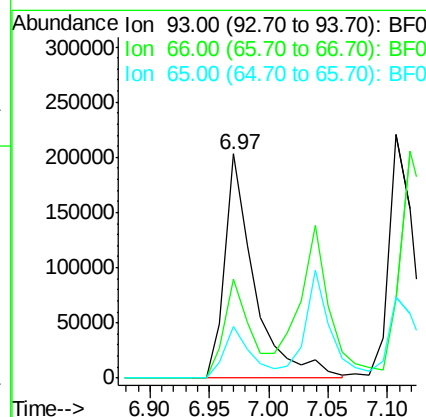
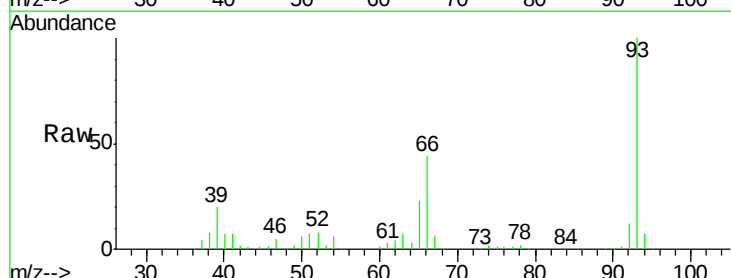
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#6
 Aniline
 Concen: 31.79 ng
 RT: 6.97 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF087487.D
 Acq: 28 May 2016 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	350410		
66	44.0	39.0	58.6	
65	23.2	20.6	31.0	





#7

Phenol-d6

Concen: 129.32 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF087487.D

Acq: 28 May 2016 19:26

Instrument :

BNA_F

ClientSampleId :

B-2MSD

Tgt Ion: 99 Resp: 1101854

Ion Ratio Lower Upper

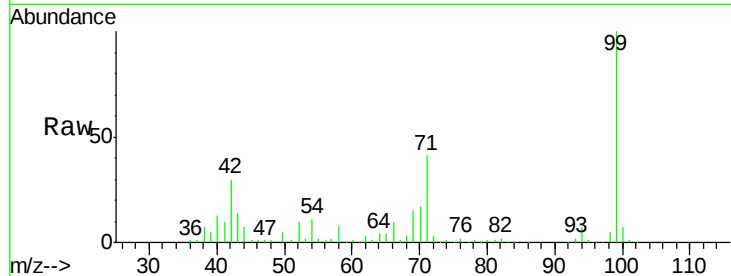
99 100

42 29.8 13.6 20.4#

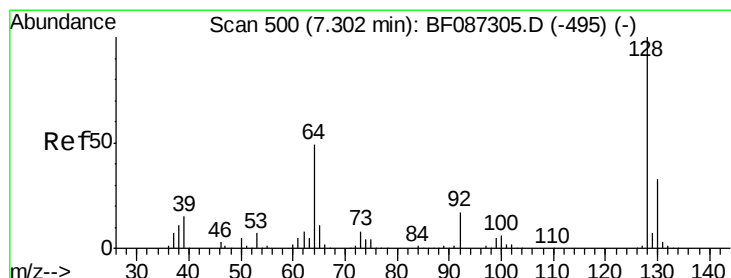
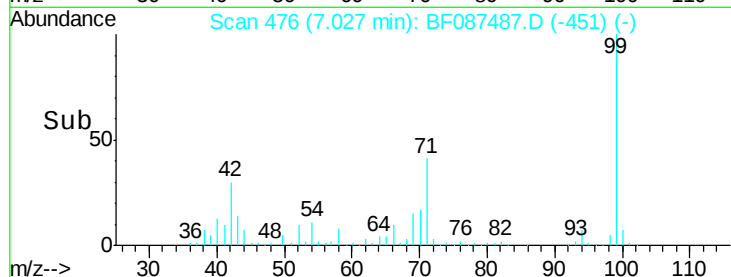
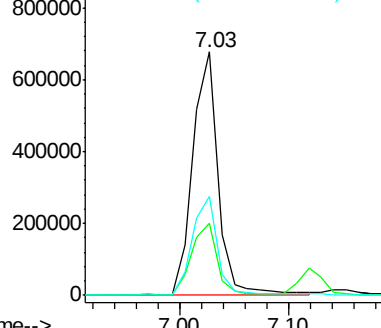
71 40.9 24.6 36.8#

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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: 43.55 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF087487.D

Acq: 28 May 2016 19:26

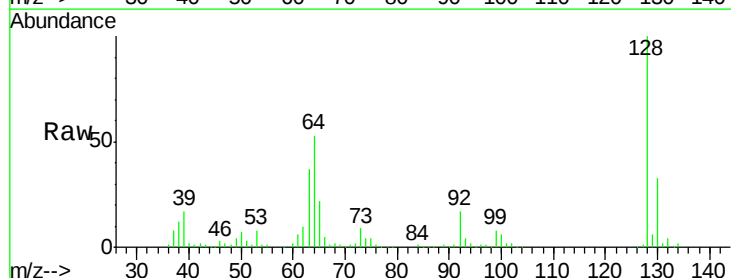
Tgt Ion: 128 Resp: 342478

Ion Ratio Lower Upper

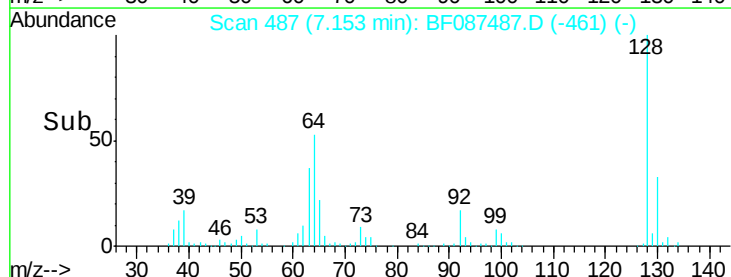
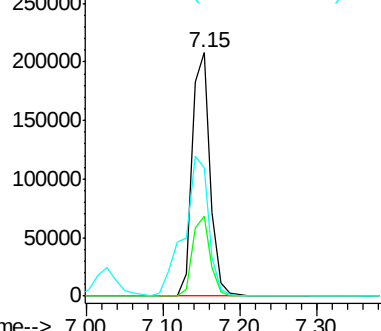
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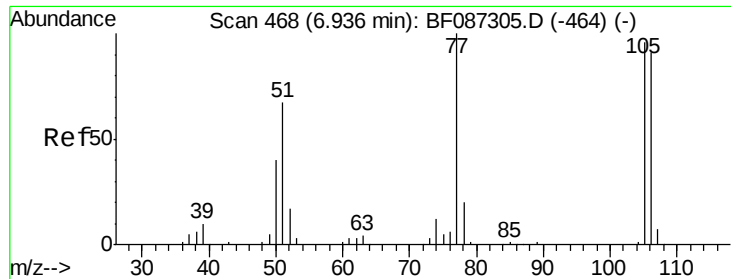
130 32.7 12.5 52.5

64 52.9 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





#9

Benzaldehyde

Concen: 10.21 ng

RT: 6.81 min Scan# 457

Delta R.T. 0.03 min

Lab File: BF087487.D

Acq: 28 May 2016 19:26

Instrument :

BNA_F

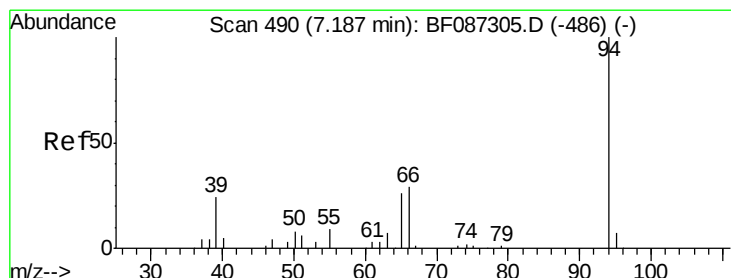
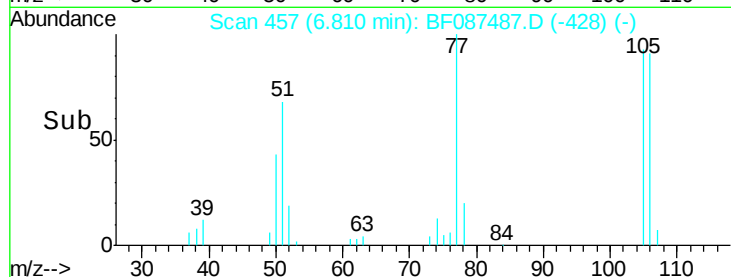
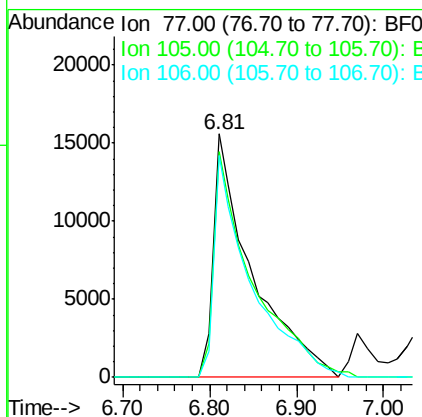
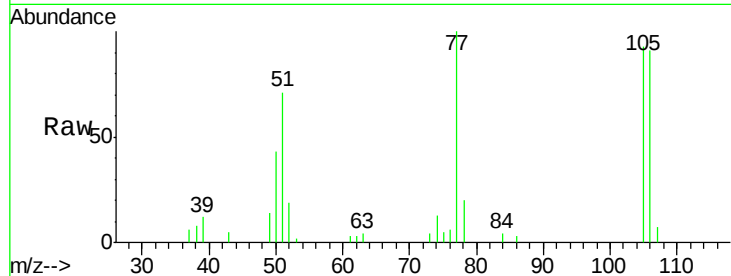
ClientSampleId :

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Tgt Ion:	77	Resp:	48052
Ion	Ratio	Lower	Upper
77	100		
105	92.9	72.7	112.7
106	91.3	70.8	110.8



#10

Phenol

Concen: 46.03 ng

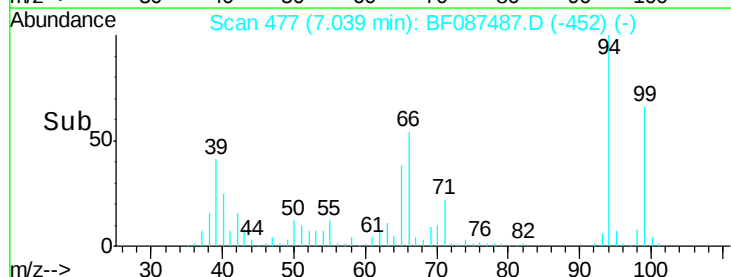
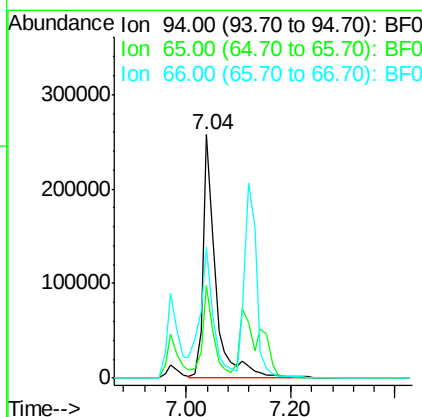
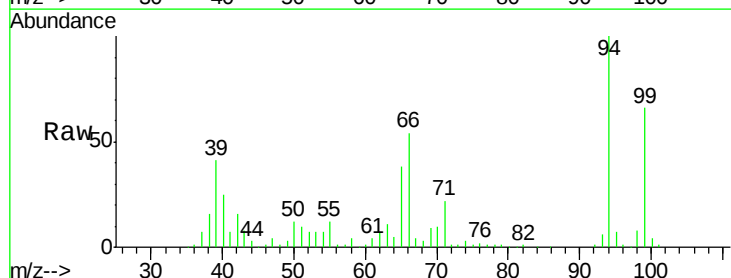
RT: 7.04 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF087487.D

Acq: 28 May 2016 19:26

Tgt Ion:	94	Resp:	428237
Ion	Ratio	Lower	Upper
94	100		
65	38.1	7.2	47.2
66	53.6	14.9	54.9





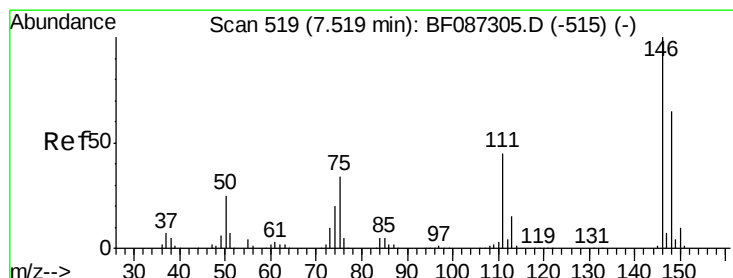
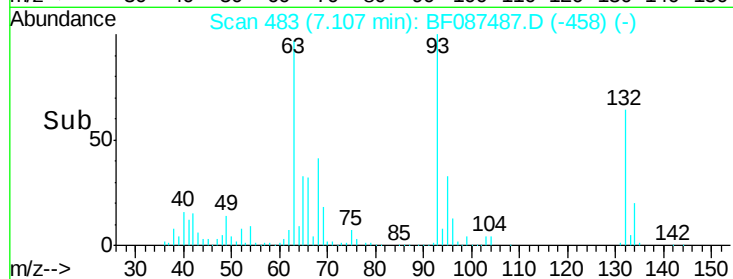
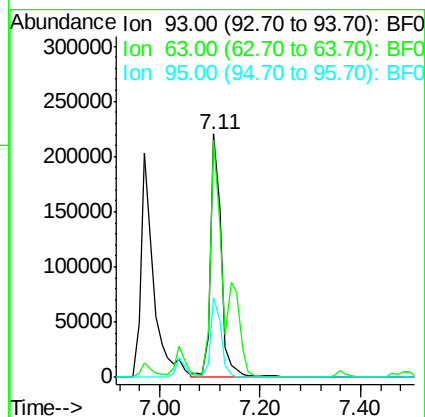
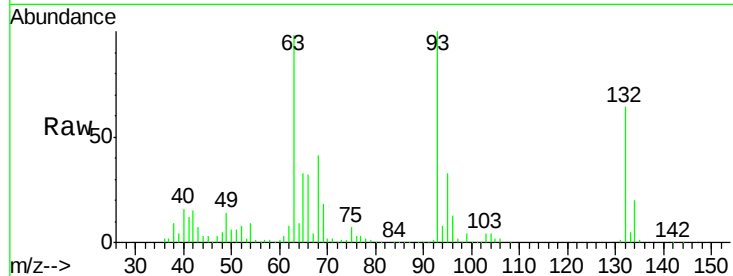
#11
 bis(2-Chloroethyl)ether
 Concen: 42.80 ng
 RT: 7.11 min Scan# 483
 Delta R.T. -0.01 min
 Lab File: BF087487.D
 Acq: 28 May 2016 19:26

Instrument :
 BNA_F
 ClientSampled :
 B-2MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	97.6	58.0	98.0
95	32.8	11.9	51.9

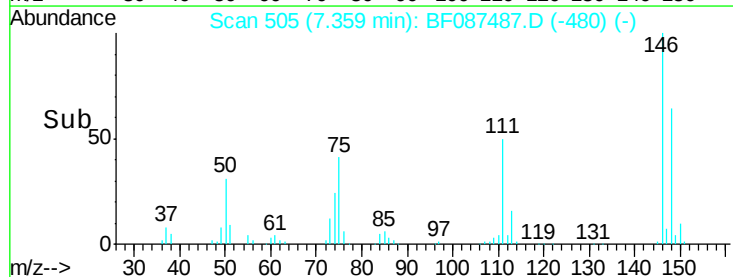
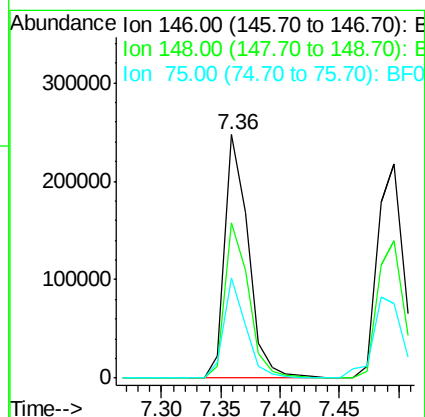
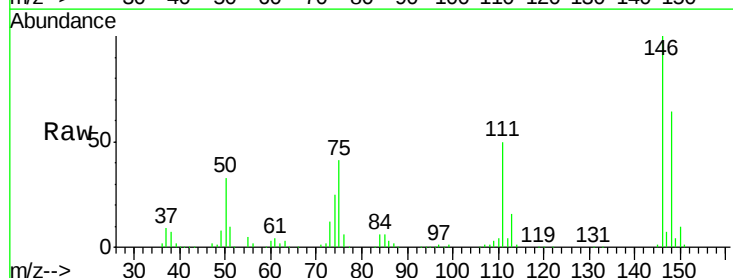
Manual Integrations
 APPROVED

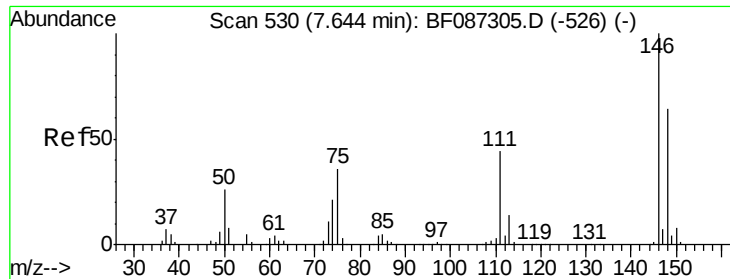
umangi
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#12
 1,3-Dichlorobenzene
 Concen: 39.58 ng
 RT: 7.36 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: BF087487.D
 Acq: 28 May 2016 19:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	63.7	52.4	78.6
75	41.0	22.8	34.2#





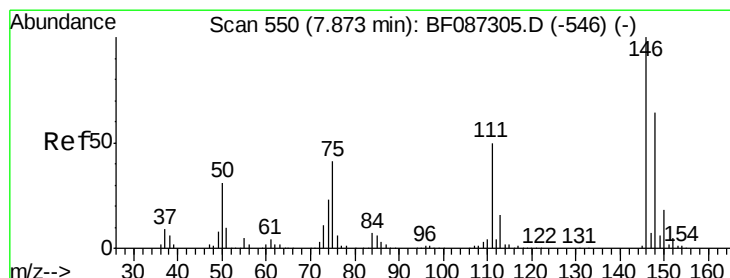
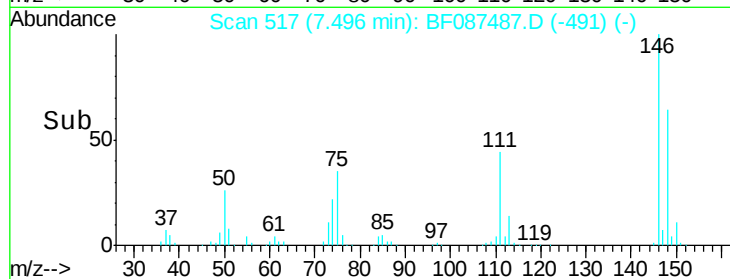
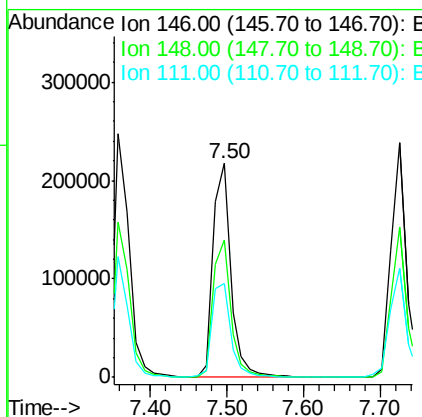
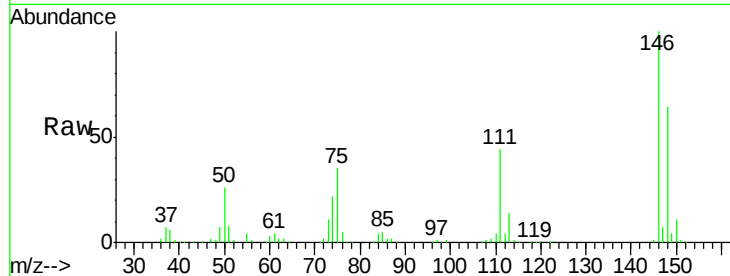
#13
 1,4-Dichlorobenzene
 Concen: 40.31 ng
 RT: 7.50 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BF087487.D
 Acq: 28 May 2016 19:26

Instrument :
 BNA_F
 ClientSampleId :
 B-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	354957		
148	64.4	52.2	78.4	
111	43.8	30.7	46.1	

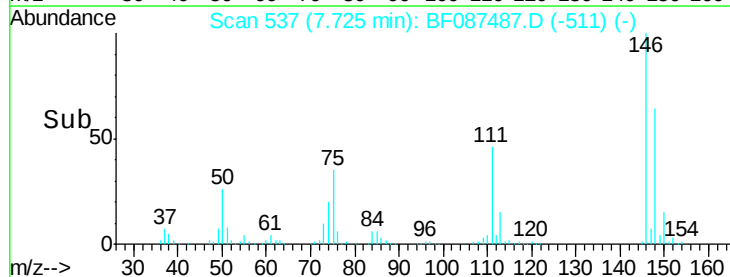
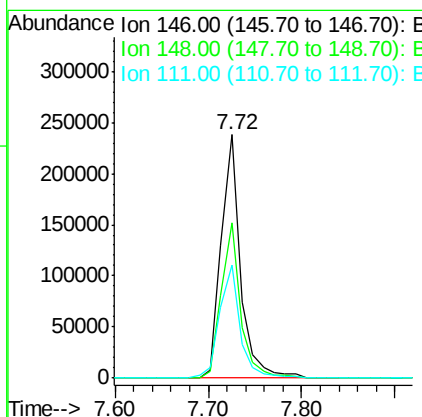
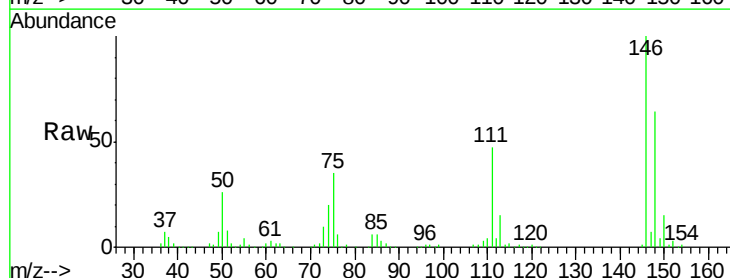
Manual Integrations
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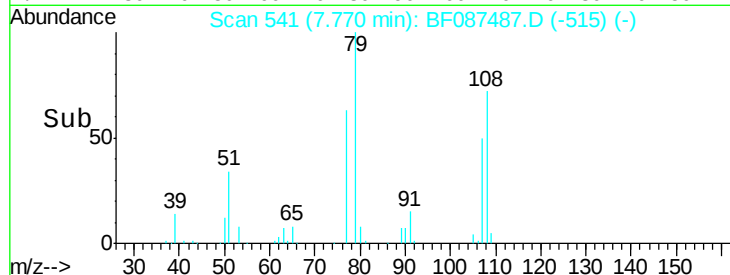
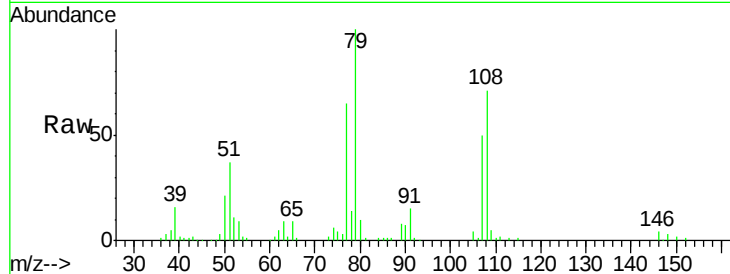
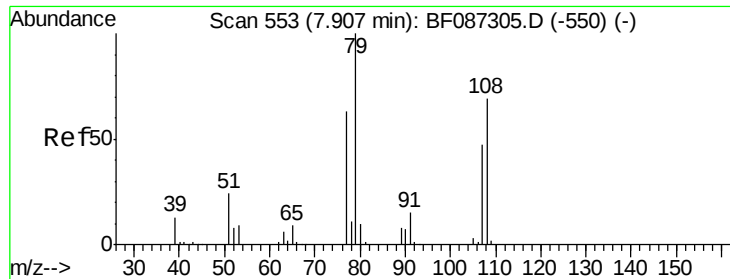
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#14
 1,2-Dichlorobenzene
 Concen: 41.89 ng
 RT: 7.72 min Scan# 537
 Delta R.T. 0.00 min
 Lab File: BF087487.D
 Acq: 28 May 2016 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	341176		
148	63.9	51.0	76.6	
111	46.5	36.2	54.4	





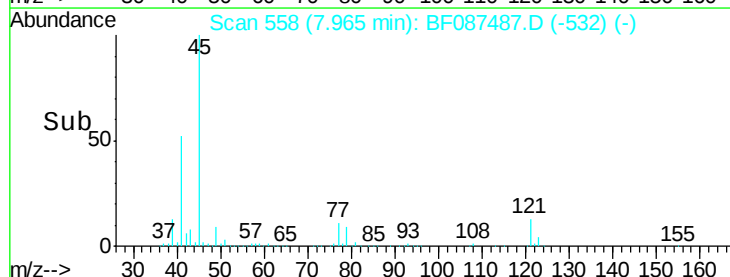
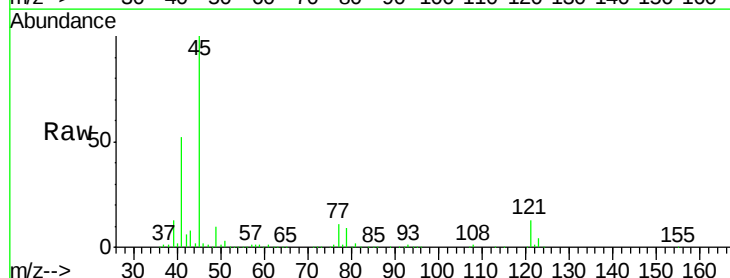
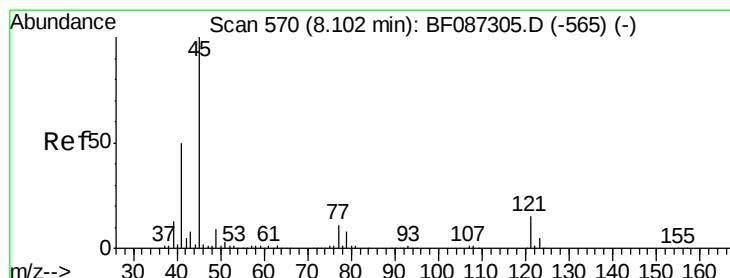
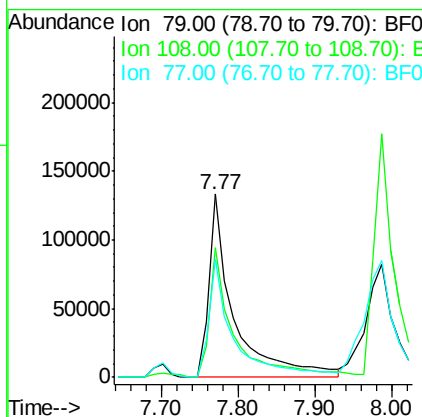
#15
Benzyl Alcohol
Concen: 48.17 ng
RT: 7.77 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF087487.D
Acq: 28 May 2016 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	299210		
108	71.0	68.4	102.6	
77	64.6	50.6	76.0	

Instrument :
BNA_F
ClientSampleId :
B-2MSD

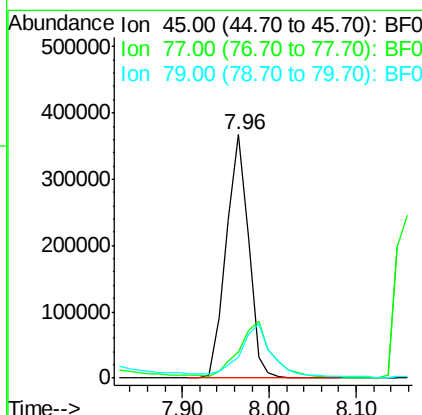
Manual Integrations
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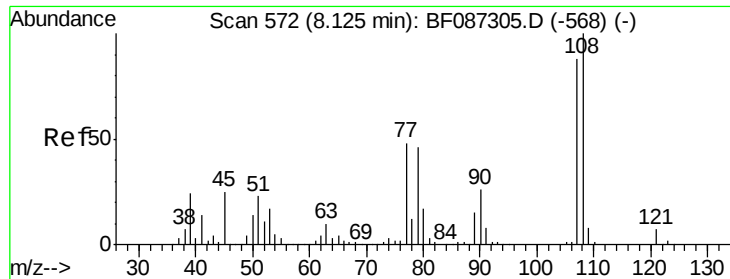
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.74 ng
RT: 7.96 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF087487.D
Acq: 28 May 2016 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	656327		
77	10.7	0.0	36.4	
79	8.7	0.0	33.4	





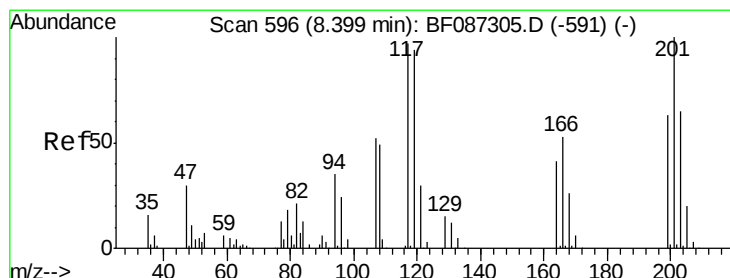
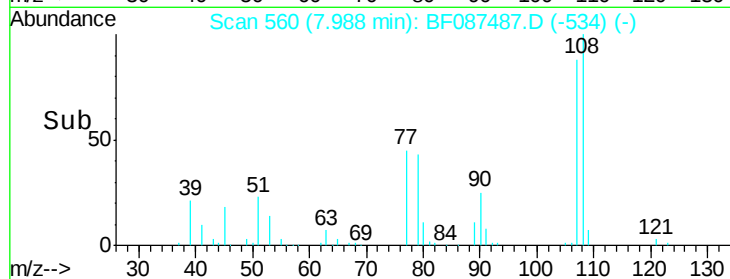
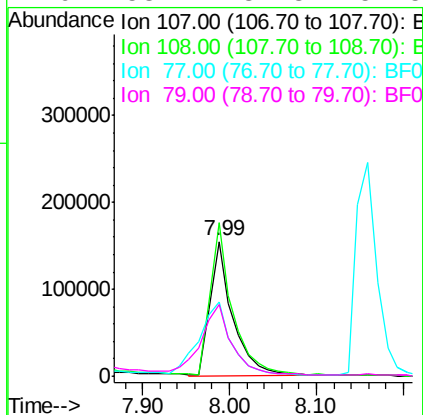
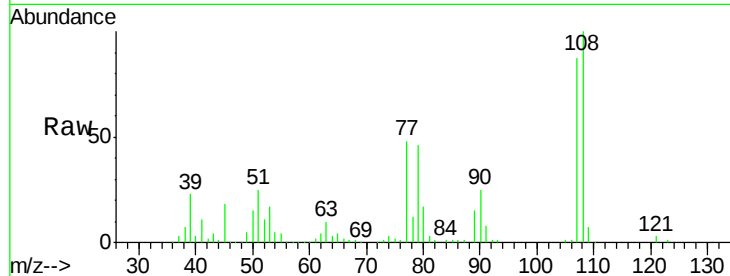
#17
2-Methylphenol
Concen: 44.80 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF087487.D
Acq: 28 May 2016 19:26

Instrument :
BNA_F
ClientSampleId :
B-2MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	114.4	93.7	140.5
77	54.9	33.4	50.0
79	53.1	34.3	51.5

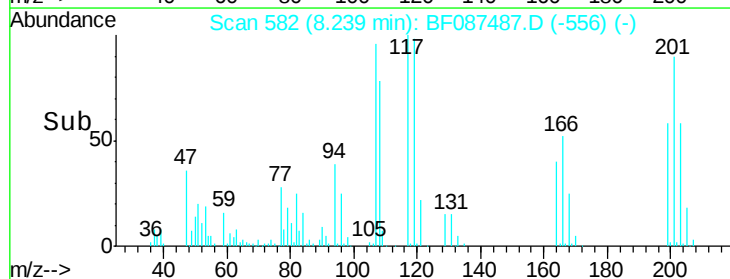
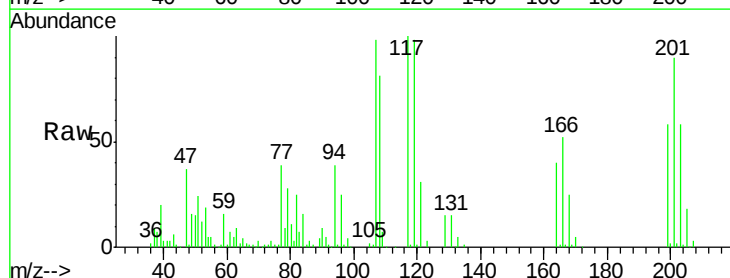
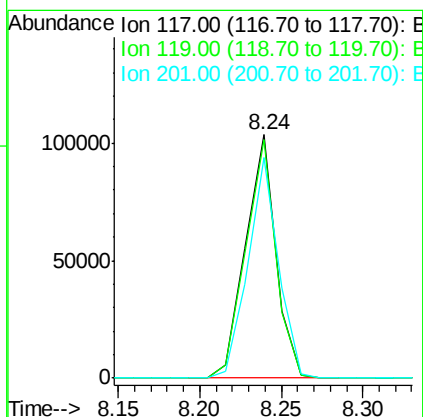
Manual Integrations
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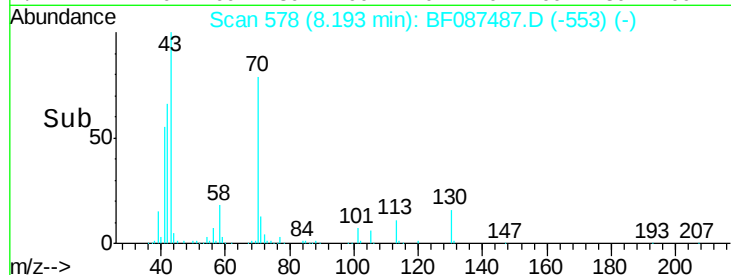
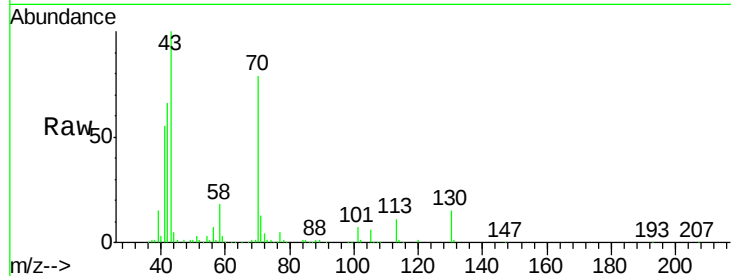
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#18
Hexachloroethane
Concen: 40.61 ng
RT: 8.24 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF087487.D
Acq: 28 May 2016 19:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	98.2	76.5	114.7
201	90.4	63.0	94.6





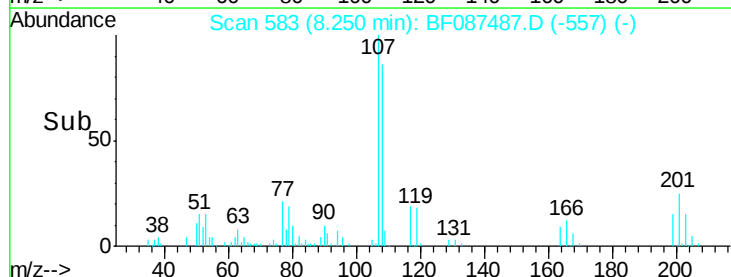
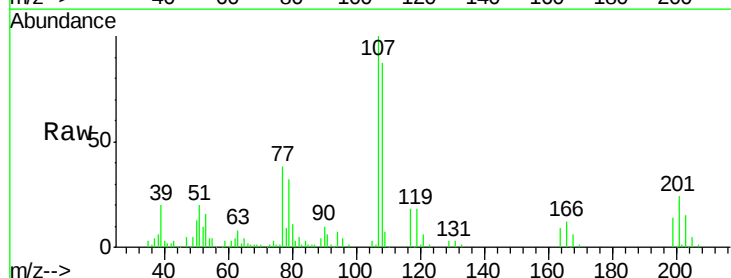
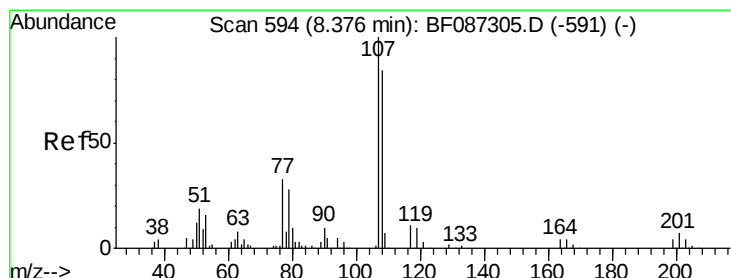
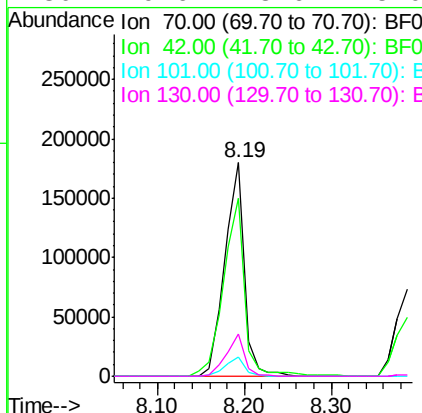
#19
n-Nitroso-di-n-propylamine
Concen: 44.60 ng
RT: 8.19 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF087487.D
Acq: 28 May 2016 19:26

Instrument :
BNA_F
ClientSampled :
B-2MSD

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		283367		
42	83.4	43.1	64.7#		
101	8.9	8.1	12.1		
130	19.6	18.6	28.0		

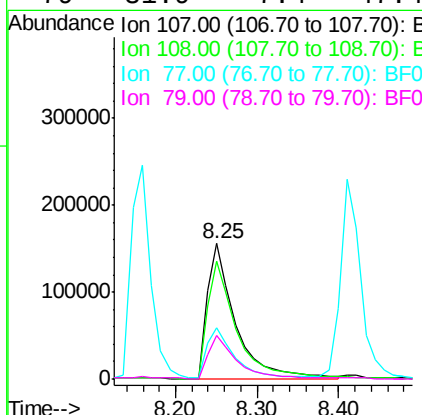
Manual Integrations
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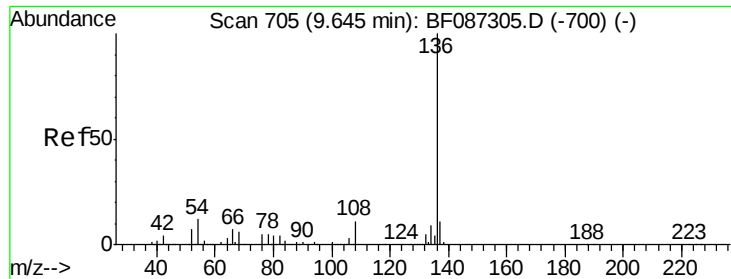
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#20
3+4-Methylphenols
Concen: 48.97 ng
RT: 8.25 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF087487.D
Acq: 28 May 2016 19:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		373078		
108	86.9	68.5	108.5		
77	37.6	101.6	141.6#		
79	31.9	7.4	47.4		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF087487.D

Acq: 28 May 2016 19:26

Instrument :

BNA_F

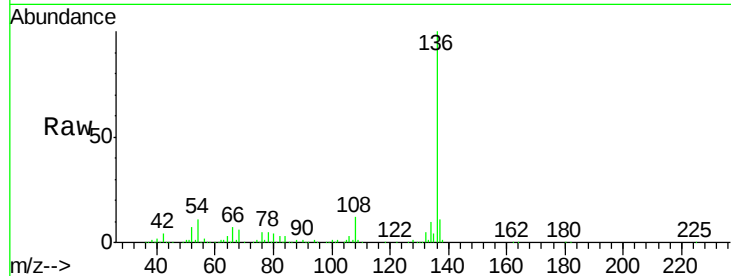
ClientSampled :

B-2MSD

Manual Integrations
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Tgt Ion	Ratio	Resp	Lower	Upper
136	100	450779		
137	11.1	8.8	13.2	
54	11.3	5.0	7.4	
68	5.6	4.4	6.6	



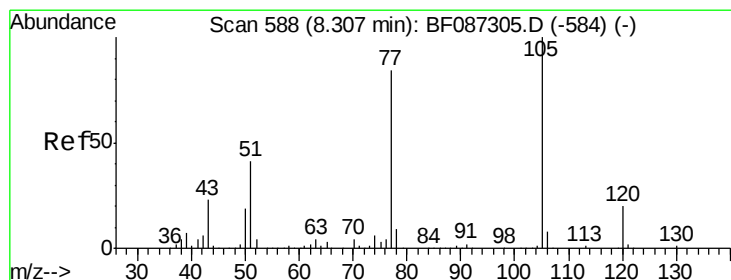
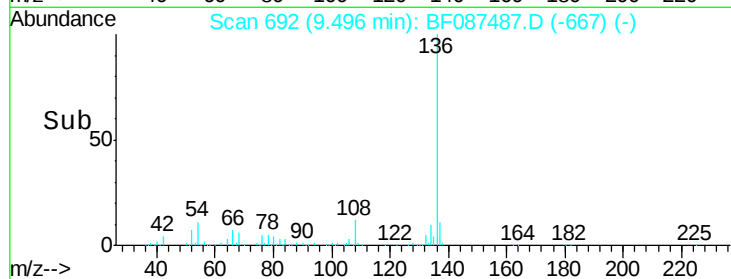
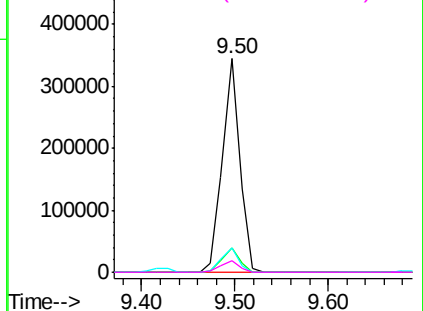
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 46.26 ng

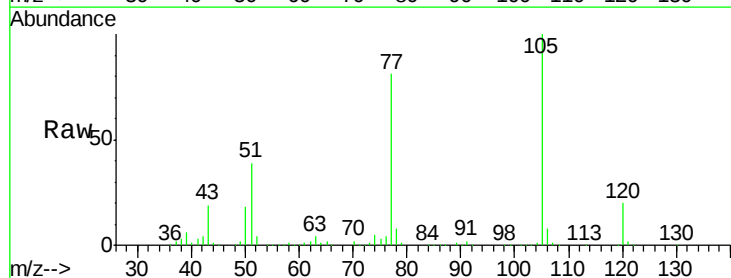
RT: 8.16 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF087487.D

Acq: 28 May 2016 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	498137		
71	0.4	4.8	7.2	
51	39.3	32.6	49.0	
120	20.0	16.5	24.7	



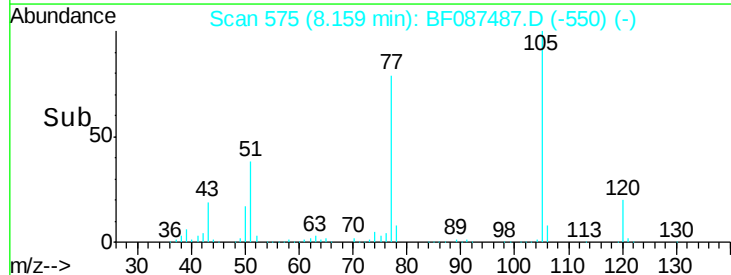
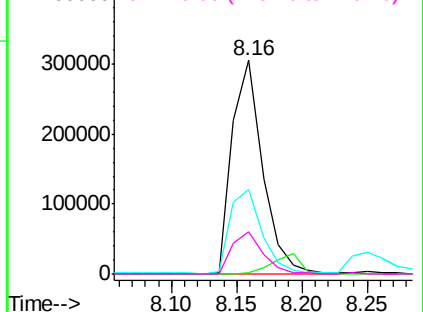
Abundance

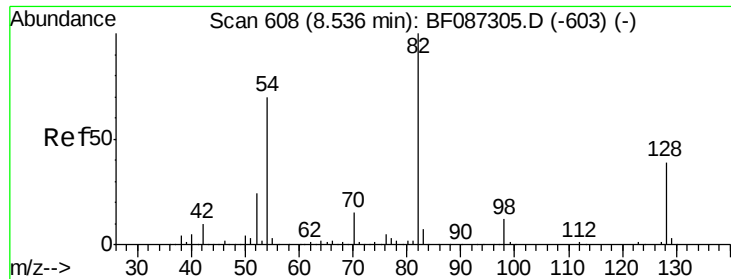
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





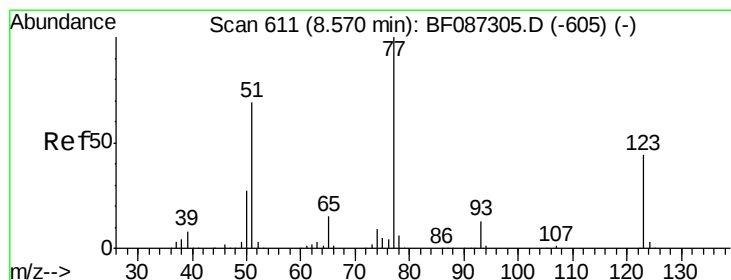
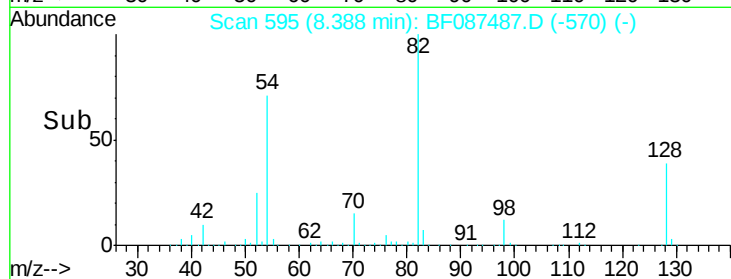
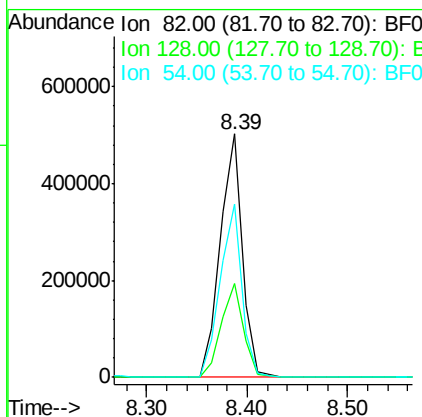
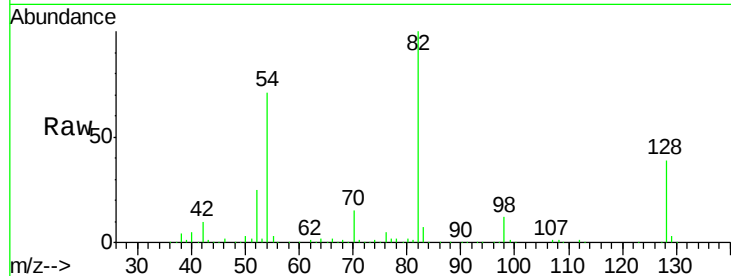
#23
 Nitrobenzene-d5
 Concen: 85.75 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF087487.D
 Acq: 28 May 2016 19:26

Instrument :
 BNA_F
 ClientSampleId :
 B-2MSD

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	38.8	40.6	61.0#
54	71.1	38.1	57.1#

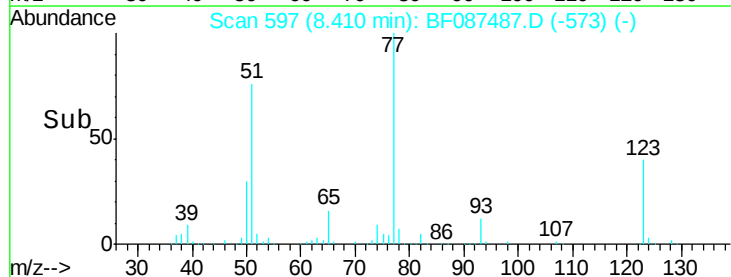
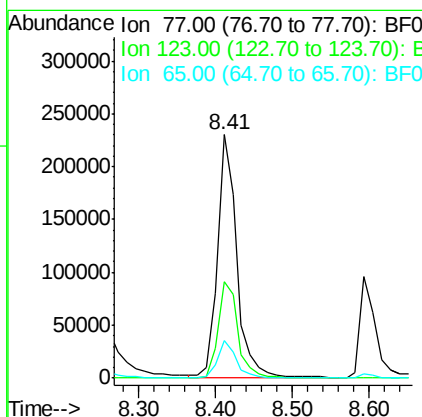
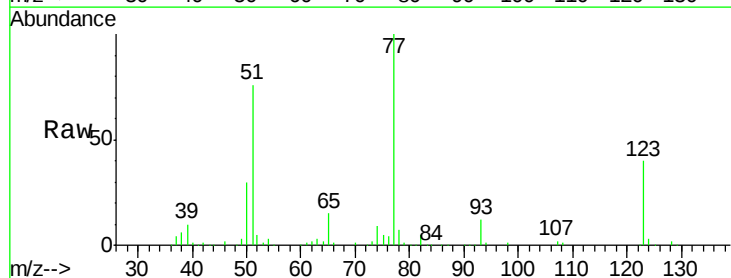
Manual Integrations
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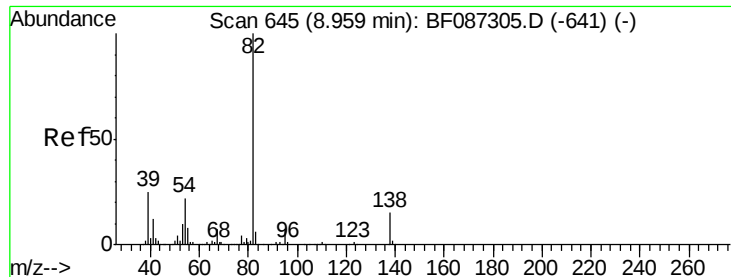
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#24
 Nitrobenzene
 Concen: 42.31 ng
 RT: 8.41 min Scan# 597
 Delta R.T. -0.02 min
 Lab File: BF087487.D
 Acq: 28 May 2016 19:26

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	39.5	33.0	49.4
65	15.5	10.8	16.2





#25

Isophorone

Concen: 43.65 ng

RT: 8.81 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF087487.D

Acq: 28 May 2016 19:26

Instrument :

BNA_F

ClientSampled :

B-2MSD

Tgt Ion: 82 Resp: 700267
Ion Ratio Lower Upper

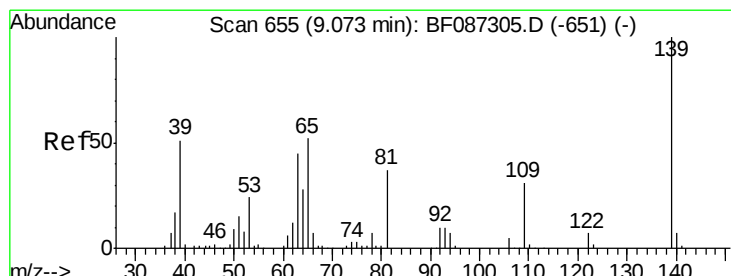
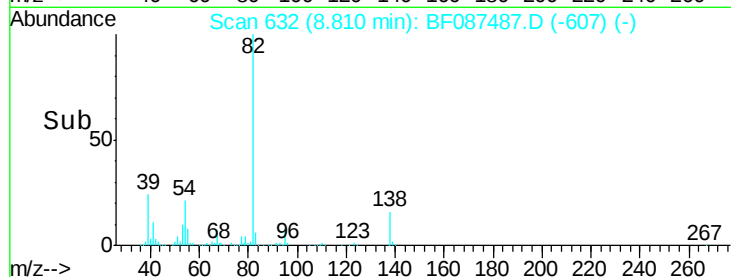
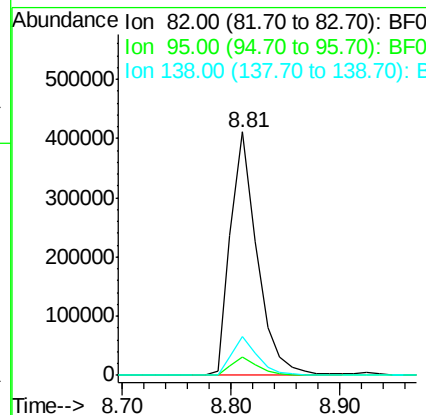
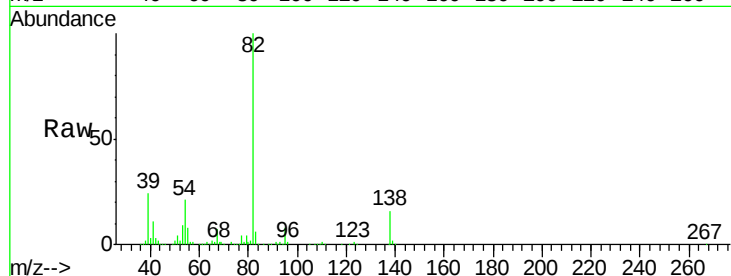
82 100

95 7.8 5.1 7.7#

138 15.8 12.4 18.6

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#26

2-Nitrophenol

Concen: 46.85 ng

RT: 8.92 min Scan# 642

Delta R.T. 0.00 min

Lab File: BF087487.D

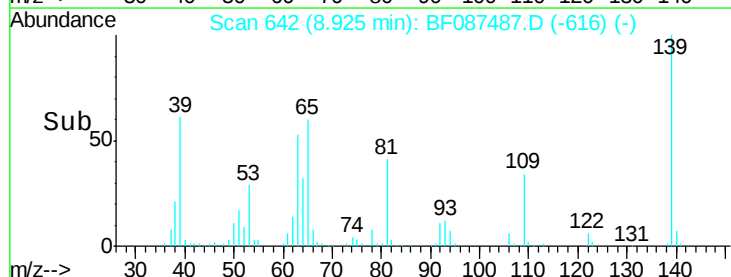
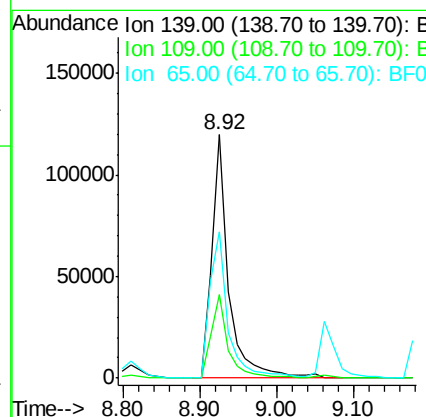
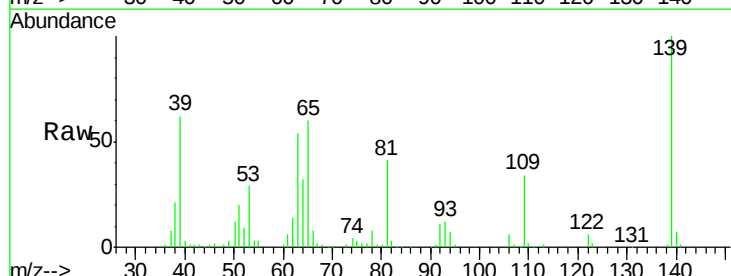
Acq: 28 May 2016 19:26

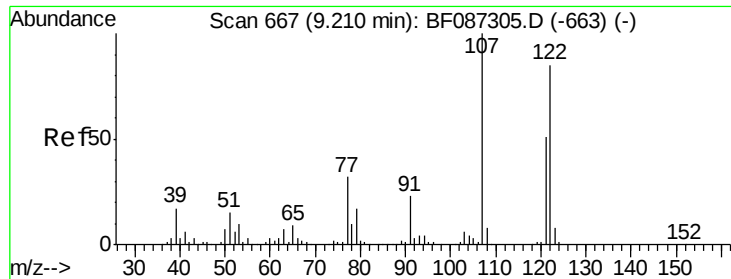
Tgt Ion: 139 Resp: 180811
Ion Ratio Lower Upper

139 100

109 34.2 19.5 29.3#

65 59.9 37.5 56.3#





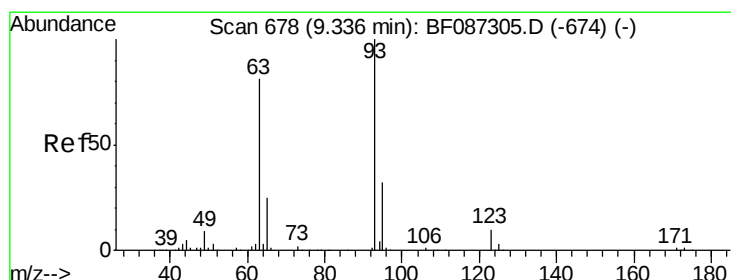
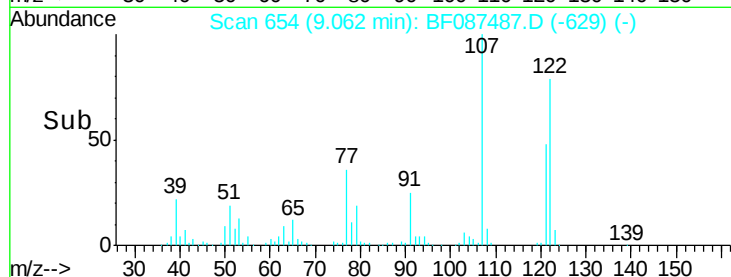
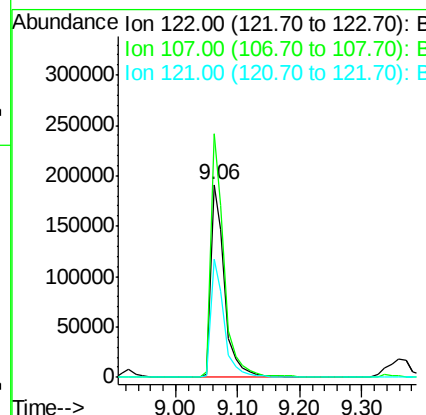
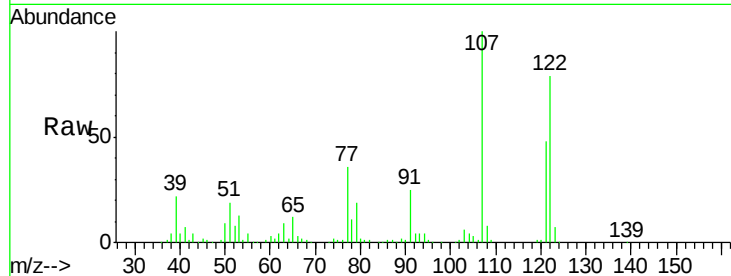
#27
2,4-Dimethylphenol
Concen: 43.51 ng
RT: 9.06 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF087487.D
Acq: 28 May 2016 19:26

Instrument :
BNA_F
ClientSampleId :
B-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	291490		
107	126.4	82.0	123.0#	
121	61.0	46.1	69.1	

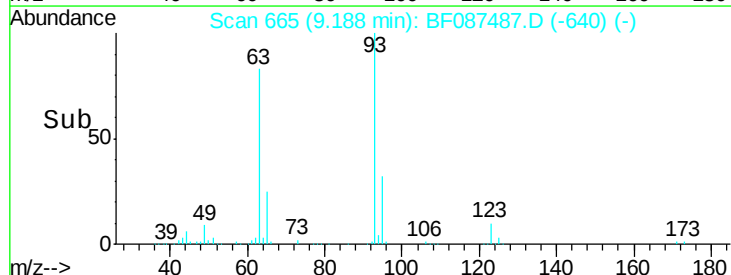
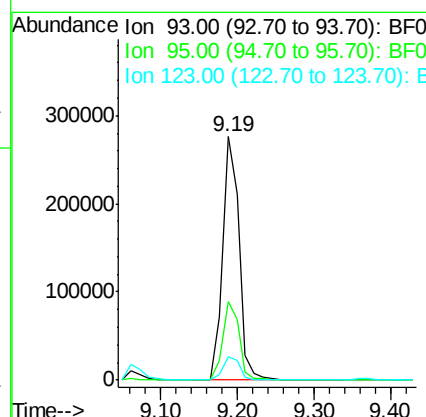
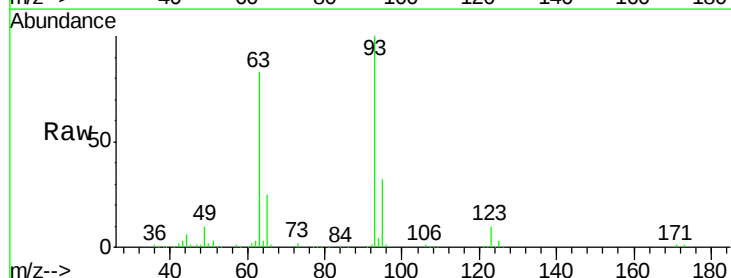
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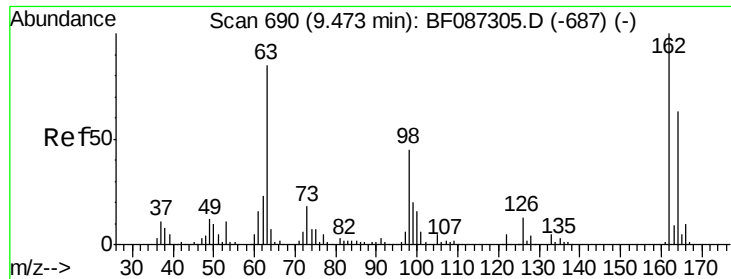
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#28
bis(2-Chloroethoxy)methane
Concen: 45.94 ng
RT: 9.19 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF087487.D
Acq: 28 May 2016 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	415077		
95	32.3	26.0	39.0	
123	9.5	9.5	14.3#	





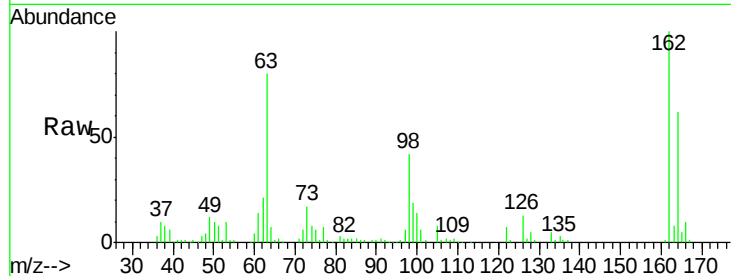
#29
 2,4-Dichlorophenol
 Concen: 47.63 ng
 RT: 9.34 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF087487.D
 Acq: 28 May 2016 19:26

Instrument :
 BNA_F
 ClientSampleId :
 B-2MSD

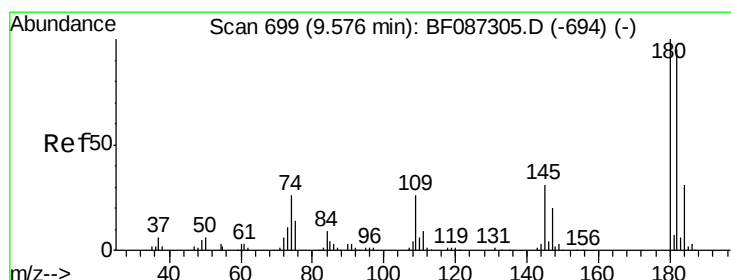
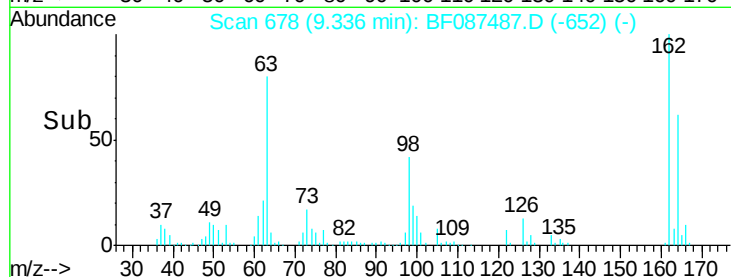
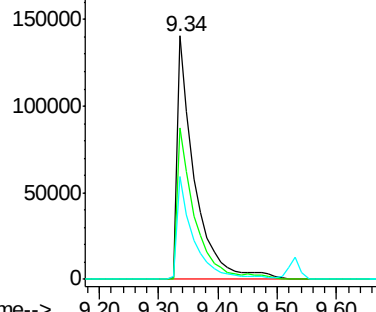
Tgt Ion:	162	Resp:	287558
Ion Ratio	Lower	Upper	
162	100		
164	62.3	42.2	82.2
98	42.1	19.0	59.0

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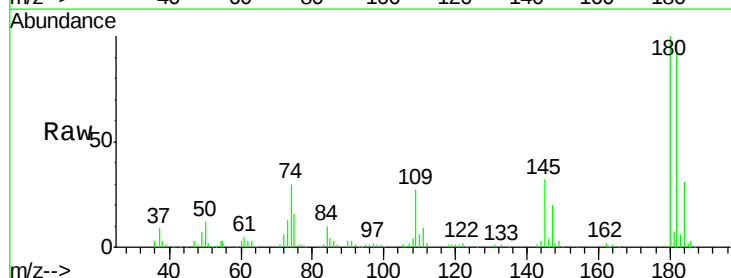


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

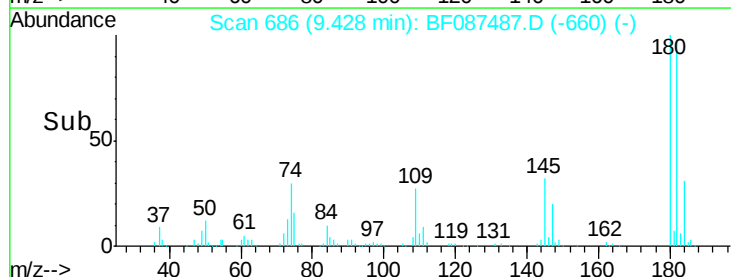
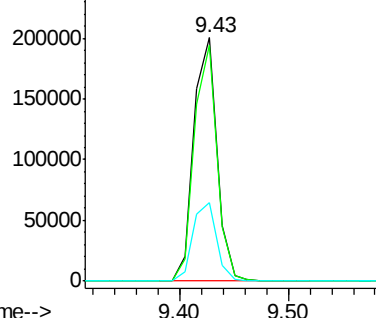


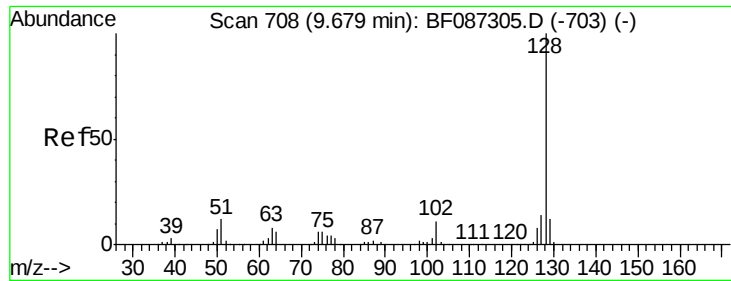
#30
 1,2,4-Trichlorobenzene
 Concen: 42.90 ng
 RT: 9.43 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF087487.D
 Acq: 28 May 2016 19:26

Tgt Ion:	180	Resp:	296503
Ion Ratio	Lower	Upper	
180	100		
182	97.2	78.0	117.0
145	32.5	24.2	36.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





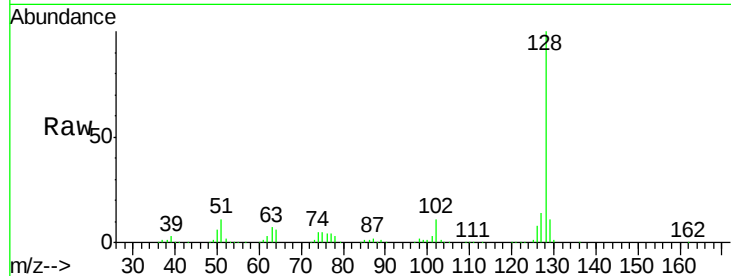
#31
Naphthalene
Concen: 43.46 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF087487.D
Acq: 28 May 2016 19:26

Instrument :
BNA_F
ClientSampleId :
B-2MSD

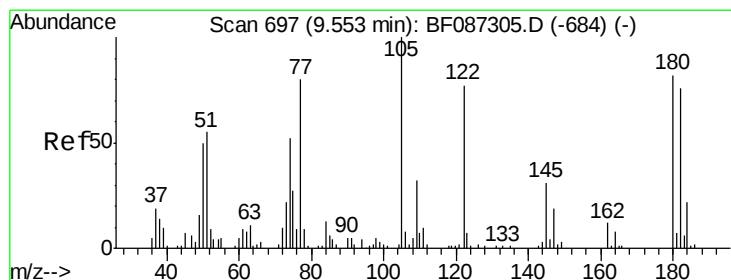
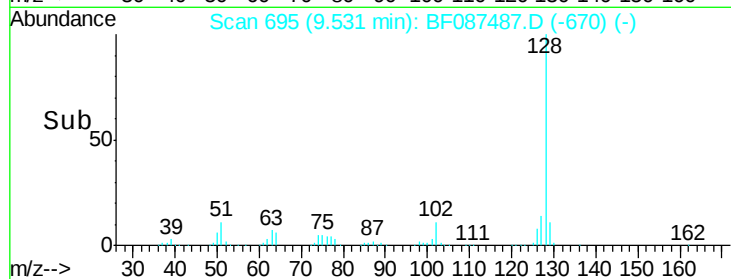
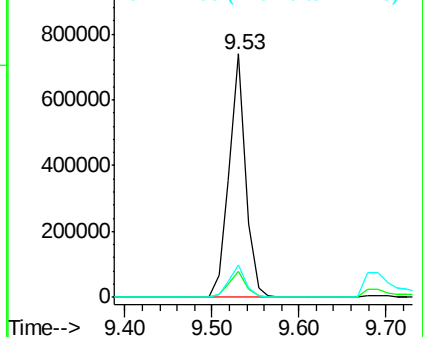
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	981649		
129	10.9	8.6	13.0	
127	13.5	10.8	16.2	

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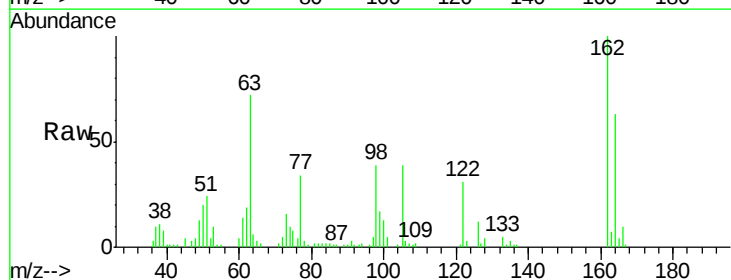


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

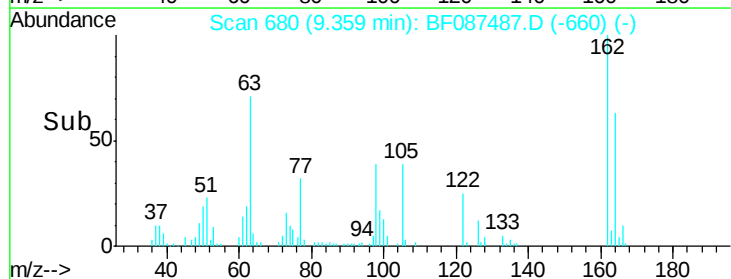
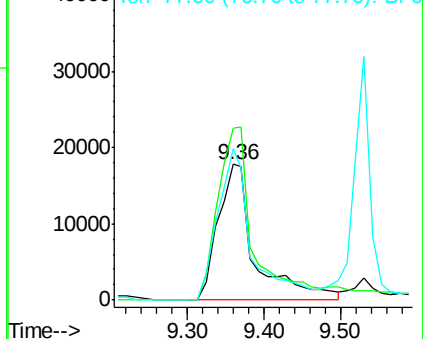


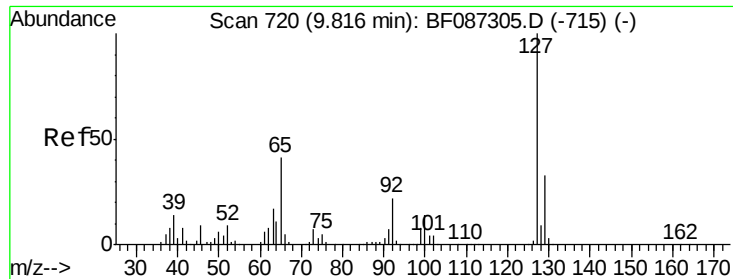
#32
Benzoic acid
Concen: 21.18 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.07 min
Lab File: BF087487.D
Acq: 28 May 2016 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	60300		
105	126.4	92.6	132.6	
77	111.8	60.0	100.0	



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





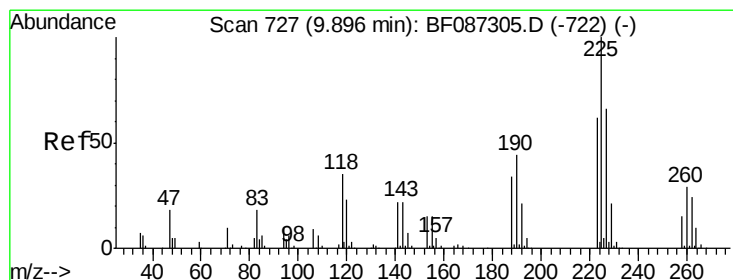
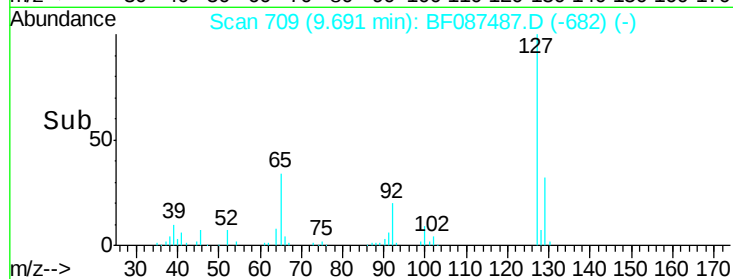
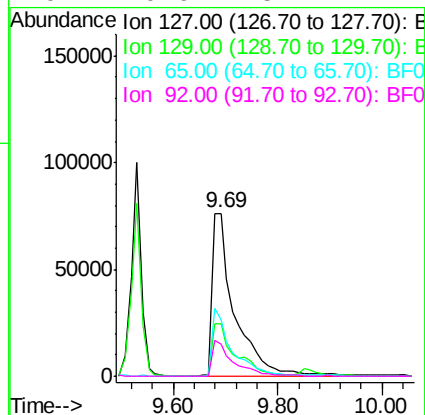
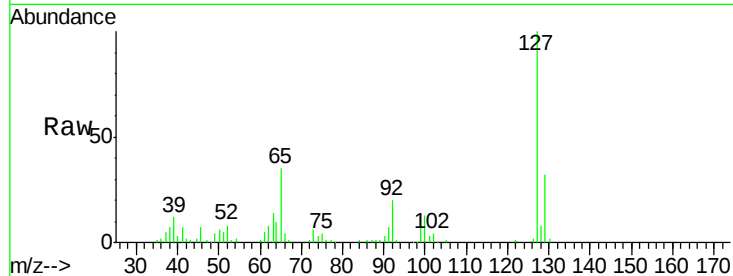
#33
4-Chloroaniline
Concen: 27.33 ng
RT: 9.69 min Scan# 709
Delta R.T. 0.01 min
Lab File: BF087487.D
Acq: 28 May 2016 19:26

Instrument :
BNA_F
ClientSampleId :
B-2MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.3	26.2	39.4
65	34.9	23.0	34.4
92	19.9	15.1	22.7

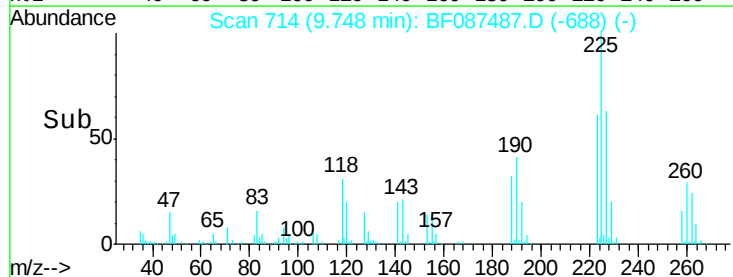
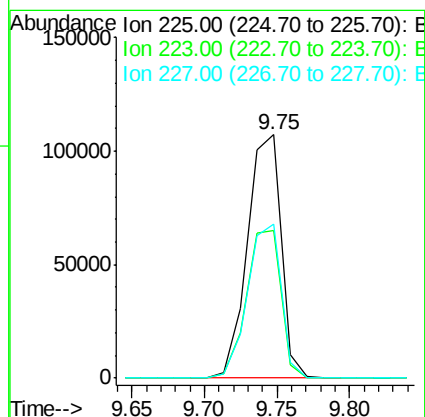
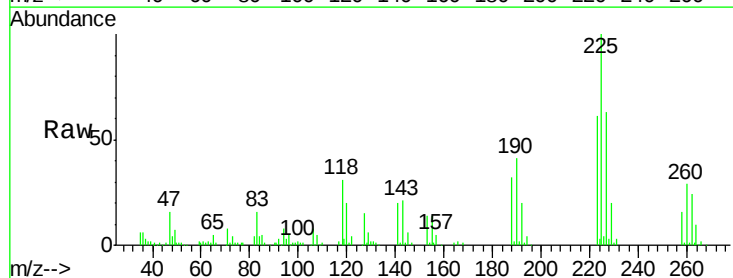
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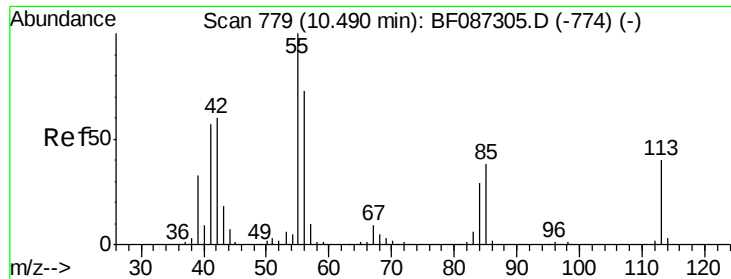
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#34
Hexachlorobutadiene
Concen: 41.14 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF087487.D
Acq: 28 May 2016 19:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	60.6	51.5	77.3
227	63.4	52.2	78.2





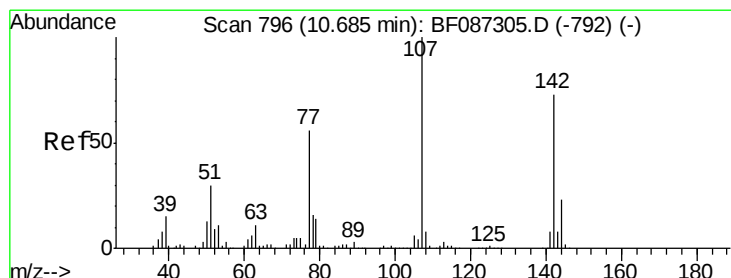
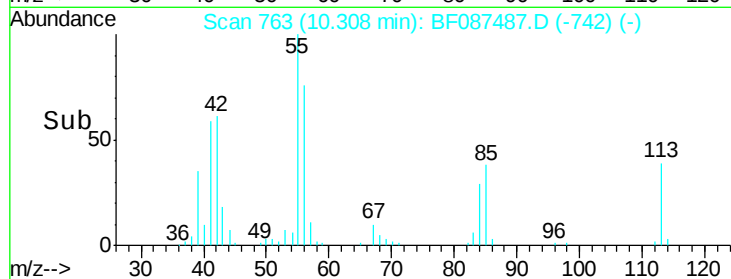
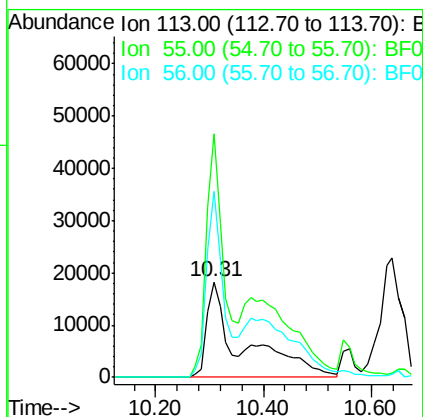
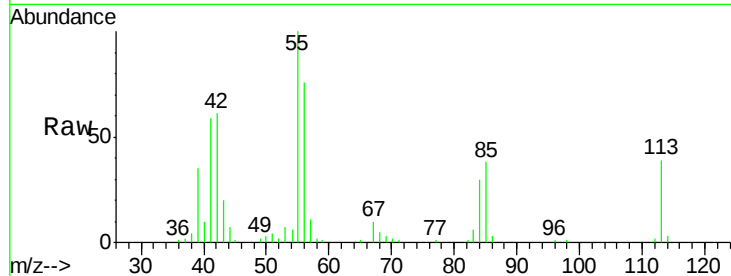
#35
Caprolactam
Concen: 46.99 ng m
RT: 10.31 min Scan# 763
Delta R.T. -0.06 min
Lab File: BF087487.D
Acq: 28 May 2016 19:26

Instrument :
BNA_F
ClientSampleId :
B-2MSD

Tgt Ion:113 Resp: 82807
Ion Ratio Lower Upper
113 100
55 255.6 162.0 202.0#
56 195.0 115.3 155.3#

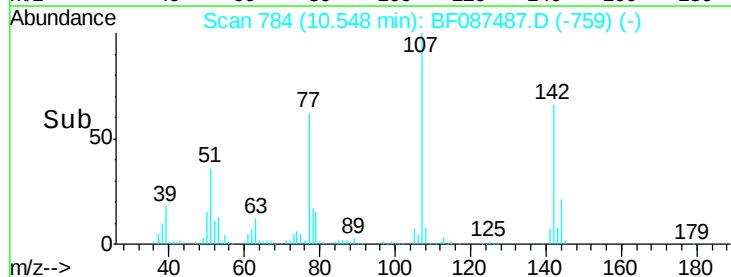
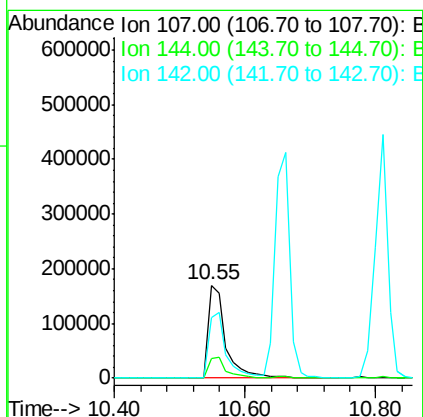
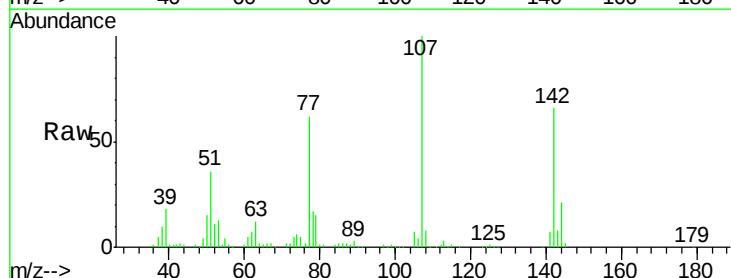
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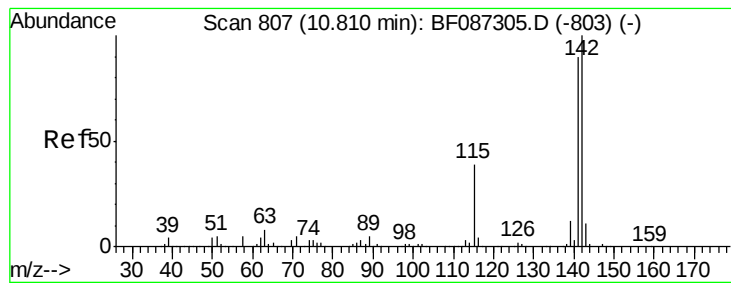
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#36
4-Chloro-3-methylphenol
Concen: 47.07 ng
RT: 10.55 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF087487.D
Acq: 28 May 2016 19:26

Tgt Ion:107 Resp: 321306
Ion Ratio Lower Upper
107 100
144 21.2 20.7 31.1
142 65.7 63.2 94.8





#37

2-Methylnaphthalene

Concen: 45.22 ng

RT: 10.66 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF087487.D

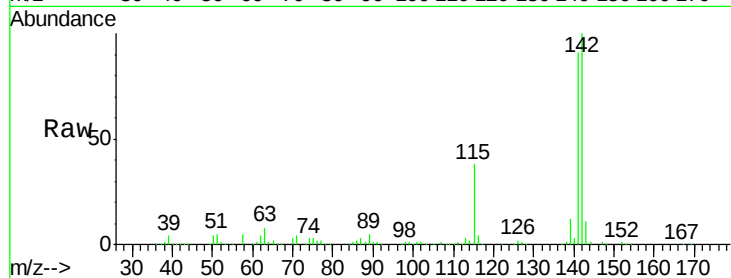
Acq: 28 May 2016 19:26

Instrument :

BNA_F

ClientSampleId :

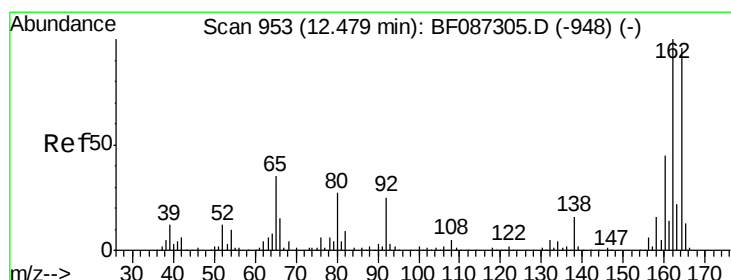
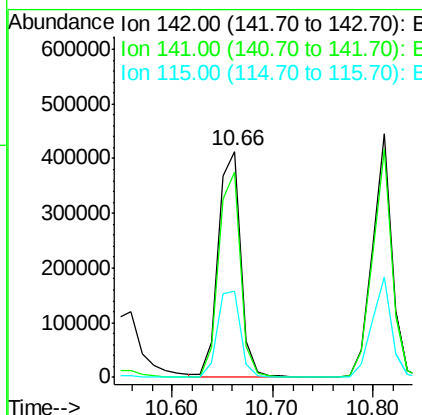
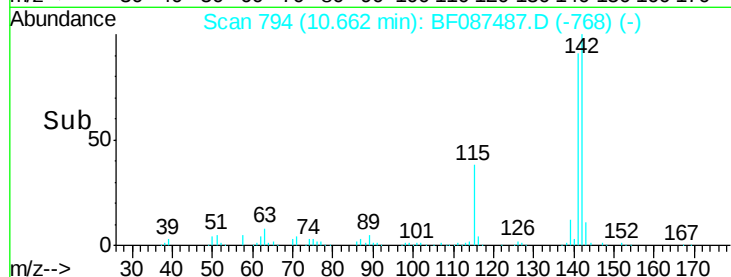
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Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.0	106.6
115	38.1	26.6	39.8

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#38

Acenaphthene-d10

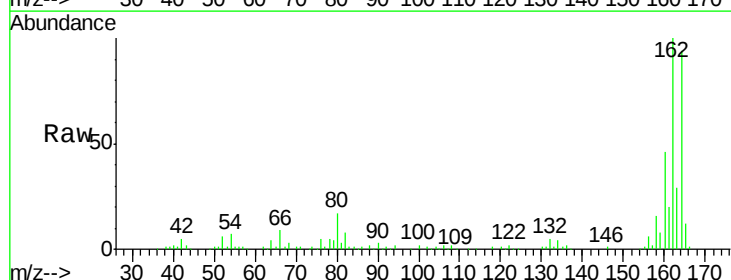
Concen: 20.00 ng

RT: 12.33 min Scan# 940

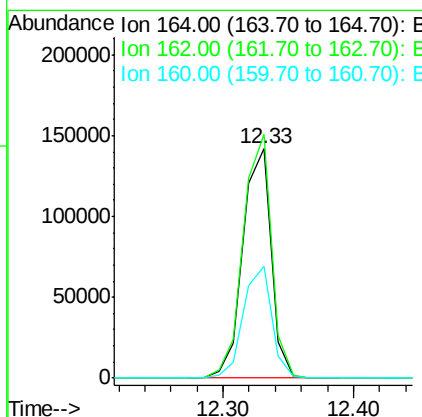
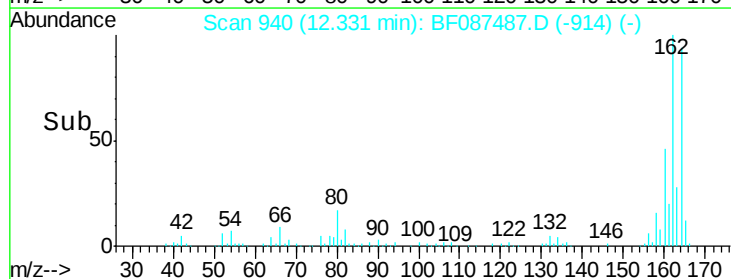
Delta R.T. 0.00 min

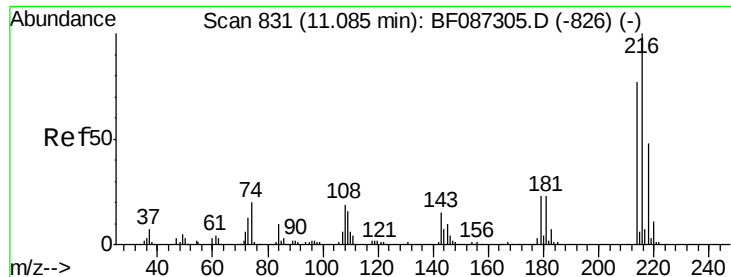
Lab File: BF087487.D

Acq: 28 May 2016 19:26



Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	82.8	124.2
160	48.5	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.78 ng

RT: 10.94 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF087487.D

Acq: 28 May 2016 19:26

Instrument :

BNA_F

ClientSampleId :

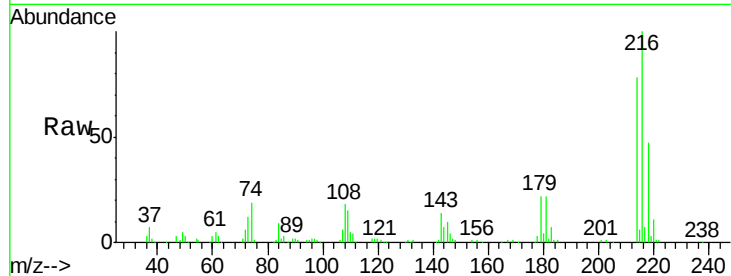
B-2MSD

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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	286051		
214	78.0	62.6	93.8	
179	23.2	18.2	27.4	
108	23.5	17.5	26.3	

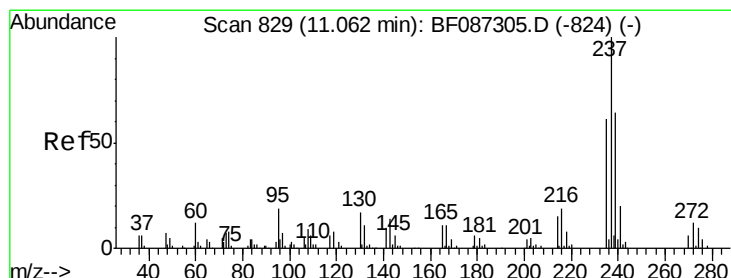
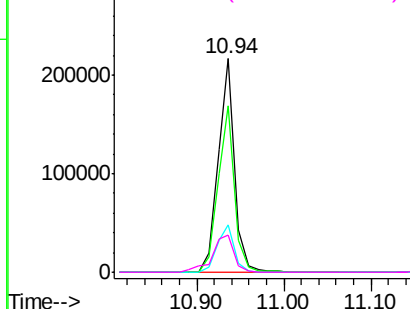
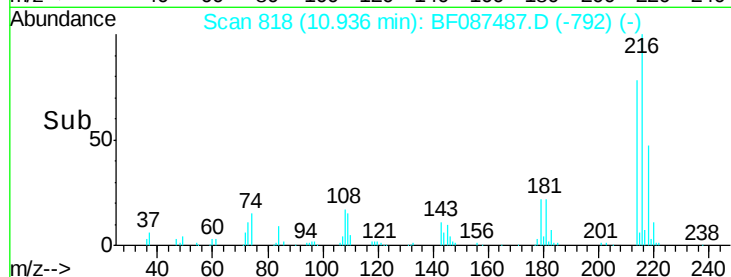


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 62.08 ng

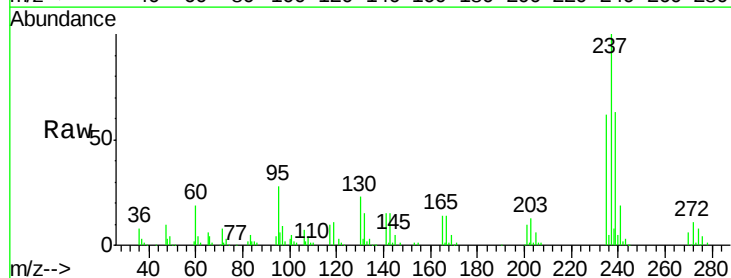
RT: 10.90 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF087487.D

Acq: 28 May 2016 19:26

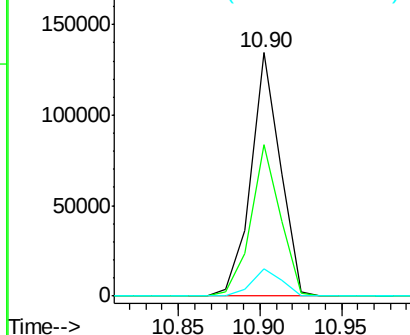
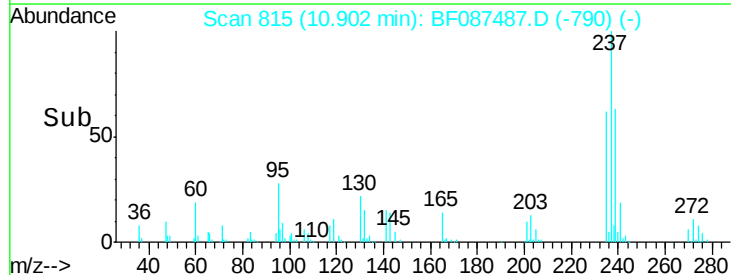
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	168158		
235	62.1	47.2	87.2	
272	11.3	0.0	31.1	

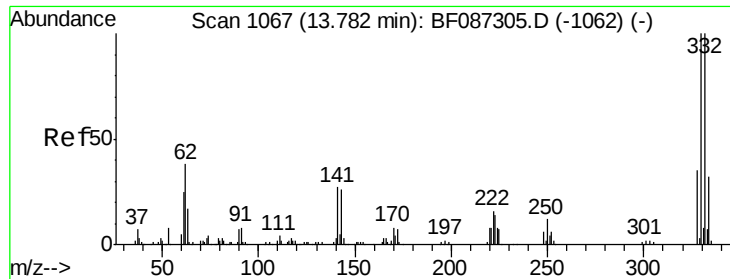


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 129.36 ng

RT: 13.62 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF087487.D

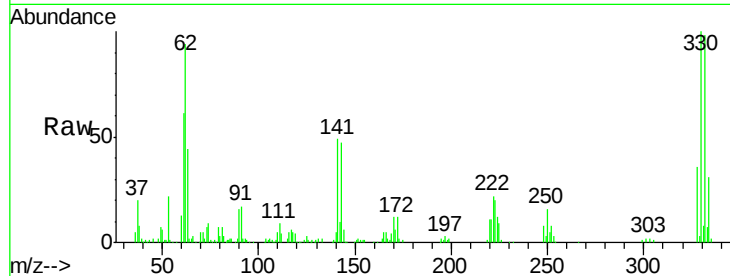
Acq: 28 May 2016 19:26

Instrument :

BNA_F

ClientSampled :

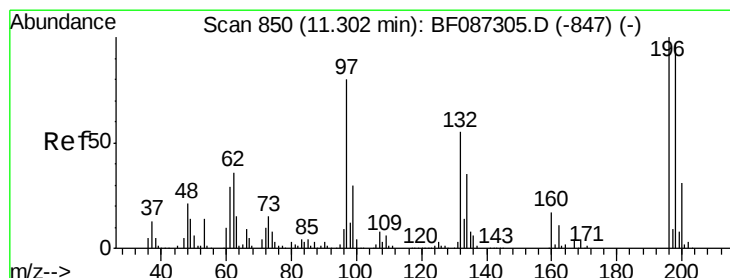
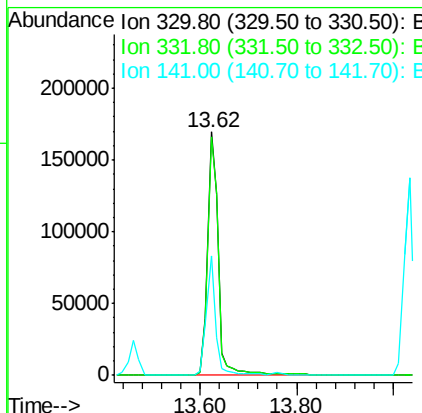
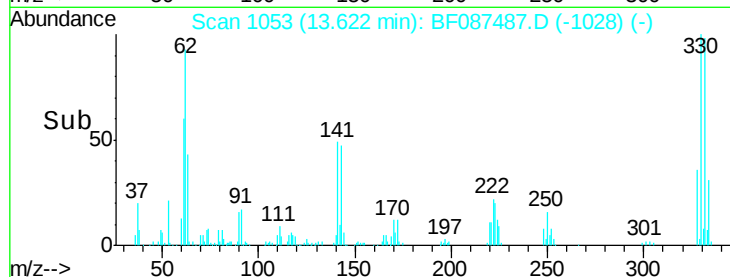
B-2MSD



Tgt Ion:	330	Resp:	265919
Ion Ratio	Lower	Upper	
330	100		
332	98.2	79.0	118.4
141	41.8	31.2	46.8

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#42

2,4,6-Trichlorophenol

Concen: 42.46 ng

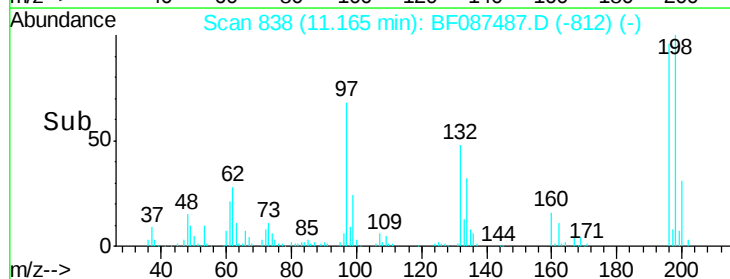
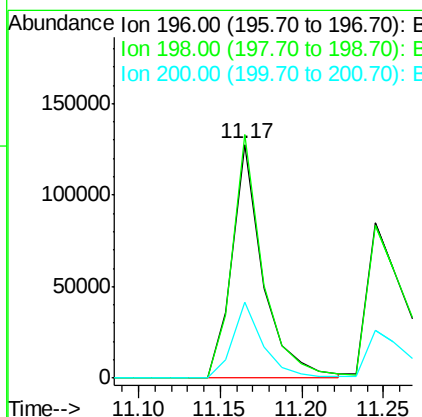
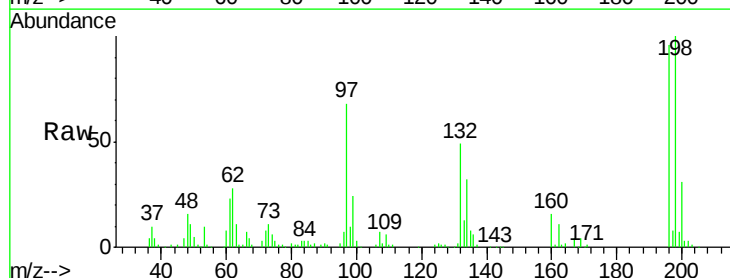
RT: 11.17 min Scan# 838

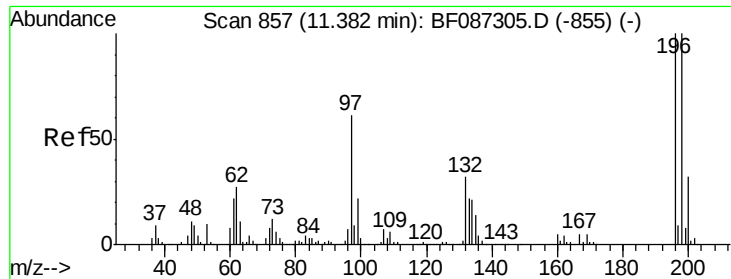
Delta R.T. 0.00 min

Lab File: BF087487.D

Acq: 28 May 2016 19:26

Tgt Ion:	196	Resp:	167799
Ion Ratio	Lower	Upper	
196	100		
198	104.1	74.7	112.1
200	32.6	23.8	35.6





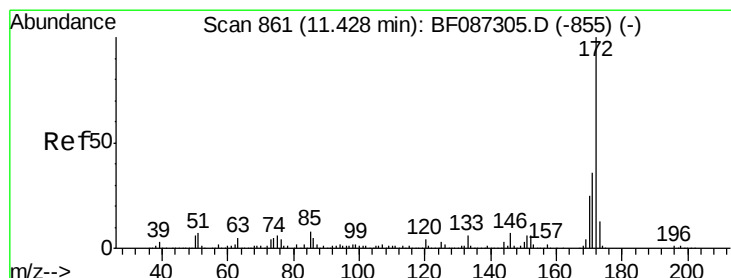
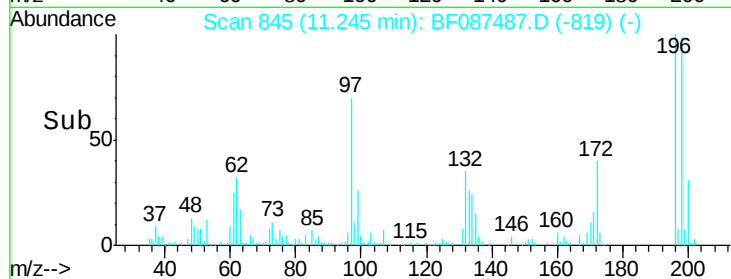
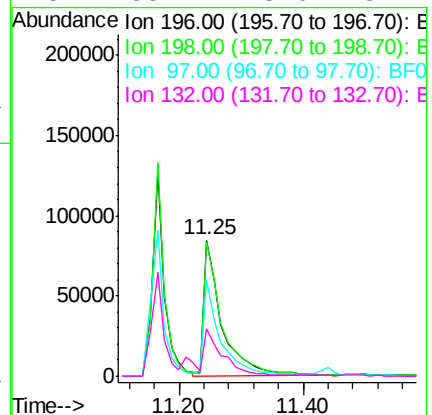
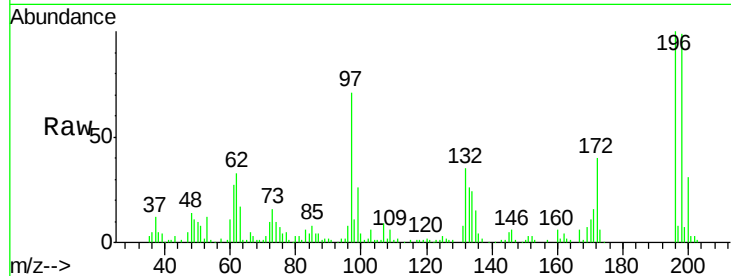
#43
 2,4,5-Trichlorophenol
 Concen: 42.73 ng
 RT: 11.25 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF087487.D
 Acq: 28 May 2016 19:26

Instrument :
 BNA_F
 ClientSampleId :
 B-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	171994		
198	98.5	77.5	116.3	
97	70.7	34.8	52.2#	
132	35.2	23.0	34.4#	

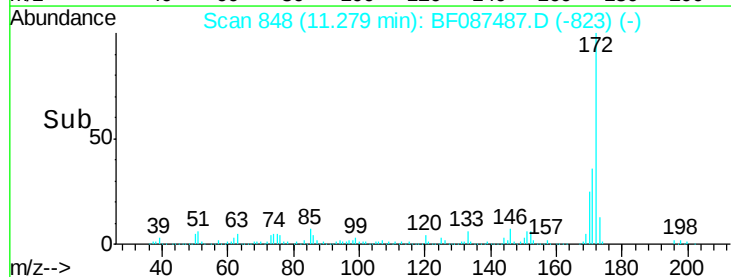
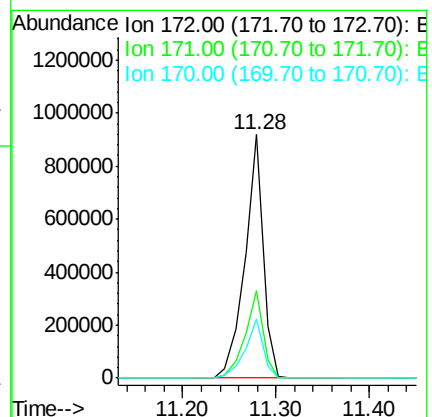
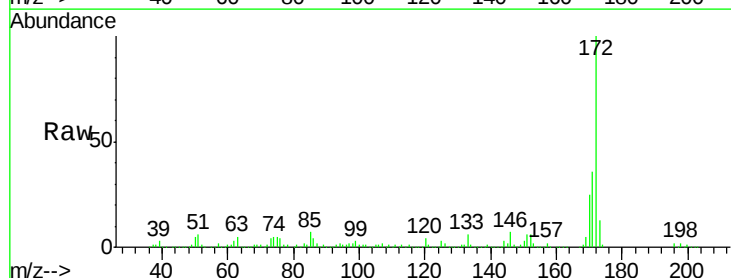
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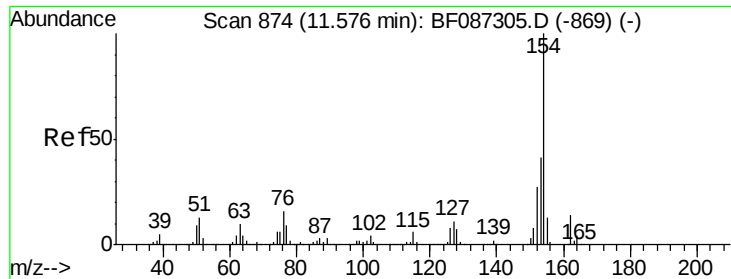
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#44
 2-Fluorobiphenyl
 Concen: 82.12 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087487.D
 Acq: 28 May 2016 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1246047		
171	36.2	29.0	43.6	
170	24.5	19.8	29.8	





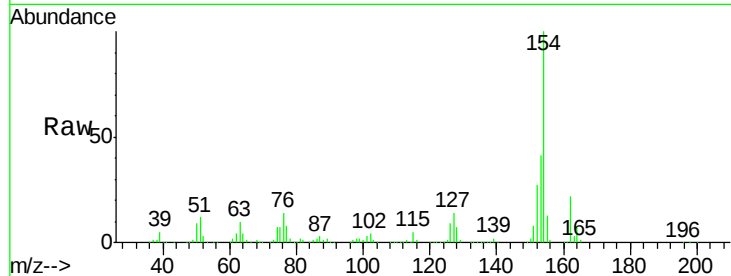
#45
 1,1'-Biphenyl
 Concen: 43.49 ng
 RT: 11.43 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF087487.D
 Acq: 28 May 2016 19:26

Instrument :
 BNA_F
 ClientSampleId :
 B-2MSD

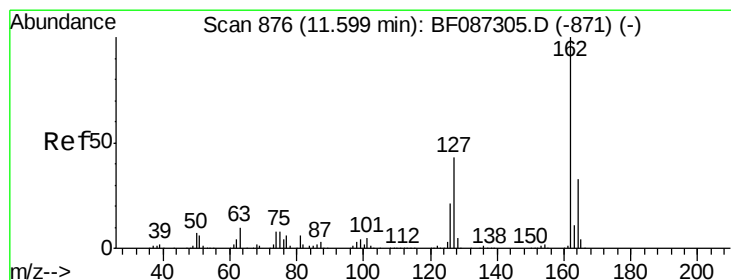
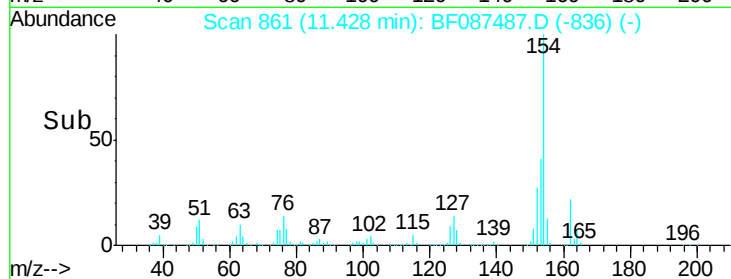
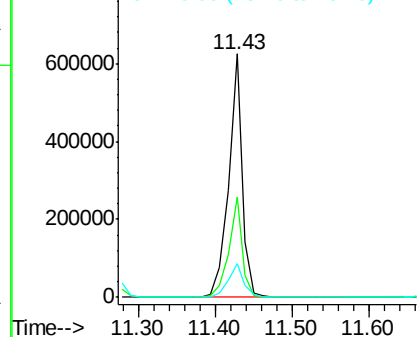
Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	40.9	20.3	60.3
76	13.6	0.0	30.2

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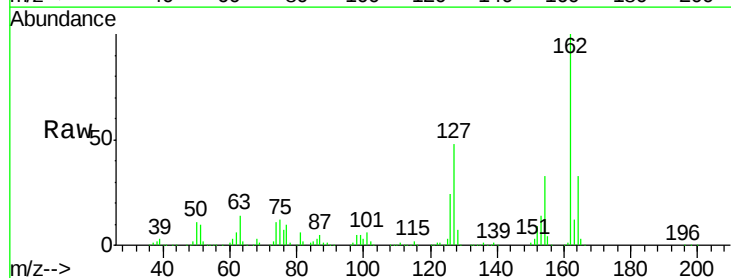


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

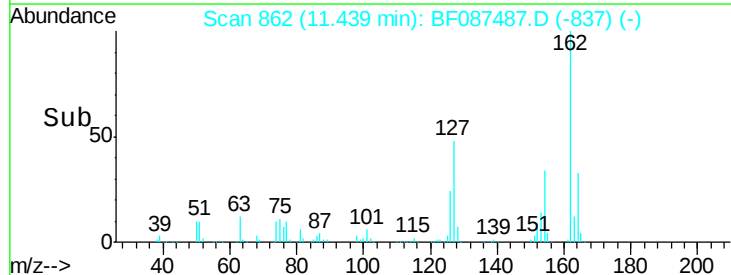
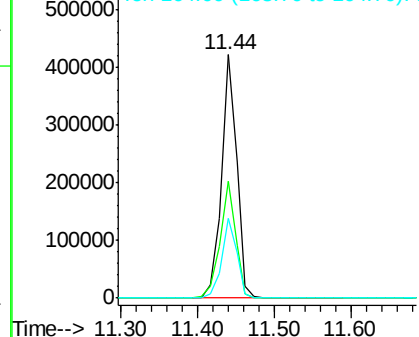


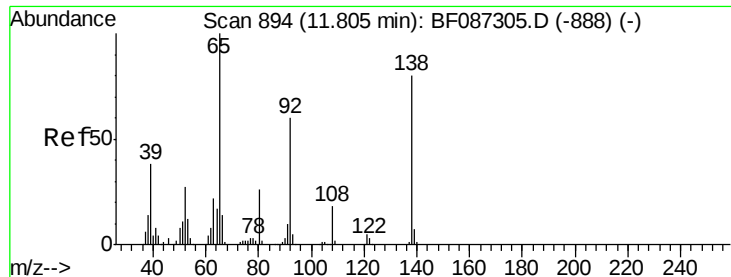
#46
 2-Chloronaphthalene
 Concen: 42.23 ng
 RT: 11.44 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BF087487.D
 Acq: 28 May 2016 19:26

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	47.8	31.8	47.6#
164	32.8	27.0	40.6



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





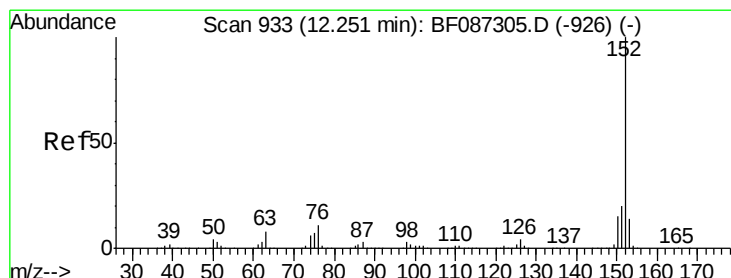
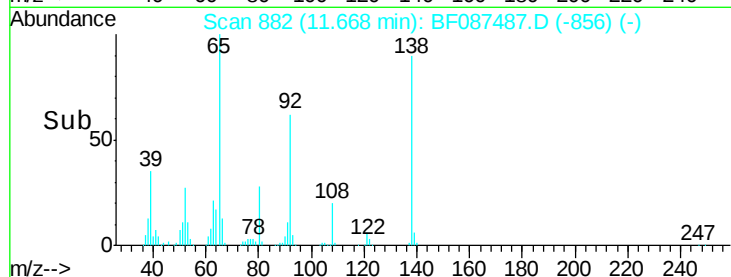
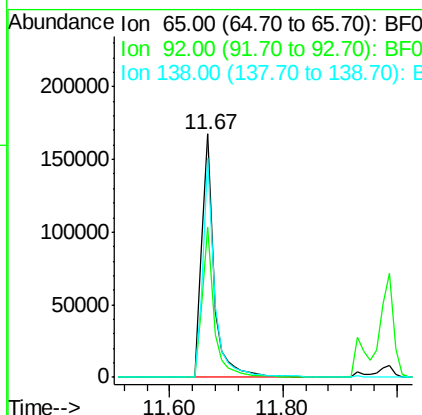
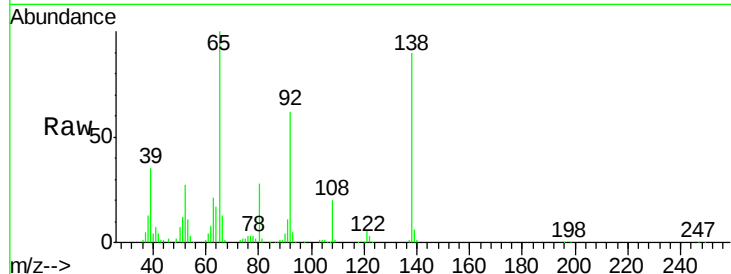
#47
2-Nitroaniline
Concen: 49.40 ng
RT: 11.67 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF087487.D
Acq: 28 May 2016 19:26

Instrument :
BNA_F
ClientSampleId :
B-2MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.9	57.4	86.2
138	90.1	90.1	135.1#

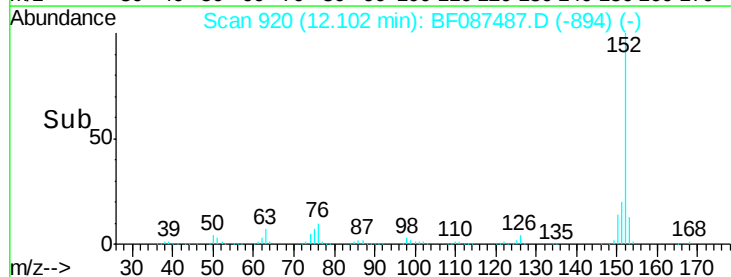
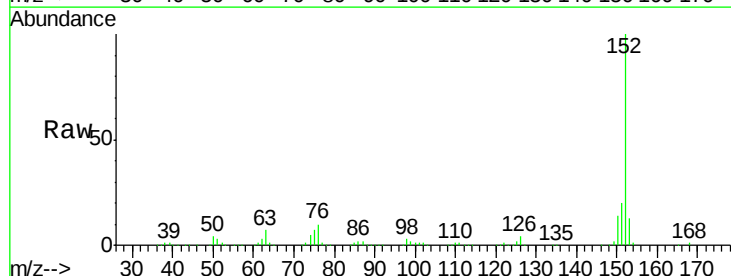
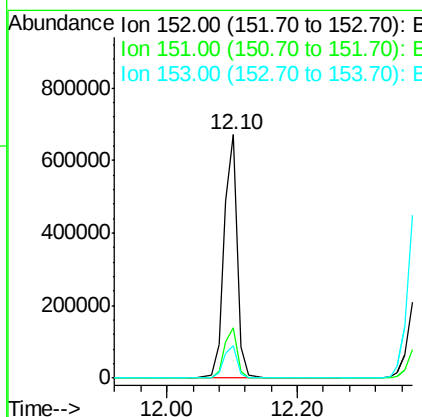
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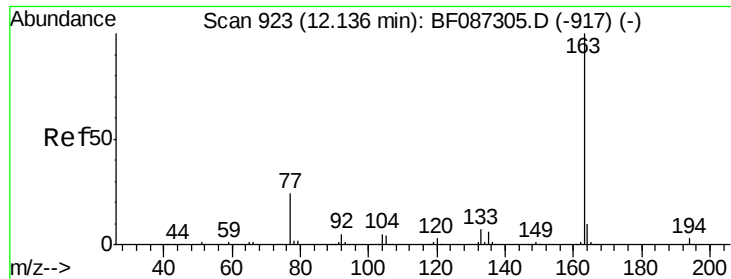
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#48
Acenaphthylene
Concen: 43.16 ng
RT: 12.10 min Scan# 920
Delta R.T. 0.00 min
Lab File: BF087487.D
Acq: 28 May 2016 19:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.5	10.9	16.3





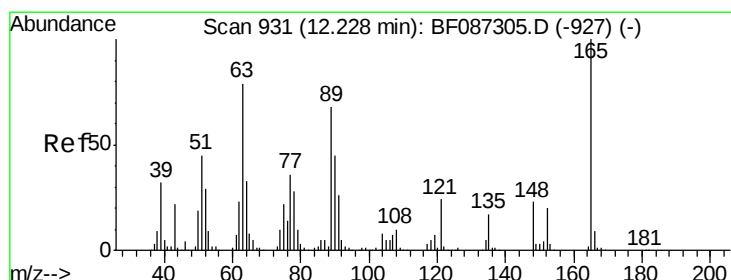
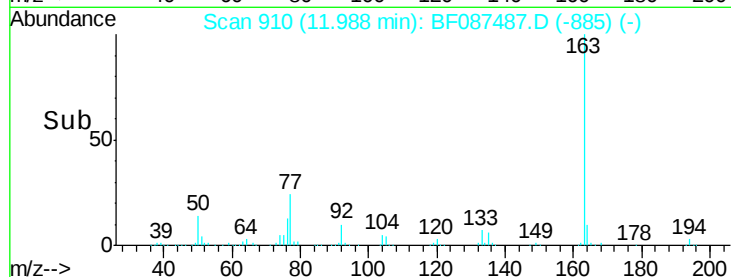
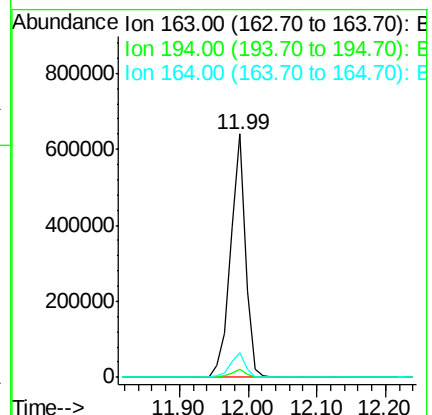
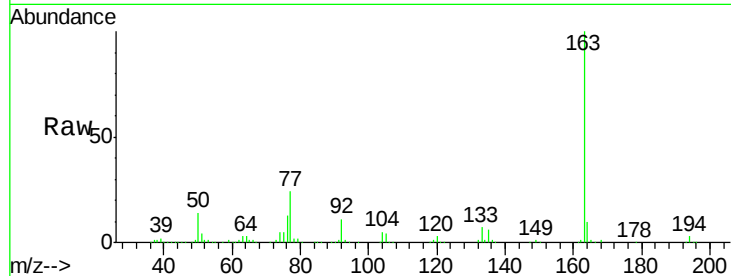
#49
Dimethylphthalate
Concen: 57.49 ng
RT: 11.99 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF087487.D
Acq: 28 May 2016 19:26

Instrument :
BNA_F
ClientSampleId :
B-2MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.1	2.6	4.0
164	10.3	8.2	12.4

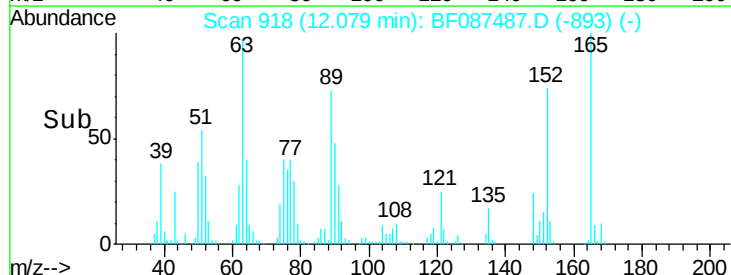
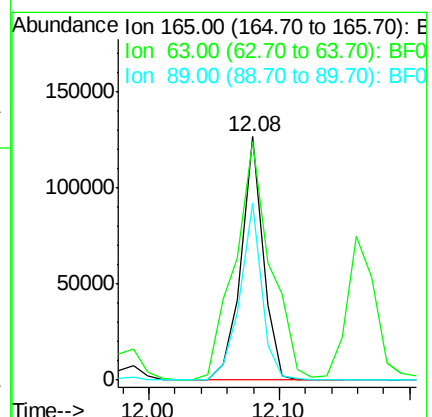
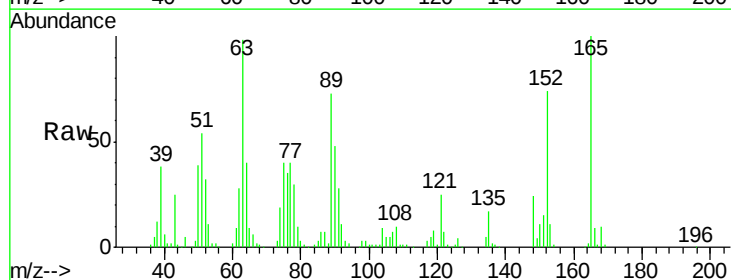
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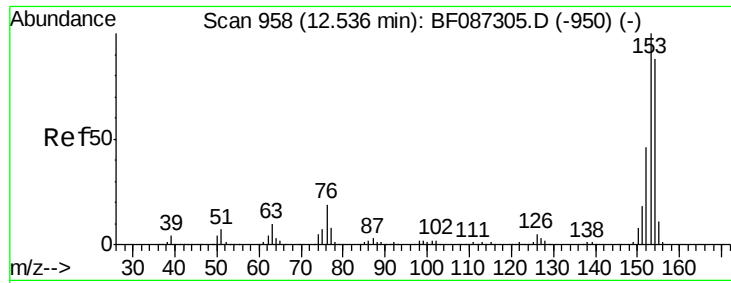
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#50
2,6-Dinitrotoluene
Concen: 43.34 ng
RT: 12.08 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF087487.D
Acq: 28 May 2016 19:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	97.7	51.8	77.8#
89	72.6	50.7	76.1





#51

Acenaphthene

Concen: 41.70 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF087487.D

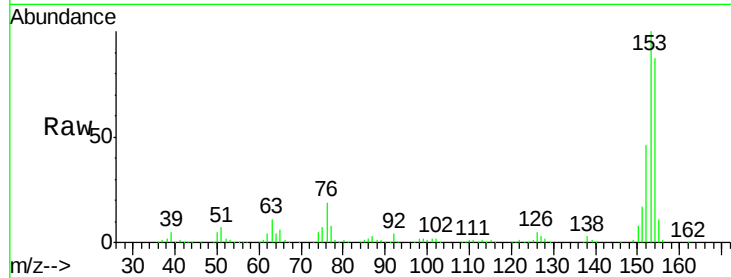
Acq: 28 May 2016 19:26

Instrument :

BNA_F

ClientSampleId :

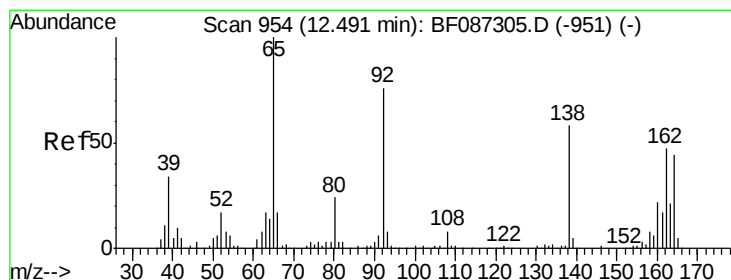
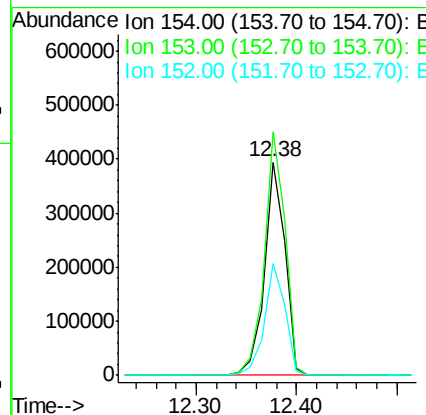
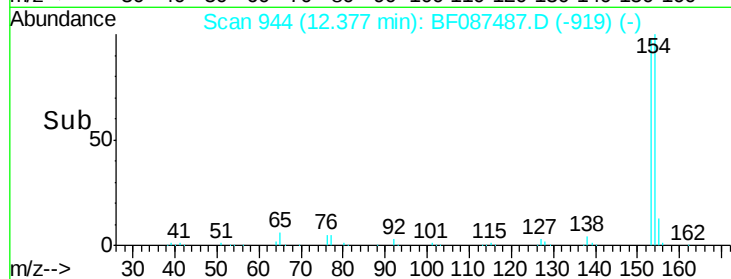
B-2MSD



Tgt Ion:	154	Resp:	559041
Ion Ratio	Lower	Upper	
154	100		
153	114.3	89.8	134.6
152	52.7	43.4	65.0

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#52

3-Nitroaniline

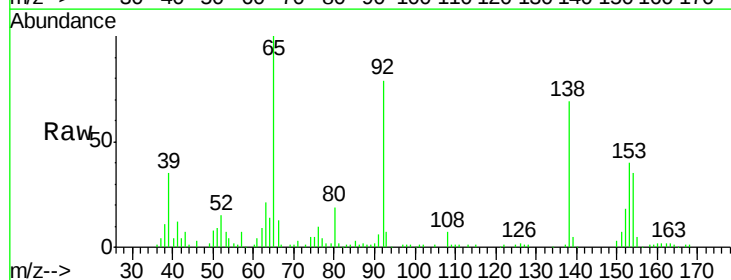
Concen: 32.28 ng

RT: 12.35 min Scan# 942

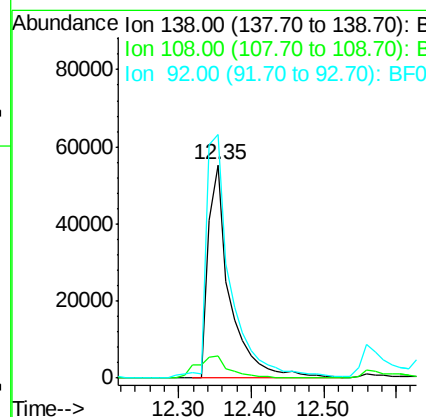
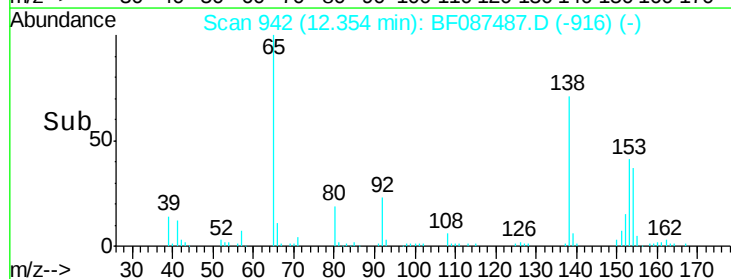
Delta R.T. 0.00 min

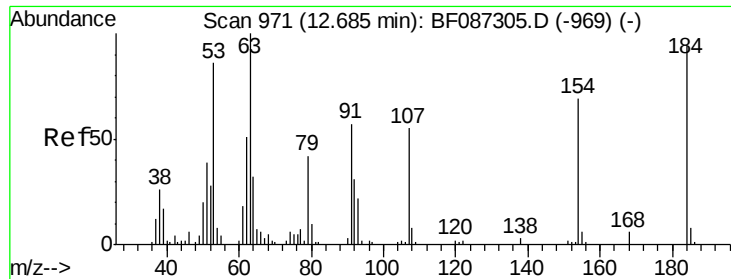
Lab File: BF087487.D

Acq: 28 May 2016 19:26



Tgt Ion:	138	Resp:	114396
Ion Ratio	Lower	Upper	
138	100		
108	10.4	7.8	11.6
92	114.4	87.8	131.8





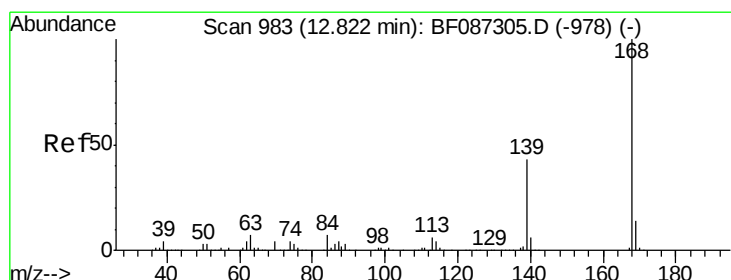
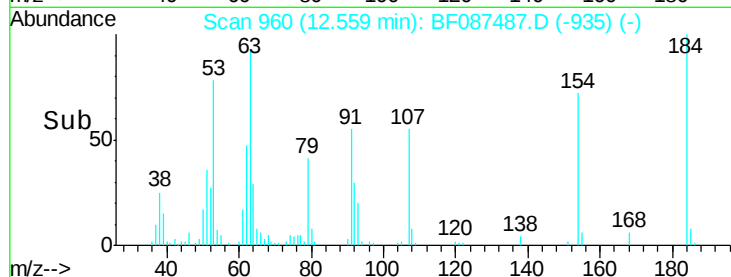
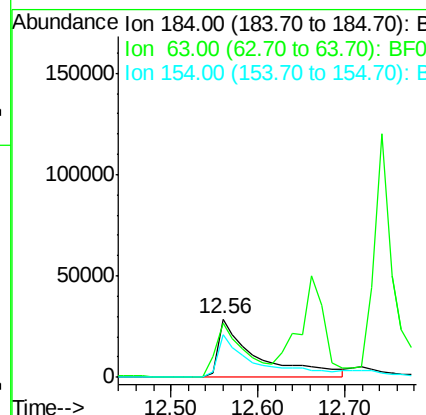
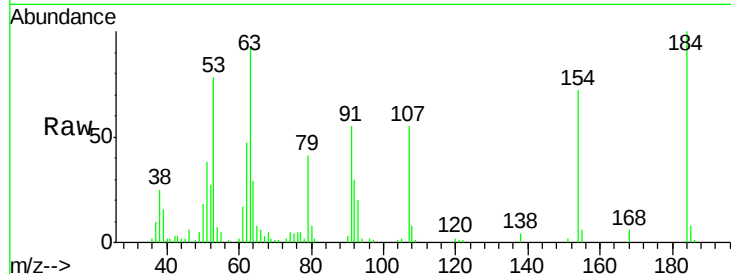
#53
2,4-Dinitrophenol
Concen: 52.58 ng
RT: 12.56 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF087487.D
Acq: 28 May 2016 19:26

Instrument :
BNA_F
ClientSampleId :
B-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	88589		
63	93.1	55.8	83.8#	
154	72.0	62.4	93.6	

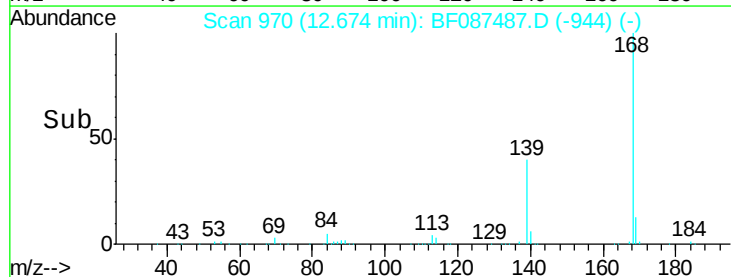
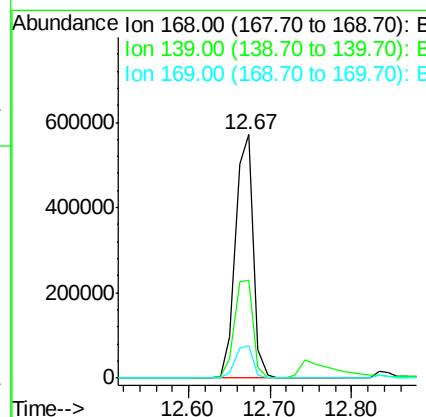
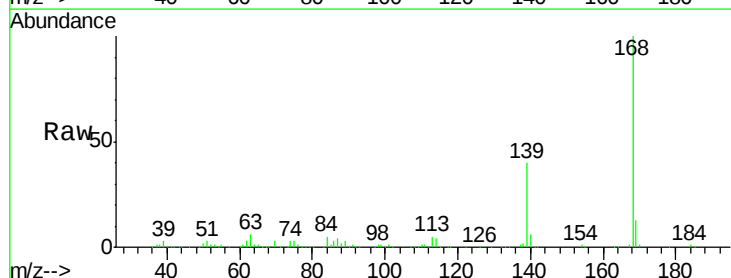
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#54
Dibenzofuran
Concen: 47.29 ng
RT: 12.67 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF087487.D
Acq: 28 May 2016 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	858423		
139	40.3	31.4	47.0	
169	13.1	10.7	16.1	





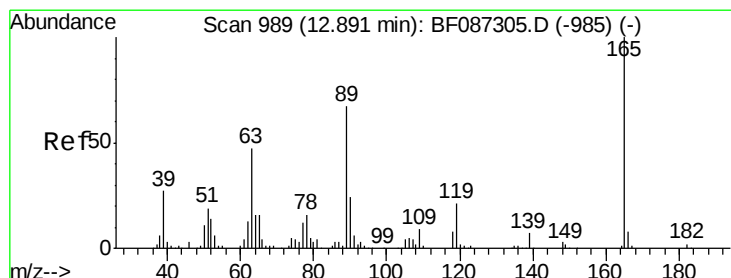
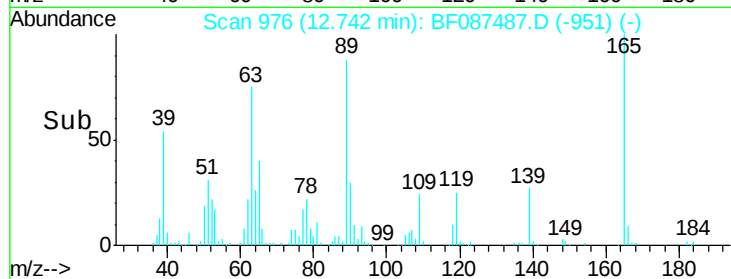
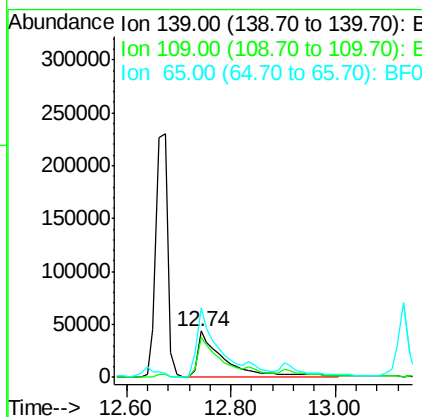
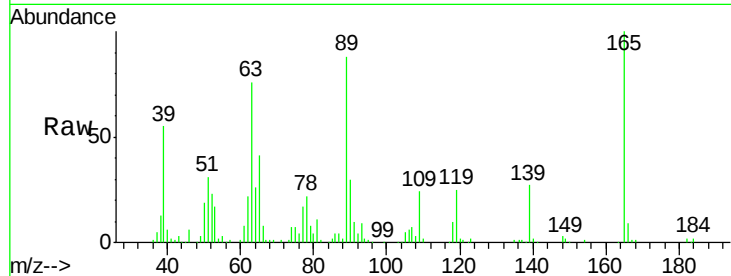
#55
4-Nitrophenol
Concen: 89.41 ng
RT: 12.74 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF087487.D
Acq: 28 May 2016 19:26

Instrument :
BNA_F
ClientSampleId :
B-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	151137		
109	86.2	36.9	76.9#	
65	151.2	64.0	104.0#	

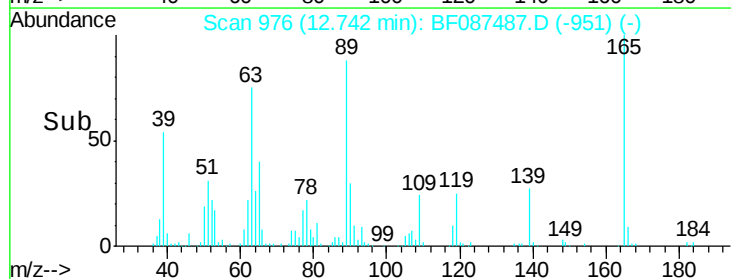
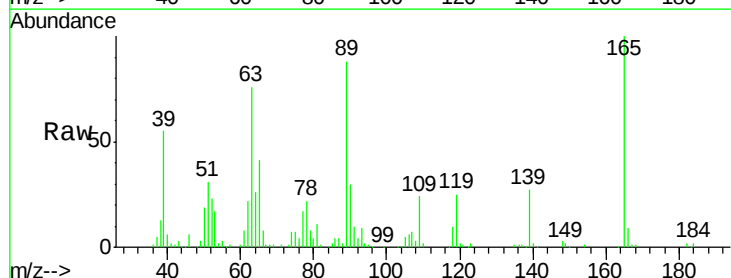
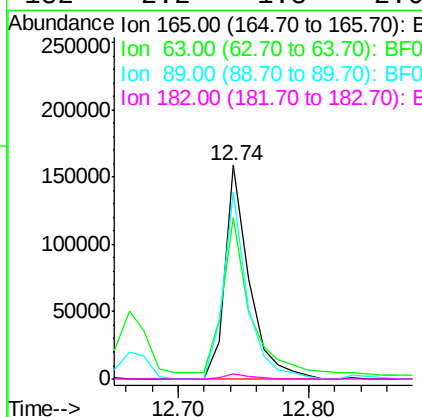
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#56
2,4-Dinitrotoluene
Concen: 44.84 ng
RT: 12.74 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF087487.D
Acq: 28 May 2016 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	206937		
63	75.7	44.3	66.5#	
89	87.7	70.0	105.0	
182	2.2	1.8	2.6	





#57

Fluorene

Concen: 42.57 ng

RT: 13.22 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF087487.D

Acq: 28 May 2016 19:26

Instrument :

BNA_F

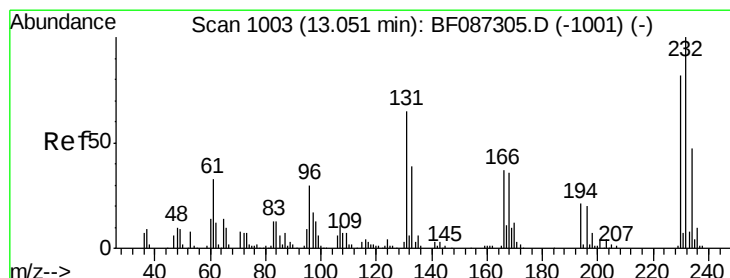
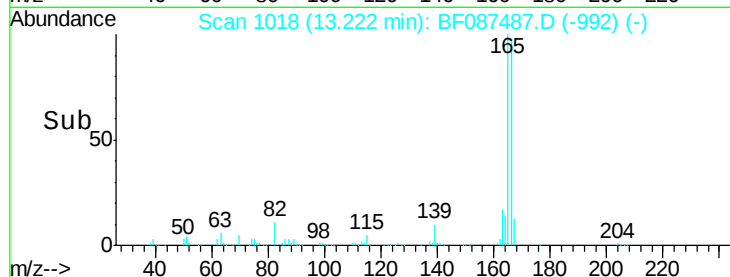
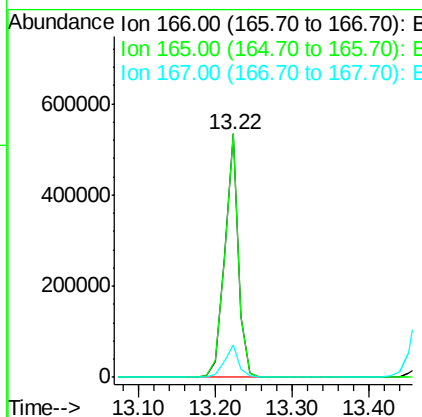
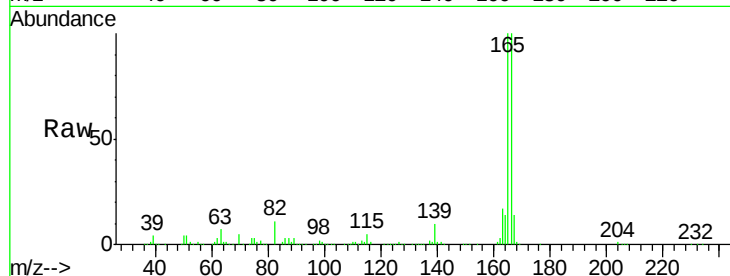
ClientSampleId :

B-2MSD

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Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.8	79.0	118.6	
167	13.5	10.6	15.8	



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.37 ng

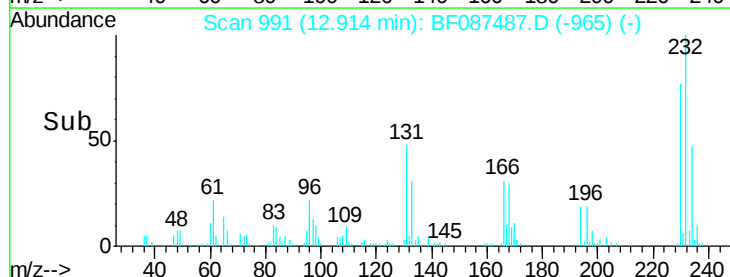
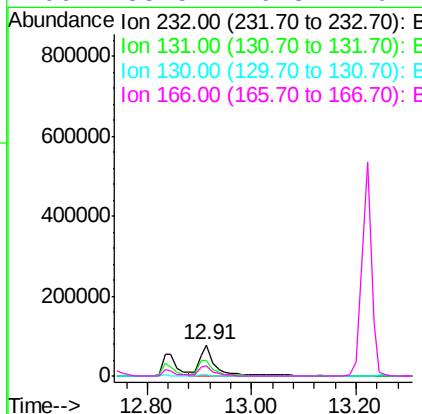
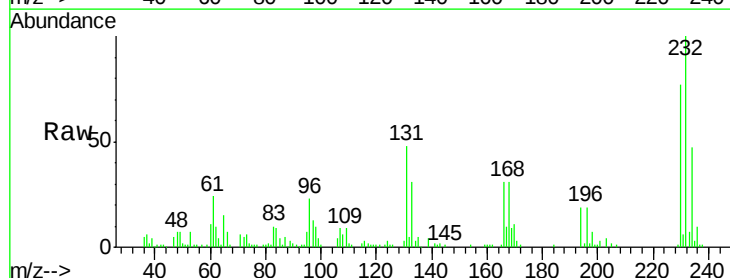
RT: 12.91 min Scan# 991

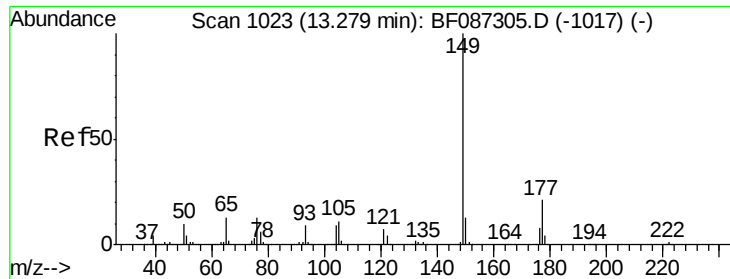
Delta R.T. 0.00 min

Lab File: BF087487.D

Acq: 28 May 2016 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	53.9	41.9	62.9	
130	2.8	2.2	3.4	
166	33.5	26.8	40.2	





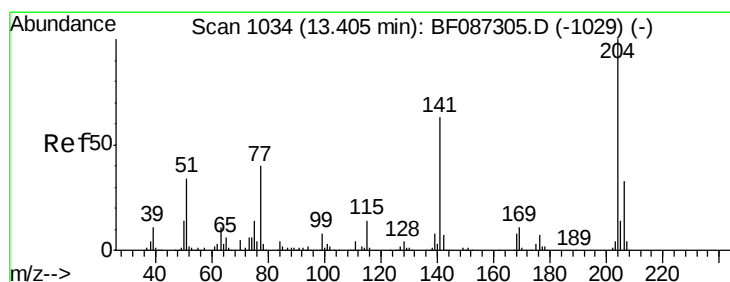
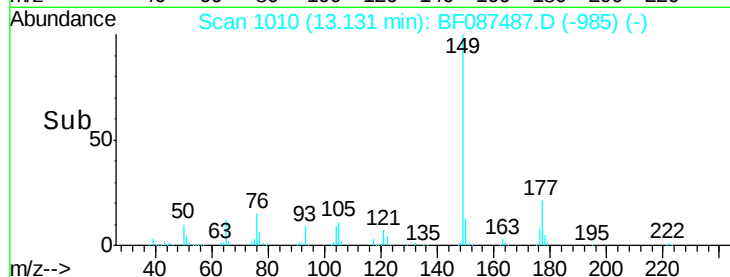
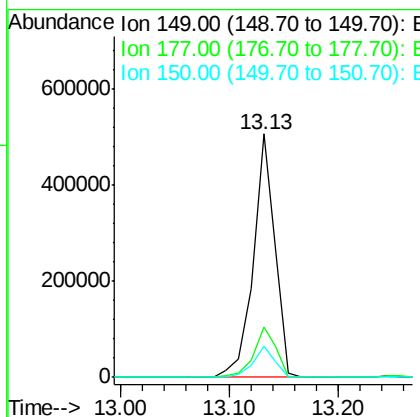
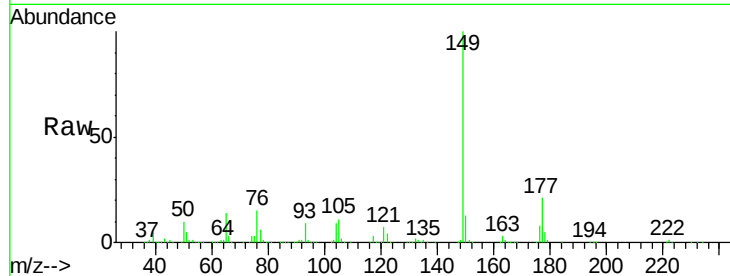
#59
Diethylphthalate
Concen: 42.17 ng
RT: 13.13 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF087487.D
Acq: 28 May 2016 19:26

Instrument :
BNA_F
ClientSampleId :
B-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	702531		
177	20.8	16.6	24.8	
150	12.8	10.0	15.0	

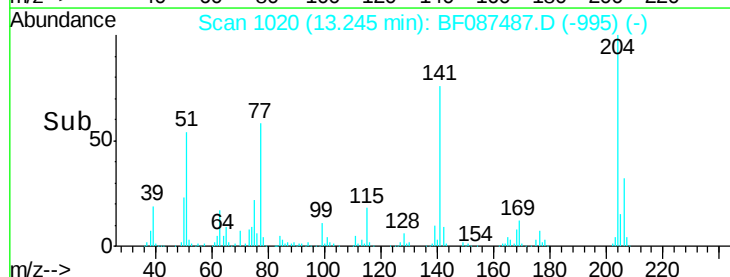
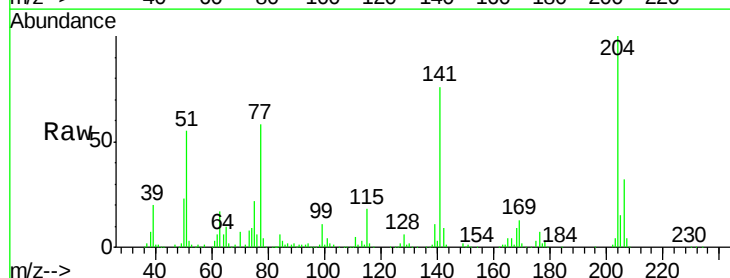
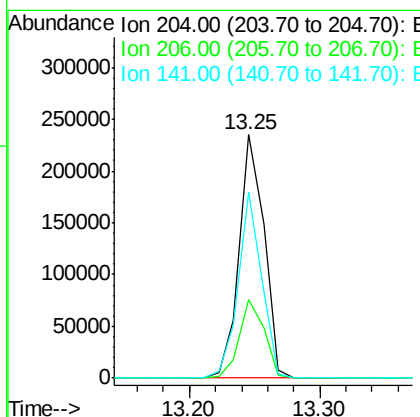
Manual Integrations
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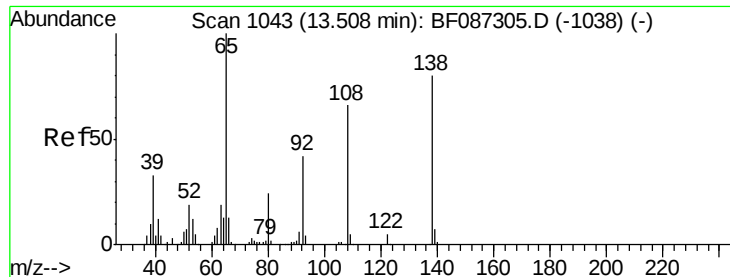
umangi
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#60
4-Chlorophenyl-phenylether
Concen: 40.57 ng
RT: 13.25 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF087487.D
Acq: 28 May 2016 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	311401		
206	32.4	25.4	38.0	
141	76.3	61.6	92.4	





#61

4-Nitroaniline

Concen: 46.19 ng

RT: 13.36 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF087487.D

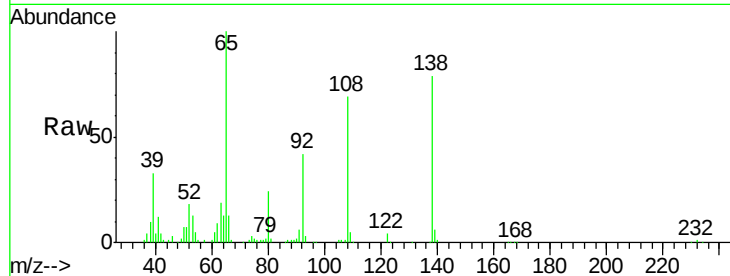
Acq: 28 May 2016 19:26

Instrument :

BNA_F

ClientSampleId :

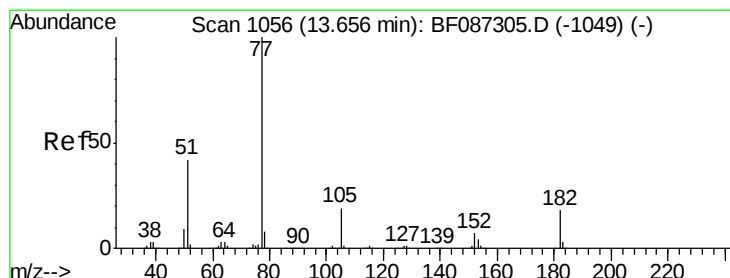
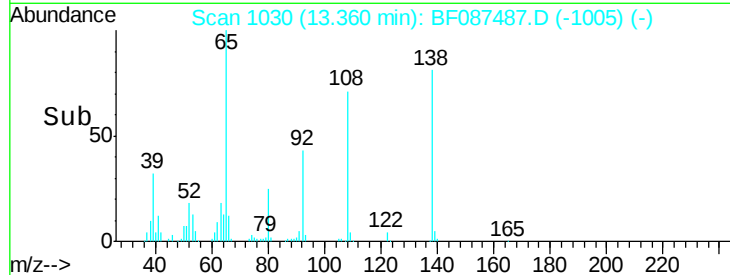
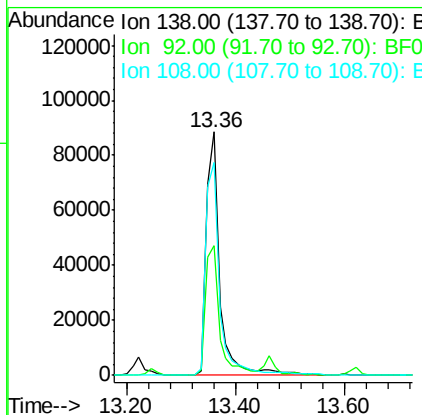
B-2MSD



Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.2	24.7	64.7
108	87.3	37.4	77.4

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#62

Azobenzene

Concen: 48.76 ng

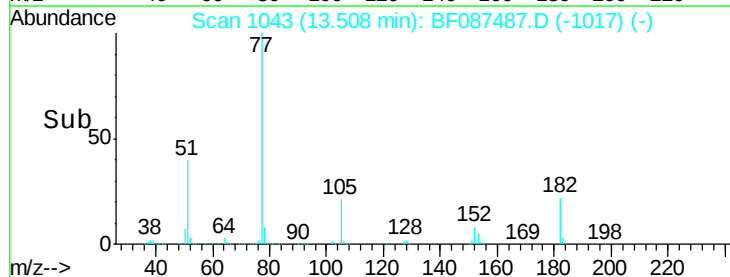
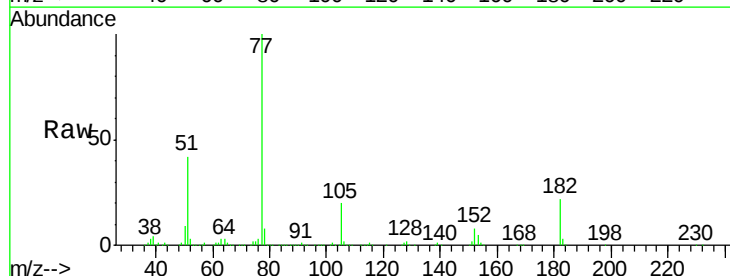
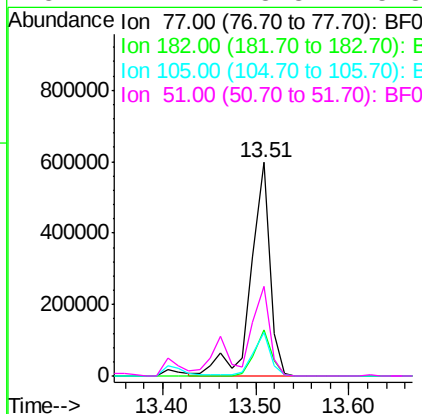
RT: 13.51 min Scan# 1043

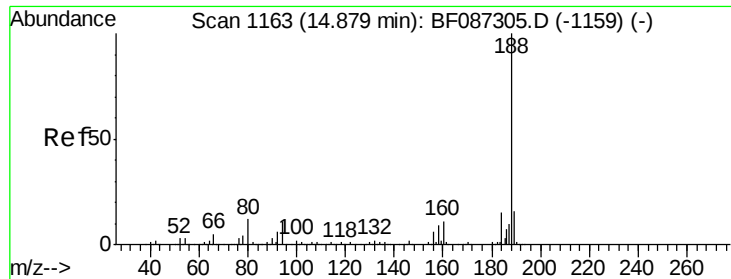
Delta R.T. 0.00 min

Lab File: BF087487.D

Acq: 28 May 2016 19:26

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.9	0.0	38.8
105	20.5	3.2	43.2
51	42.1	8.8	48.8





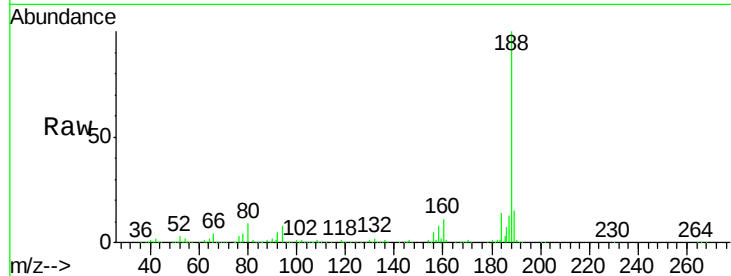
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF087487.D
Acq: 28 May 2016 19:26

Instrument :
BNA_F
ClientSampleId :
B-2MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.4	6.8	10.2
80	9.3	7.1	10.7

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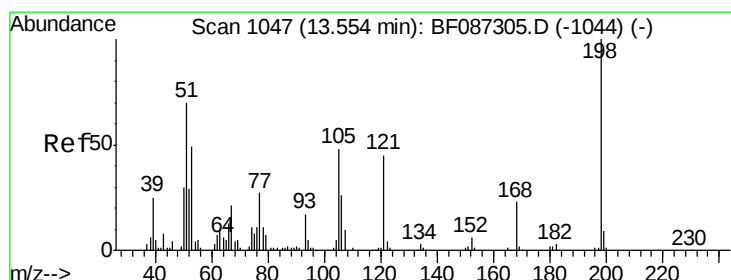
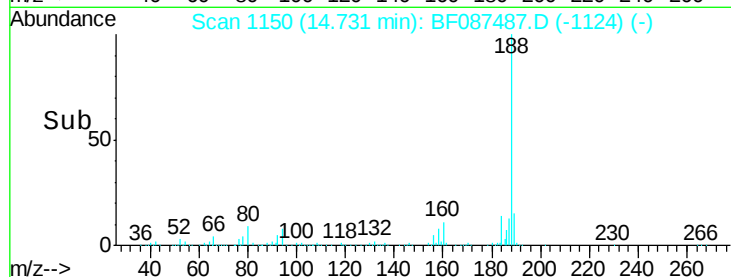
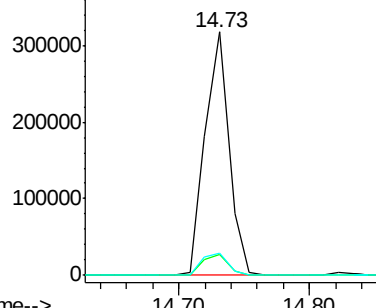
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Abundance Ion 188.00 (187.70 to 188.70): E

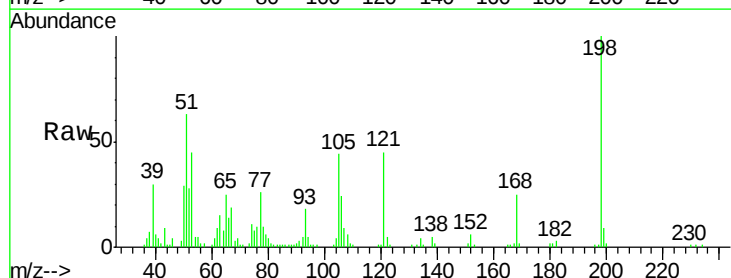
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
4,6-Dinitro-2-methylphenol
Concen: 38.26 ng
RT: 13.42 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF087487.D
Acq: 28 May 2016 19:26

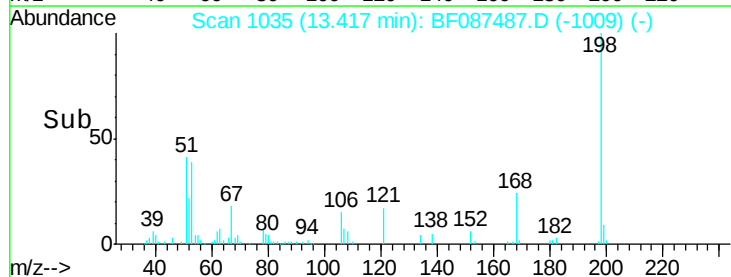
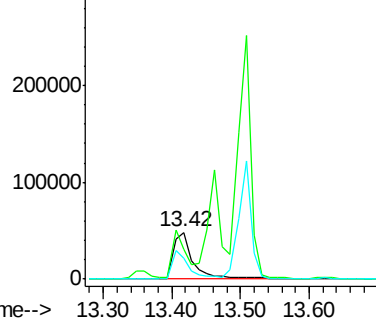
Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	62.8	20.5	60.5#
105	44.3	24.5	64.5

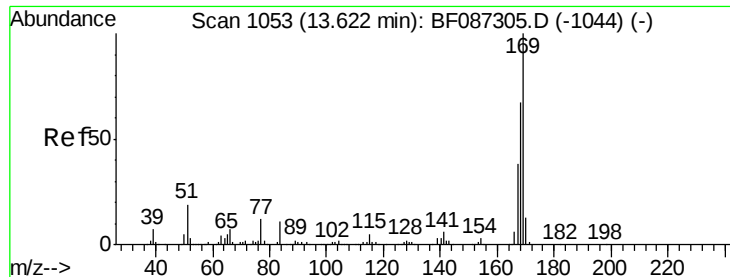


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





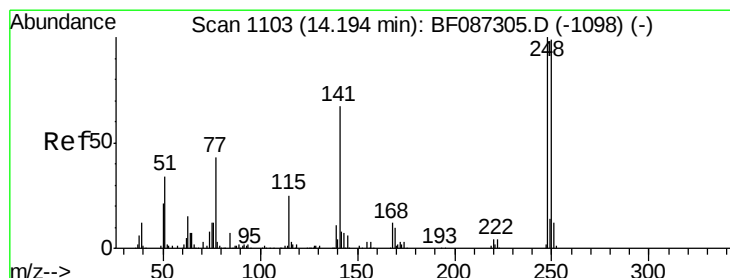
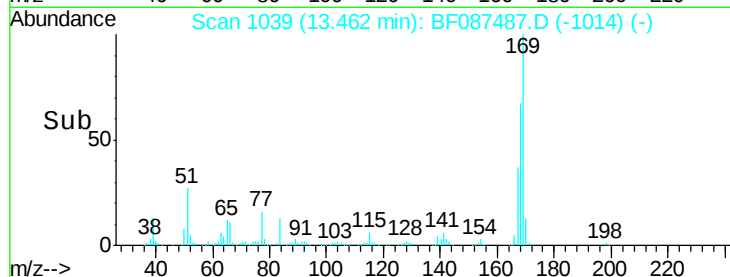
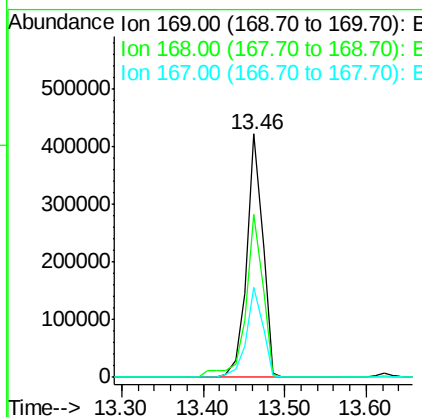
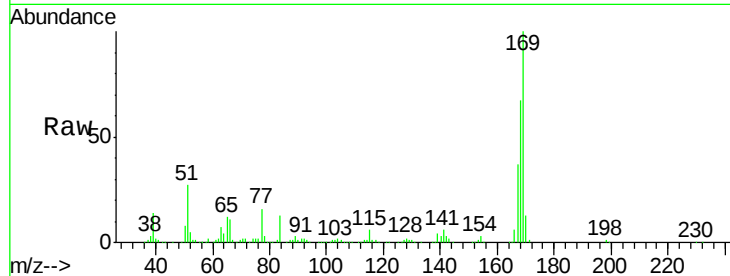
#65
 n-Nitrosodiphenylamine
 Concen: 43.85 ng
 RT: 13.46 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF087487.D
 Acq: 28 May 2016 19:26

Instrument :
 BNA_F
 ClientSampled :
 B-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	572155		
168	66.8	53.8	80.6	
167	37.2	29.5	44.3	

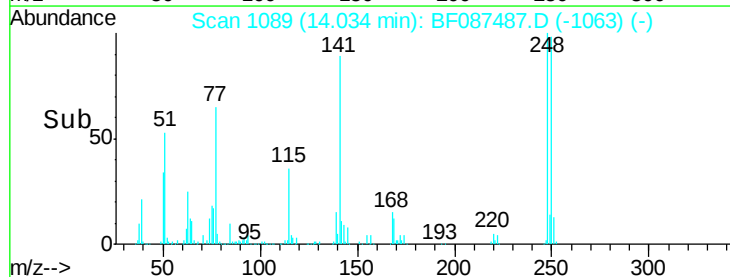
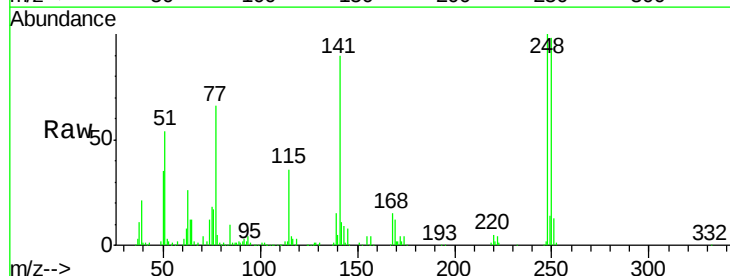
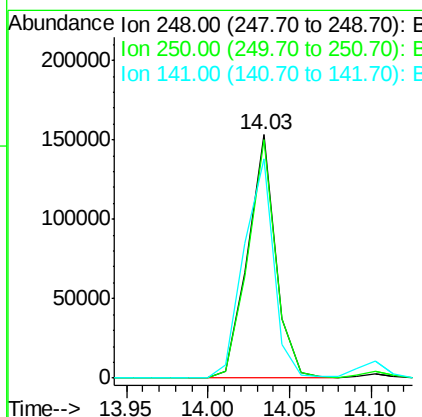
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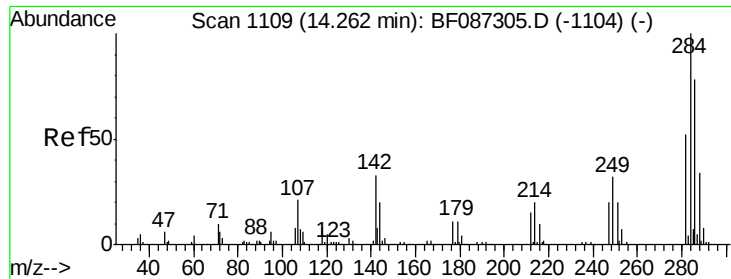
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#66
 4-Bromophenyl-phenylether
 Concen: 41.36 ng
 RT: 14.03 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF087487.D
 Acq: 28 May 2016 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	182561		
250	98.1	78.6	117.8	
141	89.8	76.0	114.0	





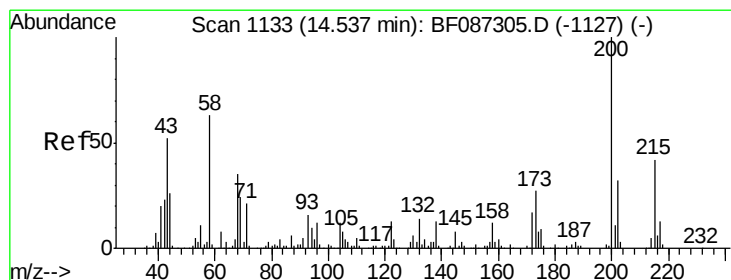
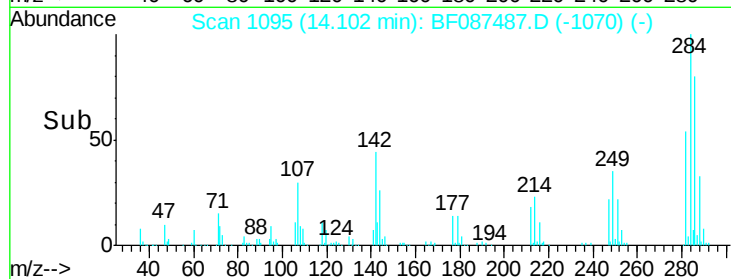
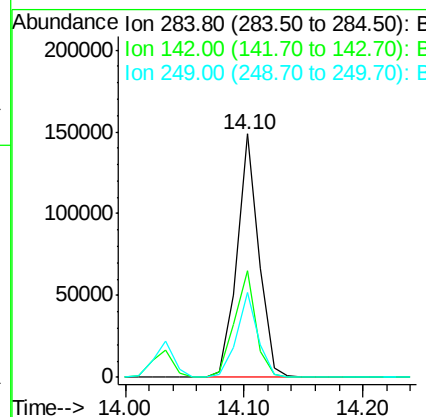
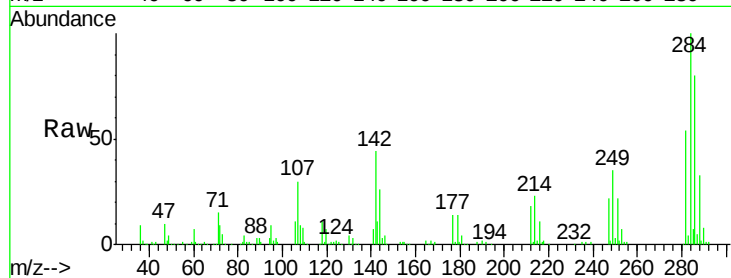
#67
Hexachlorobenzene
Concen: 41.22 ng
RT: 14.10 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BF087487.D
Acq: 28 May 2016 19:26

Instrument :
BNA_F
ClientSampled :
B-2MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	43.9	16.7	25.1#
249	34.8	21.3	31.9#

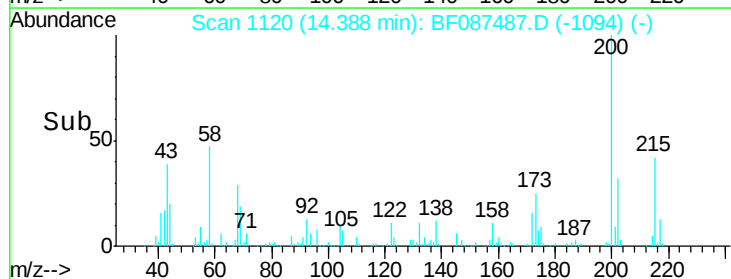
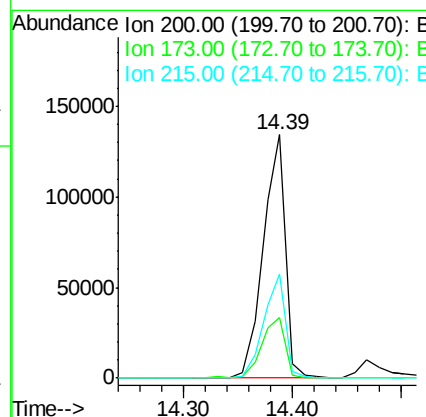
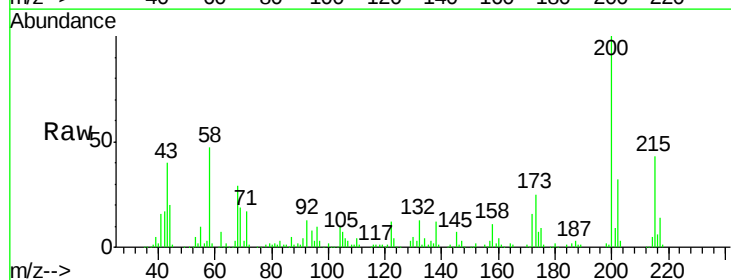
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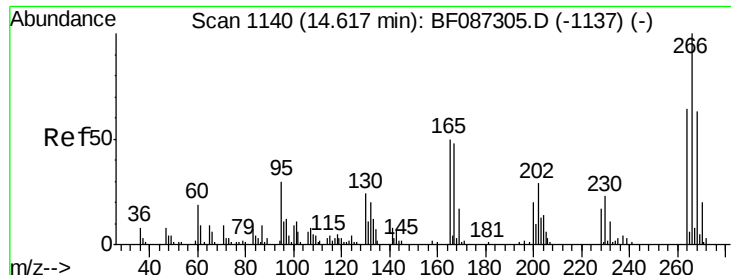
umangi
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#68
Atrazine
Concen: 45.79 ng
RT: 14.39 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BF087487.D
Acq: 28 May 2016 19:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.0	8.5	48.5
215	42.8	27.2	67.2





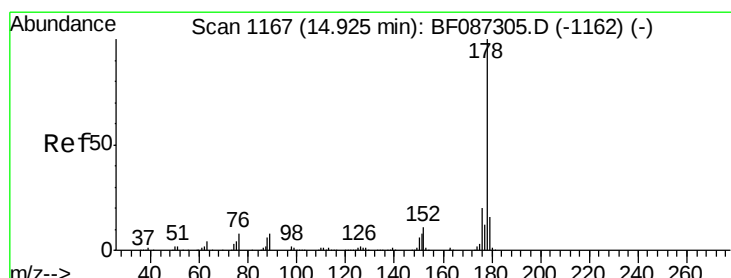
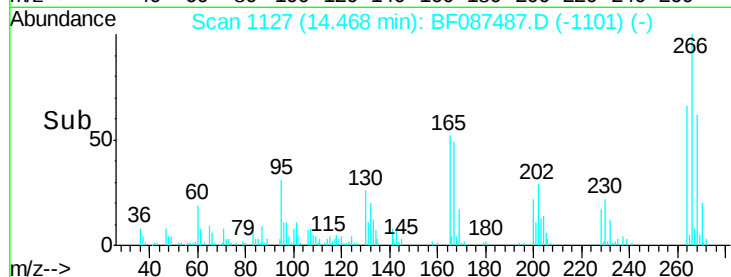
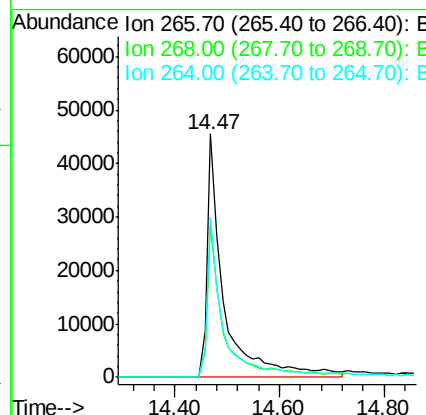
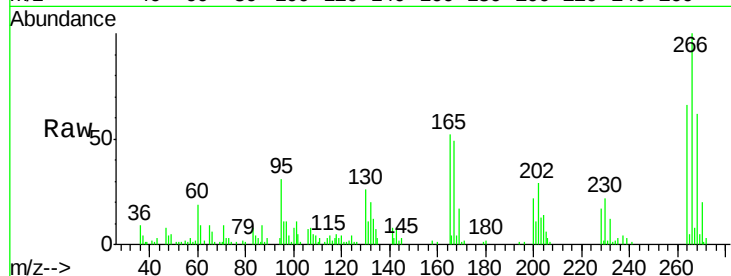
#69
 Pentachlorophenol
 Concen: 72.12 ng
 RT: 14.47 min Scan# 1127
 Delta R.T. 0.00 min
 Lab File: BF087487.D
 Acq: 28 May 2016 19:26

Instrument :
 BNA_F
 ClientSampleId :
 B-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	102518		
268	62.4	51.5	77.3	
264	65.8	52.9	79.3	

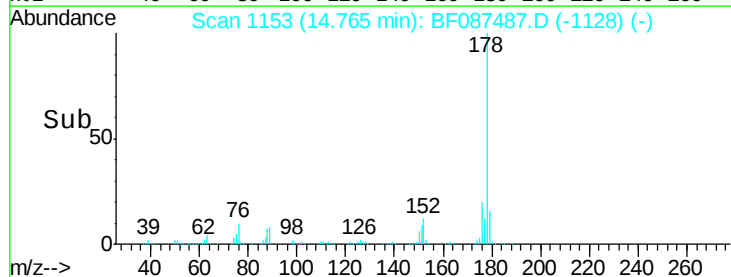
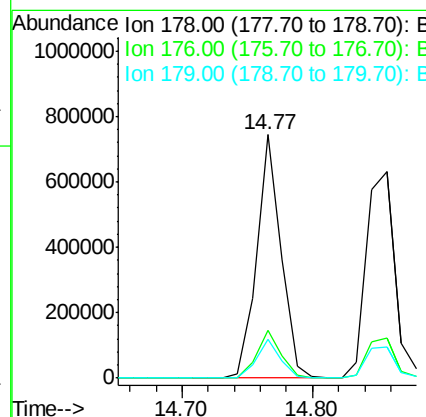
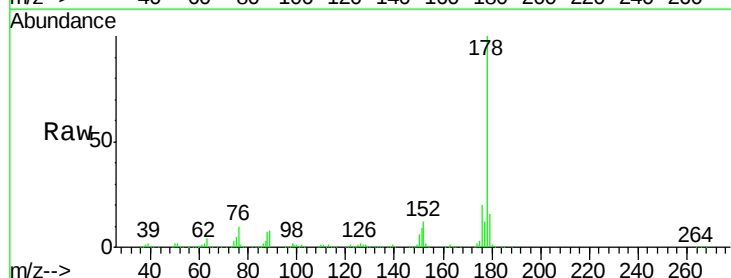
Manual Integrations
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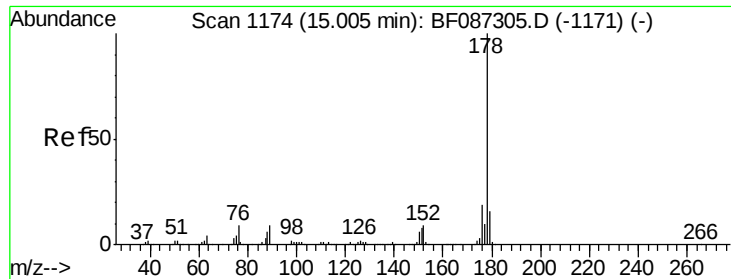
umangi
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#70
 Phenanthrene
 Concen: 43.31 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF087487.D
 Acq: 28 May 2016 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	967870		
176	19.8	16.0	24.0	
179	15.9	12.6	18.8	





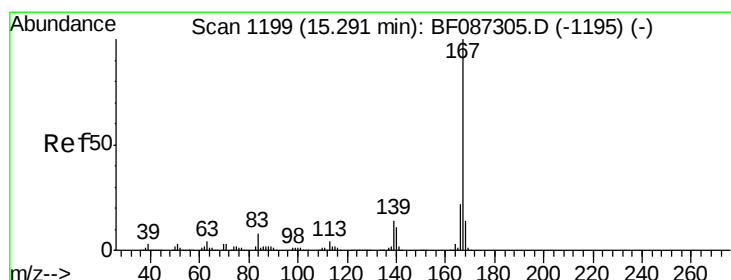
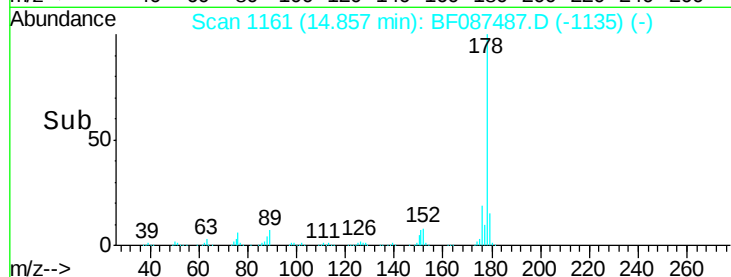
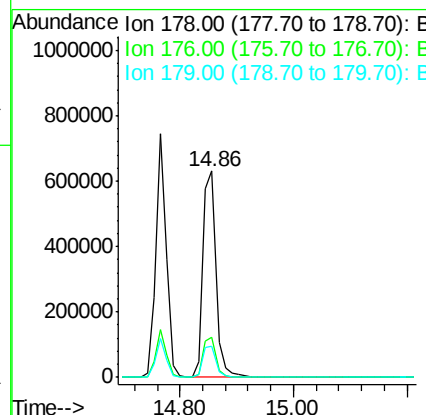
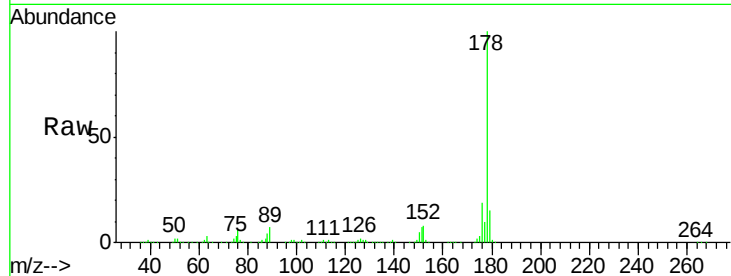
#71
 Anthracene
 Concen: 43.44 ng
 RT: 14.86 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF087487.D
 Acq: 28 May 2016 19:26

Instrument :
 BNA_F
 ClientSampleId :
 B-2MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.0	12.7	19.1

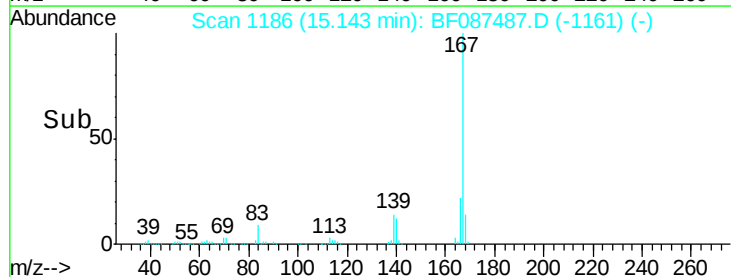
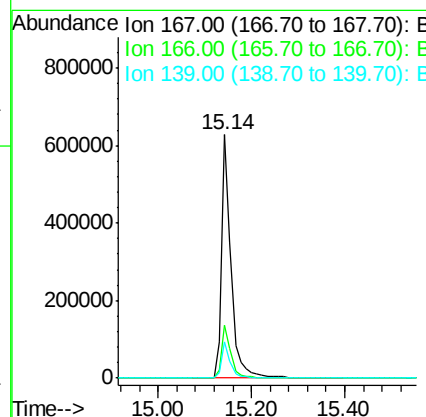
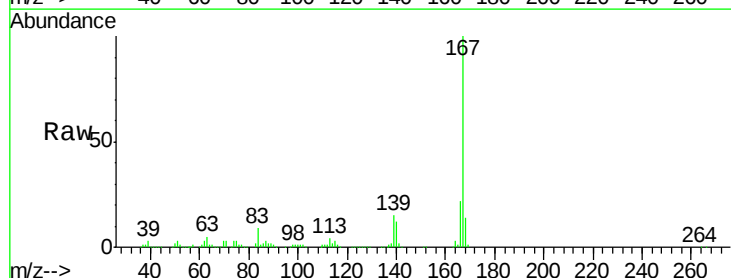
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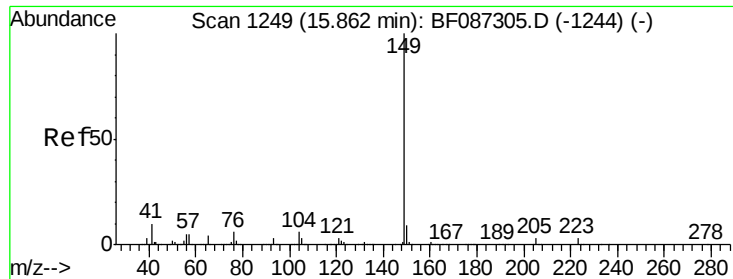
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#72
 Carbazole
 Concen: 45.64 ng
 RT: 15.14 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF087487.D
 Acq: 28 May 2016 19:26

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.7	26.5
139	14.9	10.8	16.2





#73

Di-n-butylphthalate

Concen: 43.82 ng

RT: 15.73 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BF087487.D

Acq: 28 May 2016 19:26

Instrument :

BNA_F

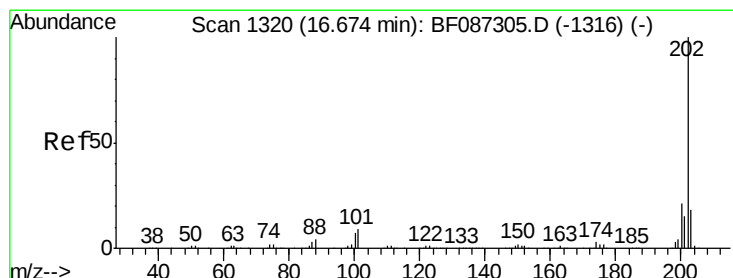
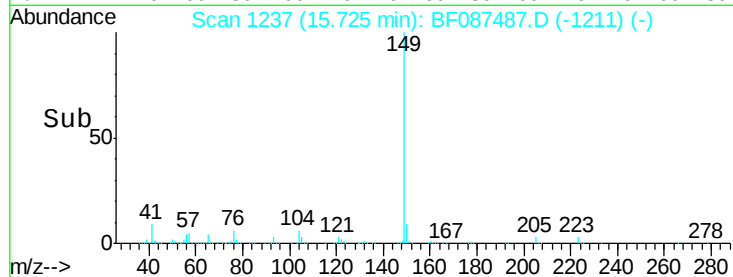
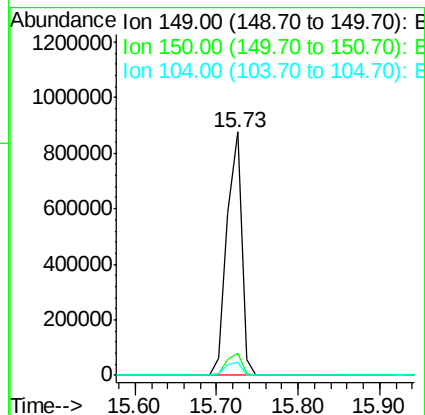
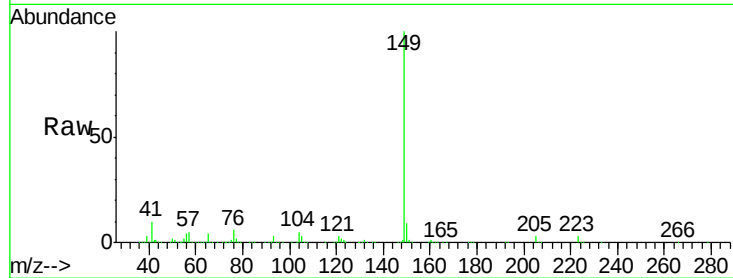
ClientSampleId :

B-2MSD

Tgt Ion:	149	Resp:	1091026
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.6	11.4
104	5.5	3.8	5.6

Manual Integrations
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#74

Fluoranthene

Concen: 44.31 ng

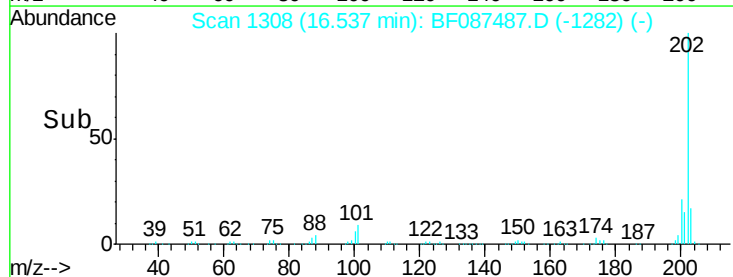
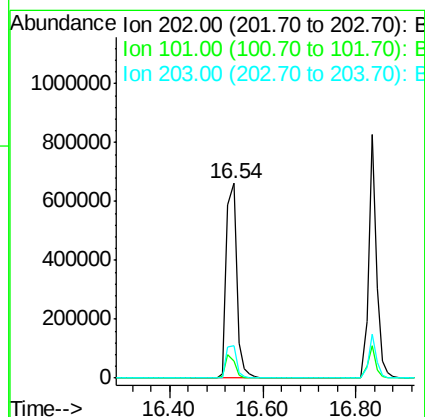
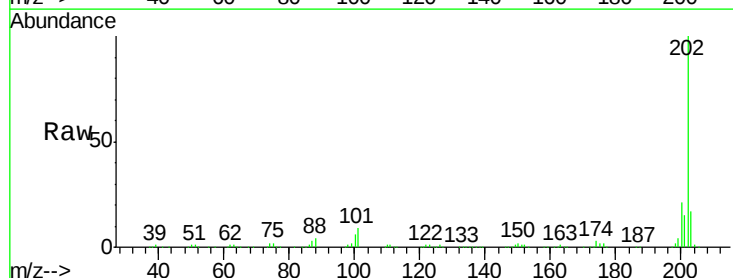
RT: 16.54 min Scan# 1308

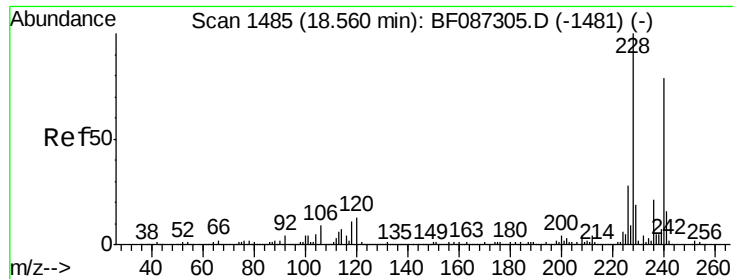
Delta R.T. 0.00 min

Lab File: BF087487.D

Acq: 28 May 2016 19:26

Tgt Ion:	202	Resp:	992838
Ion Ratio	Lower	Upper	
202	100		
101	8.7	0.0	35.4
203	17.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.43 min Scan# 1474

Delta R.T. 0.00 min

Lab File: BF087487.D

Acq: 28 May 2016 19:26

Instrument :

BNA_F

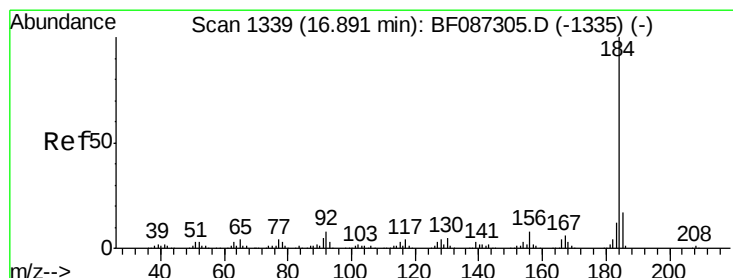
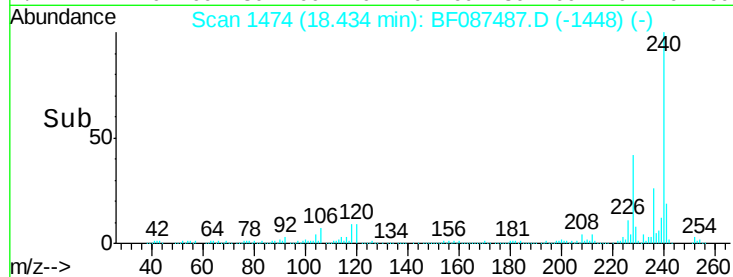
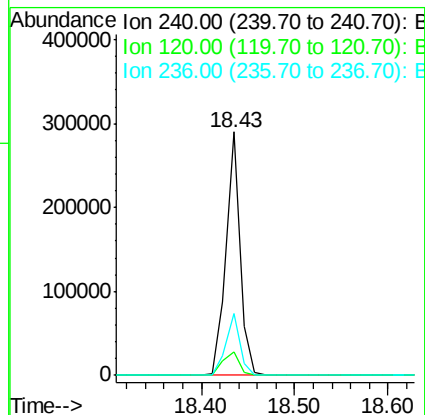
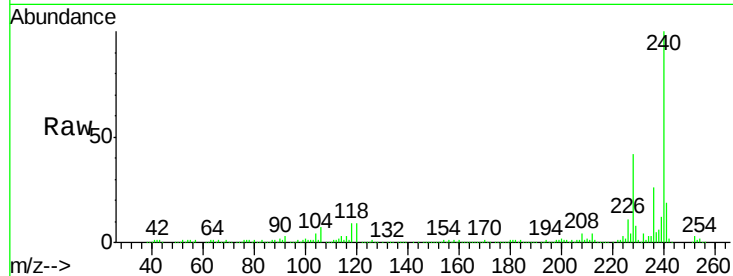
ClientSampleId :

B-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	305382		
120	9.4	11.2	16.8#	
236	25.7	21.2	31.8	

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#76

Benzidine

Concen: 34.14 ng

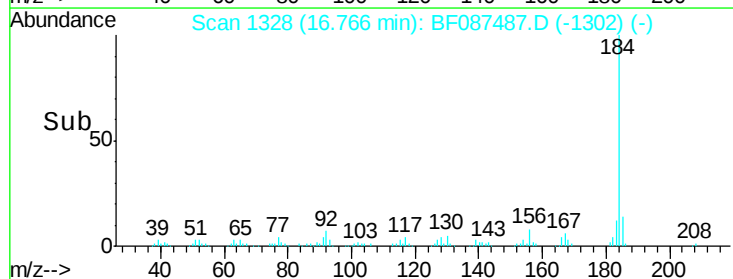
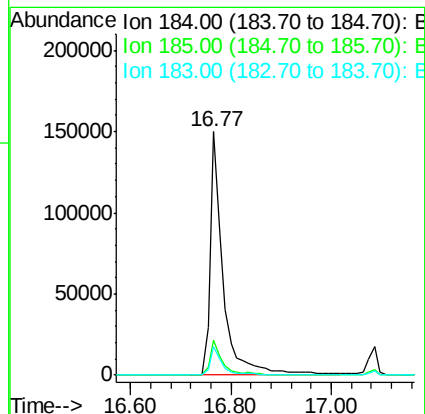
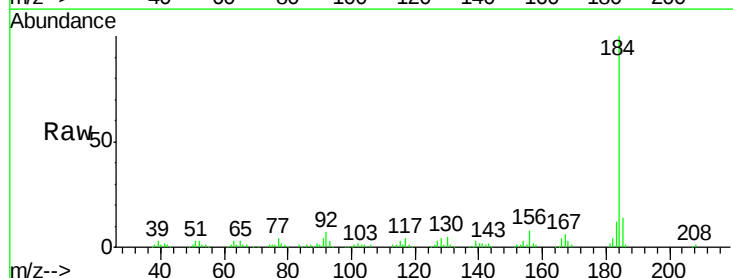
RT: 16.77 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF087487.D

Acq: 28 May 2016 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	268255		
185	14.3	13.6	20.4	
183	11.8	9.8	14.6	





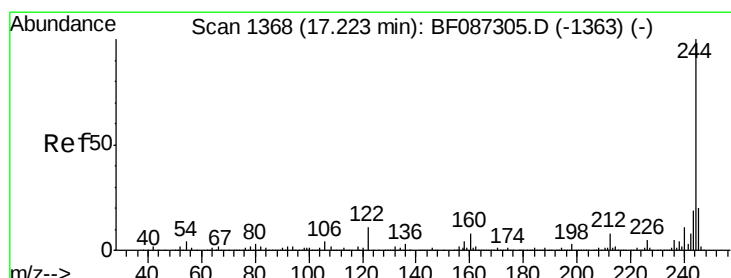
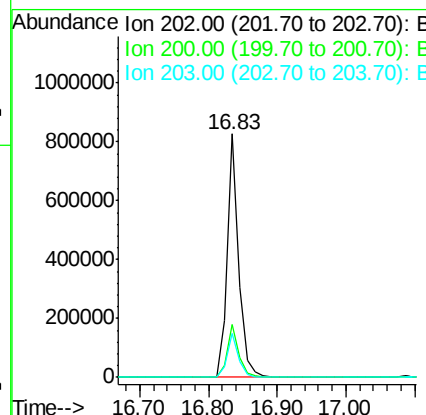
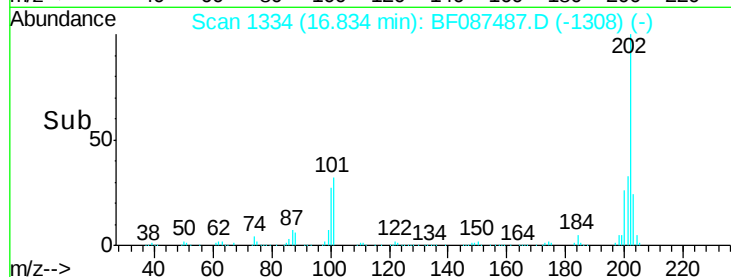
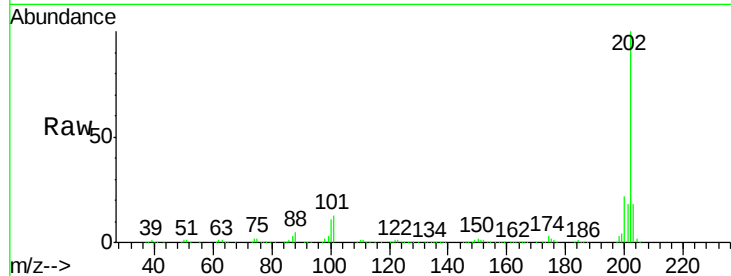
#77
 Pyrene
 Concen: 44.23 ng
 RT: 16.83 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF087487.D
 Acq: 28 May 2016 19:26

Instrument :
 BNA_F
 ClientSampled :
 B-2MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.9	17.7	26.5
203	18.3	14.2	21.4

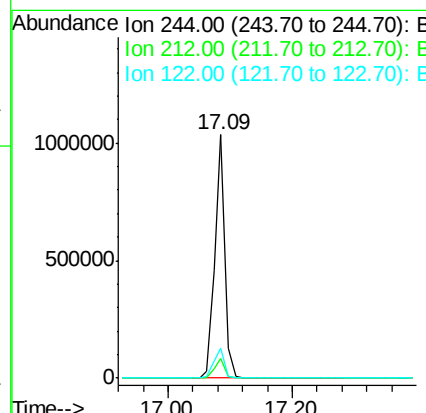
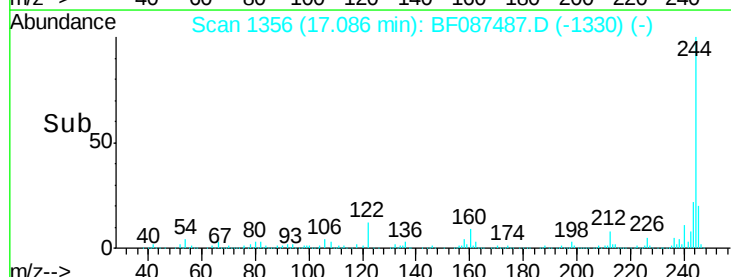
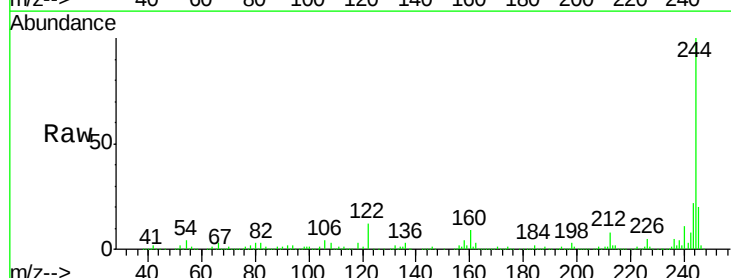
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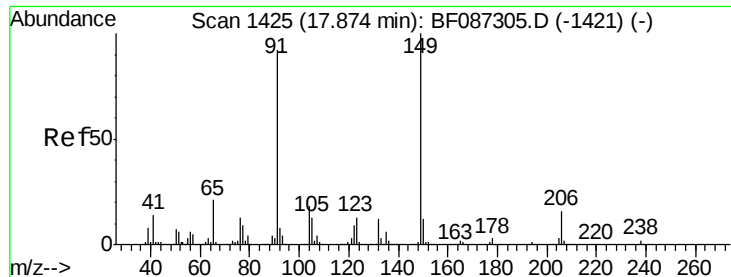
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#78
 Terphenyl-d14
 Concen: 80.13 ng
 RT: 17.09 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: BF087487.D
 Acq: 28 May 2016 19:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.9	6.2	9.2
122	12.2	12.0	18.0





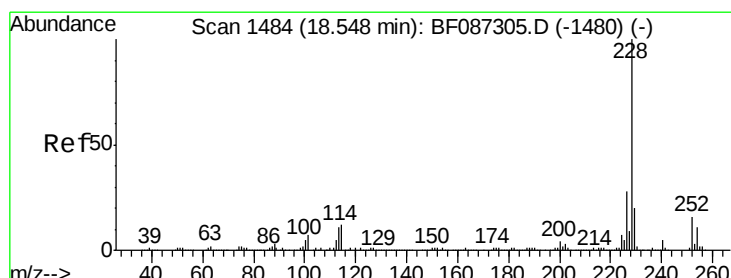
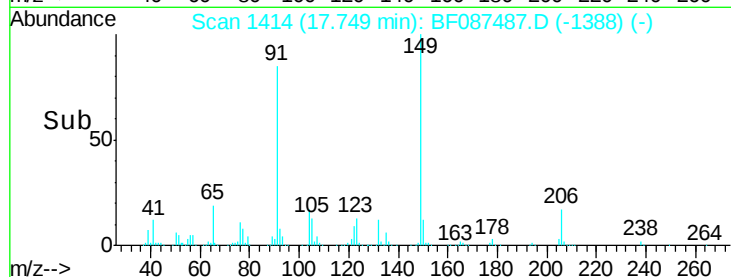
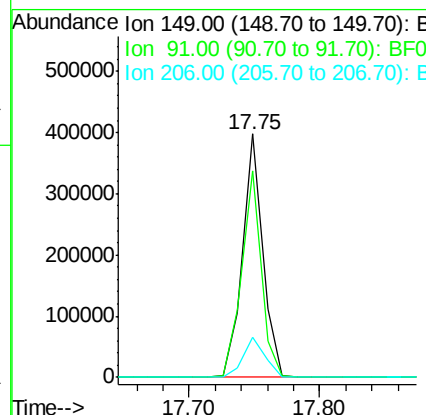
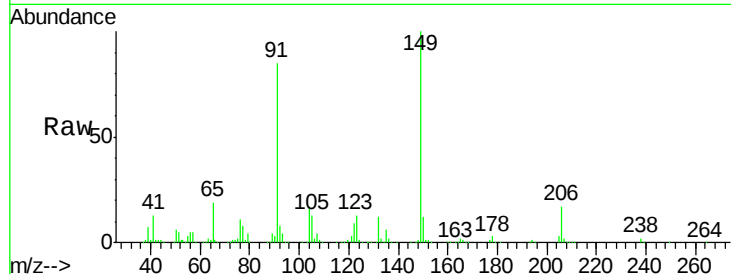
#79
Butylbenzylphthalate
Concen: 43.66 ng
RT: 17.75 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF087487.D
Acq: 28 May 2016 19:26

Instrument :
BNA_F
ClientSampleId :
B-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	425580		
91	84.9	48.0	72.0#	
206	16.6	15.8	23.6	

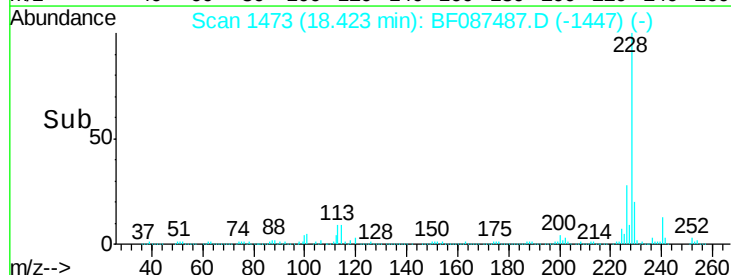
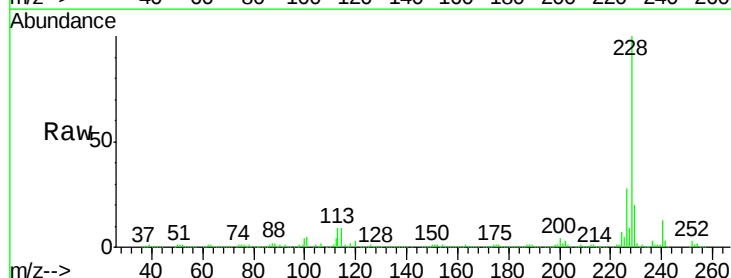
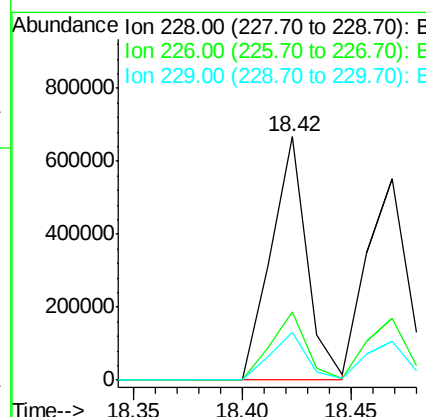
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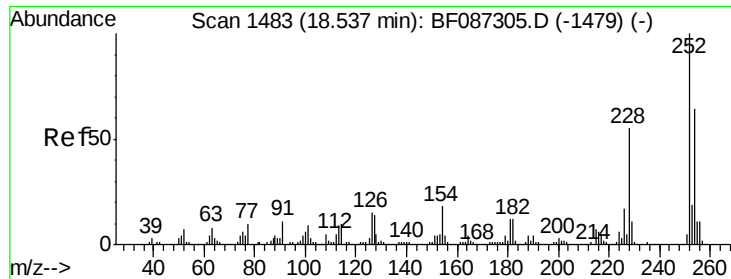
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#80
Benzo(a)anthracene
Concen: 44.27 ng
RT: 18.42 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BF087487.D
Acq: 28 May 2016 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	769015		
226	27.9	22.5	33.7	
229	19.6	16.6	25.0	





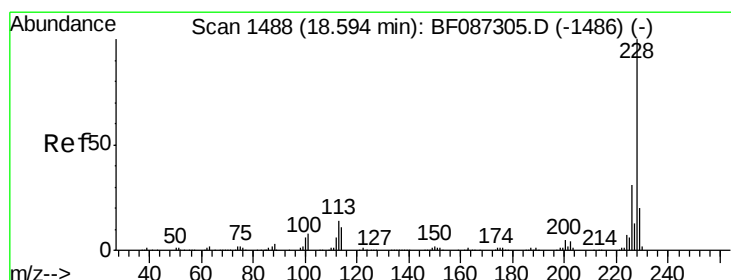
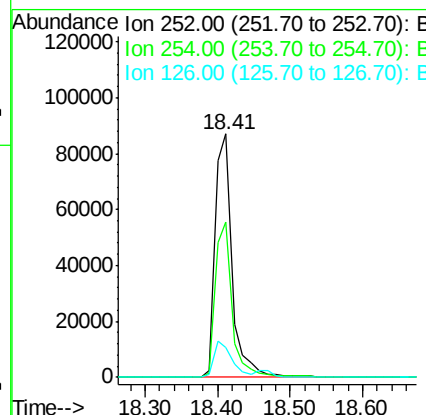
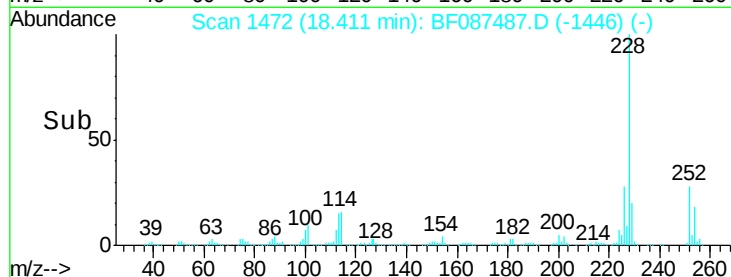
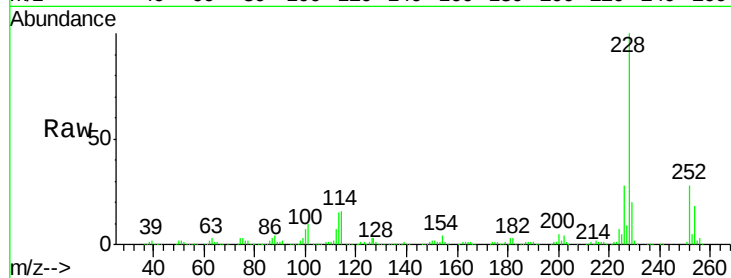
#81
 3,3'-Dichlorobenzidine
 Concen: 14.76 ng
 RT: 18.41 min Scan# 1472
 Delta R.T. 0.00 min
 Lab File: BF087487.D
 Acq: 28 May 2016 19:26

Instrument :
 BNA_F
 ClientSampleId :
 B-2MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.7	50.7	76.1
126	12.4	12.7	19.1

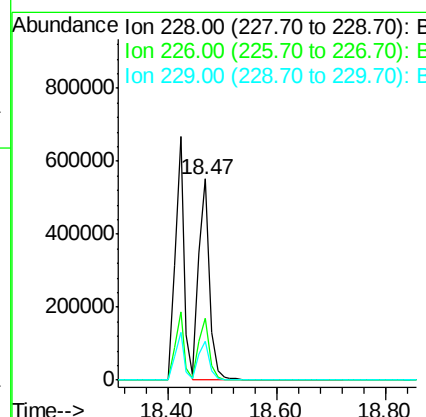
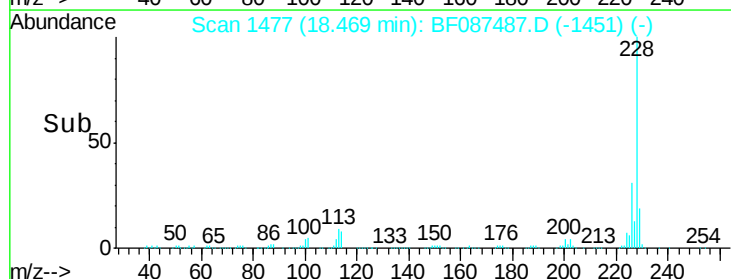
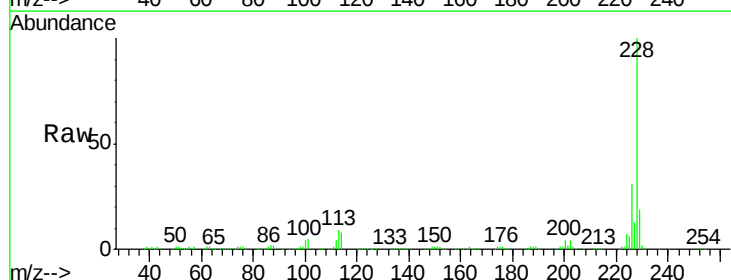
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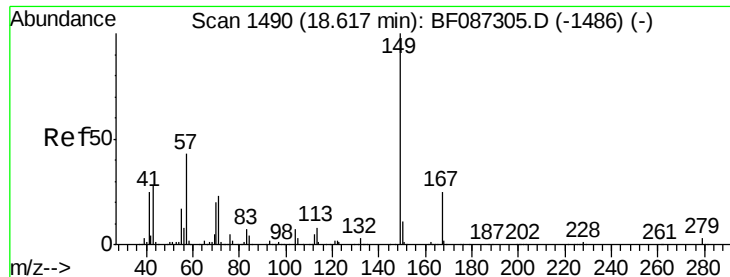
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#82
 Chrysene
 Concen: 43.19 ng
 RT: 18.47 min Scan# 1477
 Delta R.T. 0.00 min
 Lab File: BF087487.D
 Acq: 28 May 2016 19:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.6	24.4	36.6
229	19.4	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.48 ng

RT: 18.49 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BF087487.D

Acq: 28 May 2016 19:26

Instrument :

BNA_F

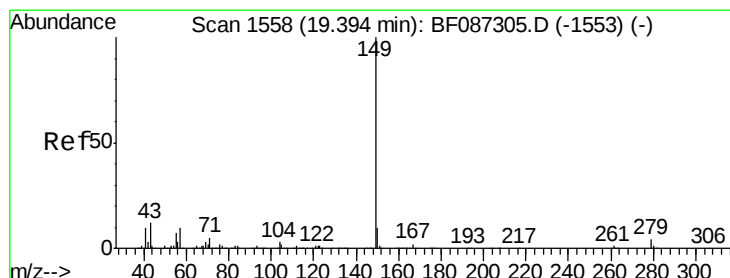
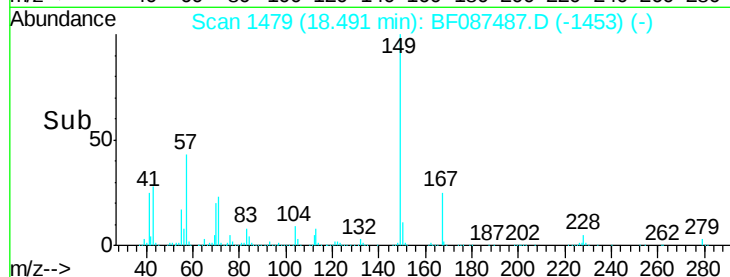
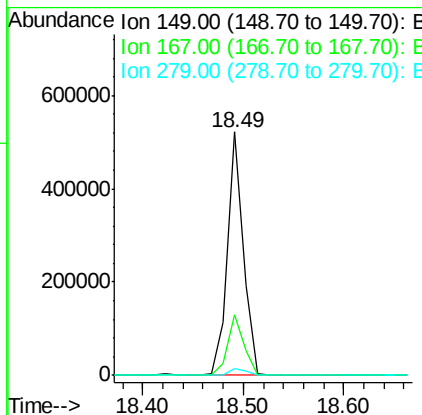
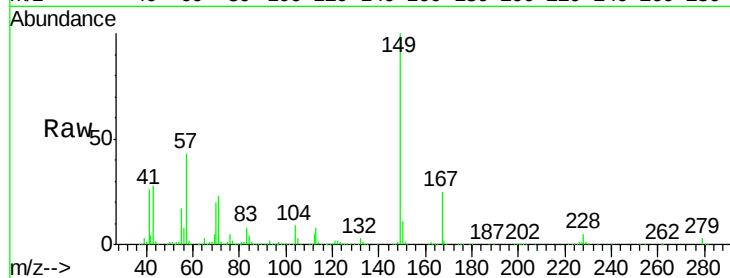
ClientSampleId :

B-2MSD

Tgt Ion:	149	Resp:	575784
Ion Ratio	Lower	Upper	
149	100		
167	24.9	21.8	32.6
279	2.6	2.6	4.0#

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#84

Di-n-octyl phthalate

Concen: 40.10 ng

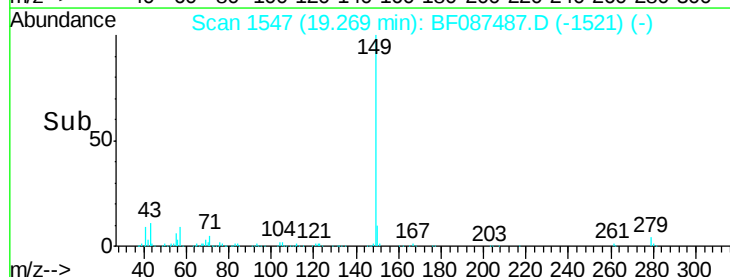
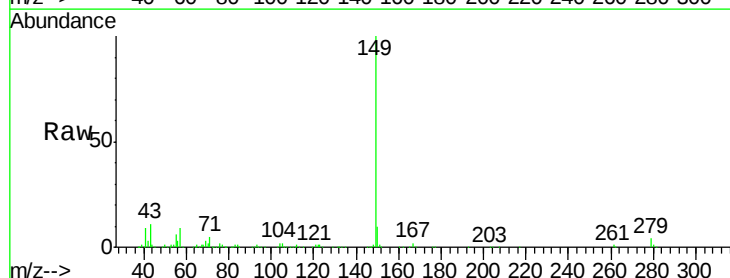
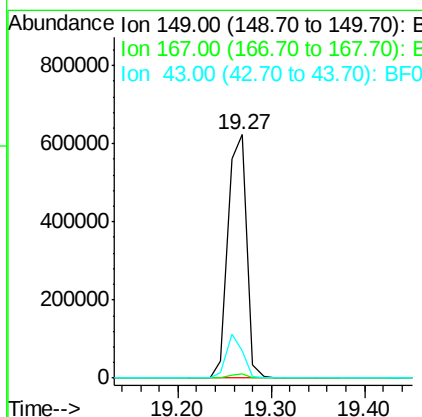
RT: 19.27 min Scan# 1547

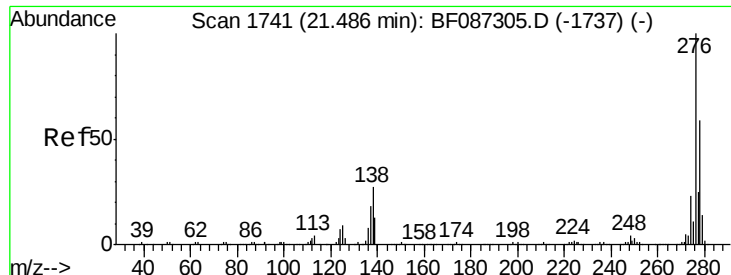
Delta R.T. 0.00 min

Lab File: BF087487.D

Acq: 28 May 2016 19:26

Tgt Ion:	149	Resp:	869772
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	15.7	8.2	12.4#





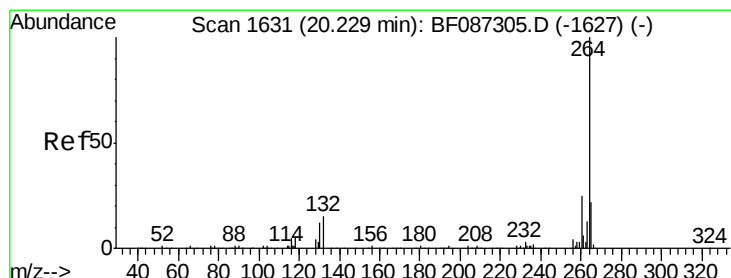
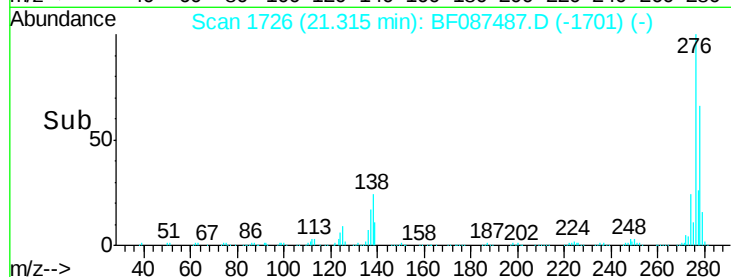
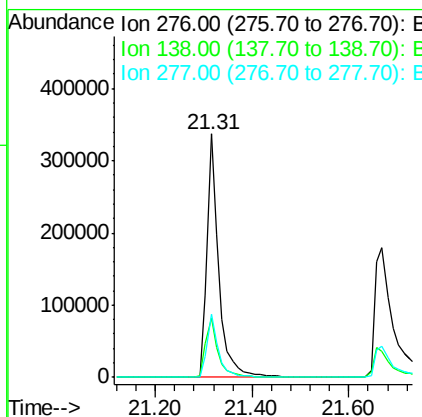
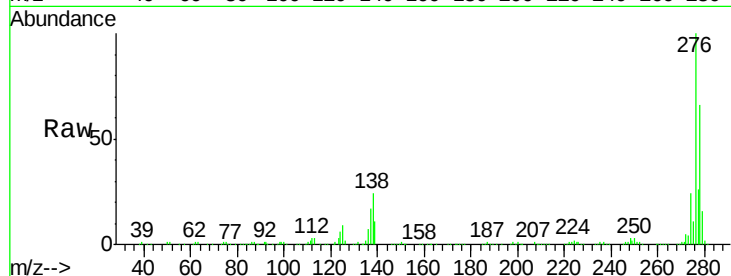
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.75 ng
 RT: 21.31 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BF087487.D
 Acq: 28 May 2016 19:26

Instrument :
 BNA_F
 ClientSampleId :
 B-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	577022		
138	25.8	25.6	38.4	
277	25.4	20.5	30.7	

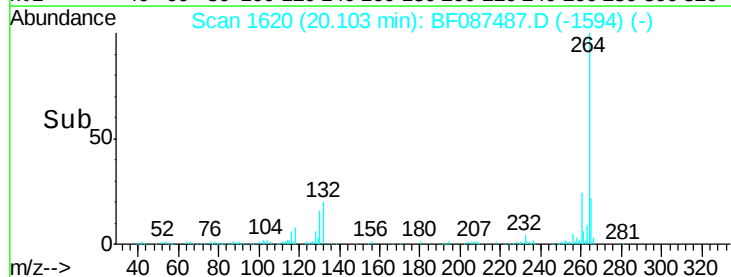
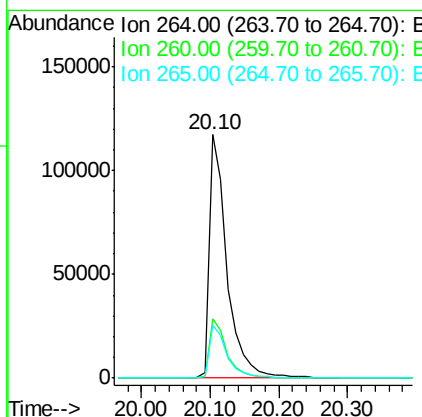
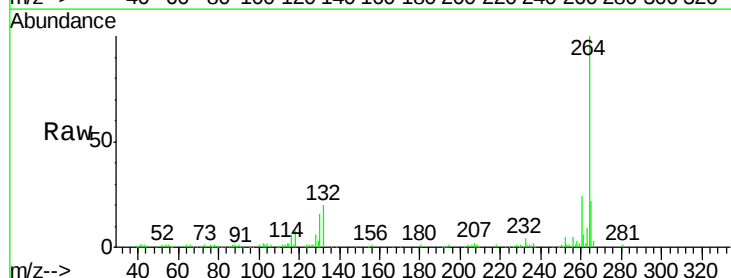
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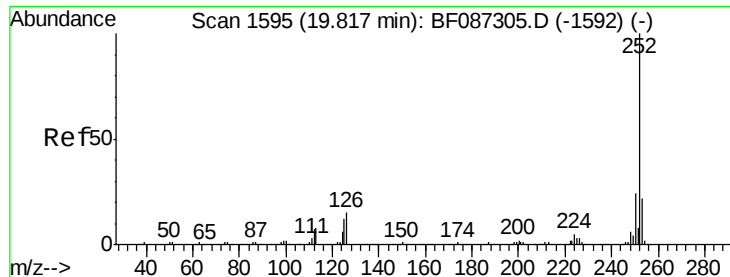
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.10 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BF087487.D
 Acq: 28 May 2016 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	212455		
260	24.5	19.5	29.3	
265	21.9	17.3	25.9	





#87

Benzo(b)fluoranthene

Concen: 48.12 ng

RT: 19.69 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF087487.D

Acq: 28 May 2016 19:26

Instrument :

BNA_F

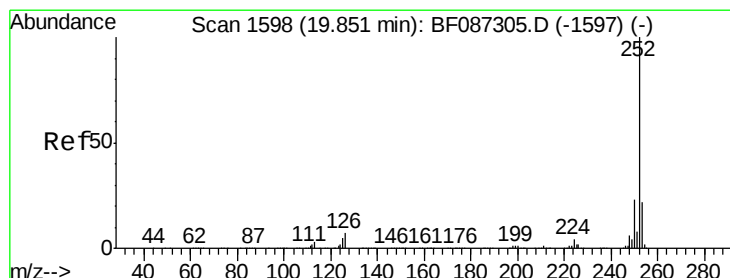
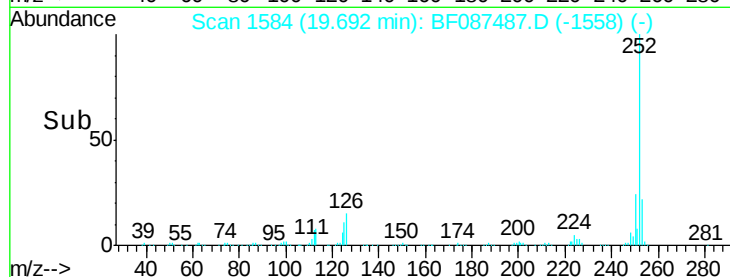
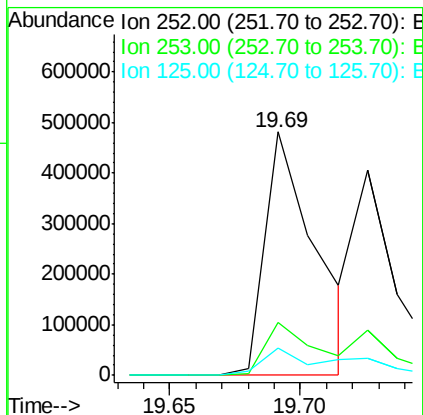
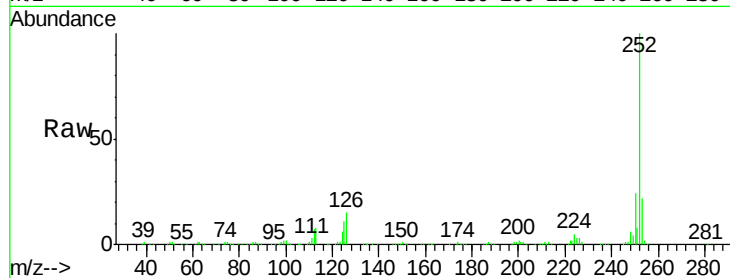
ClientSampleId :

B-2MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.6
125	11.2	11.4	17.0

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#88

Benzo(k)fluoranthene

Concen: 41.10 ng m

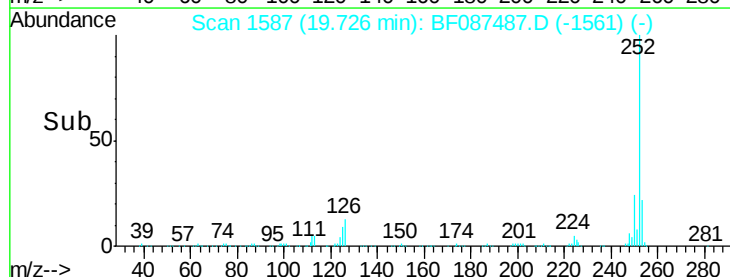
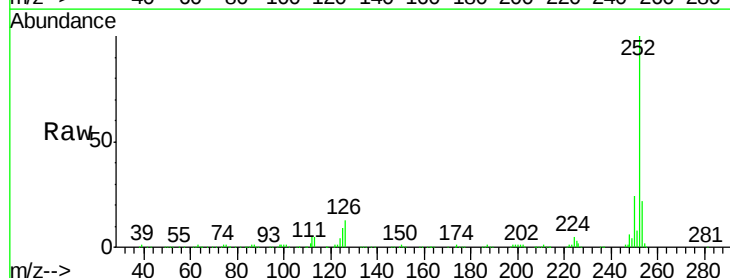
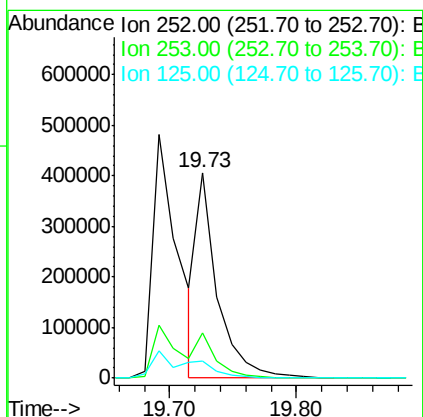
RT: 19.73 min Scan# 1587

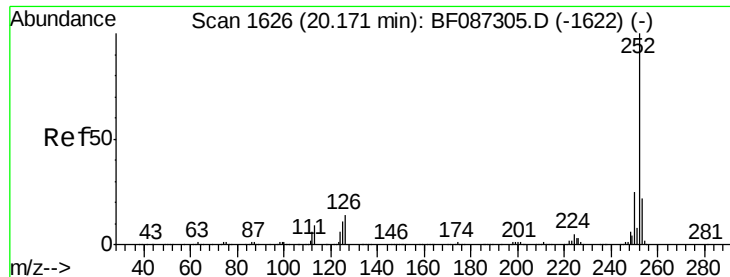
Delta R.T. 0.00 min

Lab File: BF087487.D

Acq: 28 May 2016 19:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	8.6	9.1	13.7





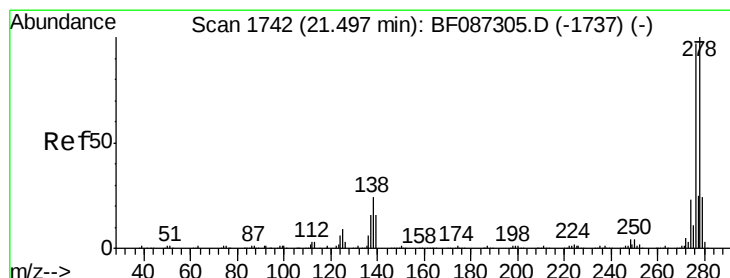
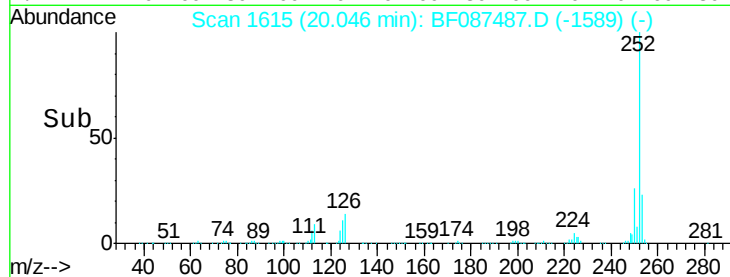
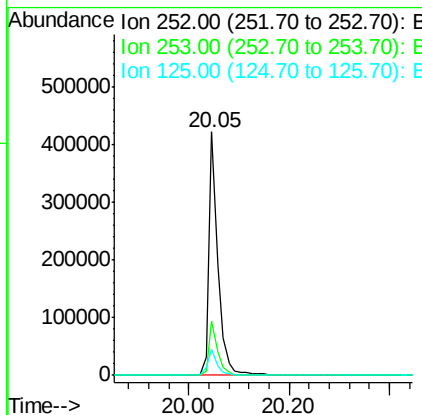
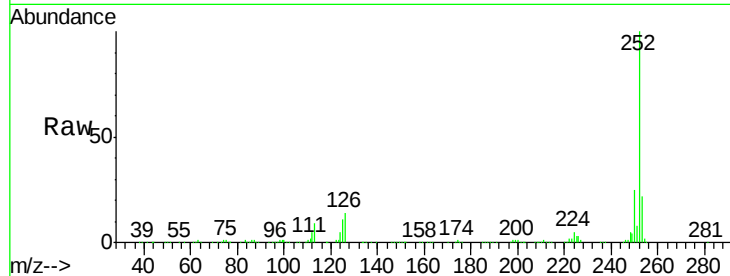
#89
Benzo(a)pyrene
Concen: 44.51 ng
RT: 20.05 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF087487.D
Acq: 28 May 2016 19:26

Instrument :
BNA_F
ClientSampleId :
B-2MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	10.6	9.0	13.6

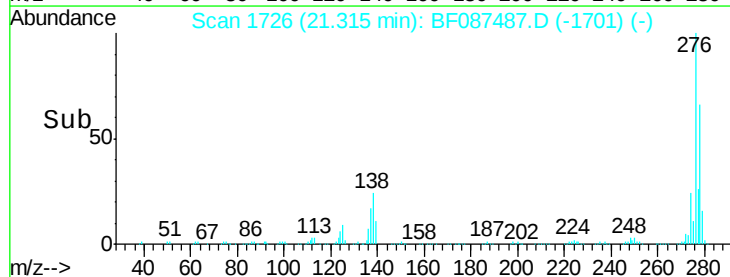
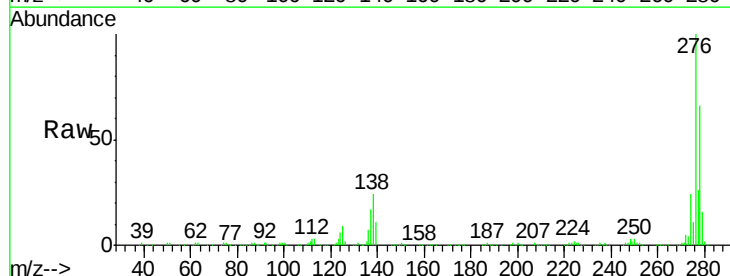
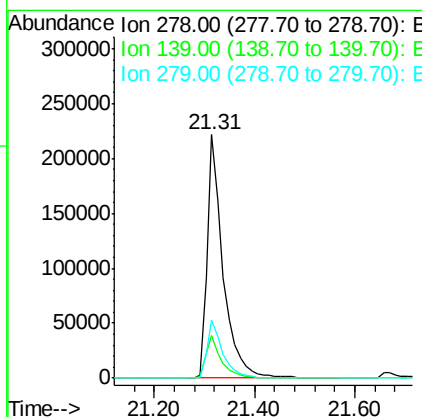
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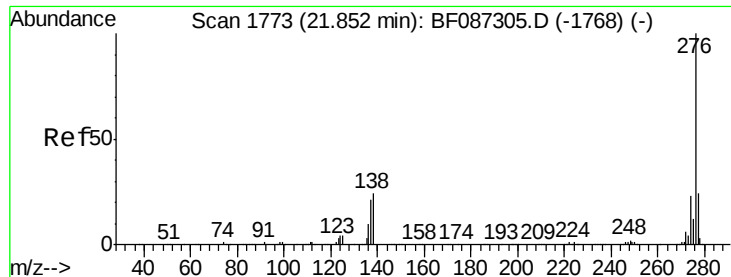
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#90
Dibenzo(a,h)anthracene
Concen: 48.71 ng
RT: 21.31 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BF087487.D
Acq: 28 May 2016 19:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	16.6	24.8
279	24.1	19.6	29.4





#91

Benzo(g,h,i)perylene

Concen: 49.34 ng

RT: 21.67 min Scan# 1757

Delta R.T. 0.00 min

Lab File: BF087487.D

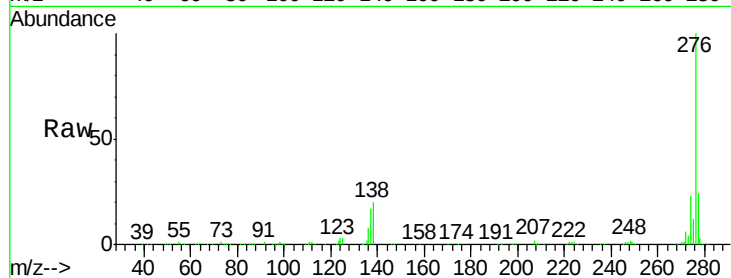
Acq: 28 May 2016 19:26

Instrument :

BNA_F

ClientSampleId :

B-2MSD



Tgt Ion	Ratio	Resp	Lower	Upper
276	100	486020		
277	23.7	19.6	29.4	
138	20.4	23.6	35.4	

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