

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
 Data File : BF087423.D
 Acq On : 26 May 2016 23:34
 Operator : UM/SJ
 Sample : PB90911BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90911BSD

Manual Integrations
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Quant Time: May 27 02:30:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	100293	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	400663	20.00	ng	-0.02
38) Acenaphthene-d10	12.37	164	191280	20.00	ng	-0.02
63) Phenanthrene-d10	14.77	188	371578	20.00	ng	-0.01
75) Chrysene-d12	18.46	240	290552	20.00	ng	-0.02
86) Perylene-d12	20.13	264	217486	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	491247	86.07	ng	0.01
7) Phenol-d6	7.06	99	631178	81.84	ng	-0.01
23) Nitrobenzene-d5	8.42	82	626883	78.85	ng	-0.02
41) 2,4,6-Tribromophenol	13.66	330	146607	79.76	ng	-0.02
44) 2-Fluorobiphenyl	11.31	172	1060211	78.14	ng	-0.02
78) Terphenyl-d14	17.12	244	1074348	78.61	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.91	88	97870	32.50	ng	# 69
3) Pyridine	2.49	79	229732	34.89	ng	# 65
4) n-Nitrosodimethylamine	2.46	42	212750	41.94	ng	# 42
6) Aniline	7.02	93	217745	21.82	ng	91
8) 2-Chlorophenol	7.19	128	292577	41.10	ng	91
9) Benzaldehyde	6.84	77	36207	8.50	ng	92
10) Phenol	7.07	94	369460	43.87	ng	75
11) bis(2-Chloroethyl)ether	7.14	93	281535	41.30	ng	85
12) 1,3-Dichlorobenzene	7.40	146	305881	39.40	ng	# 95
13) 1,4-Dichlorobenzene	7.53	146	312205m	39.17	ng	
14) 1,2-Dichlorobenzene	7.76	146	295118	40.03	ng	96
15) Benzyl Alcohol	7.80	79	244495	43.48	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.00	45	560500	36.54	ng	86
17) 2-Methylphenol	8.02	107	235008	41.20	ng	# 88
18) Hexachloroethane	8.28	117	117869	39.64	ng	# 86
19) n-Nitroso-di-n-propylamine	8.23	70	236243	41.07	ng	# 72
20) 3+4-Methylphenols	8.28	107	302519	43.87	ng	# 60
22) Acetophenone	8.19	105	419933	43.87	ng	# 97
24) Nitrobenzene	8.44	77	343554	40.94	ng	95
25) Isophorone	8.84	82	585650	41.08	ng	99
26) 2-Nitrophenol	8.96	139	149724	43.65	ng	# 76
27) 2,4-Dimethylphenol	9.11	122	265781	44.63	ng	88
28) bis(2-Chloroethoxy)methane	9.23	93	348547	43.40	ng	99
29) 2,4-Dichlorophenol	9.38	162	239867	44.70	ng	98
30) 1,2,4-Trichlorobenzene	9.46	180	249254	40.57	ng	97
31) Naphthalene	9.56	128	835478	41.61	ng	99
32) Benzoic acid	9.42	122	118613	39.81	ng	# 78
33) 4-Chloroaniline	9.74	127	79551	10.76	ng	# 90
34) Hexachlorobutadiene	9.78	225	147697	39.55	ng	97
35) Caprolactam	10.33	113	73215m	46.74	ng	
36) 4-Chloro-3-methylphenol	10.59	107	278496	45.90	ng	94
37) 2-Methylnaphthalene	10.70	142	537756	42.87	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	10.97	216	236961	38.70	ng	98
40) Hexachlorocyclopentadiene	10.95	237	166112	67.59	ng	95

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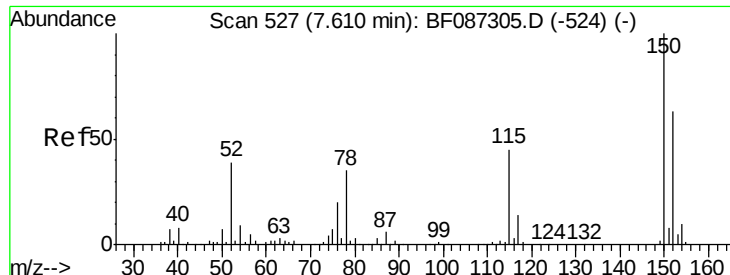
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.20	196	142796	40.40	nq	95
43) 2,4,5-Trichlorophenol	11.29	196	145790	40.51	nq	# 91
45) 1,1'-Biphenyl	11.46	154	670899	41.66	nq	97
46) 2-Chloronaphthalene	11.48	162	501911	40.74	nq	97
47) 2-Nitroaniline	11.70	65	203218	45.78	nq	# 81
48) Acenaphthylene	12.14	152	812280	41.64	nq	99
49) Dimethylphthalate	12.02	163	622760	40.64	nq	99
50) 2,6-Dinitrotoluene	12.11	165	131417	42.56	nq	# 81
51) Acenaphthene	12.42	154	501816	41.86	nq	98
52) 3-Nitroaniline	12.39	138	64093	20.23	nq	89
53) 2,4-Dinitrophenol	12.58	184	112766	72.07	nq	# 83
54) Dibenzofuran	12.71	168	736575	45.38	nq	96
55) 4-Nitrophenol	12.78	139	118206	78.20	nq	# 42
56) 2,4-Dinitrotoluene	12.78	165	186375	45.16	nq	# 90
57) Fluorene	13.26	166	584681	41.54	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.95	232	126133	45.56	nq	97
59) Diethylphthalate	13.17	149	605837	40.67	nq	99
60) 4-Chlorophenyl-phenylether	13.29	204	274511	39.99	nq	90
61) 4-Nitroaniline	13.38	138	122976	41.58	nq	# 60
62) Azobenzene	13.54	77	725085	46.92	nq	85
64) 4,6-Dinitro-2-methylphenol	13.44	198	92732	39.25	nq	# 66
65) n-Nitrosodiphenylamine	13.50	169	505575	42.07	nq	99
66) 4-Bromophenyl-phenylether	14.07	248	158493	38.99	nq	95
67) Hexachlorobenzene	14.14	284	168832	39.71	nq	# 64
68) Atrazine	14.42	200	160641	41.94	nq	93
69) Pentachlorophenol	14.50	266	88139	67.73	nq	97
70) Phenanthrene	14.80	178	882832	42.89	nq	99
71) Anthracene	14.89	178	901452	43.35	nq	99
72) Carbazole	15.18	167	796177	44.90	nq	98
73) Di-n-butylphthalate	15.76	149	939258	40.96	nq	# 99
74) Fluoranthene	16.56	202	888407	43.04	nq	98
76) Benzidine	16.80	184	210930	28.21	nq	96
77) Pyrene	16.87	202	903527	43.20	nq	99
79) Butylbenzylphthalate	17.78	149	383740	41.37	nq	# 74
80) Benzo(a)anthracene	18.45	228	714280	43.22	nq	98
81) 3,3'-Dichlorobenzidine	18.43	252	105152	11.52	nq	99
82) Chrysene	18.49	228	712129	43.42	nq	100
83) Bis(2-ethylhexyl)phthalate	18.53	149	496956	36.72	nq	# 95
84) Di-n-octyl phthalate	19.30	149	753004	36.48	nq	# 87
85) Indeno(1,2,3-cd)pyrene	21.35	276	531529	40.42	nq	94
87) Benzo(b)fluoranthene	19.73	252	581538	41.98	nq	# 94
88) Benzo(k)fluoranthene	19.75	252	555954m	46.62	nq	
89) Benzo(a)pyrene	20.07	252	533794	44.55	nq	97
90) Dibenzo(a,h)anthracene	21.36	278	443093	43.36	nq	# 92
91) Benzo(g,h,i)perylene	21.70	276	446354	44.27	nq	# 89

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



#1

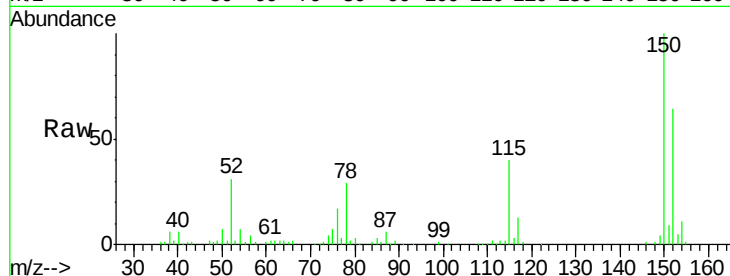
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.51 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Instrument :
BNA_F
ClientSampleId :
PB90911BSD

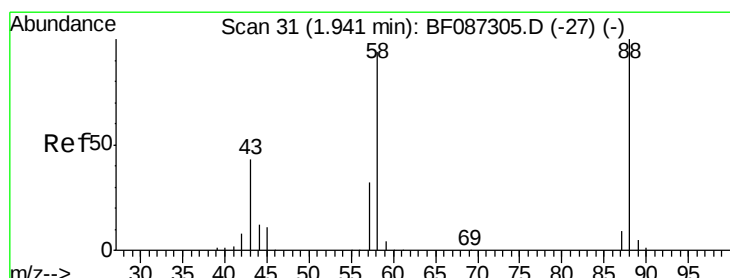
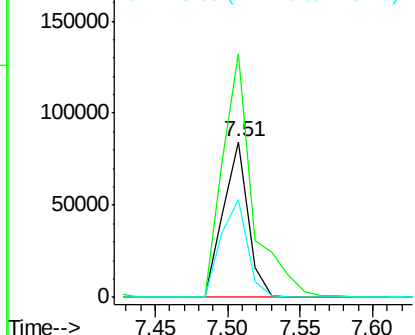
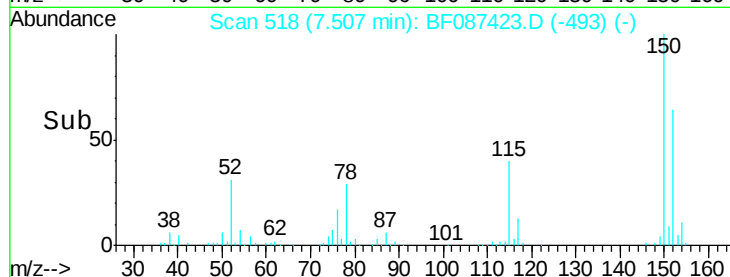
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	125.8	188.6
115	63.1	51.5	77.3

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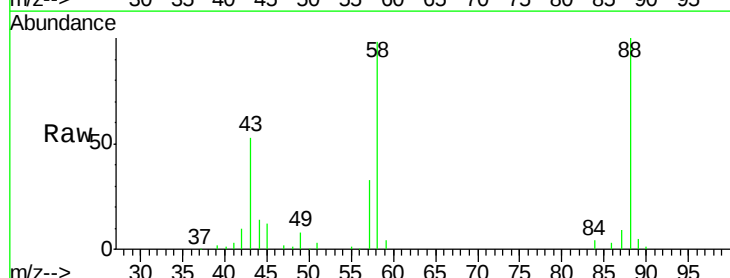
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Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



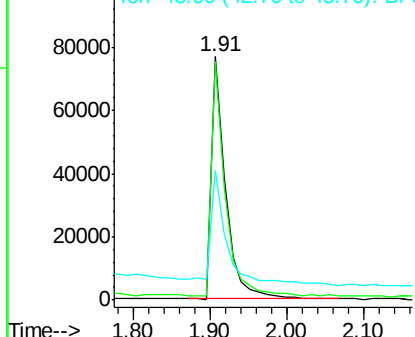
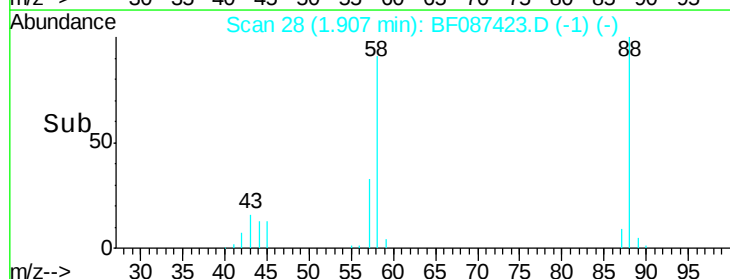
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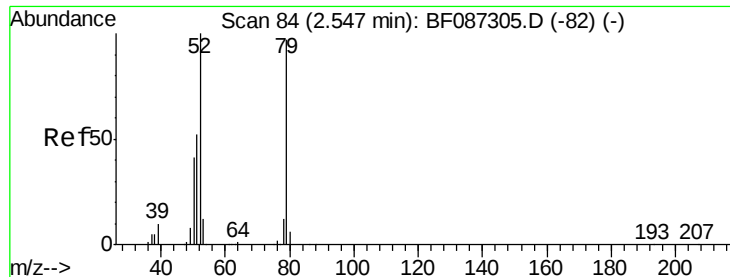
1,4-Dioxane
Concen: 32.50 ng
RT: 1.91 min Scan# 28
Delta R.T. 0.09 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.2	59.6	89.4#
43	53.8	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





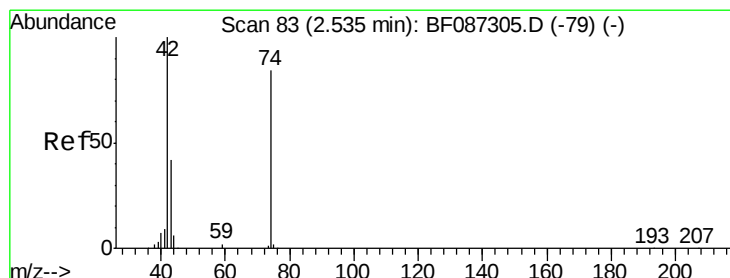
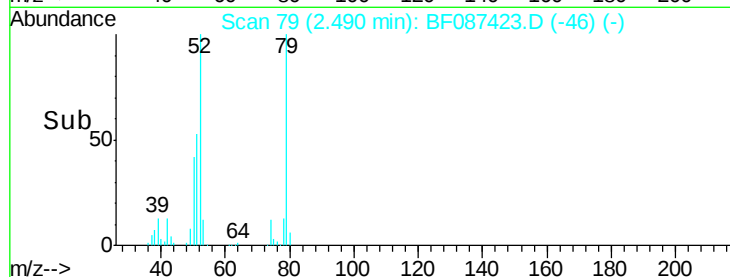
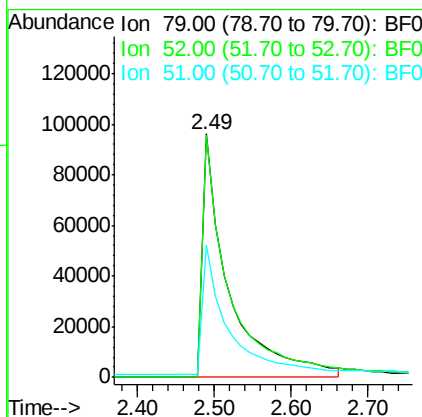
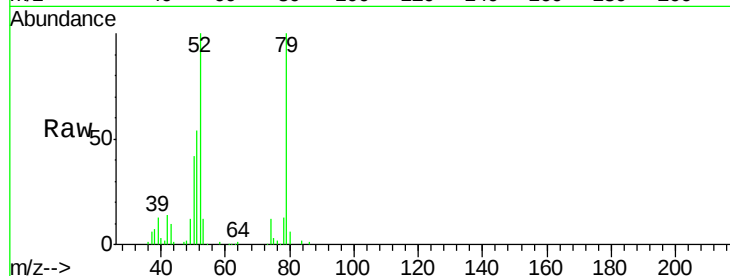
#3
 Pvridine
 Concen: 34.89 ng
 RT: 2.49 min Scan# 79
 Delta R.T. 0.08 min
 Lab File: BF087423.D
 Acq: 26 May 2016 23:34

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
79	100		
52	99.5	55.9	83.9#
51	54.4	28.1	42.1#

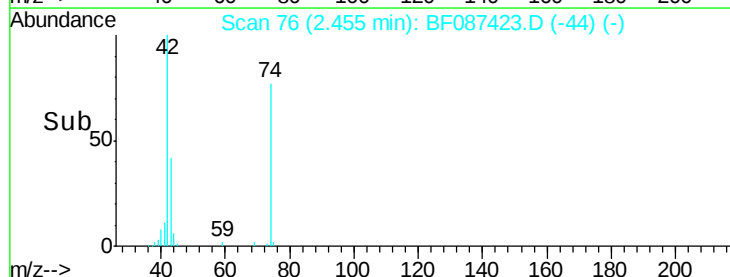
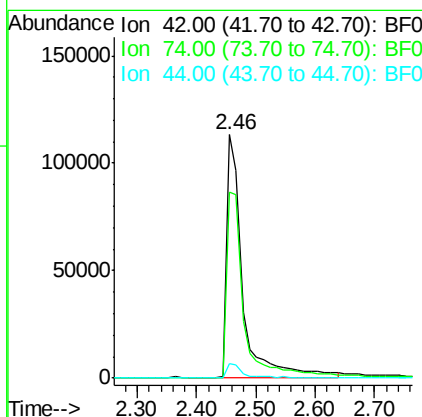
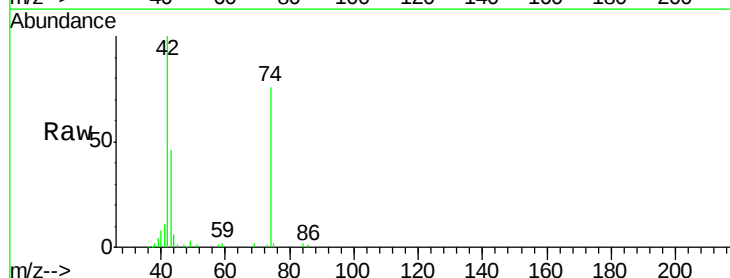
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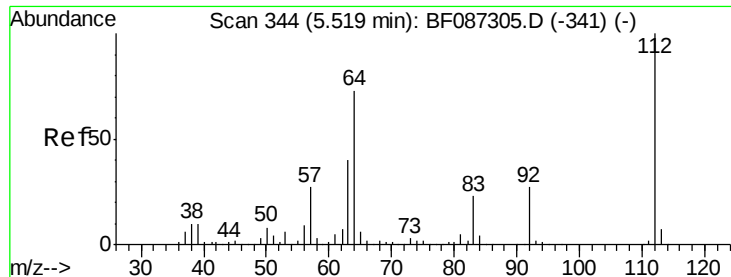
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#4
 n-Nitrosodimethylamine
 Concen: 41.94 ng
 RT: 2.46 min Scan# 76
 Delta R.T. 0.07 min
 Lab File: BF087423.D
 Acq: 26 May 2016 23:34

Tgt Ion	Ratio	Lower	Upper
42	100		
74	76.3	123.4	185.0#
44	6.1	5.8	8.6





#5

2-Fluorophenol

Concen: 86.07 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.01 min

Lab File: BF087423.D

Acq: 26 May 2016 23:34

Instrument :

BNA_F

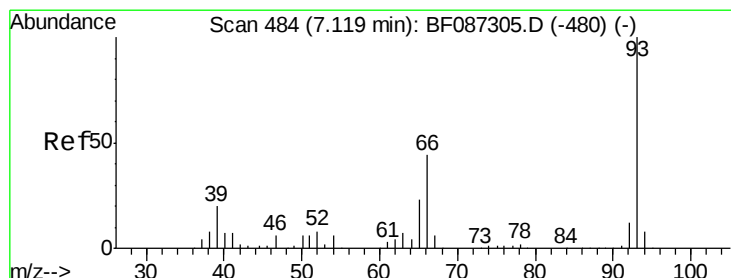
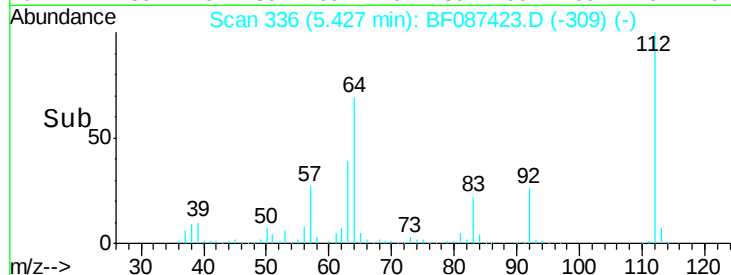
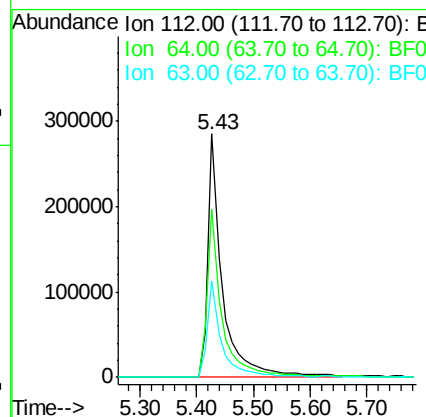
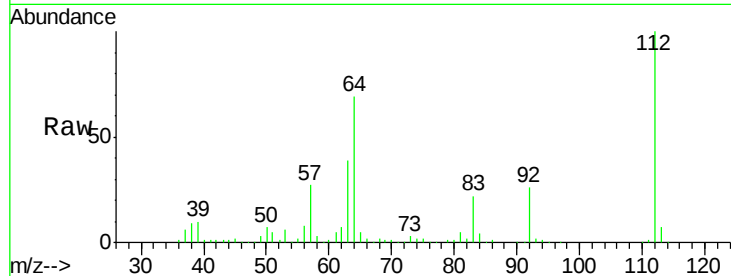
ClientSampleId :

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Tot Ion:	112	Resp:	491247
Ion Ratio	Lower	Upper	
112	100		
64	69.2	52.1	78.1
63	39.4	25.7	38.5#

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#6

Aniline

Concen: 21.82 ng

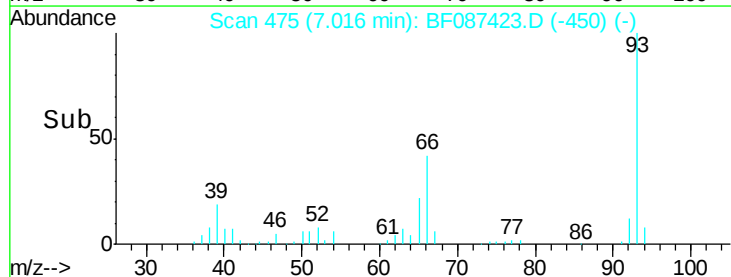
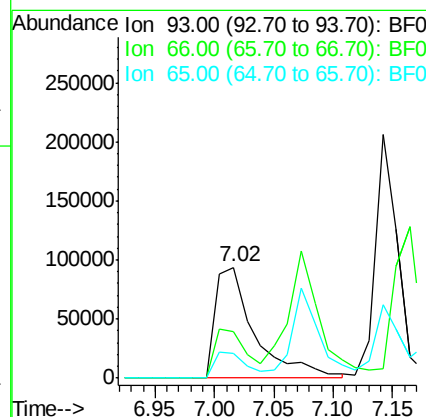
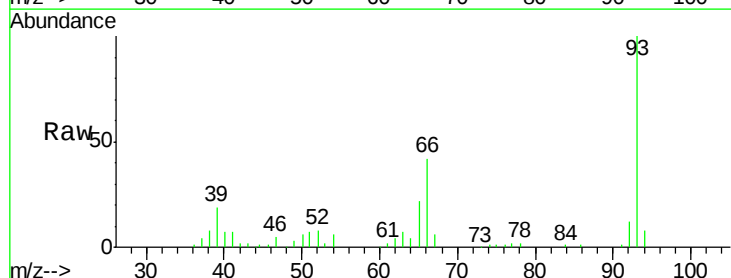
RT: 7.02 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF087423.D

Acq: 26 May 2016 23:34

Tgt Ion:	93	Resp:	217745
Ion Ratio	Lower	Upper	
93	100		
66	42.0	39.0	58.6
65	22.5	20.6	31.0





#7

Phenol-d6

Concen: 81.84 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF087423.D

Acq: 26 May 2016 23:34

Instrument :

BNA_F

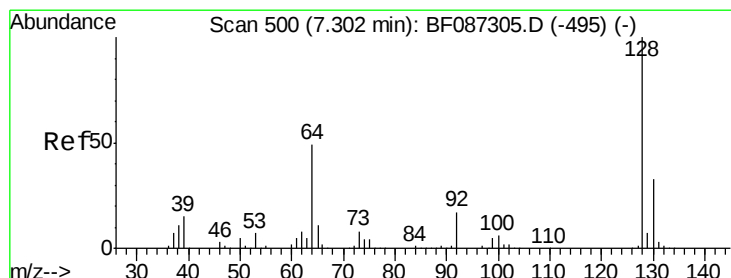
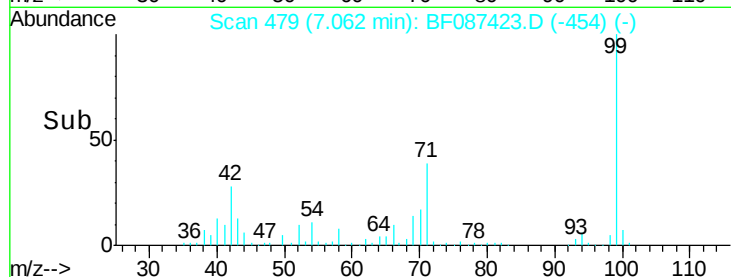
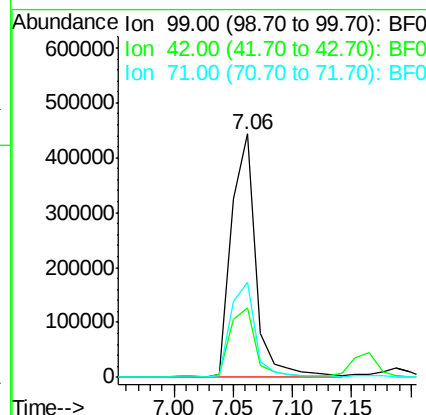
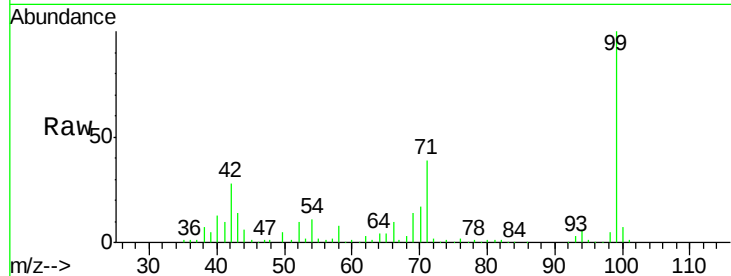
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		631178		
42	28.4	13.6	20.4#		
71	39.1	24.6	36.8#		

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#8

2-Chlorophenol

Concen: 41.10 ng

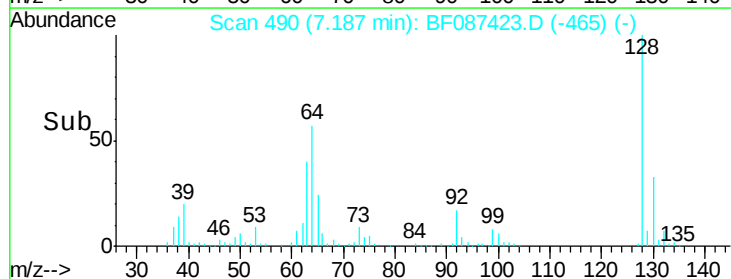
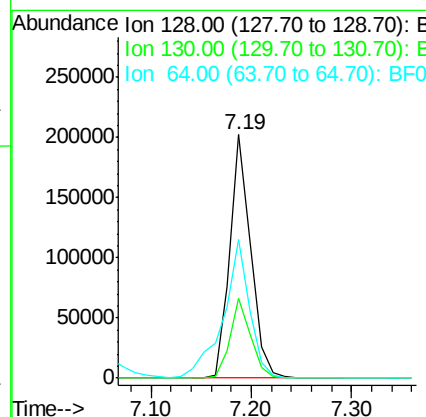
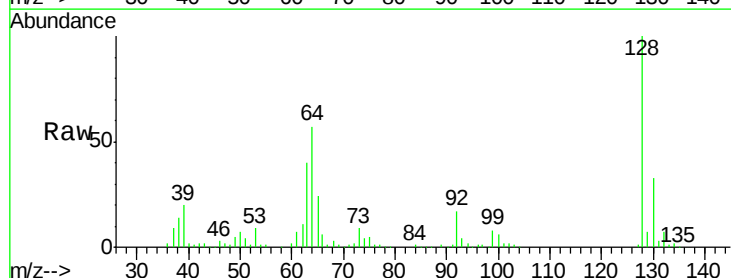
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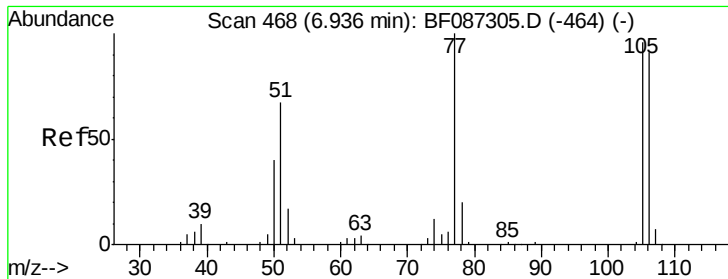
Delta R.T. -0.01 min

Lab File: BF087423.D

Acq: 26 May 2016 23:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		292577		
130	32.8	12.5	52.5		
64	56.8	27.3	67.3		





#9

Benzaldehyde

Concen: 8.50 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.01 min

Lab File: BF087423.D

Acq: 26 May 2016 23:34

Instrument :

BNA_F

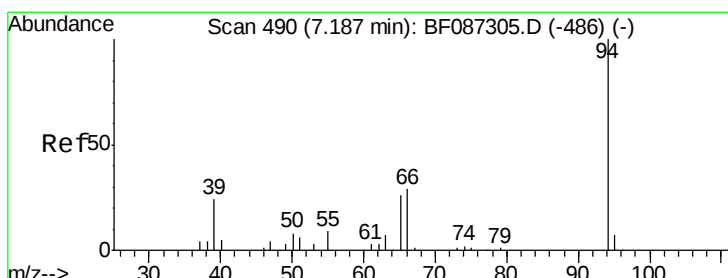
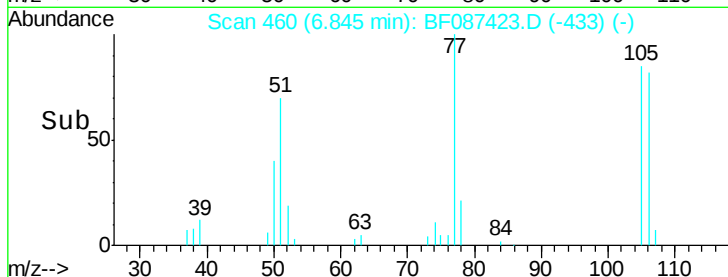
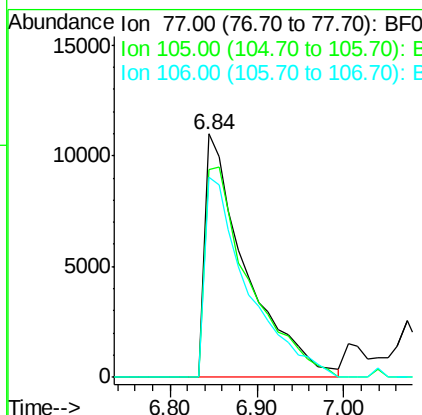
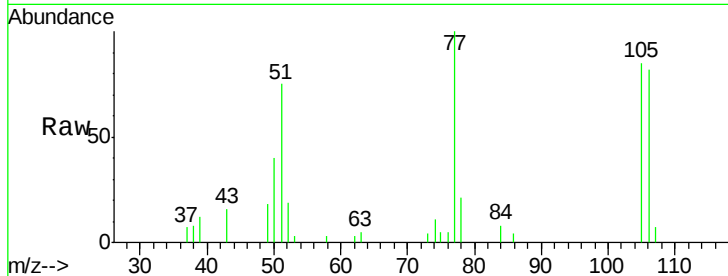
ClientSampled :

PB90911BSD

Tot Ion:	77	Resp:	36207
Ion	Ratio	Lower	Upper
77	100		
105	85.2	72.7	112.7
106	82.3	70.8	110.8

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#10

Phenol

Concen: 43.87 ng

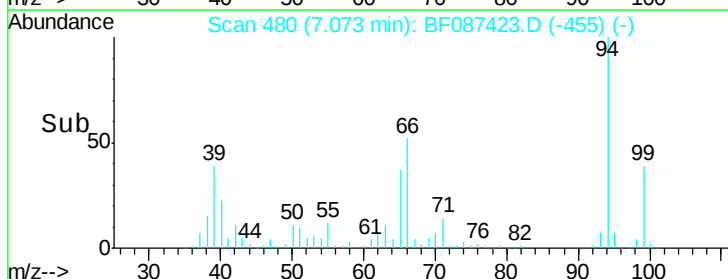
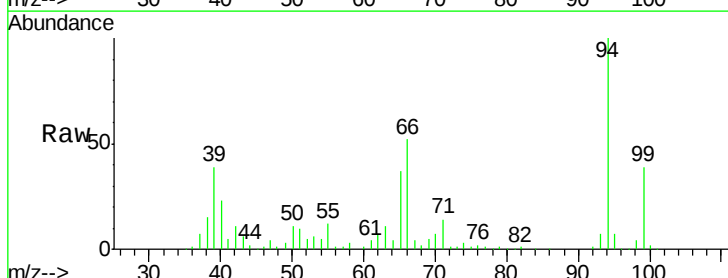
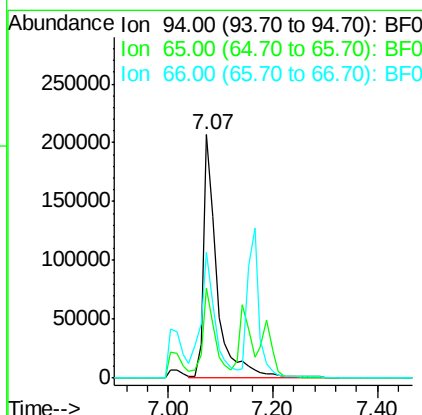
RT: 7.07 min Scan# 480

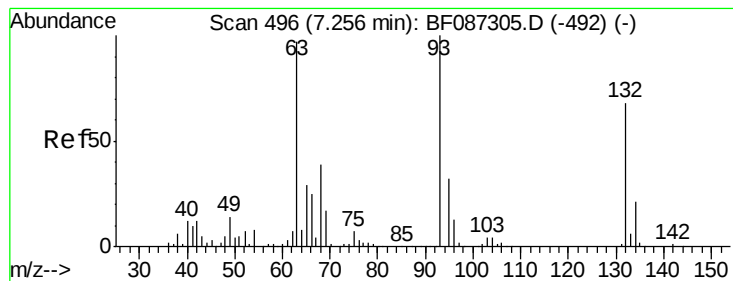
Delta R.T. -0.01 min

Lab File: BF087423.D

Acq: 26 May 2016 23:34

Tgt Ion:	94	Resp:	369460
Ion	Ratio	Lower	Upper
94	100		
65	36.9	7.2	47.2
66	51.9	14.9	54.9





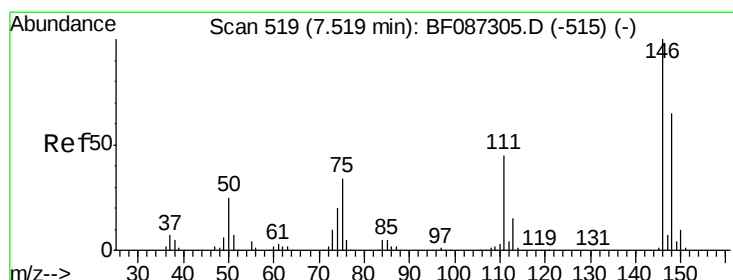
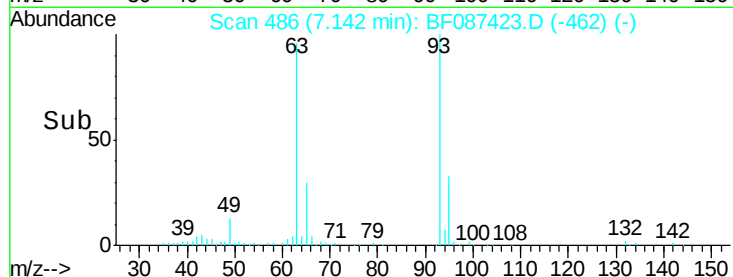
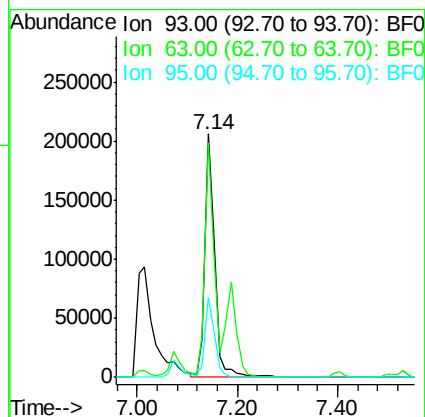
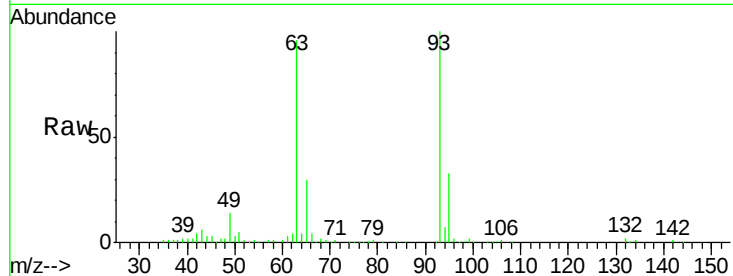
#11
bis(2-Chloroethyl)ether
Concen: 41.30 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.02 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Instrument :
BNA_F
ClientSampled :
PB90911BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	281535		
63	96.1	58.0	98.0	
95	32.5	11.9	51.9	

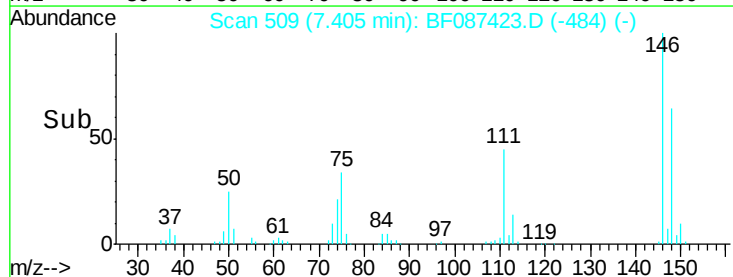
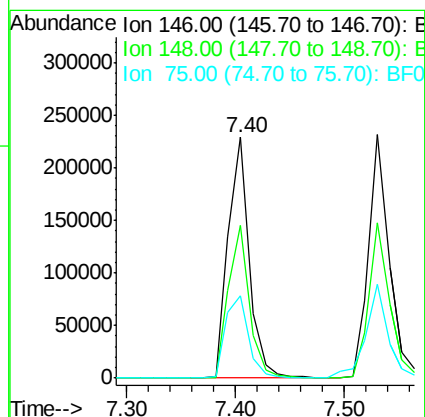
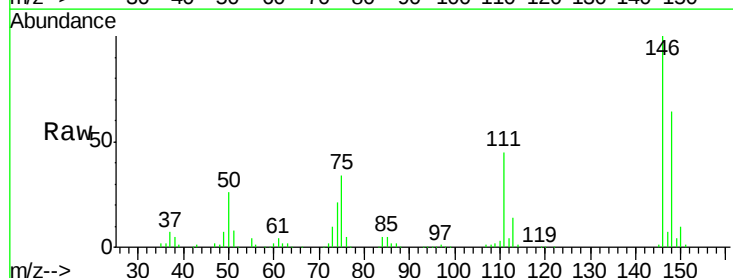
Manual Integrations
APPROVED

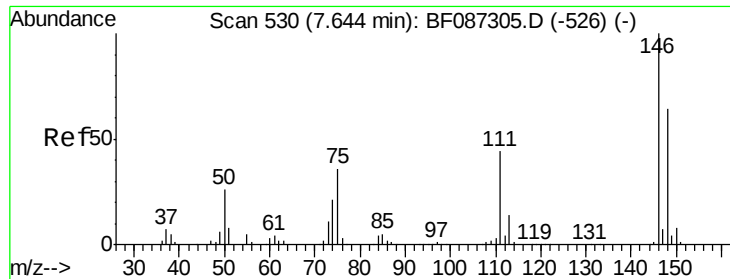
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#12
1,3-Dichlorobenzene
Concen: 39.40 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	305881		
148	63.8	52.4	78.6	
75	34.4	22.8	34.2	





#13

1,4-Dichlorobenzene

Concen: 39.17 ng/mL

RT: 7.53 min Scan# 520

Delta R.T. -0.02 min

Lab File: BF087423.D

Acq: 26 May 2016 23:34

Instrument :

BNA_F

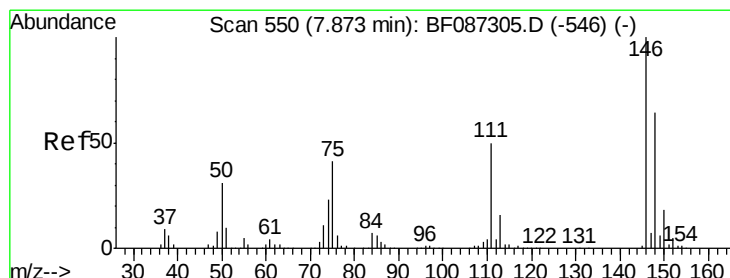
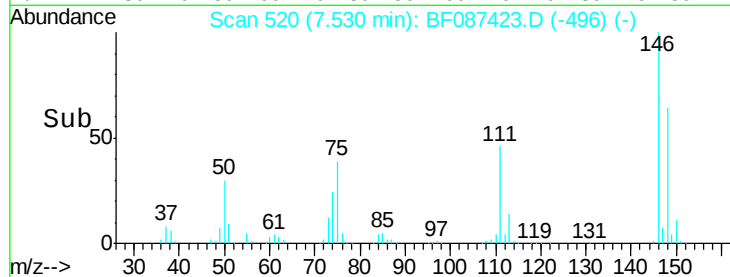
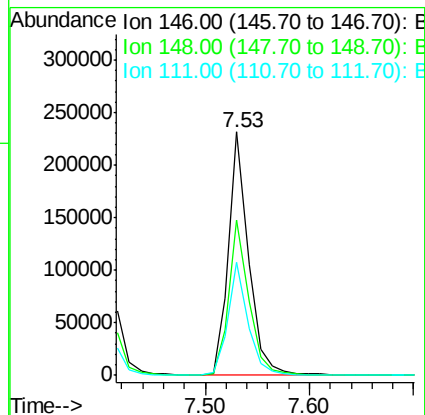
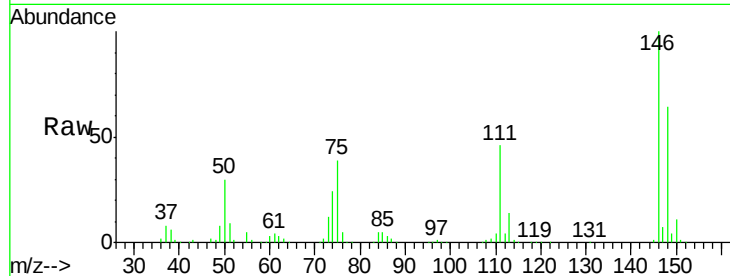
ClientSampleId :

PB90911BSD

Tot Ion:	146	Resp:	312205
Ion Ratio	Lower	Upper	
146	100		
148	63.7	52.2	78.4
111	46.5	30.7	46.1

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 40.03 ng/mL

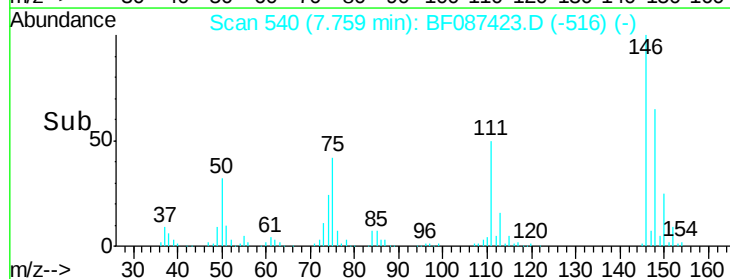
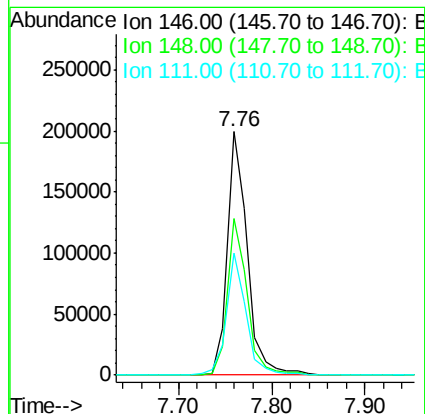
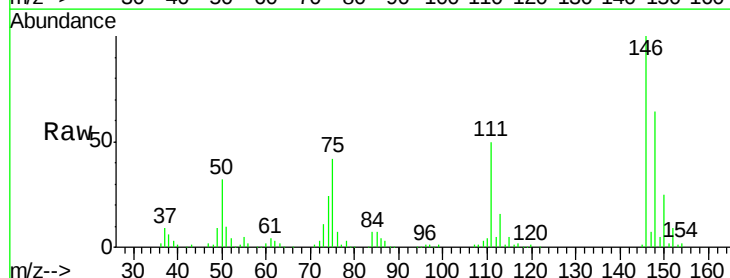
RT: 7.76 min Scan# 540

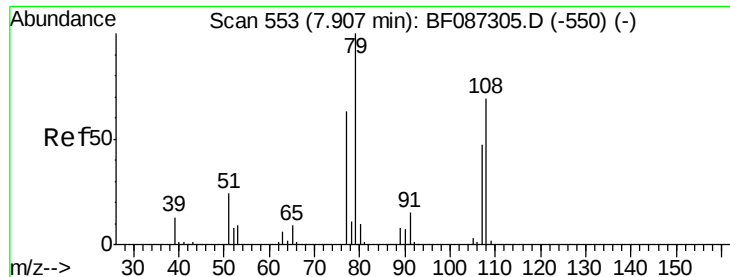
Delta R.T. -0.02 min

Lab File: BF087423.D

Acq: 26 May 2016 23:34

Tgt Ion:	146	Resp:	295118
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.0	76.6
111	50.3	36.2	54.4





#15

Benzyl Alcohol

Concen: 43.48 ng

RT: 7.80 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF087423.D

Acq: 26 May 2016 23:34

Instrument :

BNA_F

ClientSampleId :

PB90911BSD

Tot Ion: 79 Resp: 244495

Ion Ratio Lower Upper

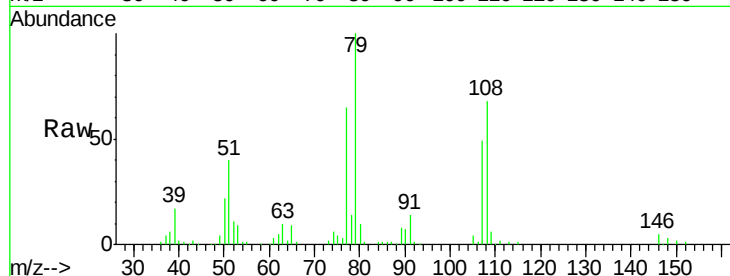
79 100

108 68.2 68.4 102.6#

77 65.1 50.6 76.0

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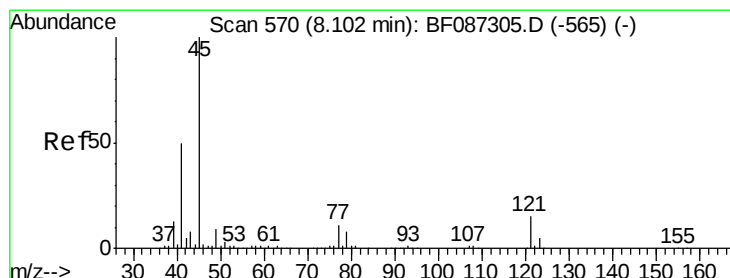
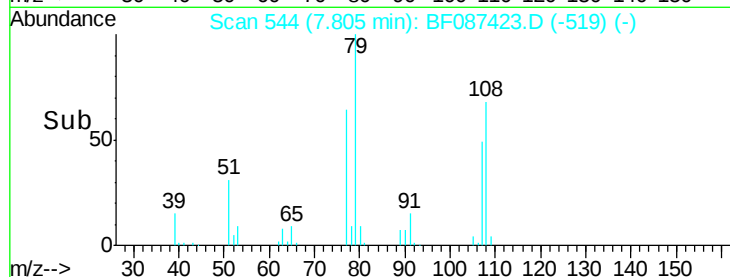
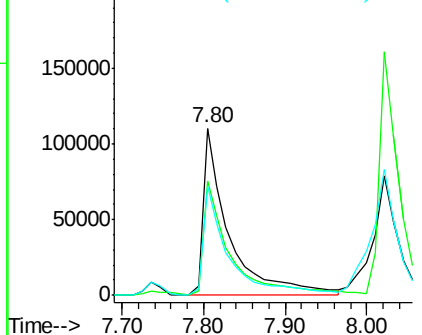
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Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.54 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.01 min

Lab File: BF087423.D

Acq: 26 May 2016 23:34

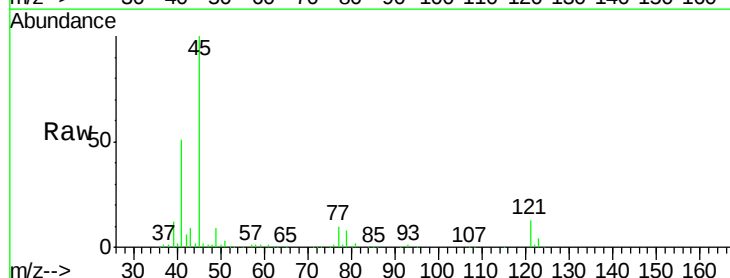
Tgt Ion: 45 Resp: 560500

Ion Ratio Lower Upper

45 100

77 10.4 0.0 36.4

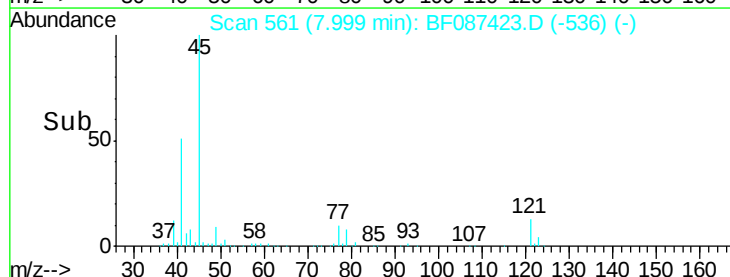
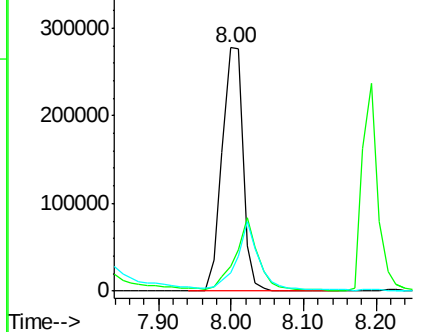
79 7.7 0.0 33.4

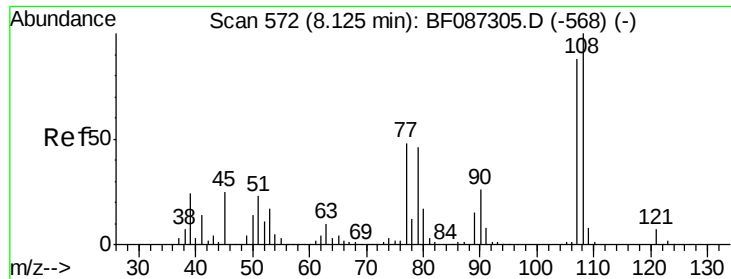


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





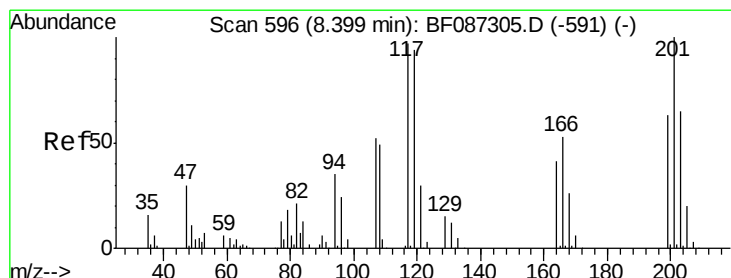
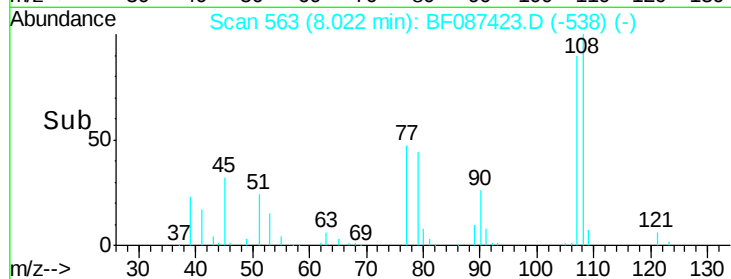
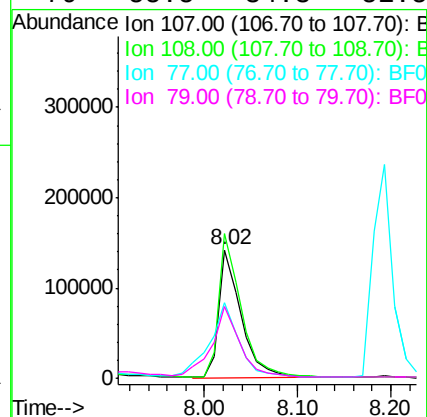
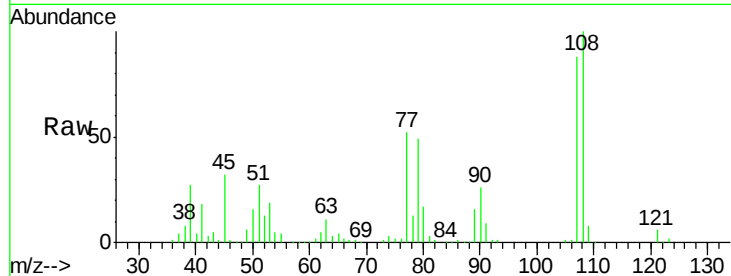
#17
2-Methylphenol
Concen: 41.20 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Instrument :
BNA_F
ClientSampleId :
PB90911BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.0	93.7	140.5	
77	58.4	33.4	50.0	
79	55.5	34.3	51.5	

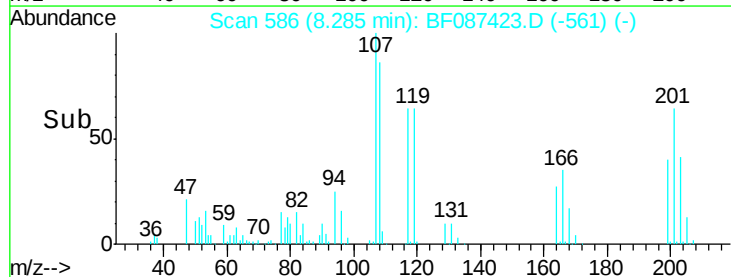
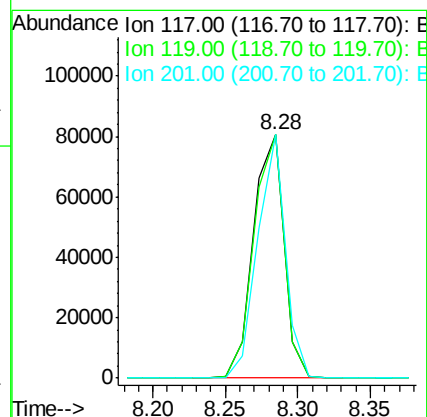
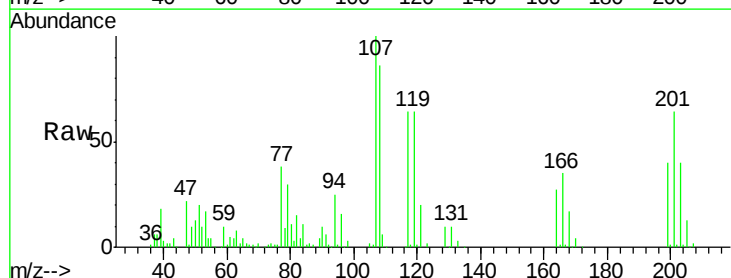
Manual Integrations
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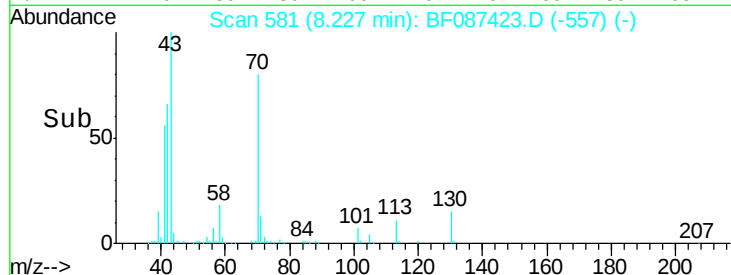
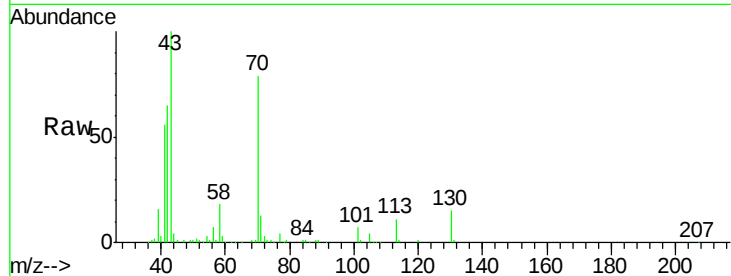
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#18
Hexachloroethane
Concen: 39.64 ng
RT: 8.28 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.1	76.5	114.7	
201	100.2	63.0	94.6	





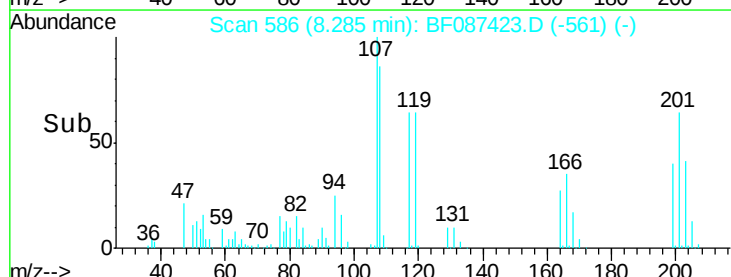
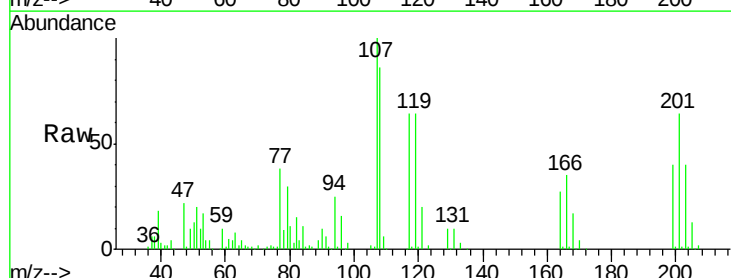
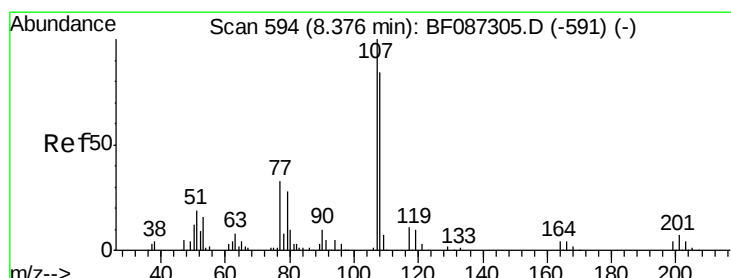
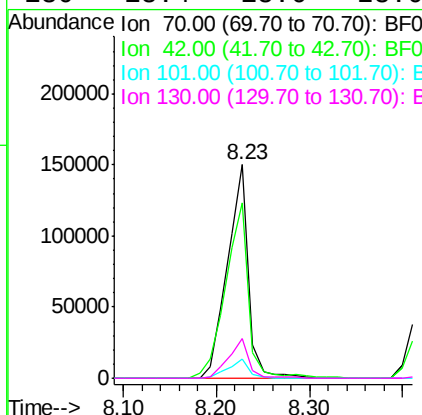
#19
n-Nitroso-di-n-propylamine
Concen: 41.07 ng
RT: 8.23 min Scan# 581
Delta R.T. -0.02 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Instrument :
BNA_F
ClientSampleId :
PB90911BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		236243		
42	82.4	43.1	64.7#		
101	9.0	8.1	12.1		
130	18.4	18.6	28.0#		

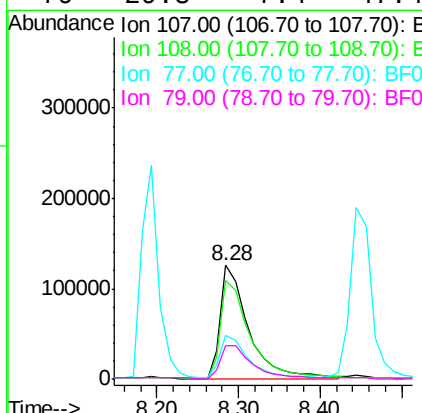
Manual Integrations
APPROVED

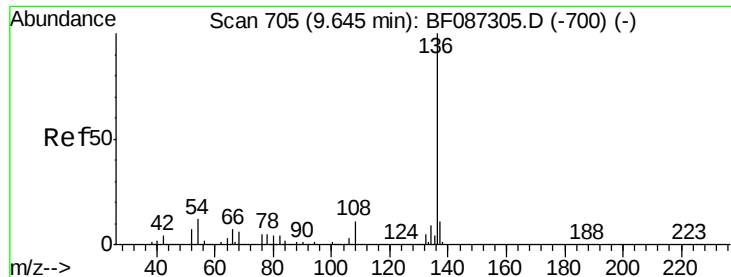
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#20
3+4-Methylphenols
Concen: 43.87 ng
RT: 8.28 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		302519		
108	86.5	68.5	108.5		
77	37.8	101.6	141.6#		
79	29.8	7.4	47.4		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF087423.D

Acq: 26 May 2016 23:34

Instrument :

BNA_F

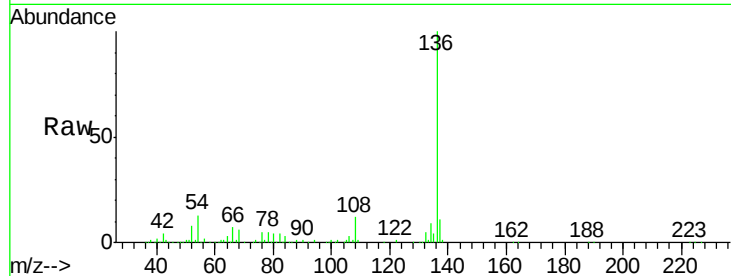
ClientSampleId :

PB90911BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	400663		
137	11.2	8.8	13.2	
54	12.9	5.0	7.4	
68	6.1	4.4	6.6	

Manual Integrations
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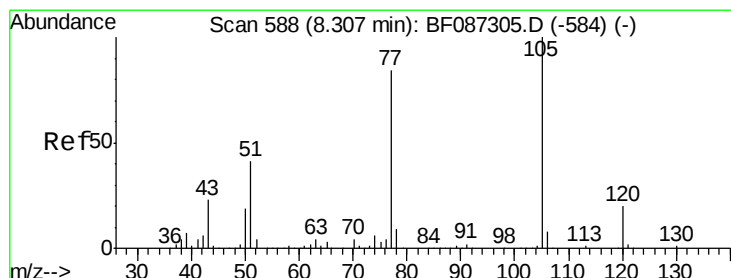
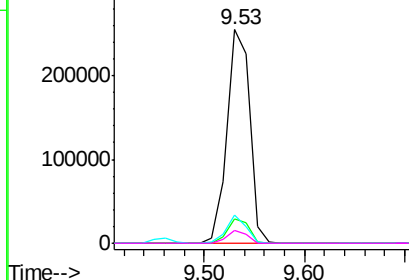
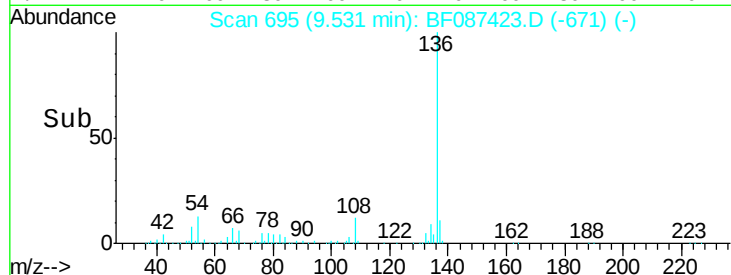
Abundance Ion 136.00 (135.70 to 136.70): E

400000

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: 43.87 ng

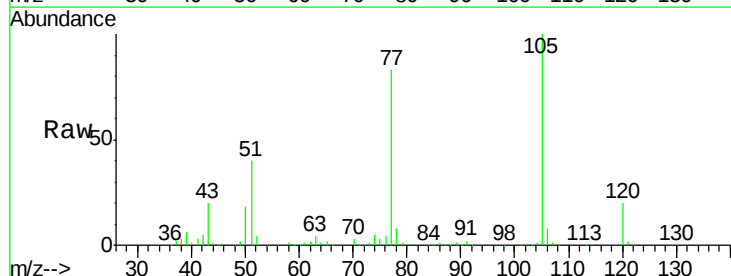
RT: 8.19 min Scan# 578

Delta R.T. -0.02 min

Lab File: BF087423.D

Acq: 26 May 2016 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	419933		
71	0.5	4.8	7.2	
51	39.9	32.6	49.0	
120	20.0	16.5	24.7	



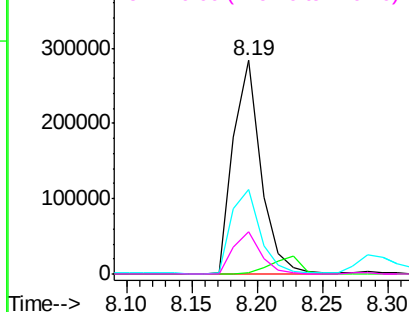
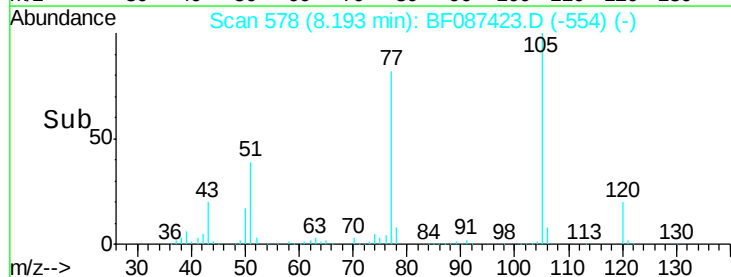
Abundance Ion 105.00 (104.70 to 105.70): E

400000

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





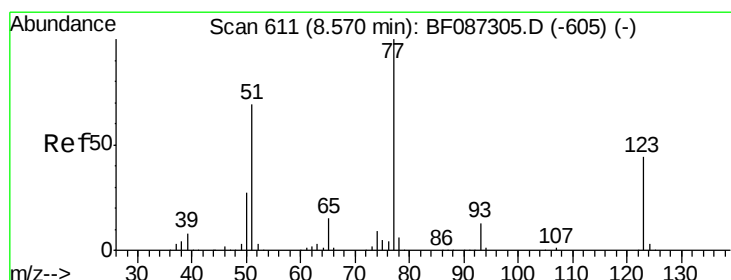
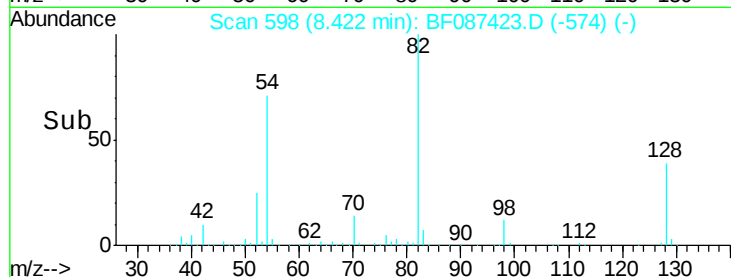
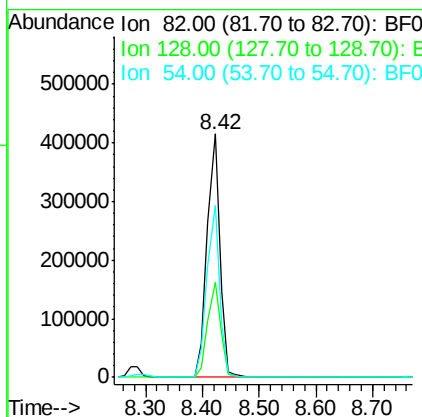
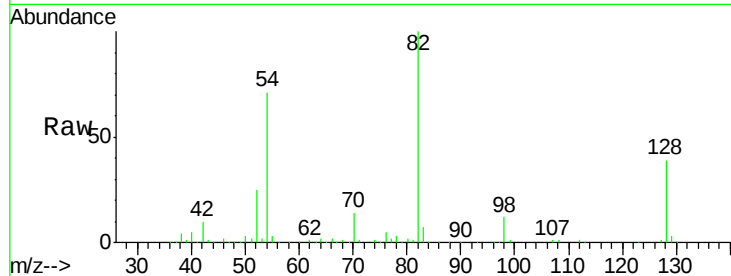
#23
 Nitrobenzene-d5
 Concen: 78.85 ng
 RT: 8.42 min Scan# 598
 Delta R.T. -0.02 min
 Lab File: BF087423.D
 Acq: 26 May 2016 23:34

Instrument :
 BNA_F
 ClientSampleId :
 PB90911BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	626883		
128	39.1	40.6	61.0#	
54	70.7	38.1	57.1#	

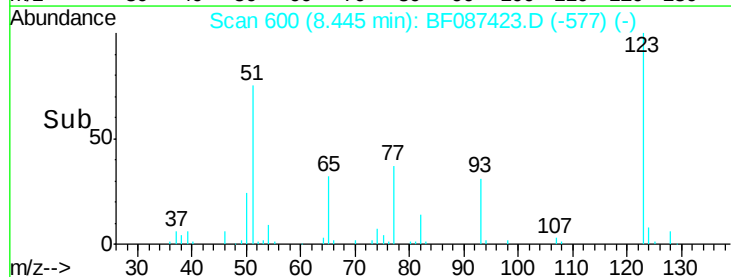
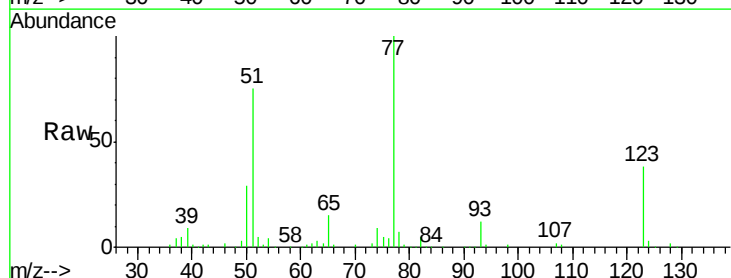
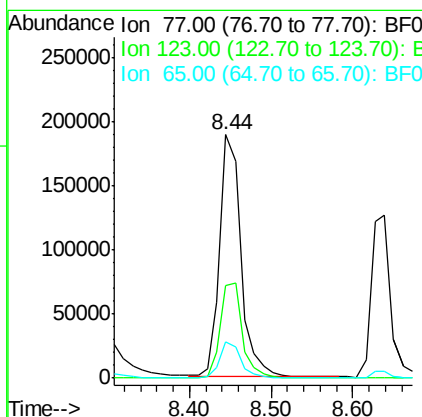
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#24
 Nitrobenzene
 Concen: 40.94 ng
 RT: 8.44 min Scan# 600
 Delta R.T. -0.03 min
 Lab File: BF087423.D
 Acq: 26 May 2016 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	343554		
123	38.2	33.0	49.4	
65	15.0	10.8	16.2	





#25

Isophorone

Concen: 41.08 ng

RT: 8.84 min Scan# 635

Delta R.T. -0.03 min

Lab File: BF087423.D

Acq: 26 May 2016 23:34

Instrument :

BNA_F

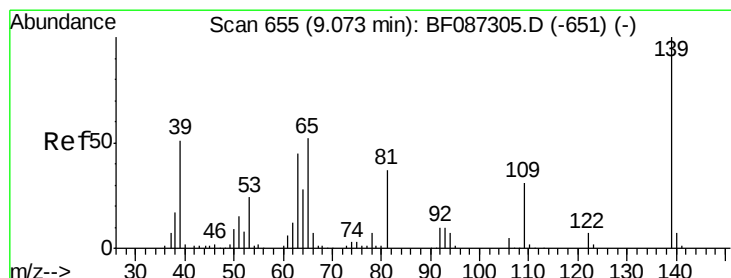
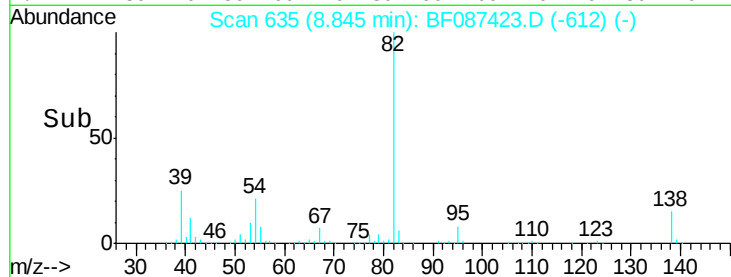
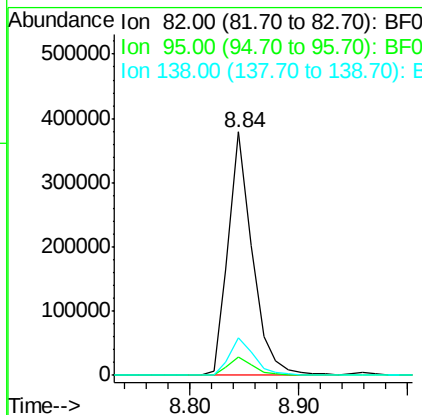
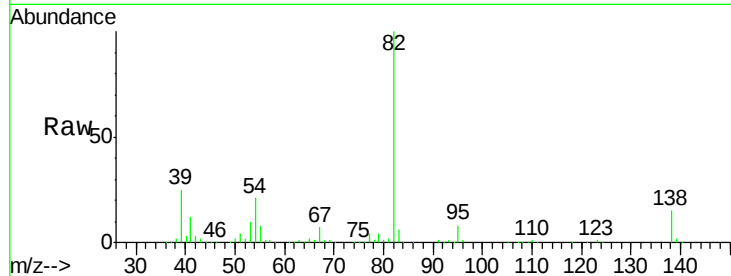
ClientSampleId :

PB90911BSD

Tot Ion:	82	Resp:	585650
Ion Ratio		Lower	Upper
82	100		
95	7.5	5.1	7.7
138	15.3	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.65 ng

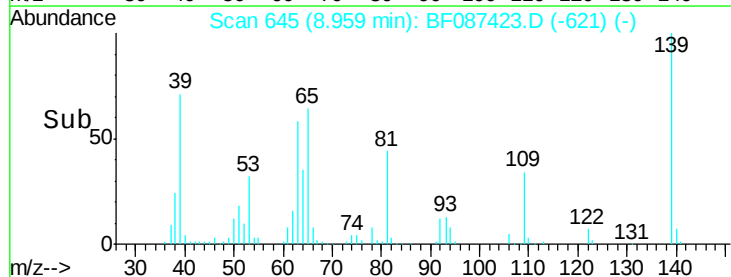
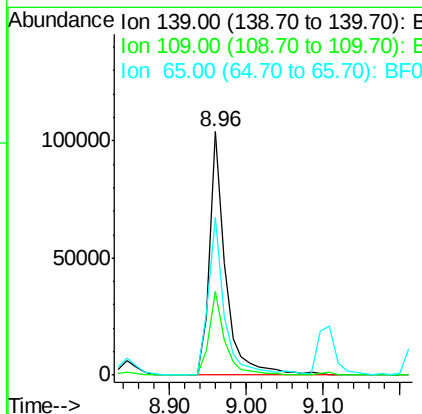
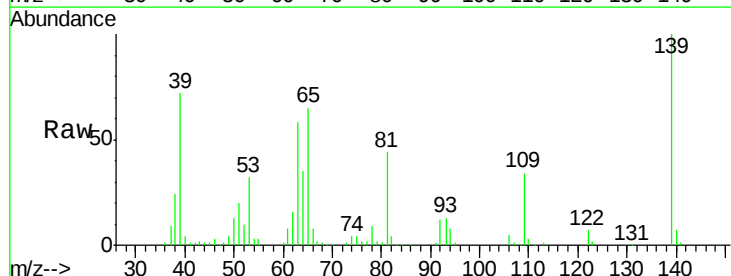
RT: 8.96 min Scan# 645

Delta R.T. -0.02 min

Lab File: BF087423.D

Acq: 26 May 2016 23:34

Tgt Ion:	139	Resp:	149724
Ion Ratio		Lower	Upper
139	100		
109	34.1	19.5	29.3#
65	64.6	37.5	56.3#





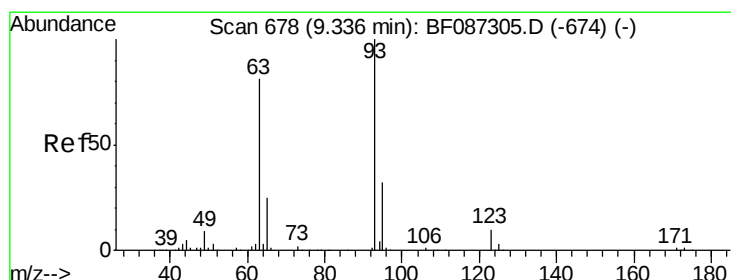
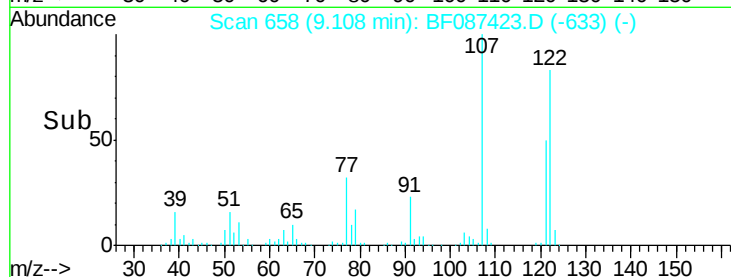
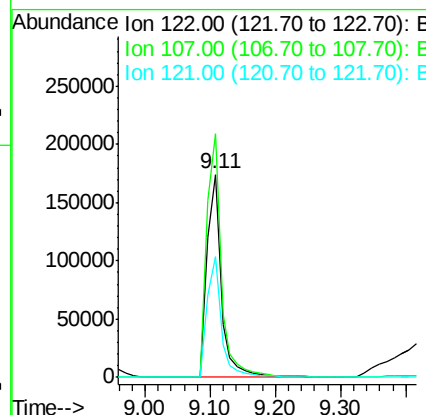
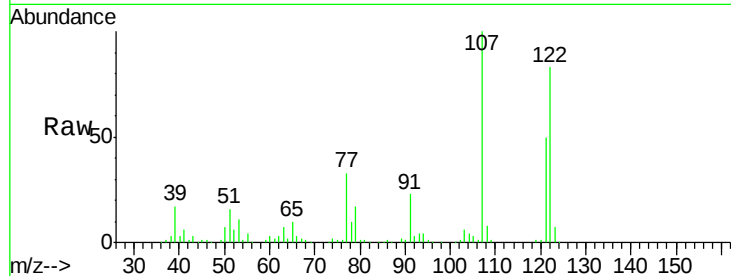
#27
 2,4-Dimethylphenol
 Concen: 44.63 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF087423.D
 Acq: 26 May 2016 23:34

Instrument :
 BNA_F
 ClientSampleId :
 PB90911BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	265781		
107	120.1	82.0	123.0	
121	59.7	46.1	69.1	

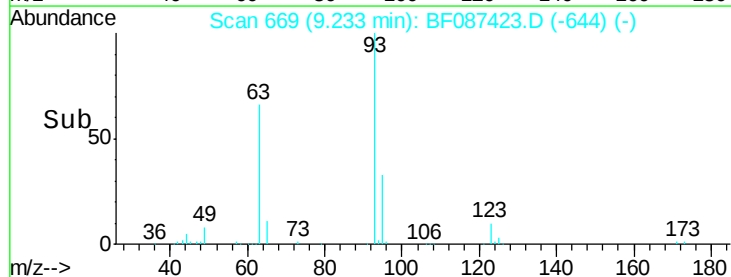
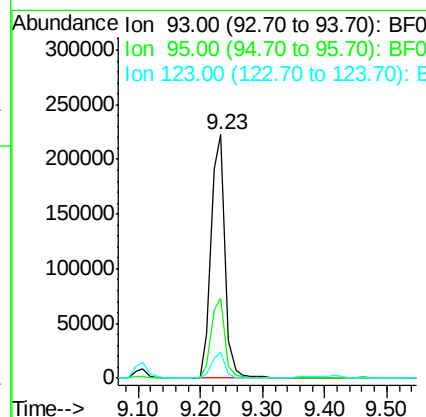
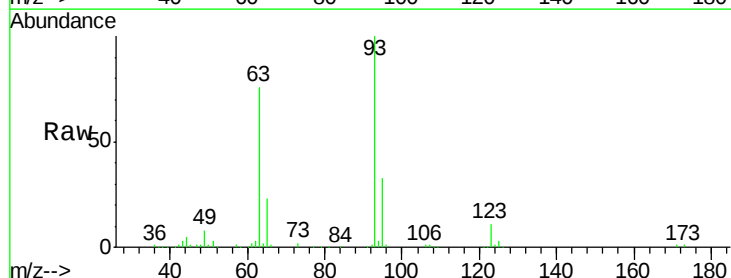
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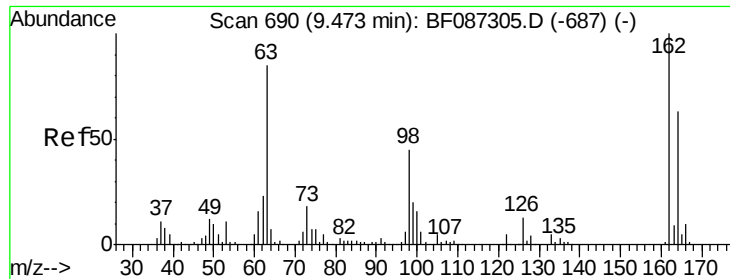
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.40 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BF087423.D
 Acq: 26 May 2016 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	348547		
95	32.9	26.0	39.0	
123	10.7	9.5	14.3	





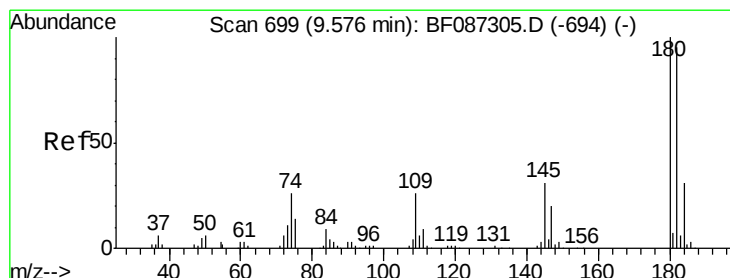
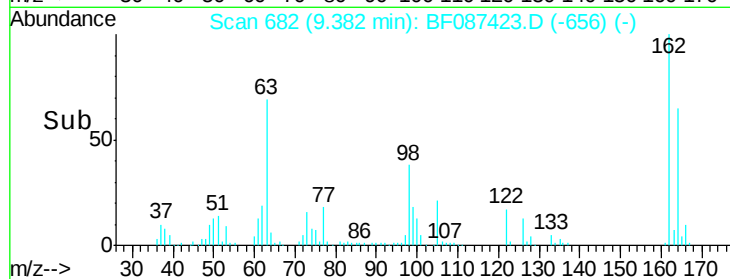
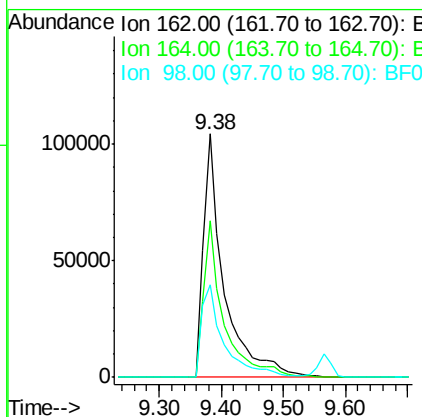
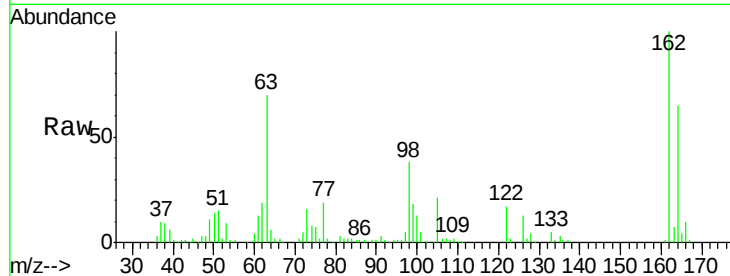
#29
2,4-Dichlorophenol
Concen: 44.70 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Instrument :
BNA_F
ClientSampled :
PB90911BSD

Tot Ion:	162	Resp:	239867
Ion Ratio	Lower	Upper	
162	100		
164	64.5	42.2	82.2
98	38.3	19.0	59.0

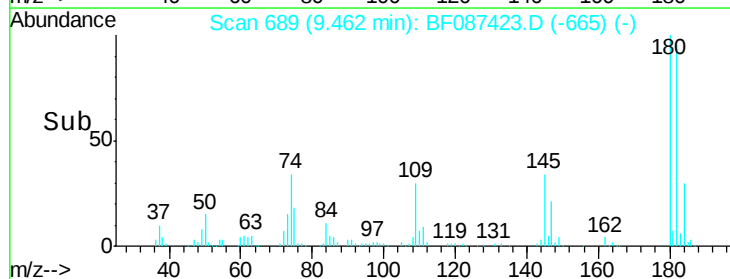
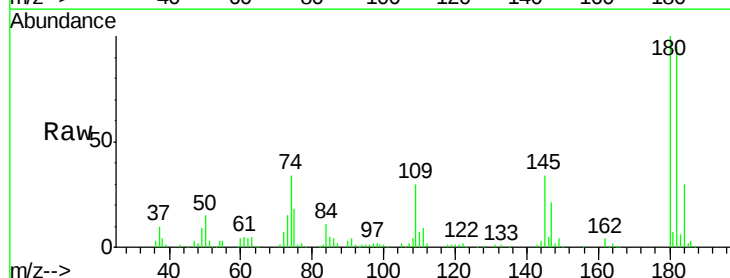
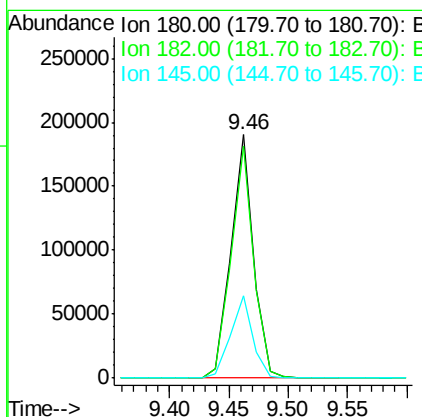
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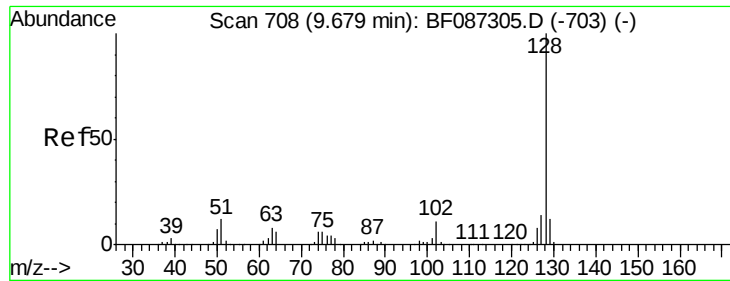
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#30
1,2,4-Trichlorobenzene
Concen: 40.57 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Tgt Ion:	180	Resp:	249254
Ion Ratio	Lower	Upper	
180	100		
182	95.4	78.0	117.0
145	33.7	24.2	36.2





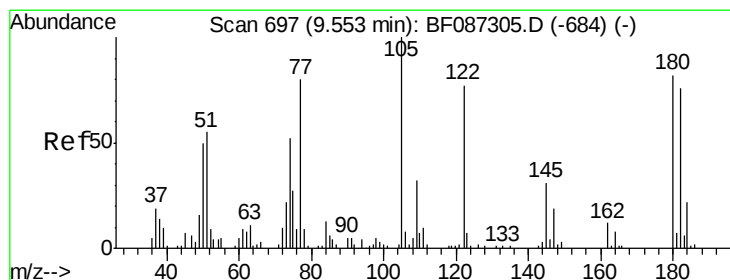
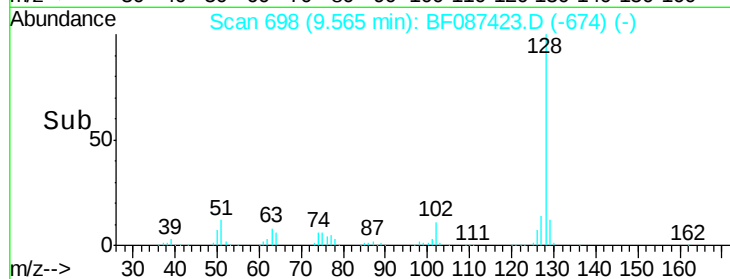
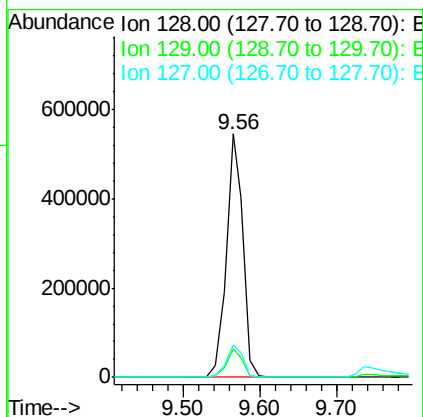
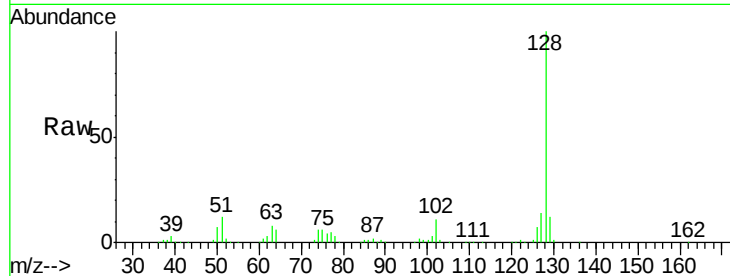
#31
Naphthalene
Concen: 41.61 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.02 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Instrument :
BNA_F
ClientSampleId :
PB90911BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.5	8.6	13.0	
127	13.6	10.8	16.2	

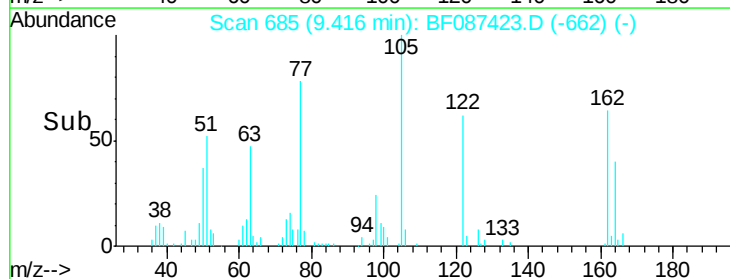
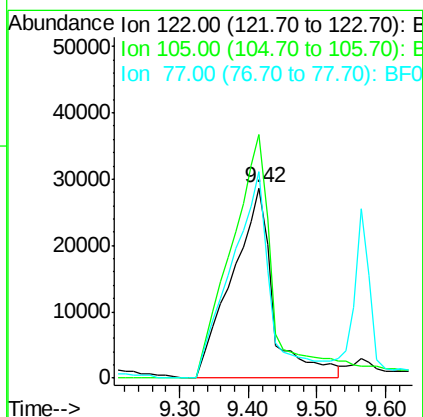
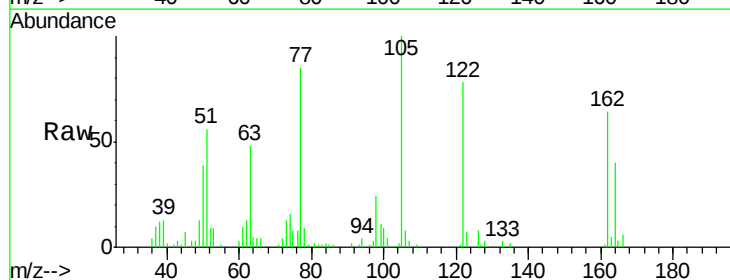
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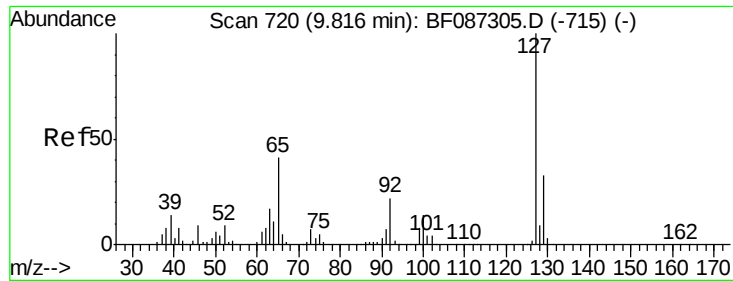
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#32
Benzoic acid
Concen: 39.81 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.03 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	127.9	92.6	132.6	
77	108.8	60.0	100.0	





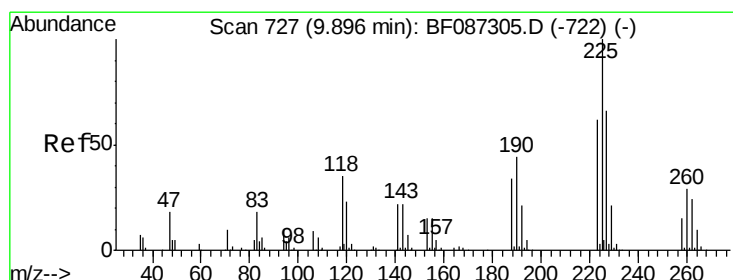
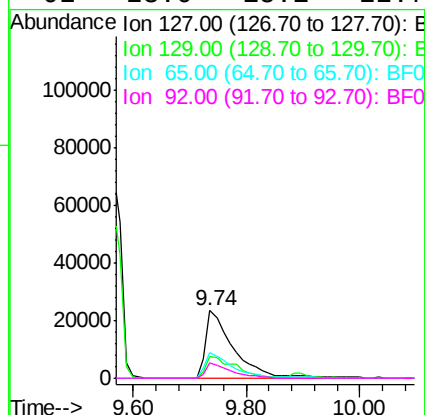
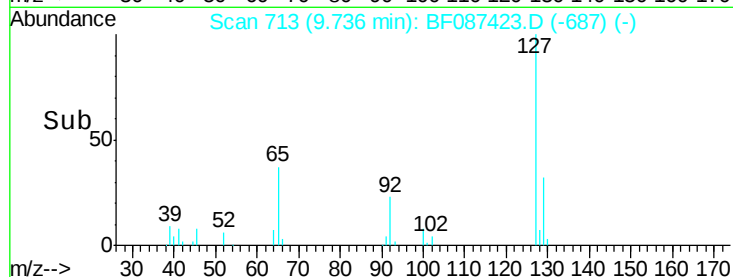
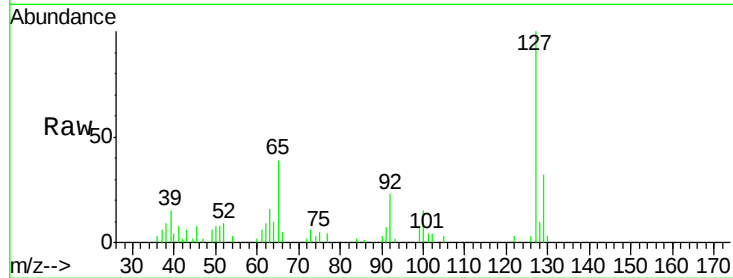
#33
4-Chloroaniline
Concen: 10.76 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Instrument :
BNA_F
ClientSampled :
PB90911BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	26.2	39.4		
65	39.0	23.0	34.4#		
92	23.0	15.1	22.7#		

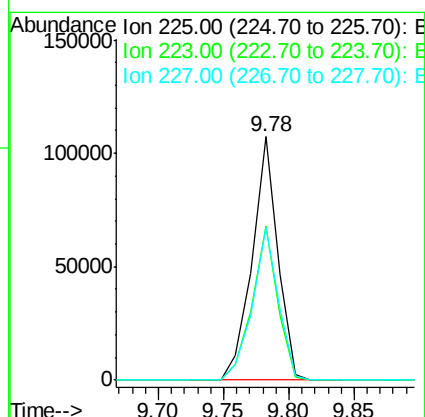
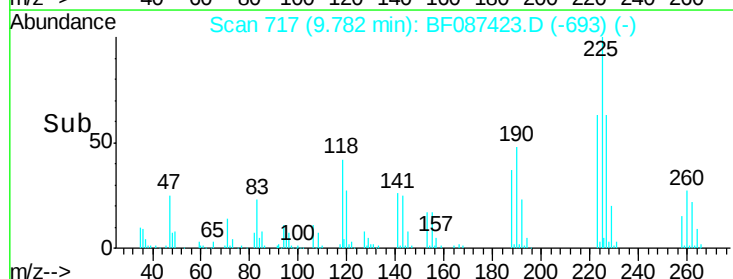
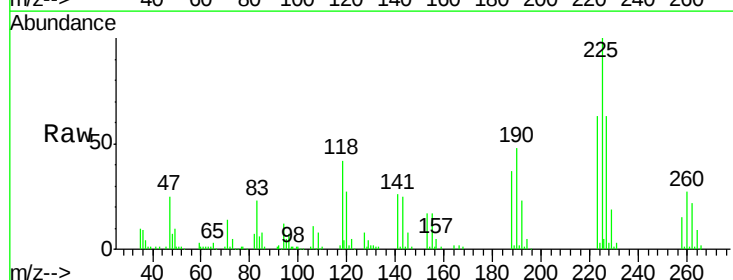
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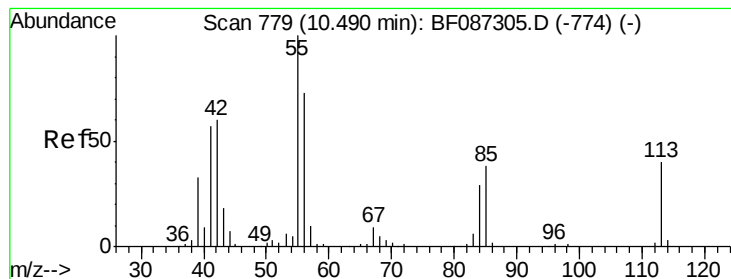
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#34
Hexachlorobutadiene
Concen: 39.55 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	51.5	77.3		
227	62.5	52.2	78.2		





#35

Caprolactam

Concen: 46.74 ng/mL

RT: 10.33 min Scan# 765

Delta R.T. -0.06 min

Lab File: BF087423.D

Acq: 26 May 2016 23:34

Instrument :

BNA_F

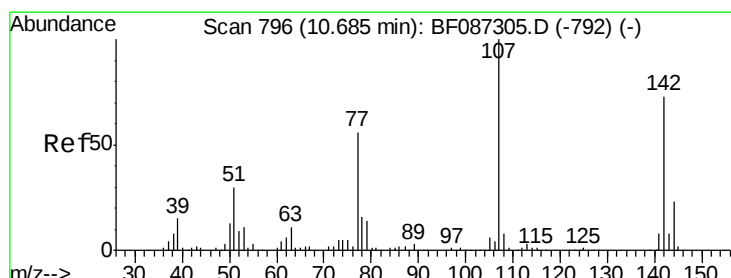
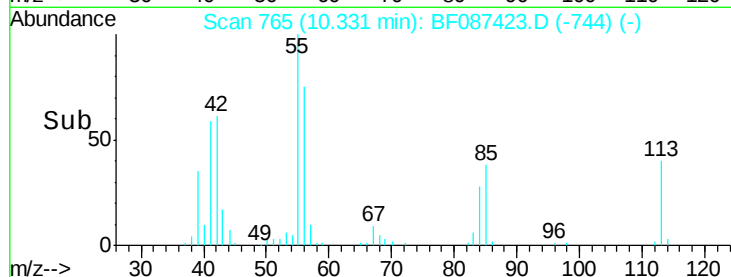
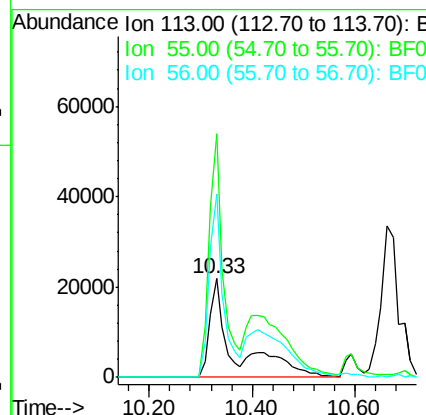
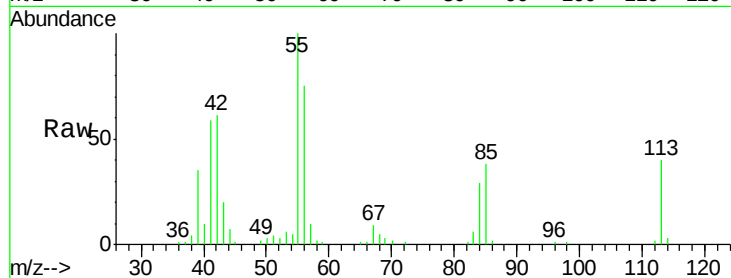
ClientSampleId :

PB90911BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	247.4	162.0	202.0#
56	186.4	115.3	155.3#

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#36

4-Chloro-3-methylphenol

Concen: 45.90 ng/mL

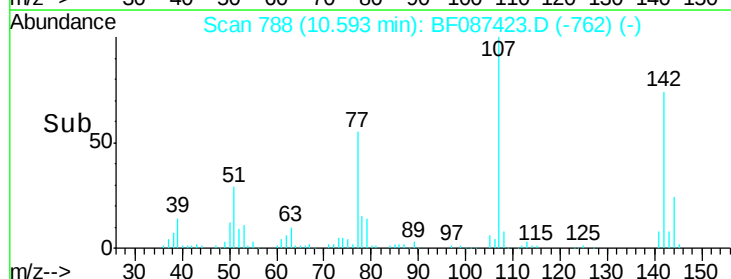
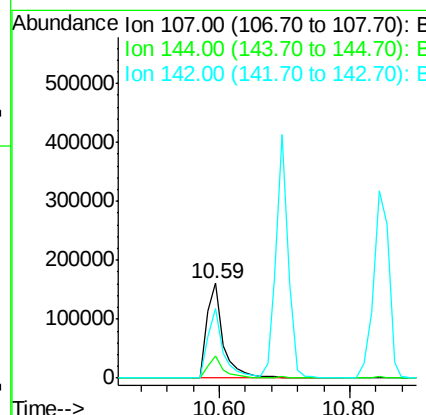
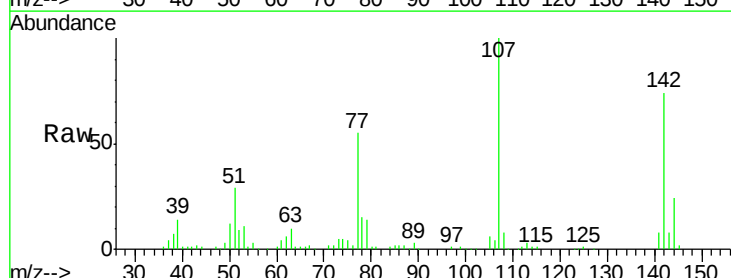
RT: 10.59 min Scan# 788

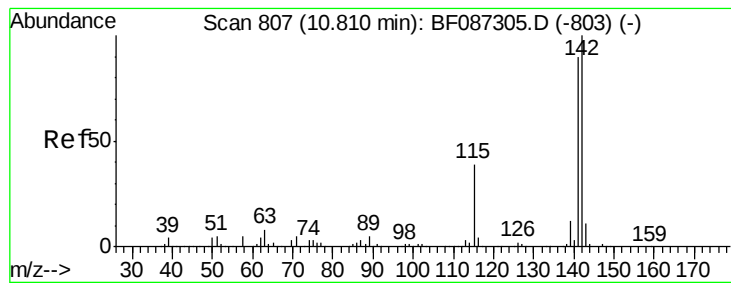
Delta R.T. 0.00 min

Lab File: BF087423.D

Acq: 26 May 2016 23:34

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.8	20.7	31.1
142	73.6	63.2	94.8





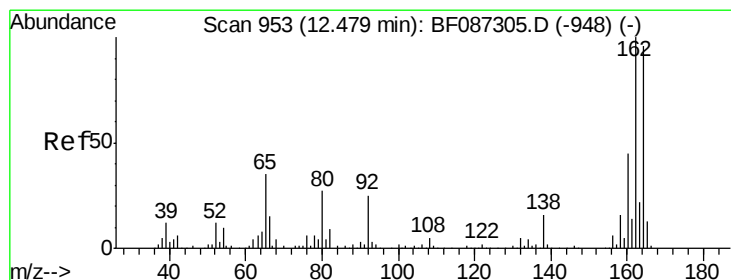
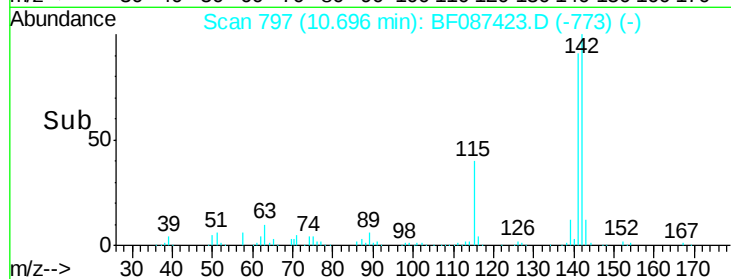
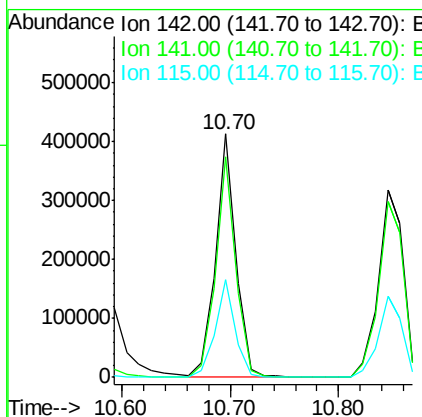
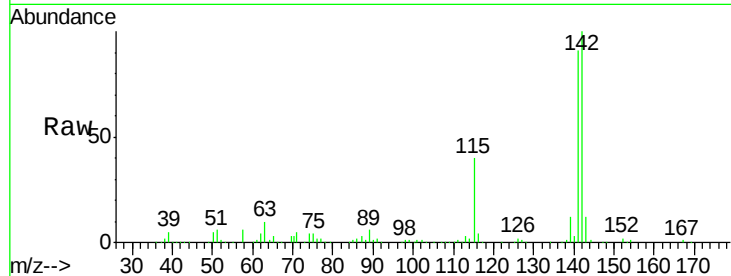
#37
2-Methylnaphthalene
Concen: 42.87 ng
RT: 10.70 min Scan# 797
Delta R.T. -0.02 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Instrument :
BNA_F
ClientSampled :
PB90911BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.0	106.6
115	40.2	26.6	39.8

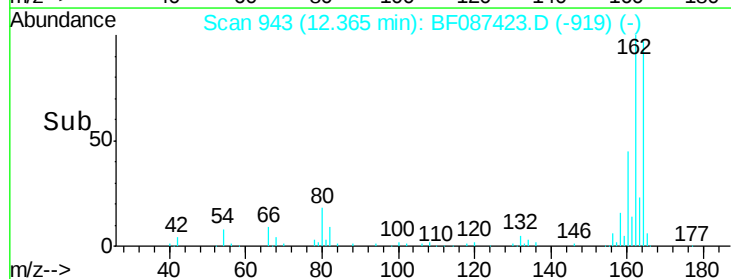
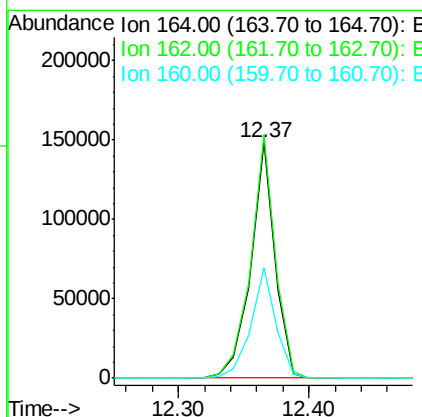
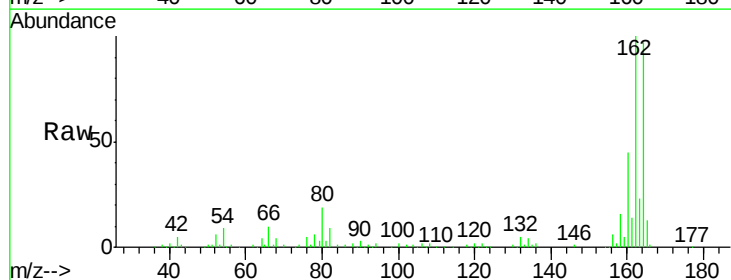
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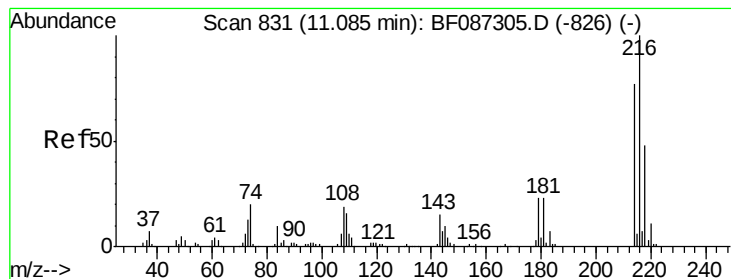
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.37 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.8	124.2
160	46.7	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.70 ng

RT: 10.97 min Scan# 821

Delta R.T. -0.02 min

Lab File: BF087423.D

Acq: 26 May 2016 23:34

Instrument :

BNA_F

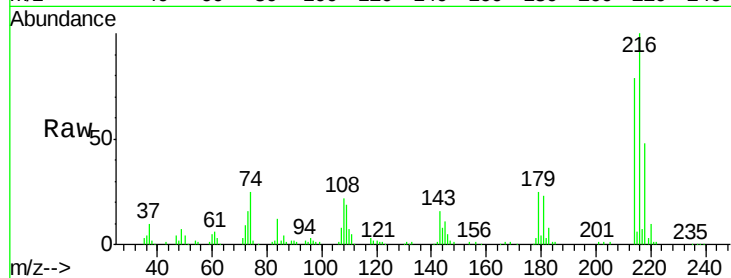
ClientSampled :

PB90911BSD

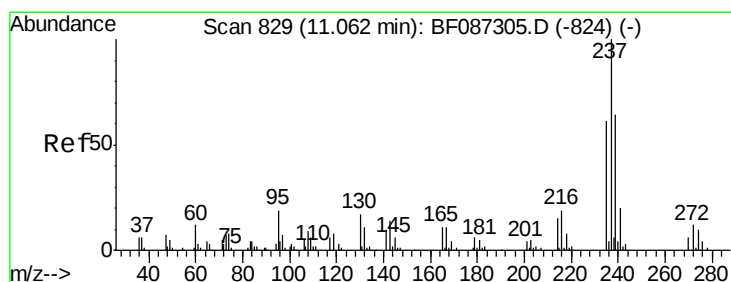
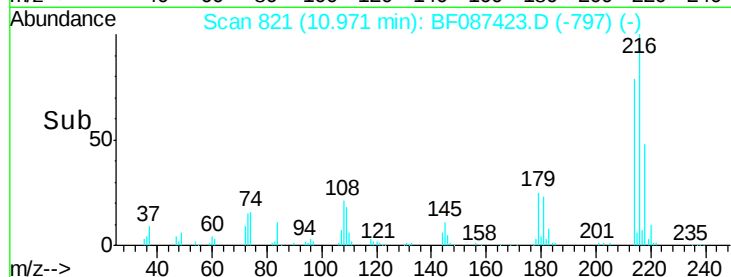
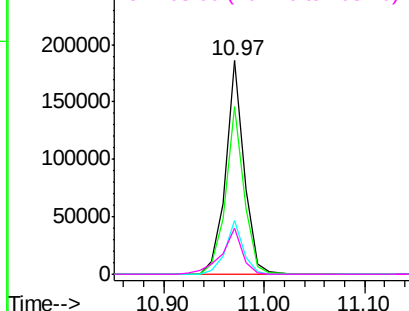
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		236961		
214	78.5		62.6	93.8	
179	23.8		18.2	27.4	
108	24.4		17.5	26.3	

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



#40

Hexachlorocyclopentadiene

Concen: 67.59 ng

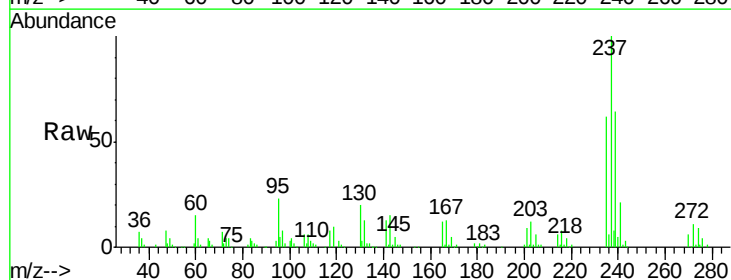
RT: 10.95 min Scan# 819

Delta R.T. -0.01 min

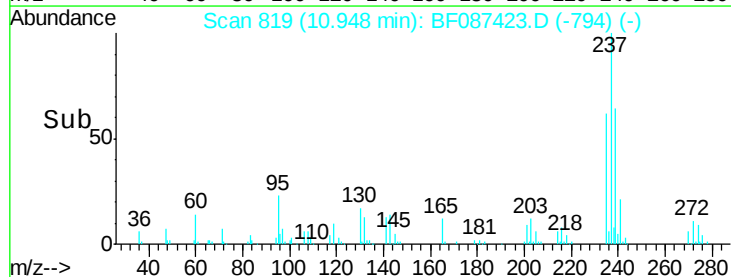
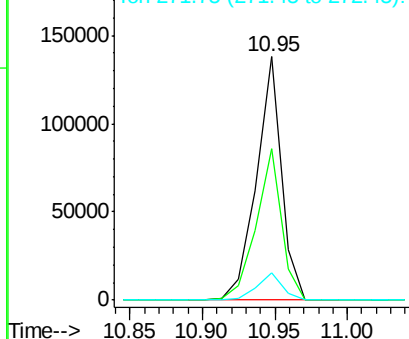
Lab File: BF087423.D

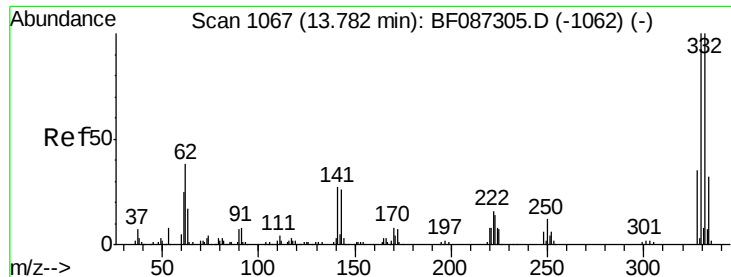
Acq: 26 May 2016 23:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		166112		
235	62.2		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





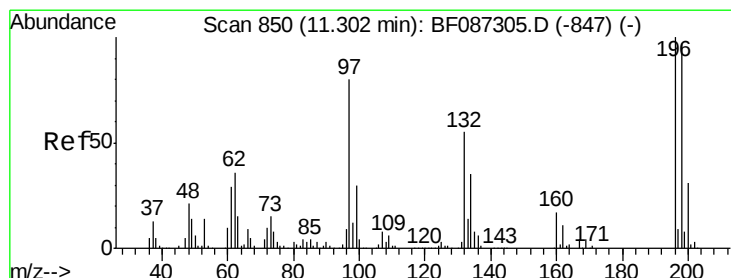
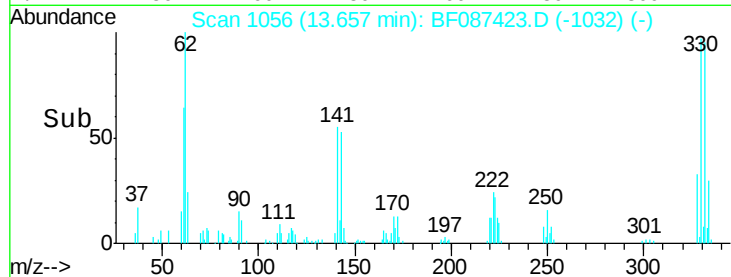
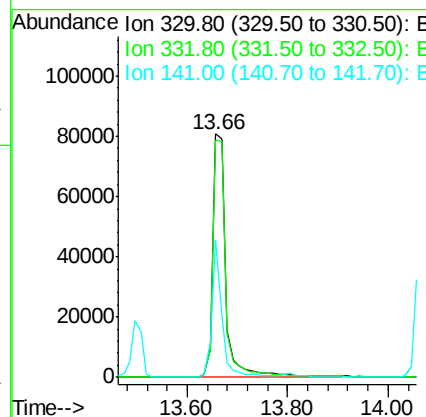
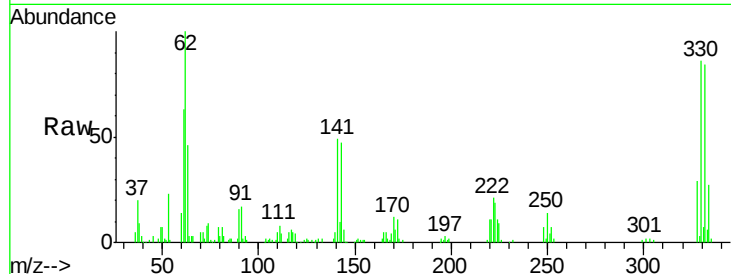
#41
 2,4,6-Tribromophenol
 Concen: 79.76 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.02 min
 Lab File: BF087423.D
 Acq: 26 May 2016 23:34

Instrument :
 BNA_F
 ClientSampled :
 PB90911BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	146607		
332	97.4	79.0	118.4	
141	42.9	31.2	46.8	

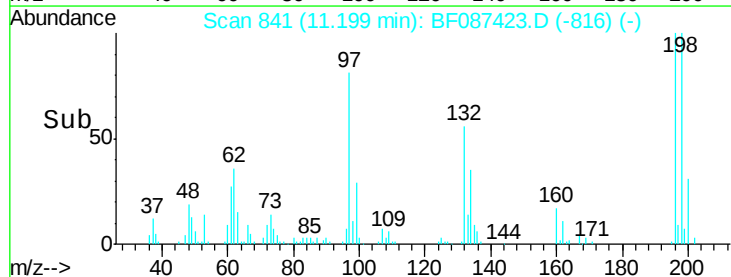
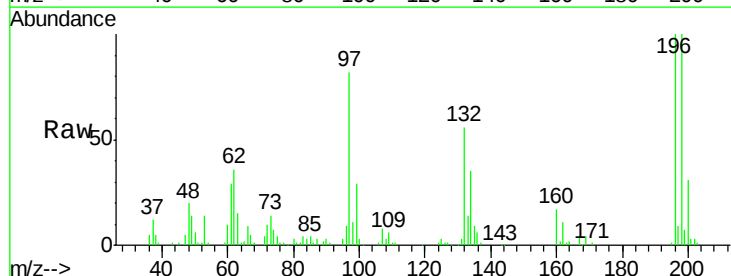
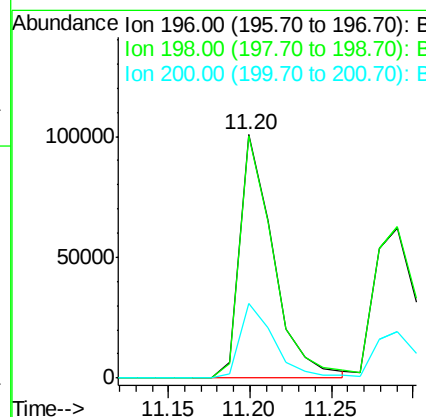
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#42
 2,4,6-Trichlorophenol
 Concen: 40.40 ng
 RT: 11.20 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF087423.D
 Acq: 26 May 2016 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	142796		
198	99.6	74.7	112.1	
200	30.9	23.8	35.6	





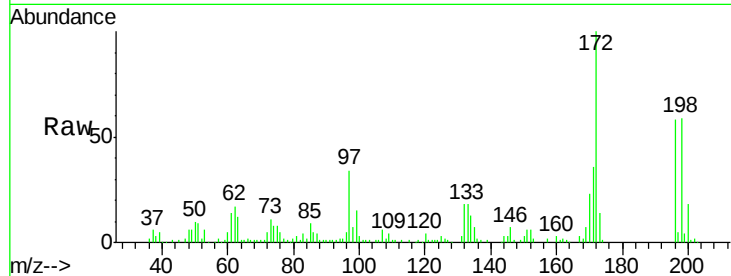
#43
 2,4,5-Trichlorophenol
 Concen: 40.51 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF087423.D
 Acq: 26 May 2016 23:34

Instrument :
 BNA_F
 ClientSampled :
 PB90911BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	145790		
198	101.3	77.5	116.3	
97	57.9	34.8	52.2	
132	31.3	23.0	34.4	

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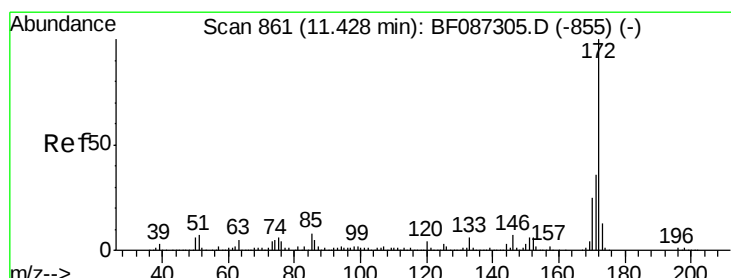
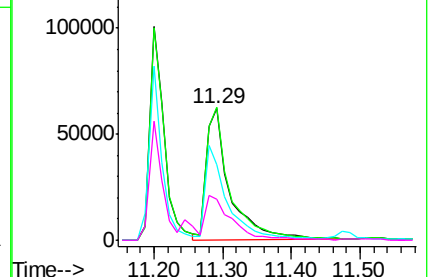
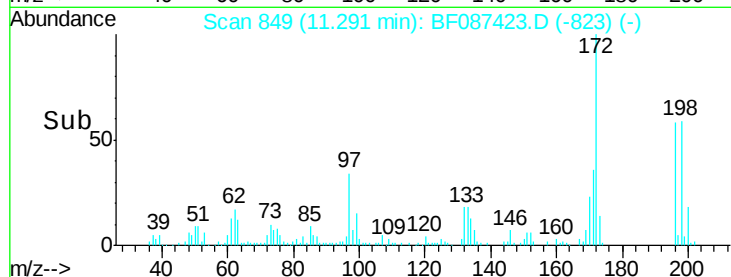
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

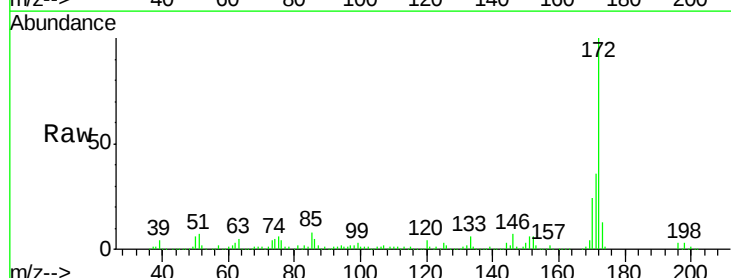
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.14 ng
 RT: 11.31 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BF087423.D
 Acq: 26 May 2016 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1060211		
171	36.1	29.0	43.6	
170	24.1	19.8	29.8	

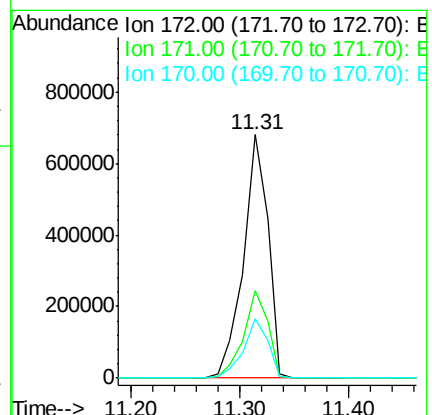
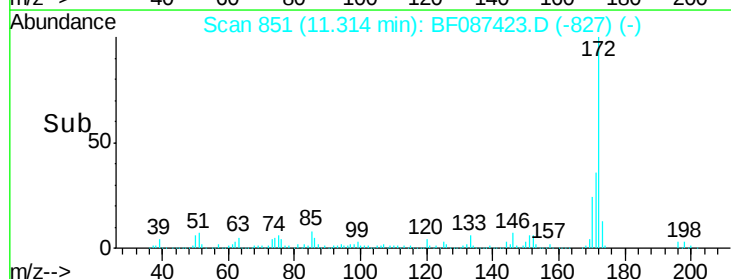


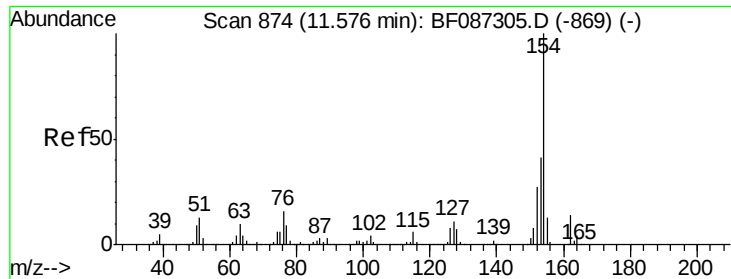
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





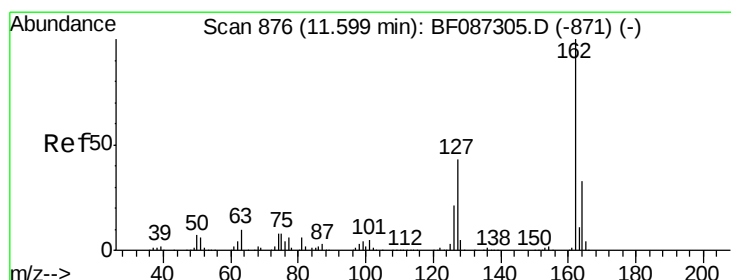
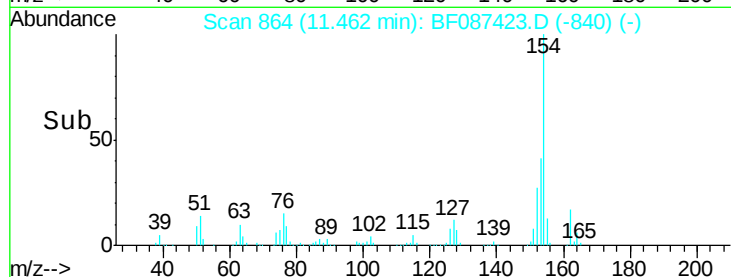
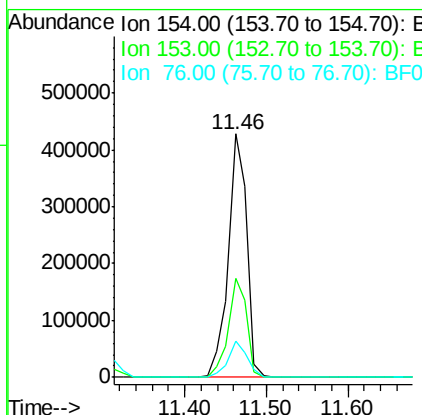
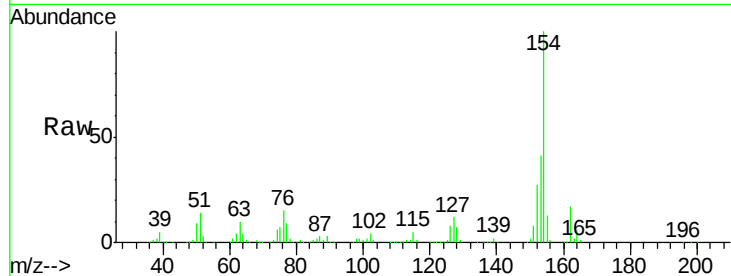
#45
 1,1'-Biphenyl
 Concen: 41.66 ng
 RT: 11.46 min Scan# 864
 Delta R.T. -0.02 min
 Lab File: BF087423.D
 Acq: 26 May 2016 23:34

Instrument :
 BNA_F
 ClientSampleId :
 PB90911BSD

Tot Ion:	154	Resp:	670899
Ion Ratio	Lower	Upper	
154	100		
153	40.7	20.3	60.3
76	14.8	0.0	30.2

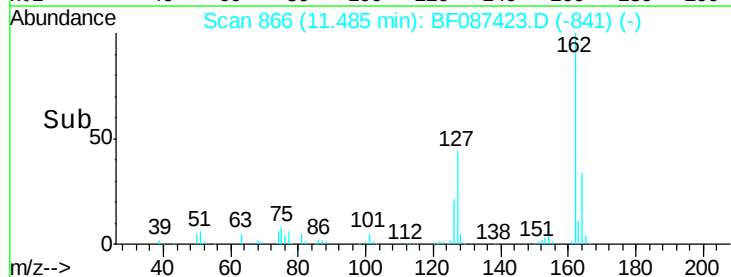
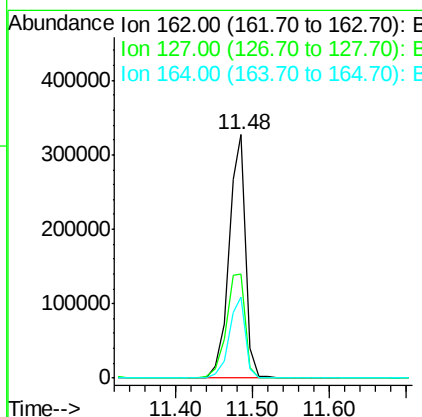
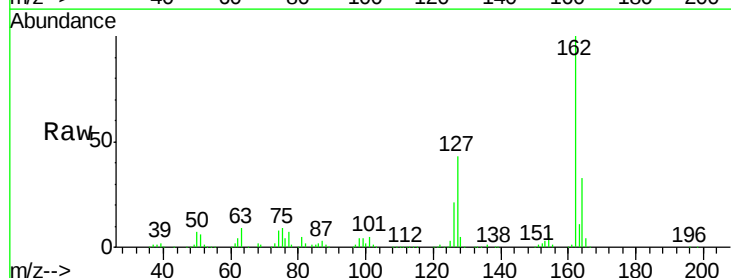
Manual Integrations
 APPROVED

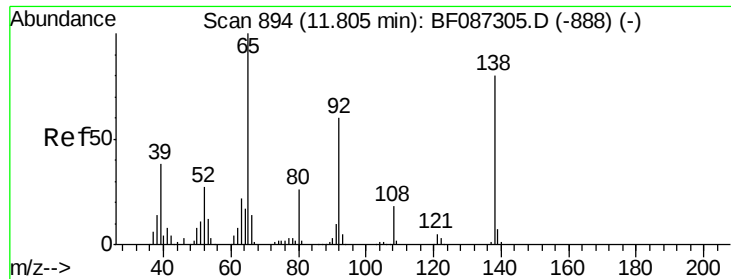
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#46
 2-Chloronaphthalene
 Concen: 40.74 ng
 RT: 11.48 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: BF087423.D
 Acq: 26 May 2016 23:34

Tgt Ion:	162	Resp:	501911
Ion Ratio	Lower	Upper	
162	100		
127	42.8	31.8	47.6
164	33.1	27.0	40.6





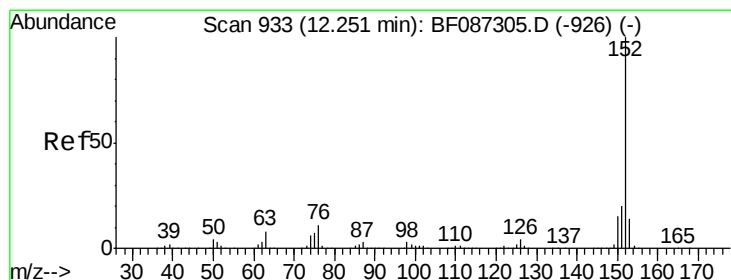
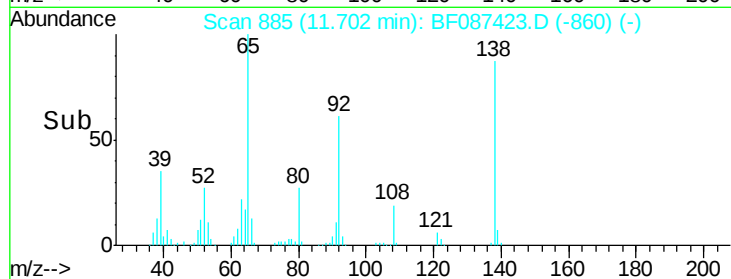
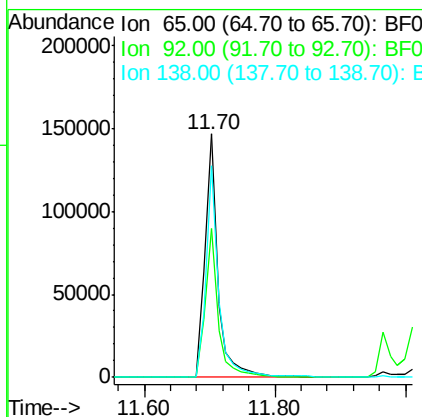
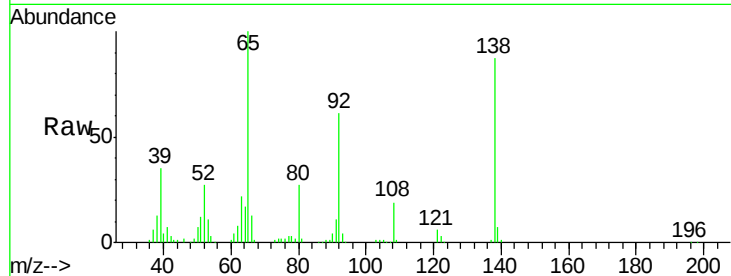
#47
2-Nitroaniline
Concen: 45.78 ng
RT: 11.70 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Instrument :
BNA_F
ClientSampleId :
PB90911BSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	203218		
92	61.4	57.4	86.2	
138	87.1	90.1	135.1	

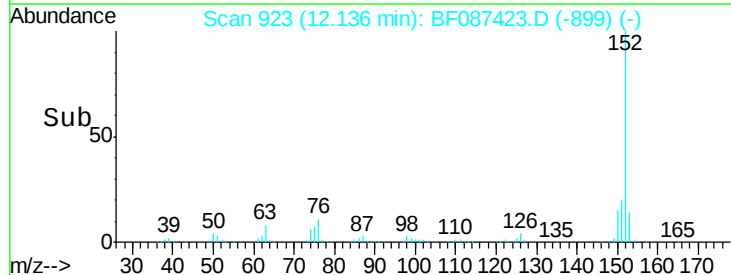
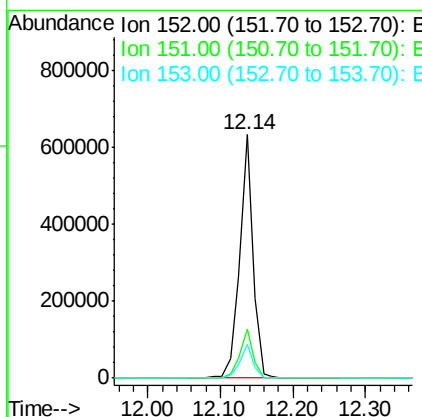
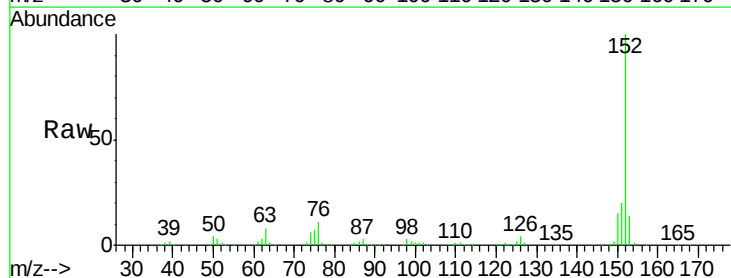
Manual Integrations
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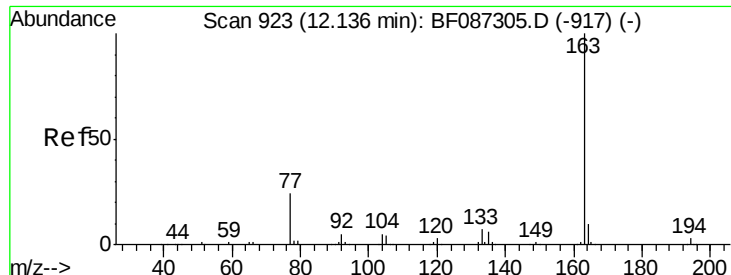
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#48
Acenaphthylene
Concen: 41.64 ng
RT: 12.14 min Scan# 923
Delta R.T. -0.02 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	812280		
151	20.4	16.8	25.2	
153	13.9	10.9	16.3	





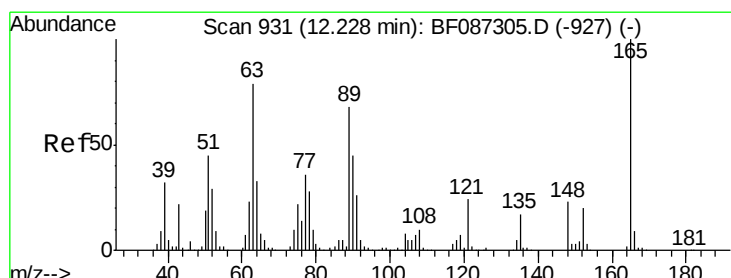
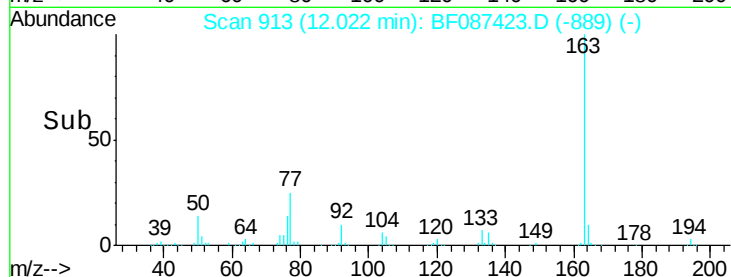
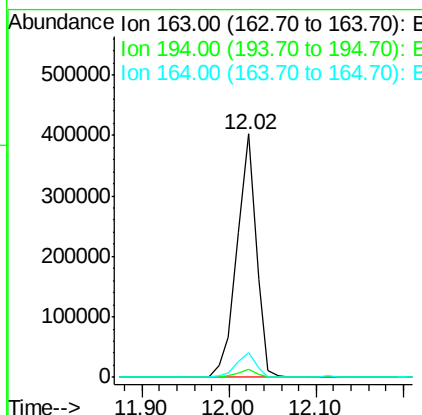
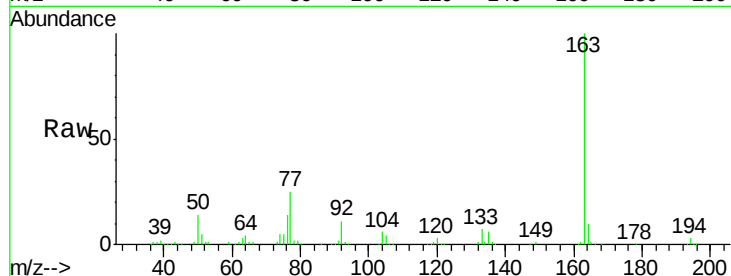
#49
Dimethylphthalate
Concen: 40.64 ng
RT: 12.02 min Scan# 913
Delta R.T. -0.02 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Instrument :
BNA_F
ClientSampleId :
PB90911BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	622760		
194	3.1	2.6	4.0	
164	10.0	8.2	12.4	

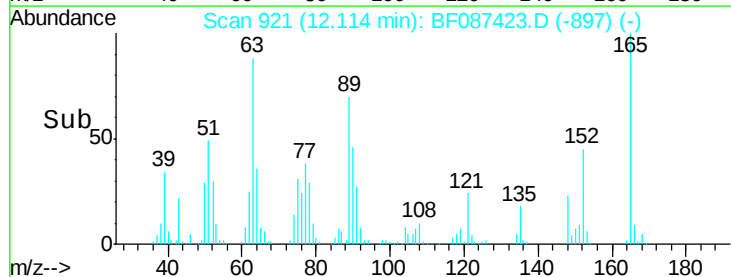
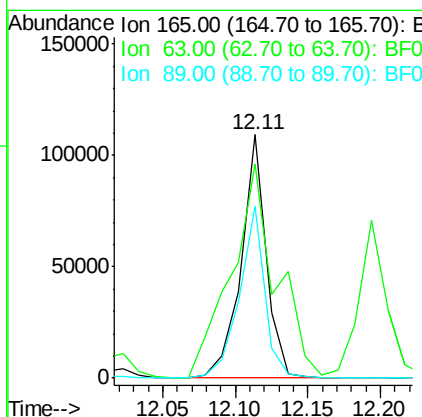
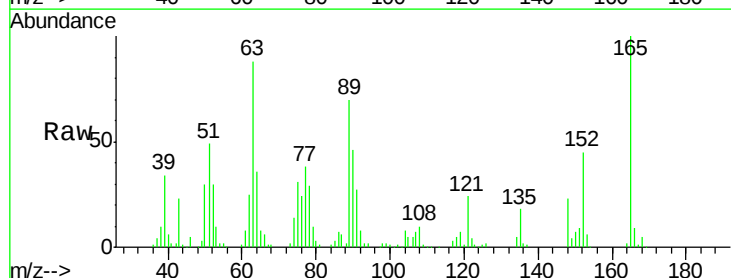
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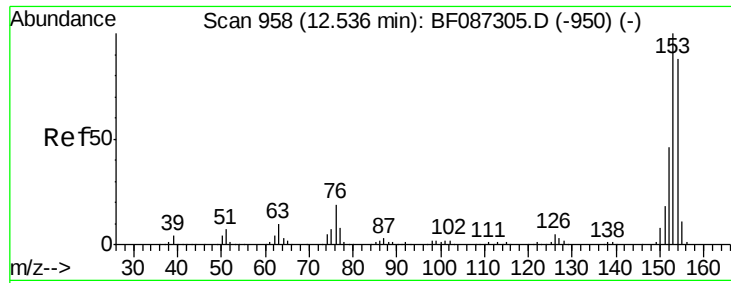
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#50
2,6-Dinitrotoluene
Concen: 42.56 ng
RT: 12.11 min Scan# 921
Delta R.T. -0.02 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	131417		
63	88.0	51.8	77.8#	
89	70.4	50.7	76.1	





#51

Acenaphthene

Concen: 41.86 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF087423.D

Acq: 26 May 2016 23:34

Instrument :

BNA_F

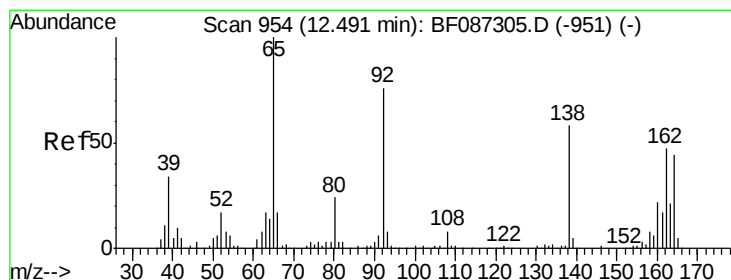
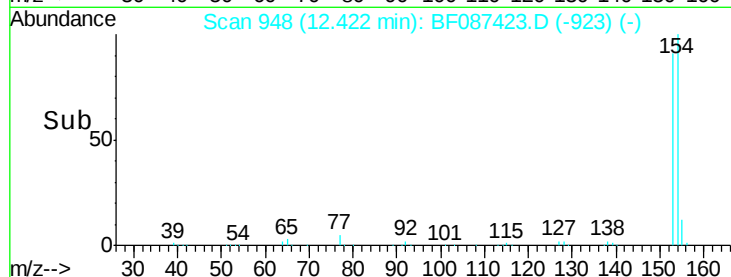
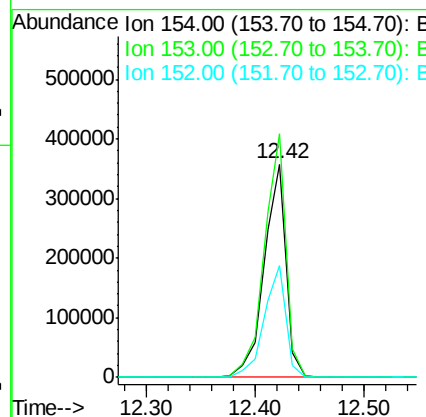
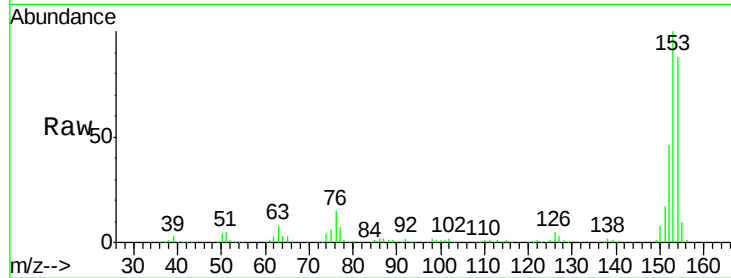
ClientSampled :

PB90911BSD

Tot Ion:	154	Resp:	501816
Ion Ratio	Lower	Upper	
154	100		
153	114.2	89.8	134.6
152	52.4	43.4	65.0

Manual Integrations
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#52

3-Nitroaniline

Concen: 20.23 ng

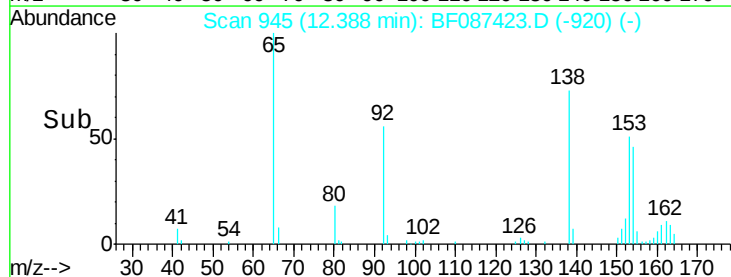
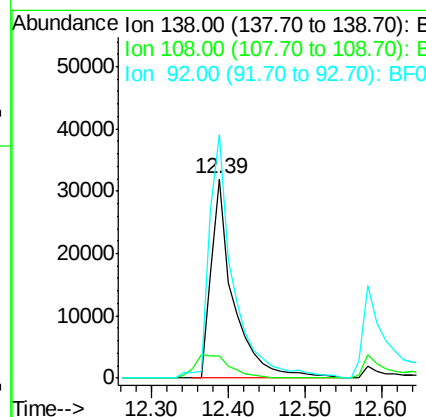
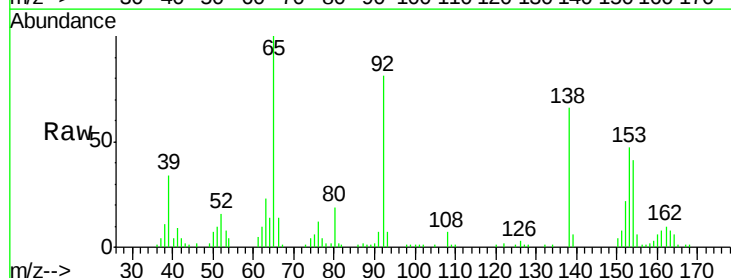
RT: 12.39 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF087423.D

Acq: 26 May 2016 23:34

Tgt Ion:	138	Resp:	64093
Ion Ratio	Lower	Upper	
138	100		
108	11.0	7.8	11.6
92	122.1	87.8	131.8





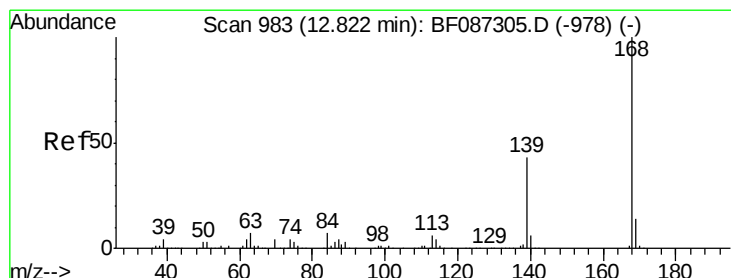
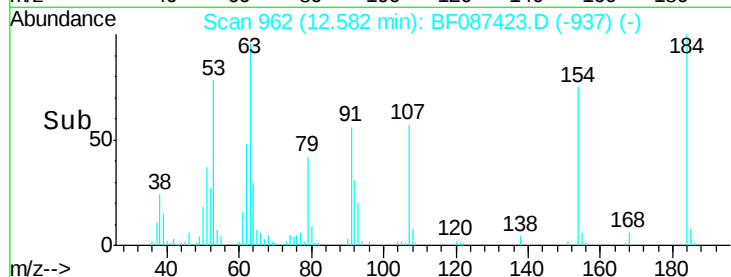
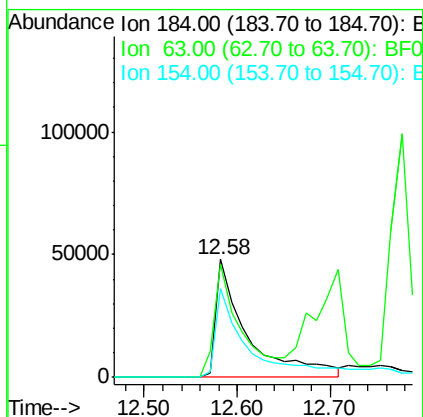
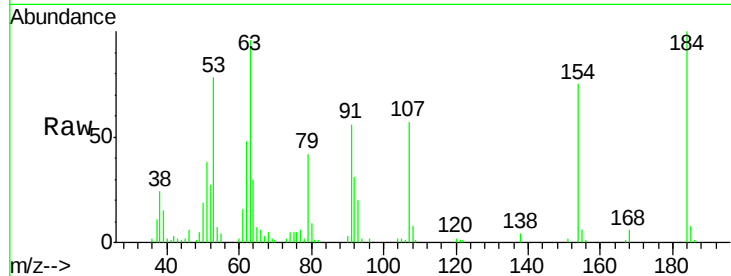
#53
2,4-Dinitrophenol
Concen: 72.07 ng
RT: 12.58 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Instrument :
BNA_F
ClientSampled :
PB90911BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	95.8	55.8	83.8#	
154	75.4	62.4	93.6	

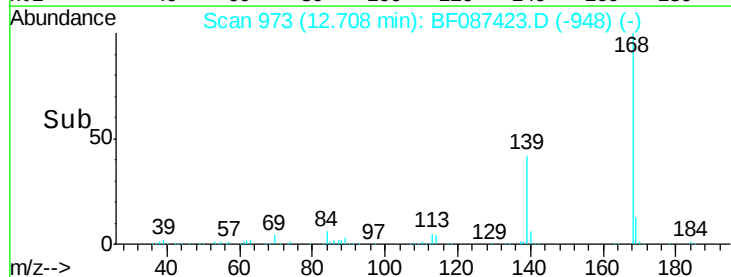
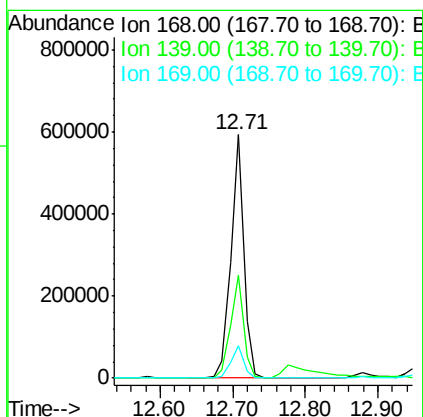
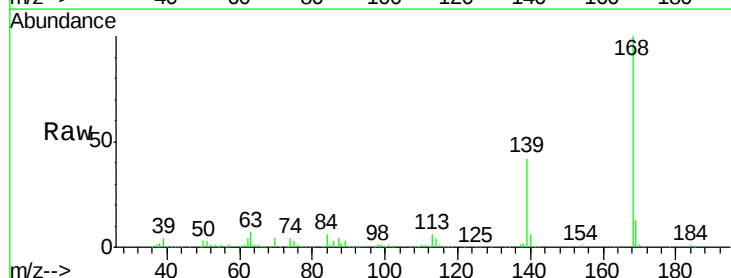
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#54
Dibenzofuran
Concen: 45.38 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	42.4	31.4	47.0	
169	13.3	10.7	16.1	





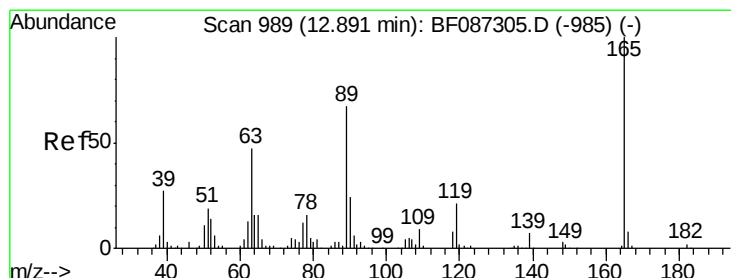
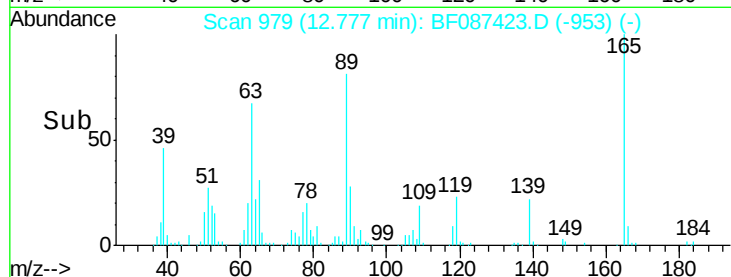
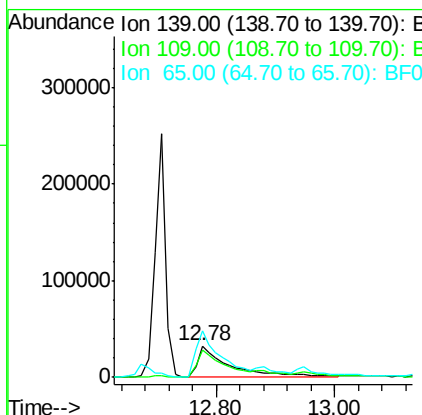
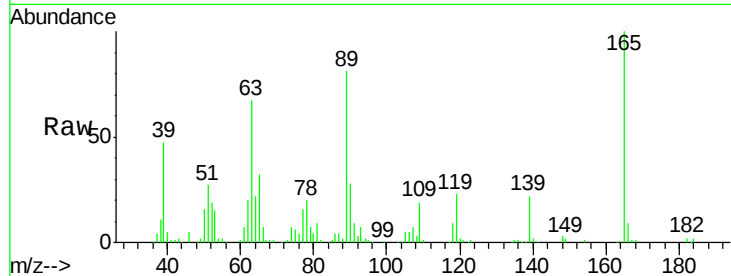
#55
4-Nitrophenol
Concen: 78.20 ng
RT: 12.78 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Instrument :
BNA_F
ClientSampleId :
PB90911BSD

Tot Ion:139 Resp: 118206
Ion Ratio Lower Upper
139 100
109 86.6 36.9 76.9#
65 147.8 64.0 104.0#

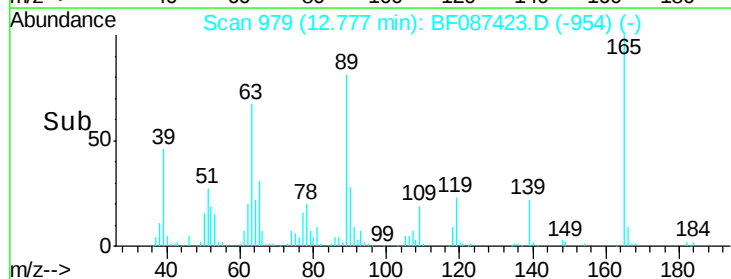
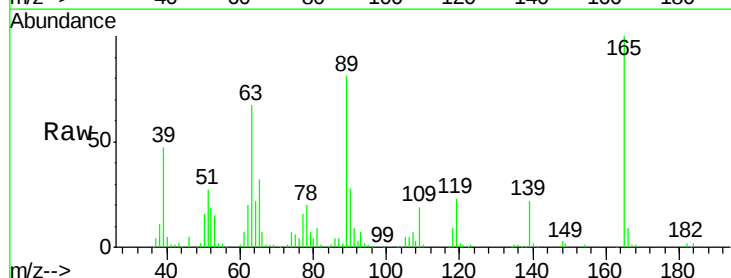
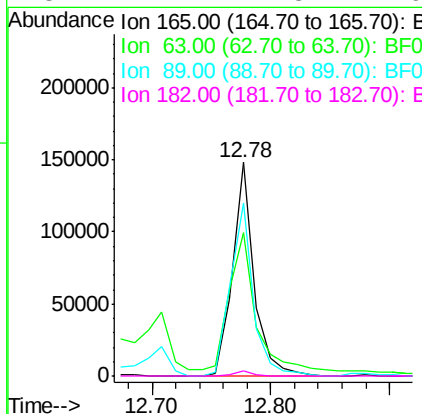
Manual Integrations
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#56
2,4-Dinitrotoluene
Concen: 45.16 ng
RT: 12.78 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Tgt Ion:165 Resp: 186375
Ion Ratio Lower Upper
165 100
63 66.9 44.3 66.5#
89 81.0 70.0 105.0
182 2.2 1.8 2.6





#57

Fluorene

Concen: 41.54 ng

RT: 13.26 min Scan# 1021

Delta R.T. -0.02 min

Lab File: BF087423.D

Acq: 26 May 2016 23:34

Instrument :

BNA_F

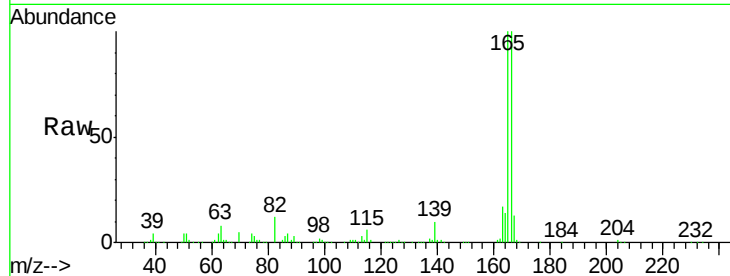
ClientSampleId :

PB90911BSD

Tot Ion:	166	Resp:	584681
Ion Ratio	Lower	Upper	
166	100		
165	100.0	79.0	118.6
167	13.4	10.6	15.8

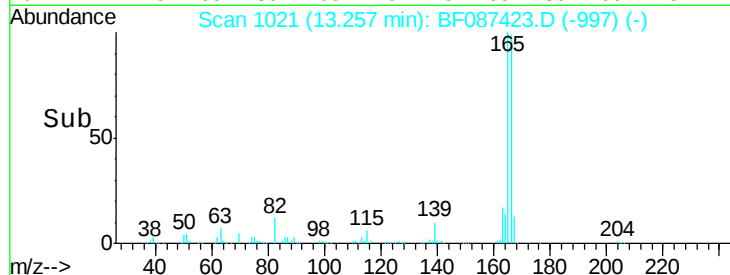
Manual Integrations
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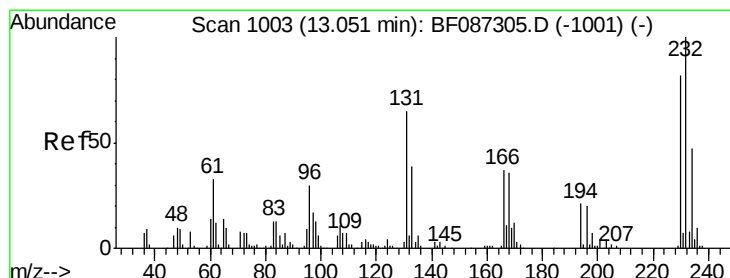


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

13.26



Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.56 ng

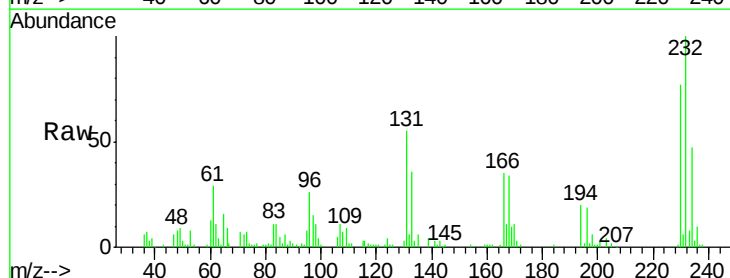
RT: 12.95 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF087423.D

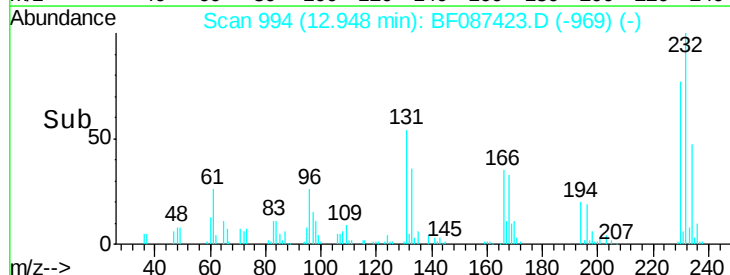
Acq: 26 May 2016 23:34

Tgt Ion:	232	Resp:	126133
Ion Ratio	Lower	Upper	
232	100		
131	55.3	41.9	62.9
130	2.7	2.2	3.4
166	34.0	26.8	40.2

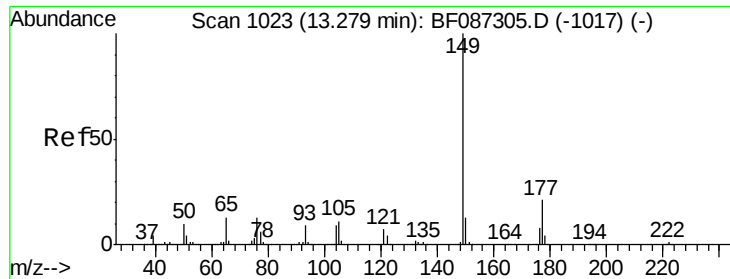


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

12.95



Time-->



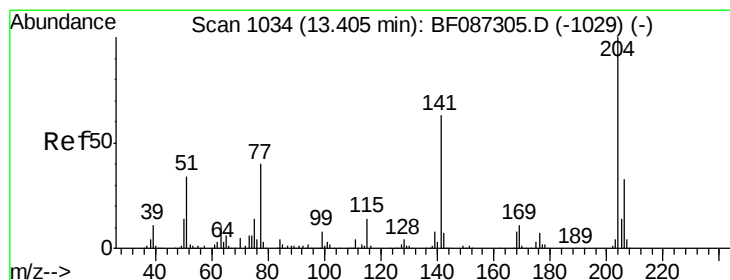
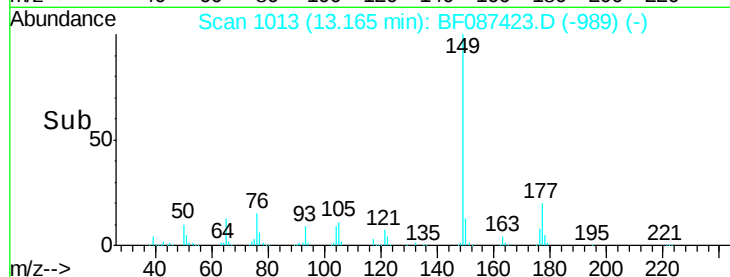
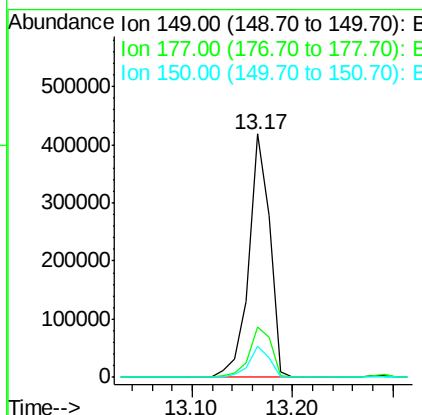
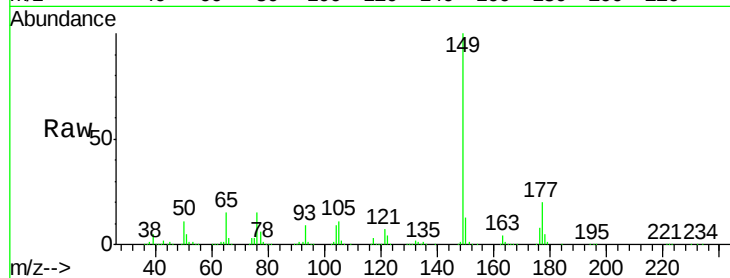
#59
Diethylphthalate
Concen: 40.67 ng
RT: 13.17 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Instrument :
BNA_F
ClientSampleId :
PB90911BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	605837		
177	20.5	16.6	24.8	
150	12.9	10.0	15.0	

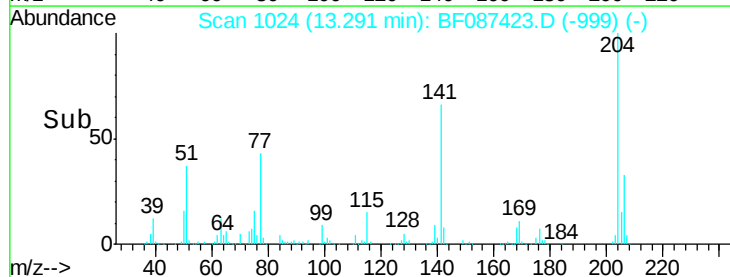
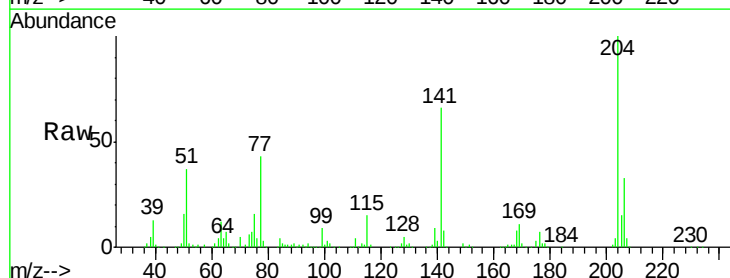
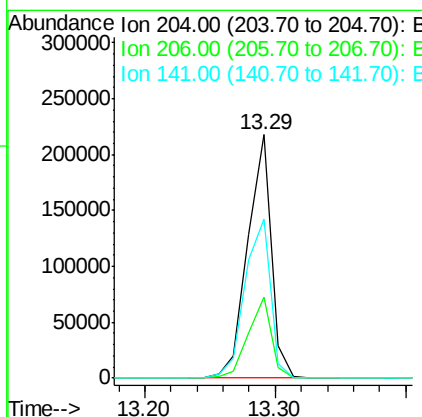
Manual Integrations
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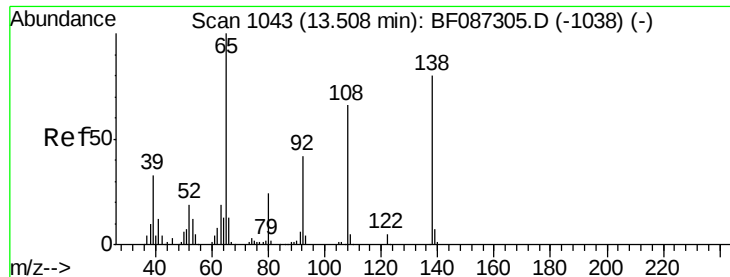
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#60
4-Chlorophenyl-phenylether
Concen: 39.99 ng
RT: 13.29 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	274511		
206	33.4	25.4	38.0	
141	65.6	61.6	92.4	





#61

4-Nitroaniline

Concen: 41.58 ng

RT: 13.38 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF087423.D

Acq: 26 May 2016 23:34

Instrument :

BNA_F

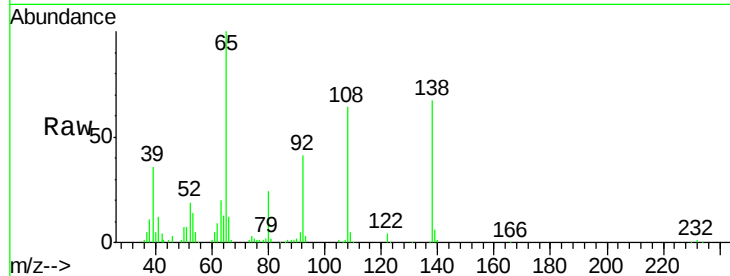
ClientSampled :

PB90911BSD

Tot Ion:	138	Resp:	122976
Ion Ratio	Lower	Upper	
138	100		
92	60.5	24.7	64.7
108	95.8	37.4	77.4#

Manual Integrations
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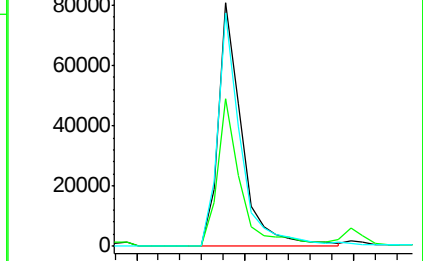
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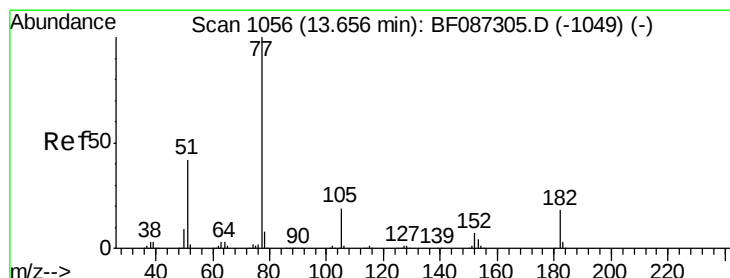
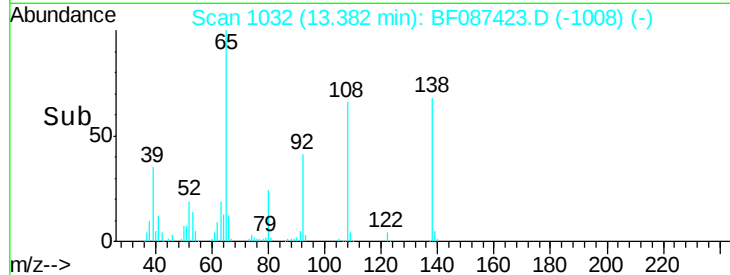
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



Time-->



#62

Azobenzene

Concen: 46.92 ng

RT: 13.54 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BF087423.D

Acq: 26 May 2016 23:34

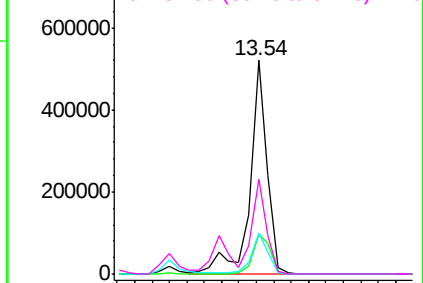
Tgt Ion:	77	Resp:	725085
Ion Ratio	Lower	Upper	
77	100		
182	18.4	0.0	38.8
105	19.4	3.2	43.2
51	44.5	8.8	48.8

Abundance Ion 77.00 (76.70 to 77.70): BF0

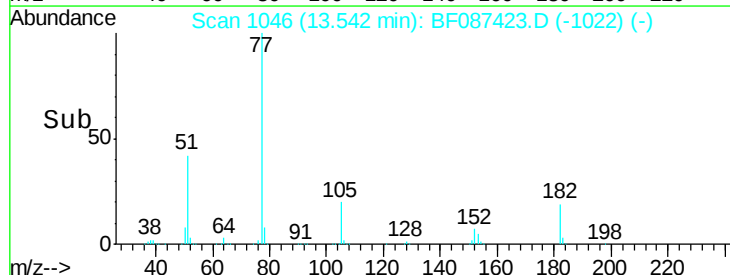
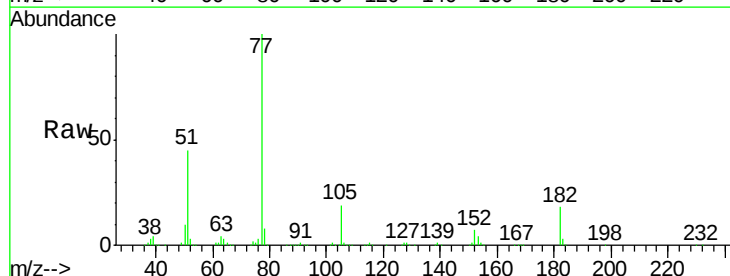
Ion 182.00 (181.70 to 182.70): E

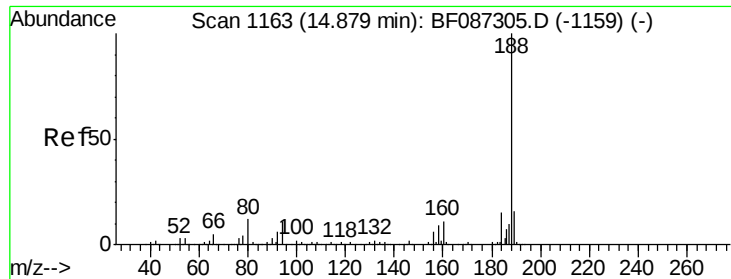
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



Time-->





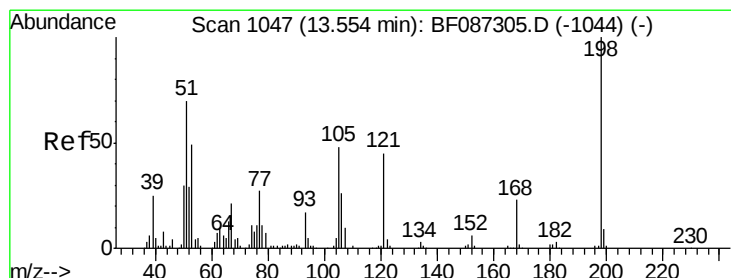
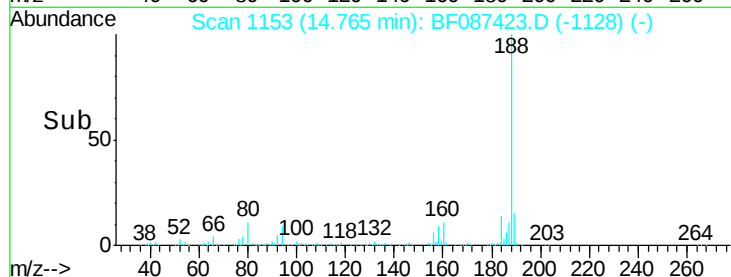
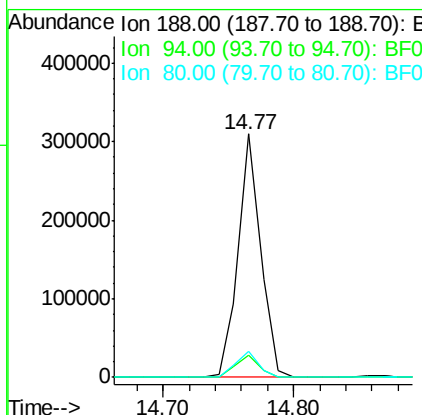
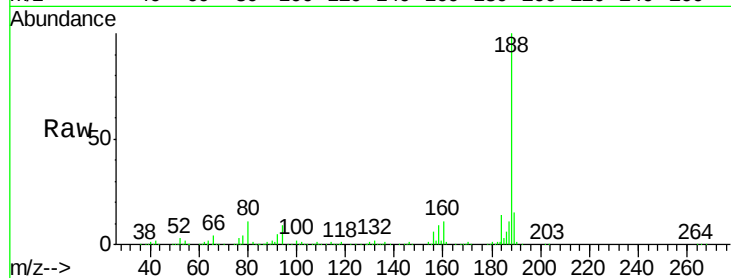
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Instrument :
BNA_F
ClientSampleId :
PB90911BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.3	6.8	10.2
80	10.7	7.1	10.7#

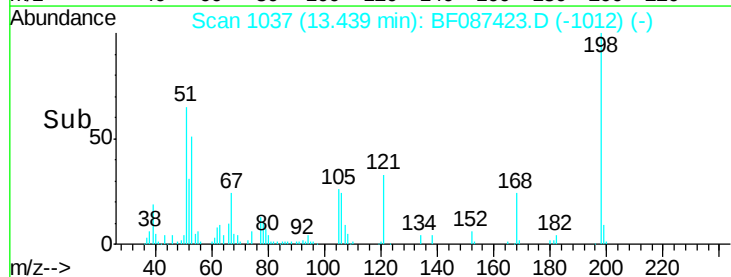
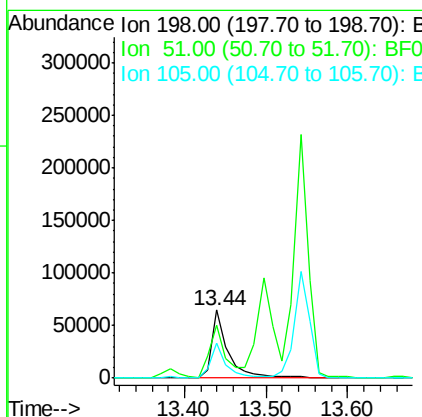
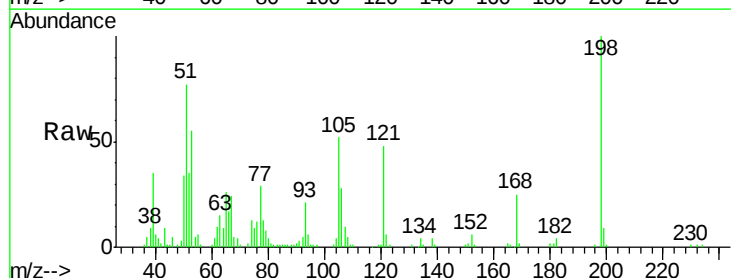
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.25 ng
RT: 13.44 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	77.1	20.5	60.5#
105	51.7	24.5	64.5





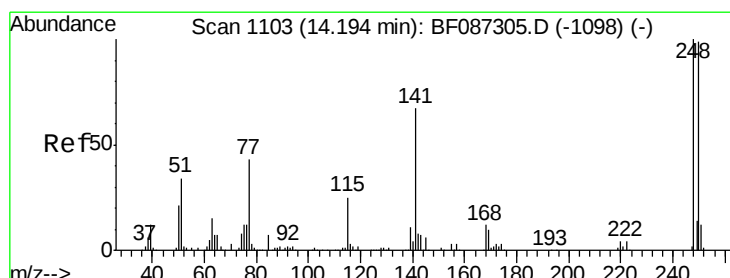
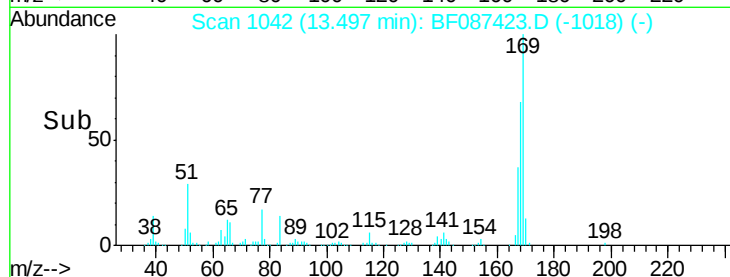
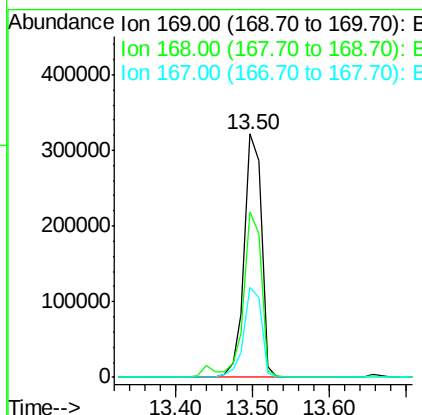
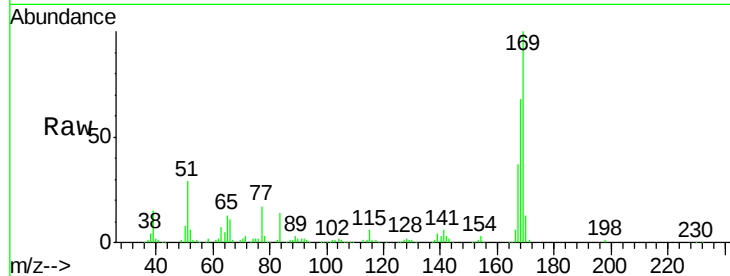
#65
n-Nitrosodiphenylamine
Concen: 42.07 ng
RT: 13.50 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Instrument :
BNA_F
ClientSampleId :
PB90911BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	505575		
168	68.2		53.8	80.6
167	37.0		29.5	44.3

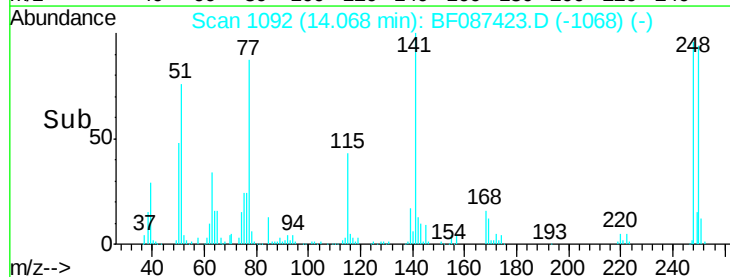
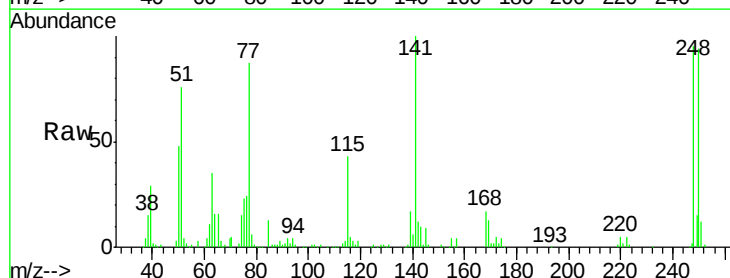
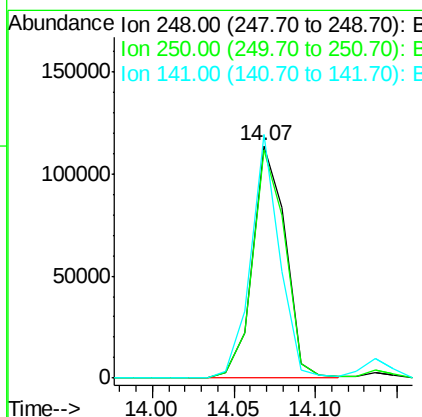
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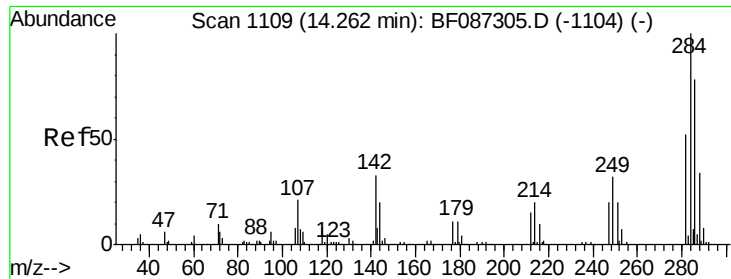
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#66
4-Bromophenyl-phenylether
Concen: 38.99 ng
RT: 14.07 min Scan# 1092
Delta R.T. -0.02 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	158493		
250	98.1		78.6	117.8
141	104.7		76.0	114.0





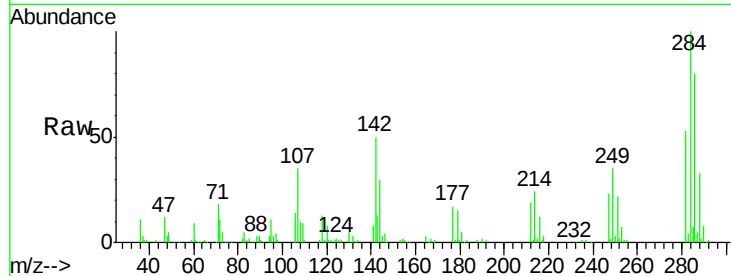
#67
Hexachlorobenzene
Concen: 39.71 ng
RT: 14.14 min Scan# 1098
Delta R.T. -0.02 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Instrument :
BNA_F
ClientSampleId :
PB90911BSD

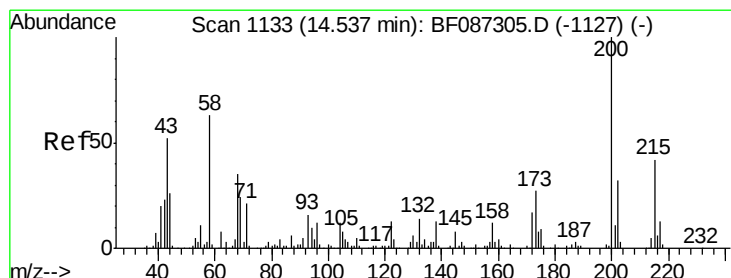
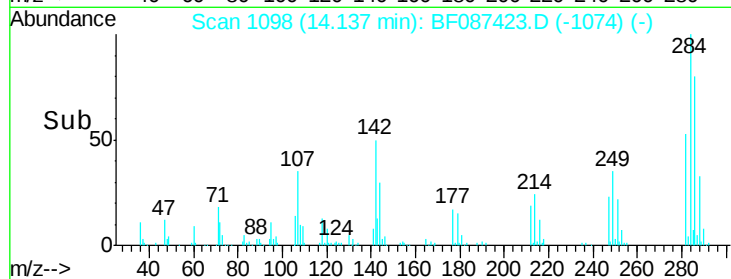
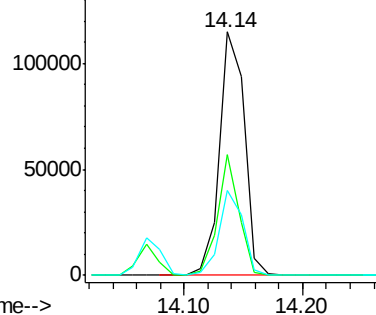
Tot Ion	Ratio	Resp	Lower	Upper
284	100	168832		
142	49.8	16.7	25.1#	
249	35.1	21.3	31.9#	

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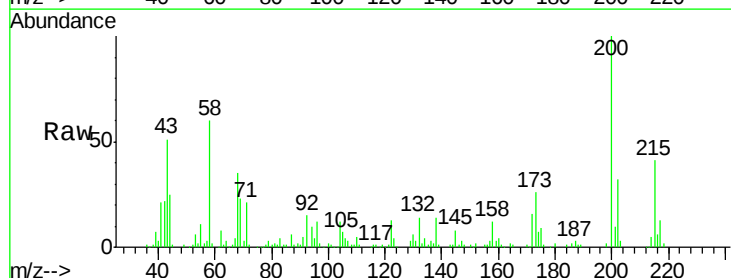


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

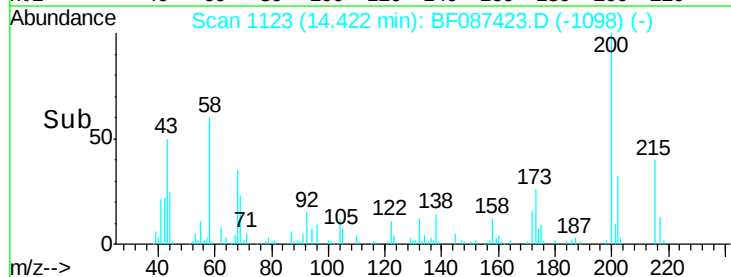
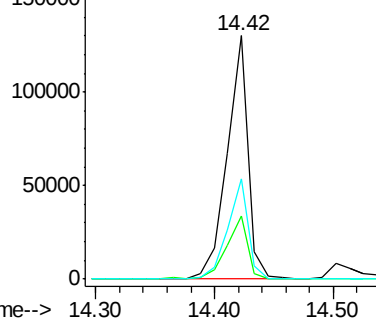


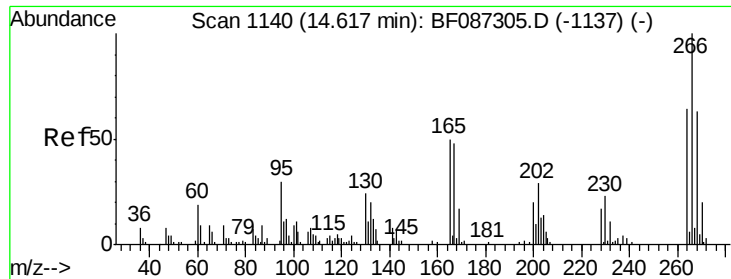
#68
Atrazine
Concen: 41.94 ng
RT: 14.42 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	160641		
173	26.0	8.5	48.5	
215	41.4	27.2	67.2	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





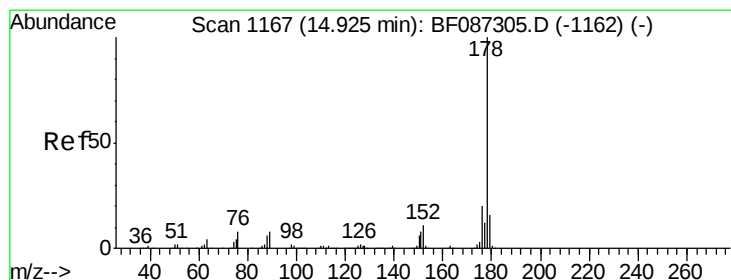
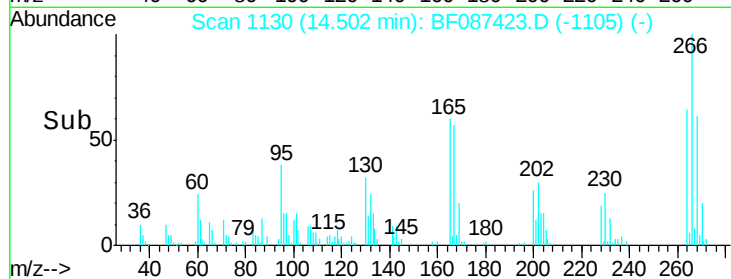
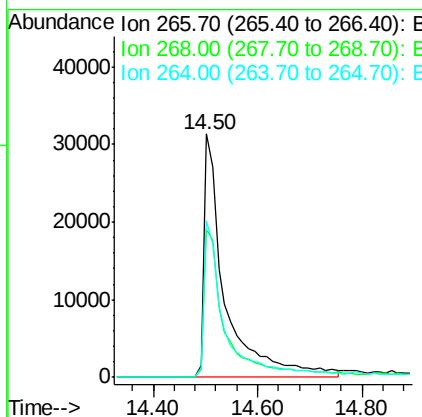
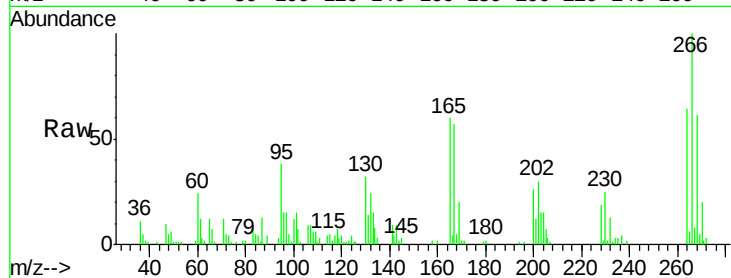
#69
 Pentachlorophenol
 Concen: 67.73 ng
 RT: 14.50 min Scan# 1130
 Delta R.T. -0.01 min
 Lab File: BF087423.D
 Acq: 26 May 2016 23:34

Instrument :
 BNA_F
 ClientSampleId :
 PB90911BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	88139		
268	60.9	51.5	77.3	
264	64.1	52.9	79.3	

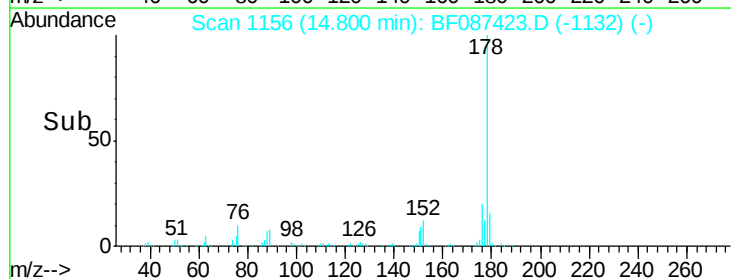
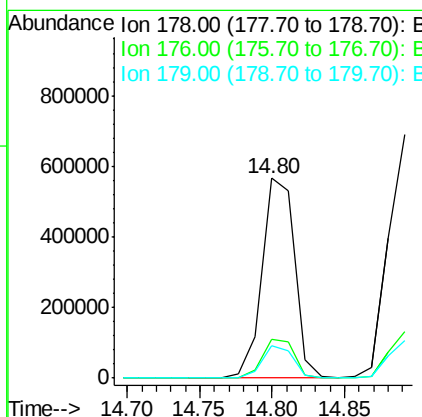
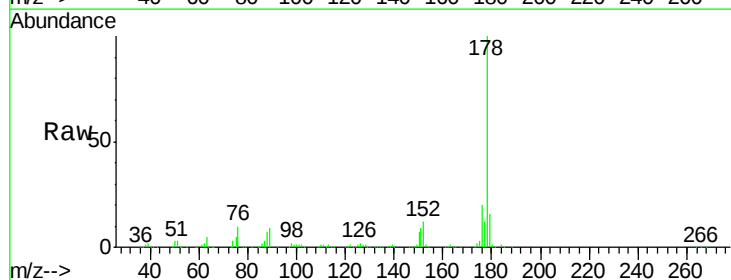
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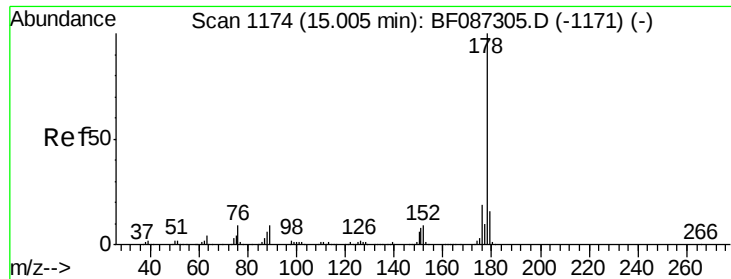
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#70
 Phenanthrene
 Concen: 42.89 ng
 RT: 14.80 min Scan# 1156
 Delta R.T. -0.02 min
 Lab File: BF087423.D
 Acq: 26 May 2016 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	882832		
176	19.8	16.0	24.0	
179	16.0	12.6	18.8	





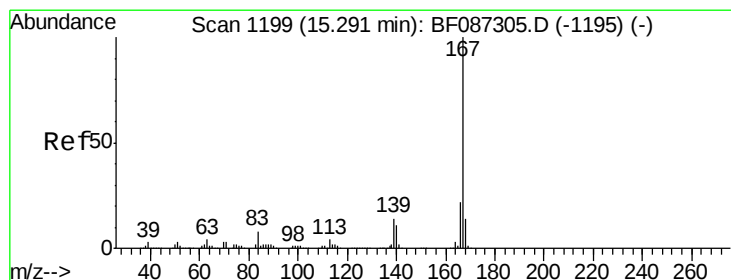
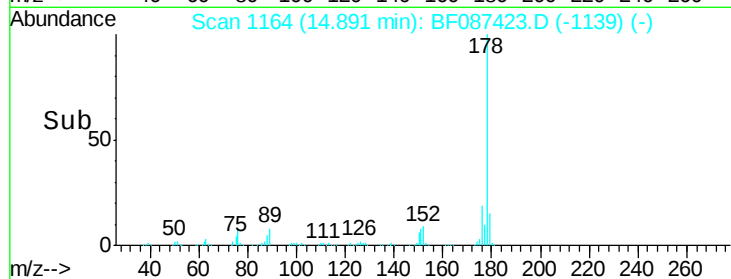
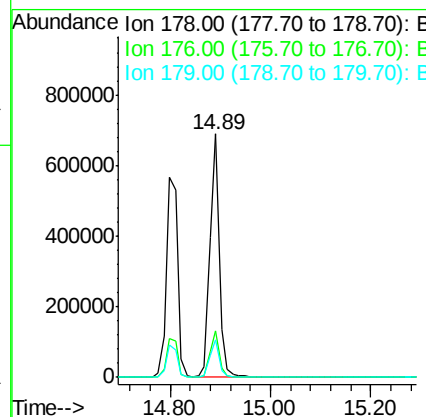
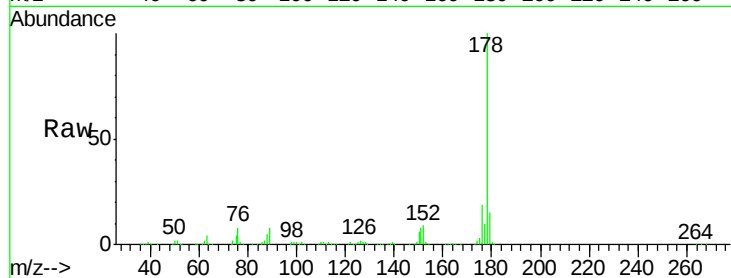
#71
 Anthracene
 Concen: 43.35 ng
 RT: 14.89 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF087423.D
 Acq: 26 May 2016 23:34

Instrument :
 BNA_F
 ClientSampleId :
 PB90911BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100				
176	19.2	15.6	23.4		
179	15.3	12.7	19.1		

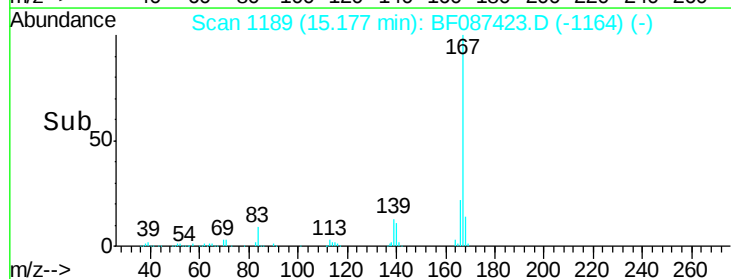
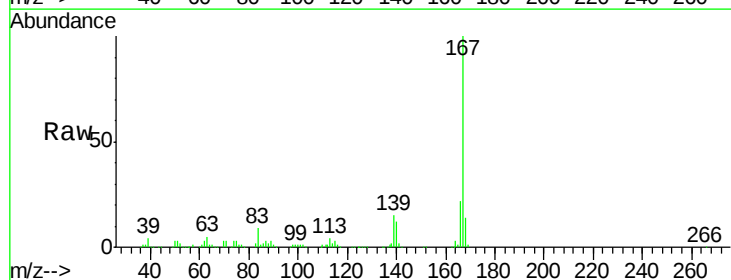
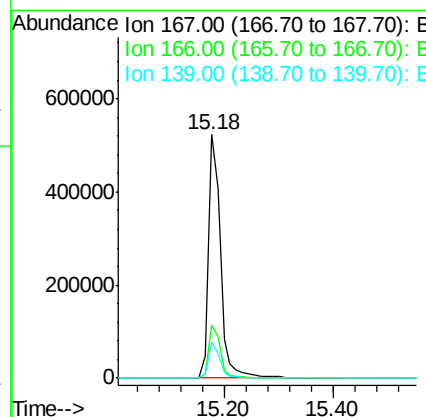
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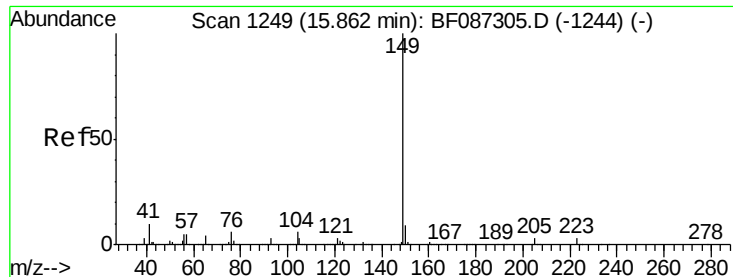
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#72
 Carbazole
 Concen: 44.90 ng
 RT: 15.18 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF087423.D
 Acq: 26 May 2016 23:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
167	100				
166	21.9	17.7	26.5		
139	15.1	10.8	16.2		





#73

Di-n-butylphthalate

Concen: 40.96 ng

RT: 15.76 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF087423.D

Acq: 26 May 2016 23:34

Instrument :

BNA_F

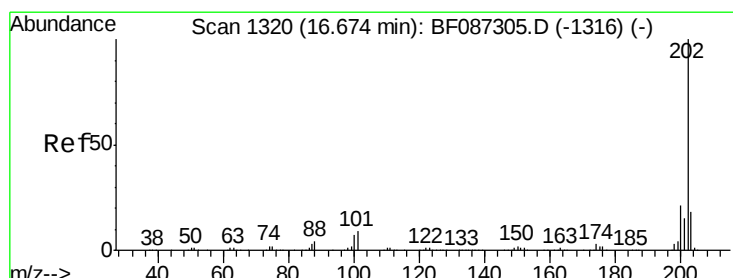
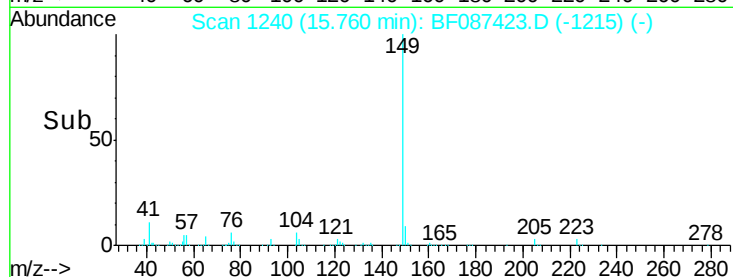
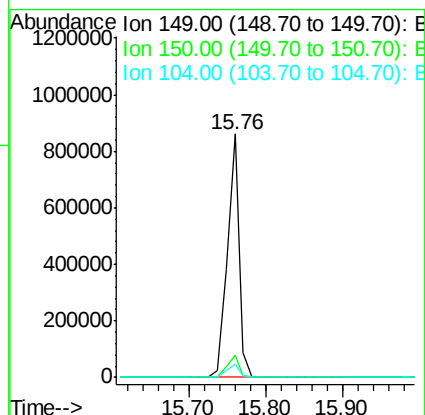
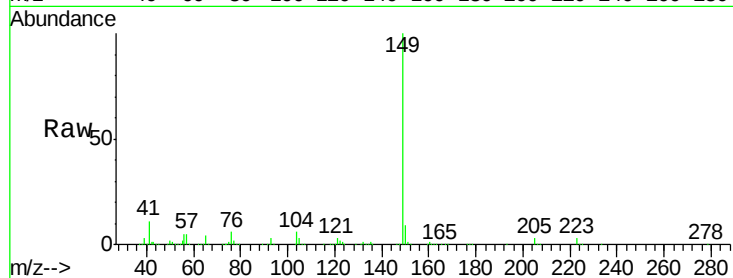
ClientSampleId :

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Tot Ion:	149	Resp:	939258
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.6	11.4
104	5.6	3.8	5.6#

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#74

Fluoranthene

Concen: 43.04 ng

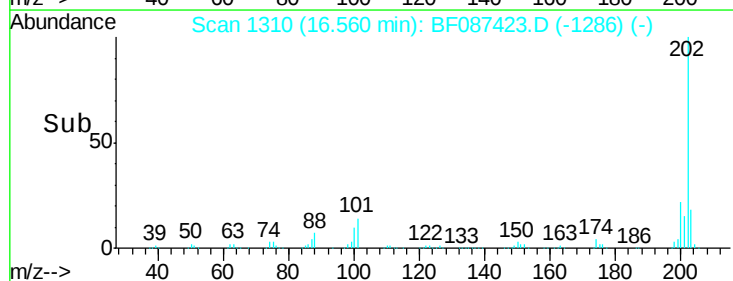
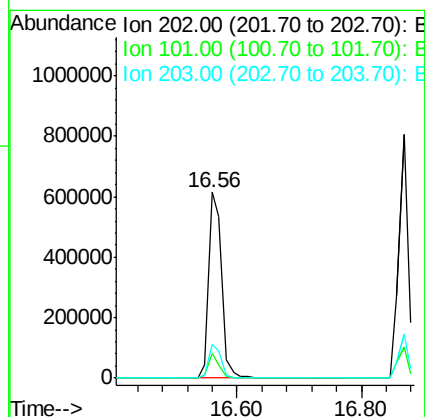
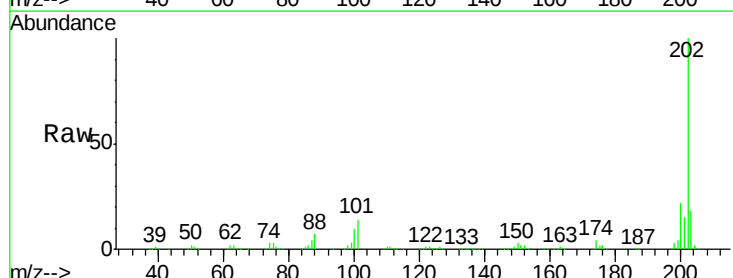
RT: 16.56 min Scan# 1310

Delta R.T. -0.02 min

Lab File: BF087423.D

Acq: 26 May 2016 23:34

Tgt Ion:	202	Resp:	888407
Ion Ratio	Lower	Upper	
202	100		
101	13.5	0.0	35.4
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.46 min Scan# 1476

Delta R.T. -0.02 min

Lab File: BF087423.D

Acq: 26 May 2016 23:34

Instrument :

BNA_F

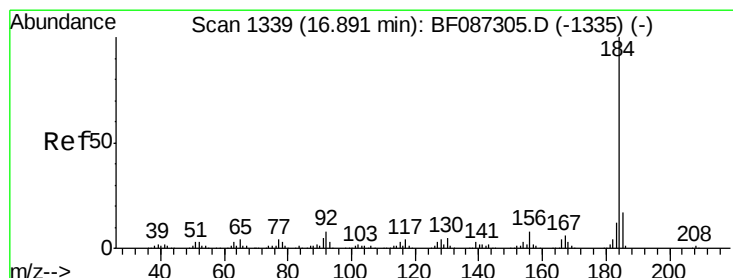
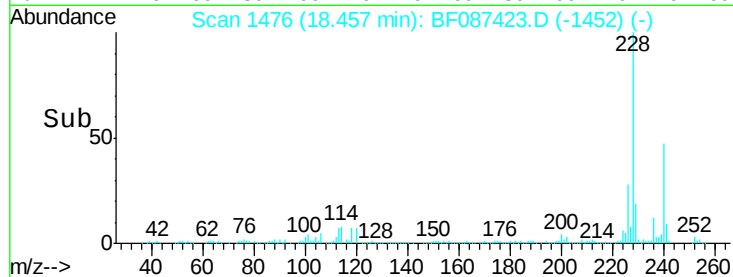
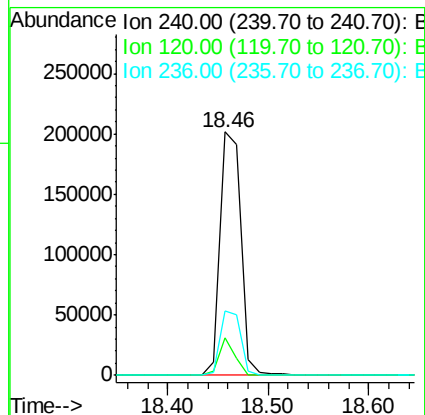
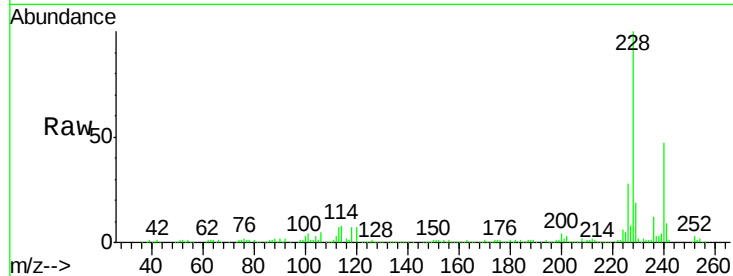
ClientSampleId :

PB90911BSD

Tot Ion:	240	Resp:	290552
Ion Ratio	Lower	Upper	
240	100		
120	15.4	11.2	16.8
236	26.5	21.2	31.8

Manual Integrations
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#76

Benzidine

Concen: 28.21 ng

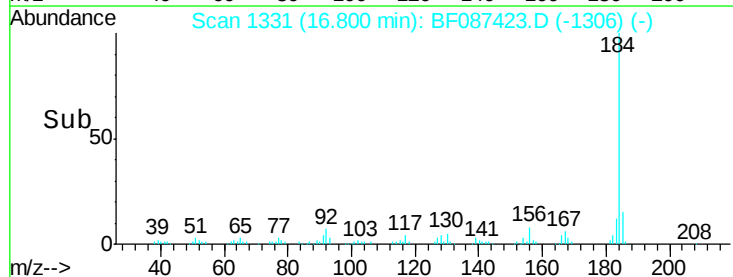
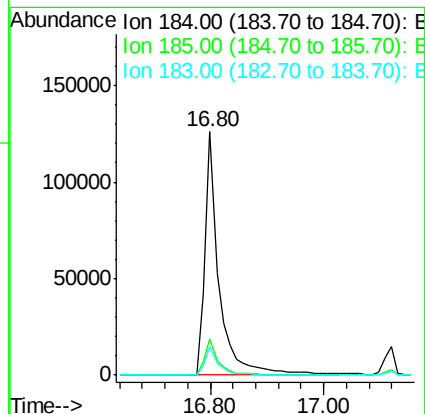
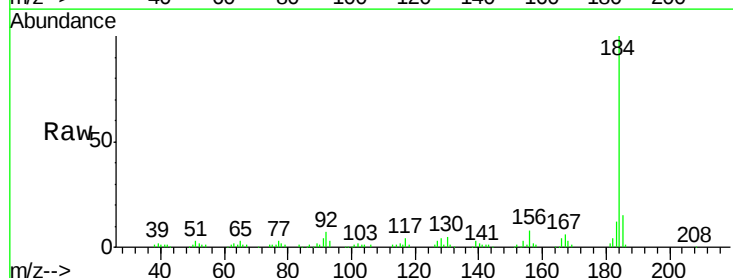
RT: 16.80 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF087423.D

Acq: 26 May 2016 23:34

Tgt Ion:	184	Resp:	210930
Ion Ratio	Lower	Upper	
184	100		
185	14.7	13.6	20.4
183	11.5	9.8	14.6





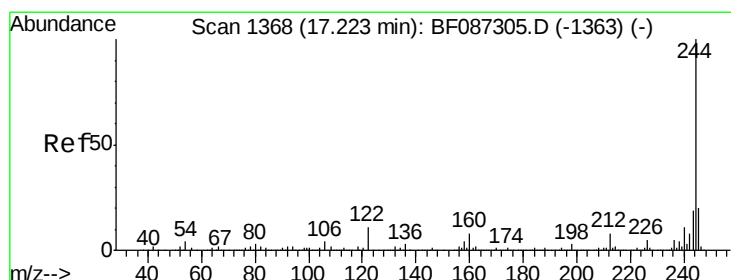
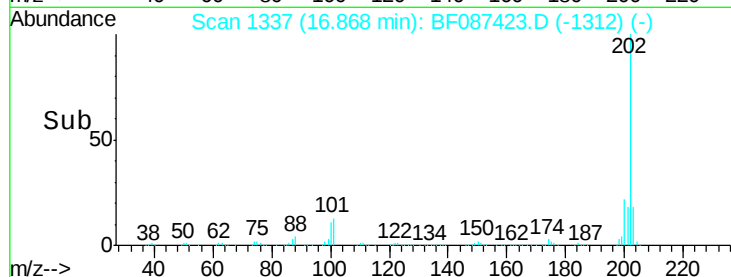
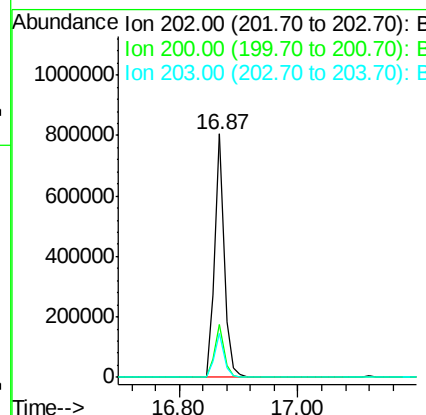
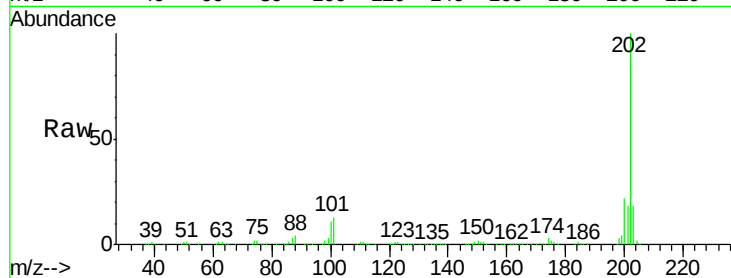
#77
Pvrene
Concen: 43.20 ng
RT: 16.87 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Instrument :
BNA_F
ClientSampleId :
PB90911BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.7	26.5
203	18.2	14.2	21.4

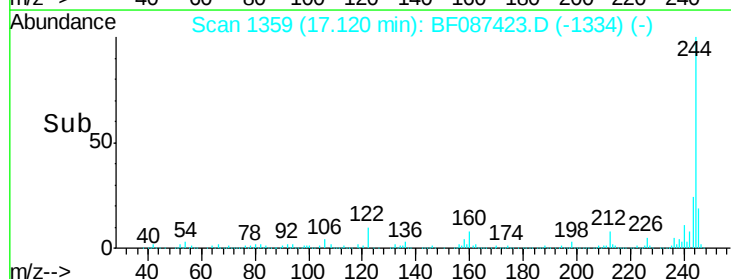
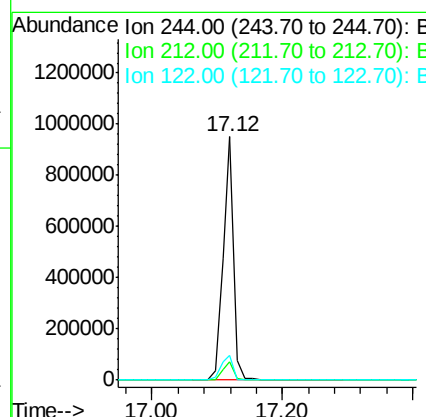
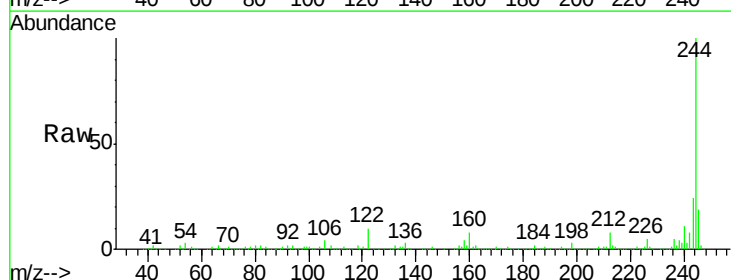
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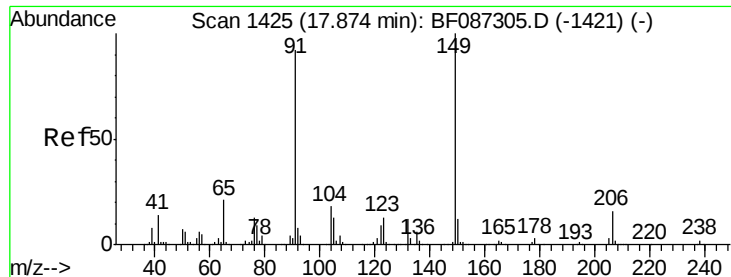
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#78
Terphenyl-d14
Concen: 78.61 ng
RT: 17.12 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	10.3	12.0	18.0





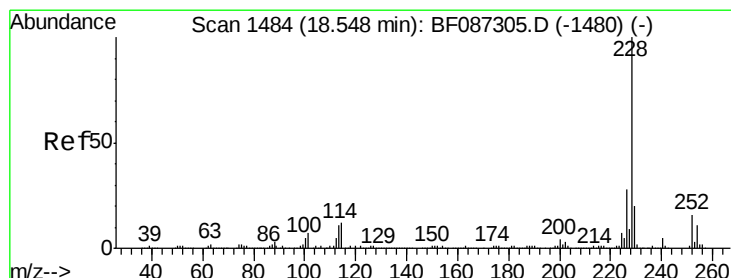
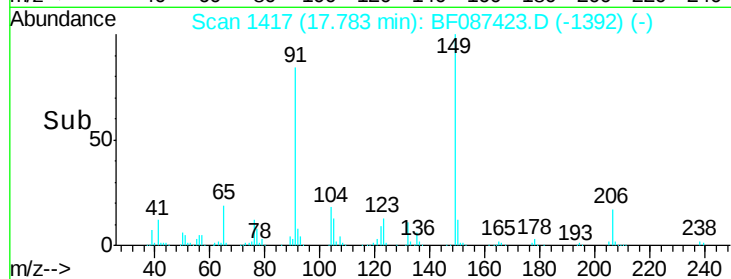
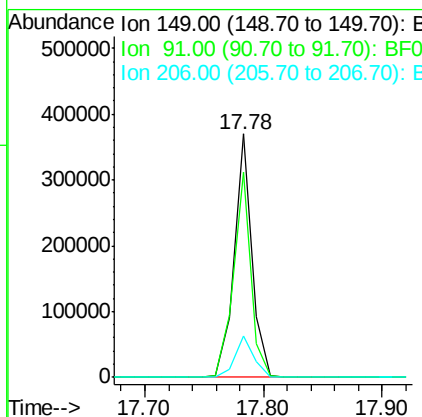
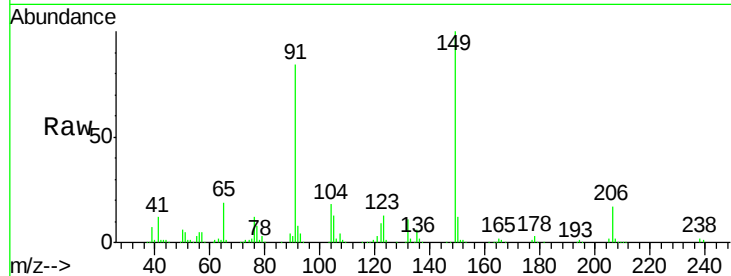
#79
Butylbenzylphthalate
Concen: 41.37 ng
RT: 17.78 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Instrument :
BNA_F
ClientSampleId :
PB90911BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	383740		
91	84.3	48.0	72.0#	
206	16.8	15.8	23.6	

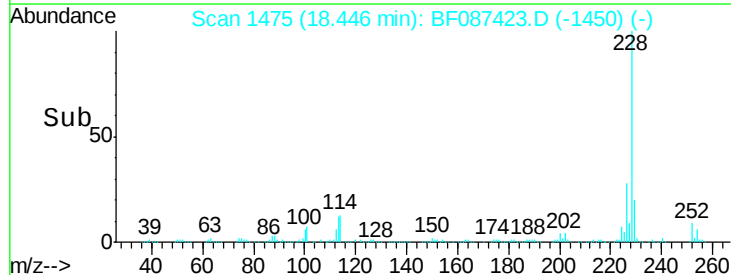
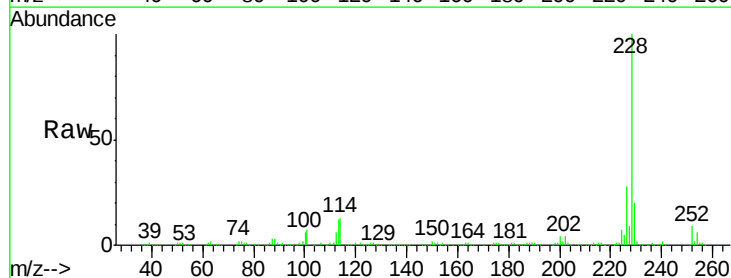
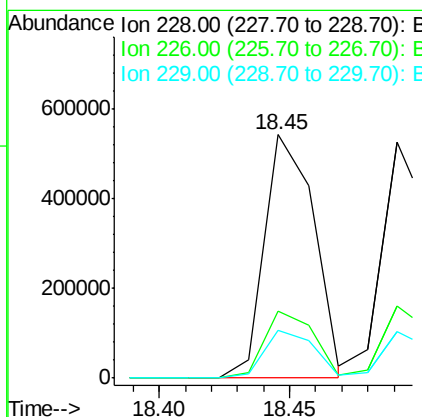
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#80
Benzo(a)anthracene
Concen: 43.22 ng
RT: 18.45 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	714280		
226	27.6	22.5	33.7	
229	19.7	16.6	25.0	





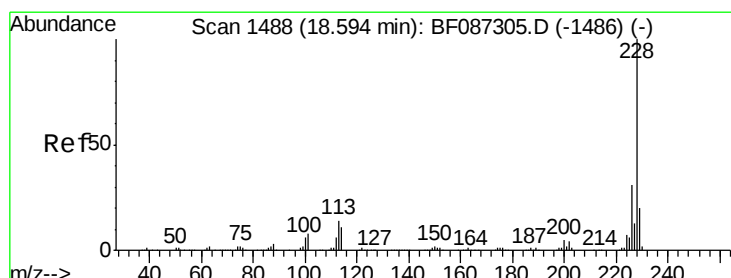
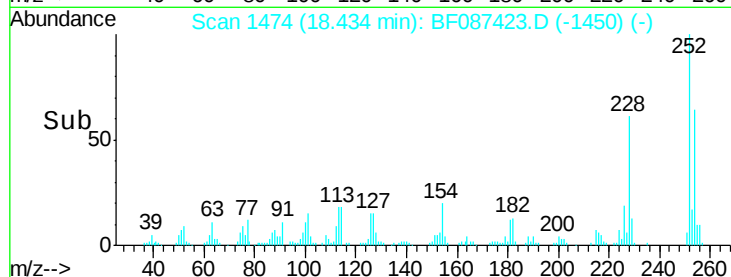
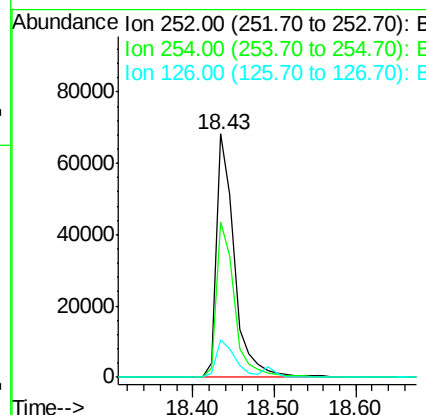
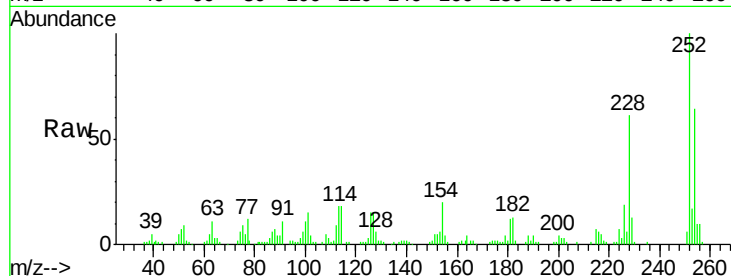
#81
 3,3'-Dichlorobenzidine
 Concen: 11.52 ng
 RT: 18.43 min Scan# 1474
 Delta R.T. -0.02 min
 Lab File: BF087423.D
 Acq: 26 May 2016 23:34

Instrument :
 BNA_F
 ClientSampleId :
 PB90911BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	105152		
254	63.8	50.7	76.1	
126	15.4	12.7	19.1	

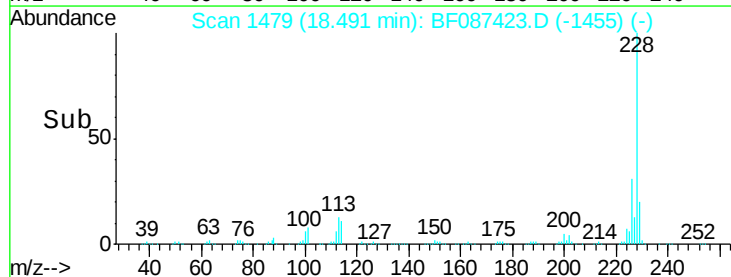
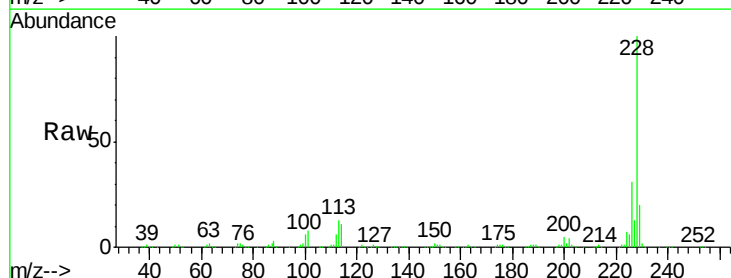
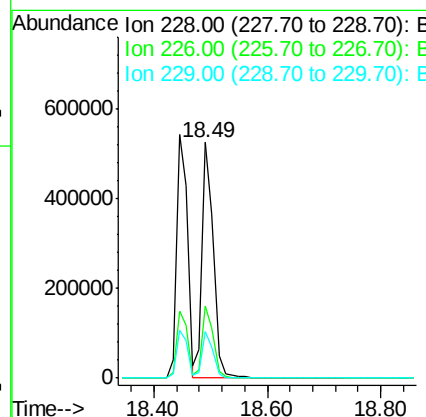
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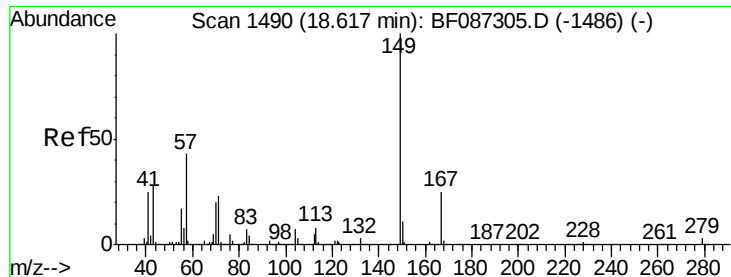
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#82
 Chrysene
 Concen: 43.42 ng
 RT: 18.49 min Scan# 1479
 Delta R.T. -0.02 min
 Lab File: BF087423.D
 Acq: 26 May 2016 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	712129		
226	30.5	24.4	36.6	
229	20.0	15.8	23.8	





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.72 ng

RT: 18.53 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF087423.D

Acq: 26 May 2016 23:34

Instrument :

BNA_F

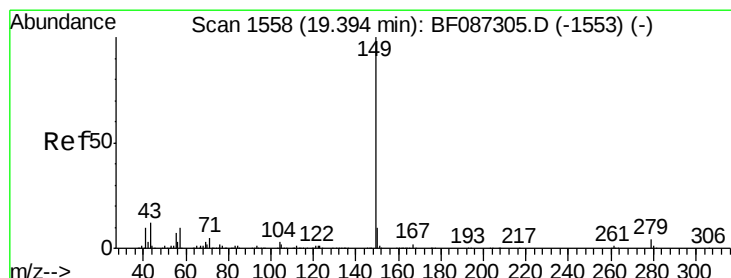
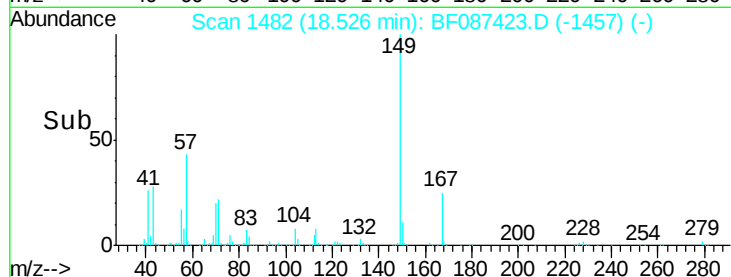
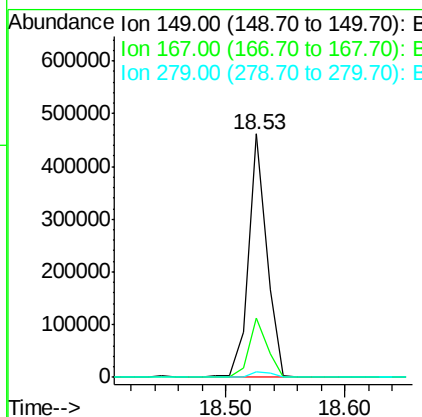
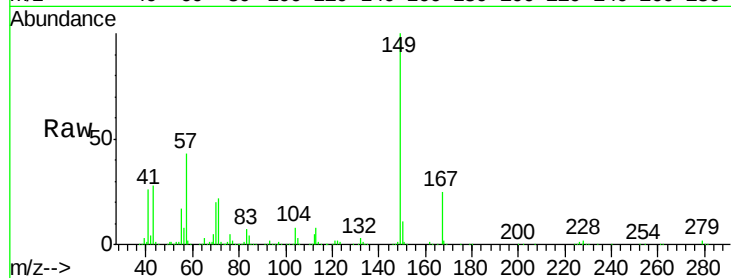
ClientSampleId :

PB90911BSD

Tot Ion:	149	Resp:	496956
Ion Ratio	Lower	Upper	
149	100		
167	24.6	21.8	32.6
279	2.5	2.6	4.0#

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#84

Di-n-octyl phthalate

Concen: 36.48 ng

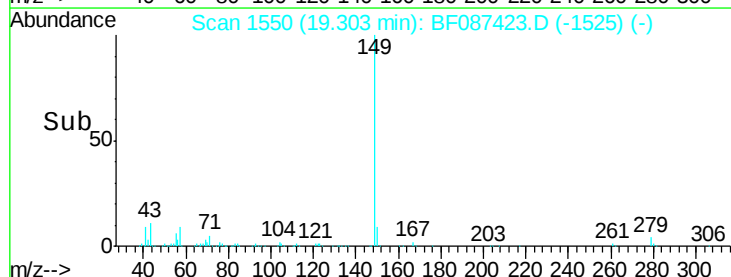
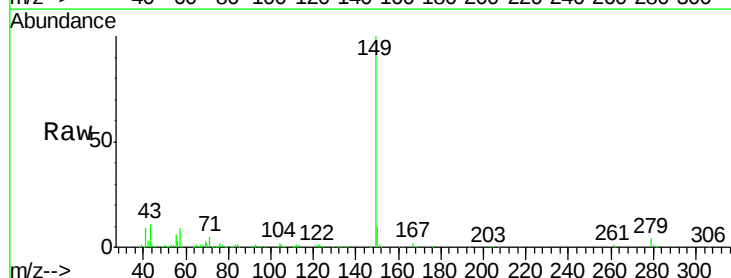
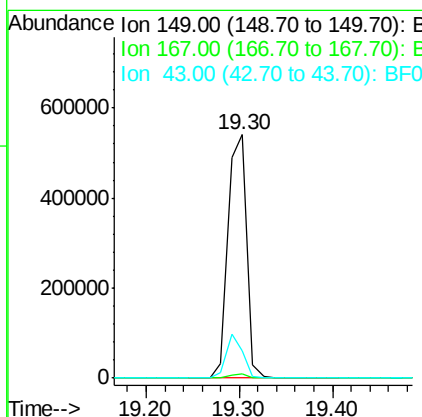
RT: 19.30 min Scan# 1550

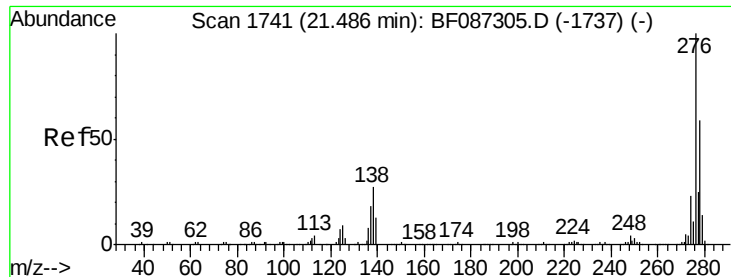
Delta R.T. -0.01 min

Lab File: BF087423.D

Acq: 26 May 2016 23:34

Tgt Ion:	149	Resp:	753004
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	15.8	8.2	12.4#





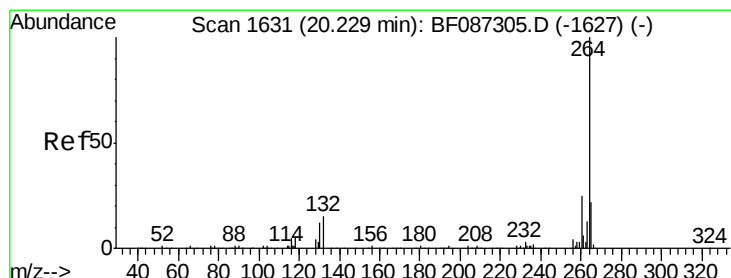
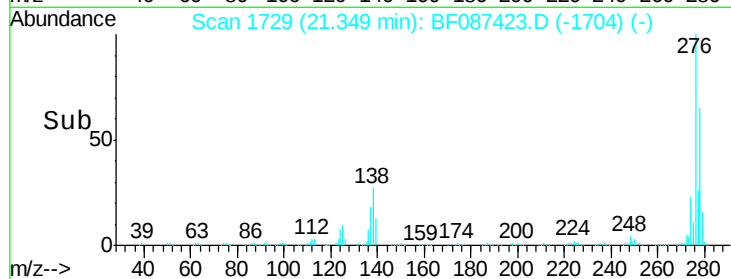
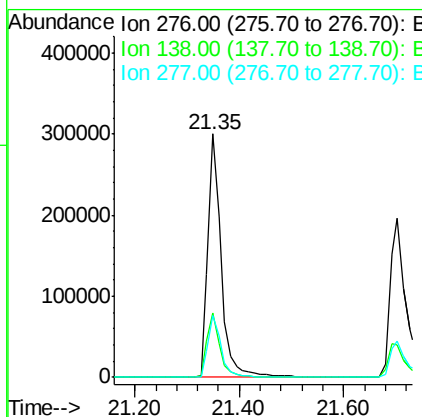
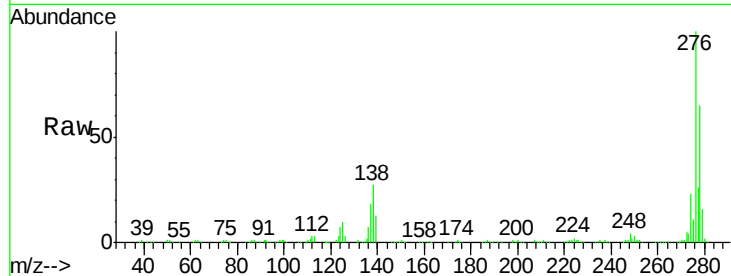
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.42 ng
 RT: 21.35 min Scan# 1729
 Delta R.T. -0.01 min
 Lab File: BF087423.D
 Acq: 26 May 2016 23:34

Instrument :
 BNA_F
 ClientSampleId :
 PB90911BSD

Tot Ion:	276	Resp:	531529
Ion Ratio	Lower	Upper	
276	100		
138	26.3	25.6	38.4
277	25.2	20.5	30.7

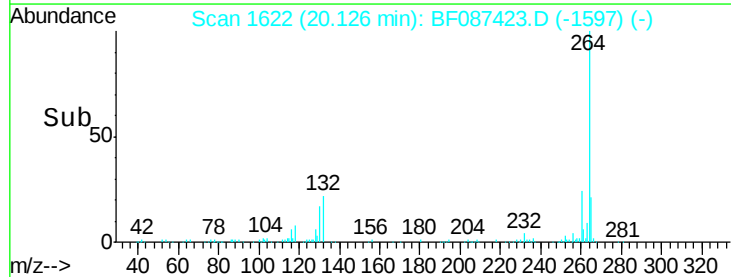
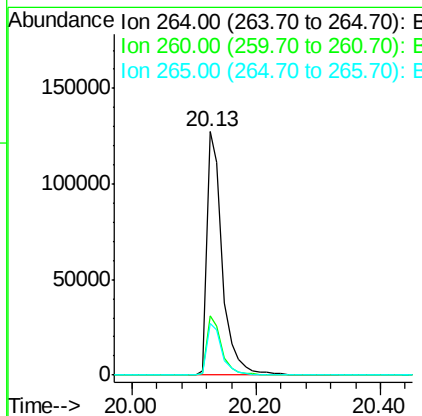
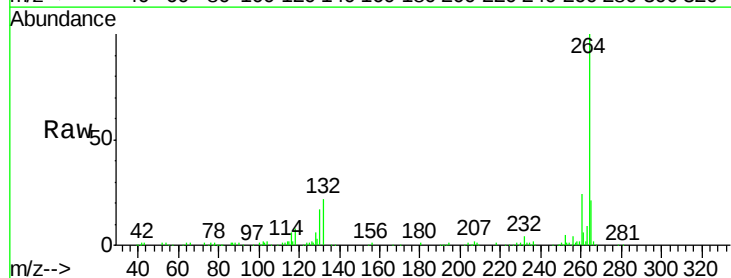
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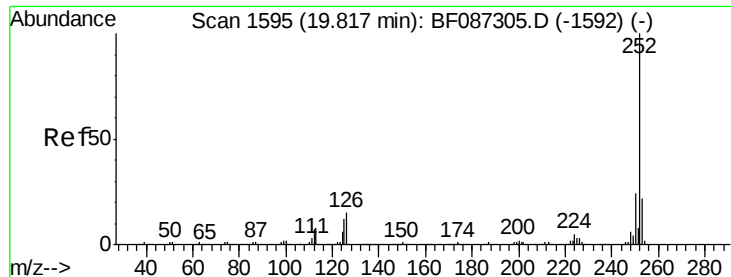
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.13 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF087423.D
 Acq: 26 May 2016 23:34

Tgt Ion:	264	Resp:	217486
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.5	29.3
265	21.2	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 41.98 ng

RT: 19.73 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BF087423.D

Acq: 26 May 2016 23:34

Instrument :

BNA_F

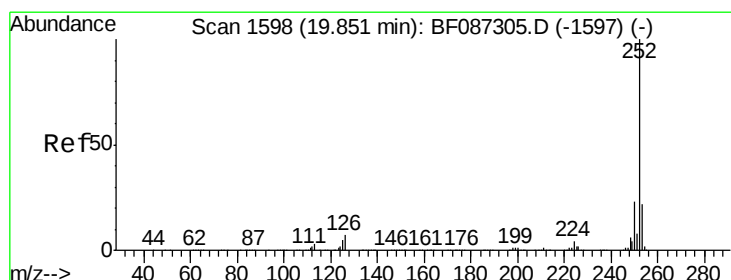
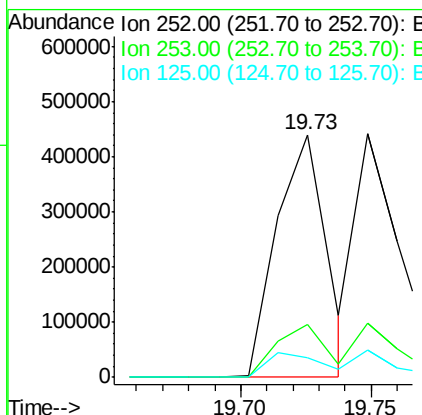
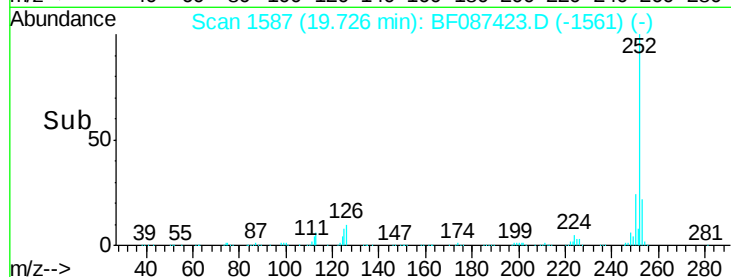
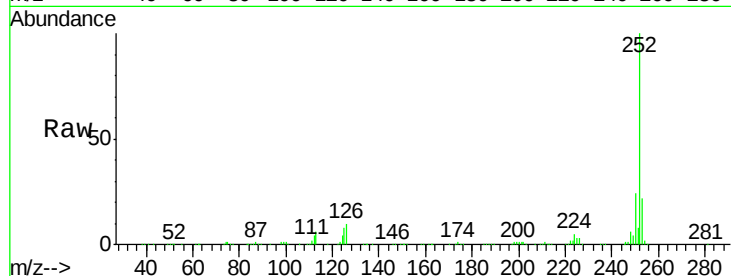
ClientSampleId :

PB90911BSD

Tot Ion:	252	Resp:	581538
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.8	26.6
125	7.9	11.4	17.0

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#88

Benzo(k)fluoranthene

Concen: 46.62 ng m

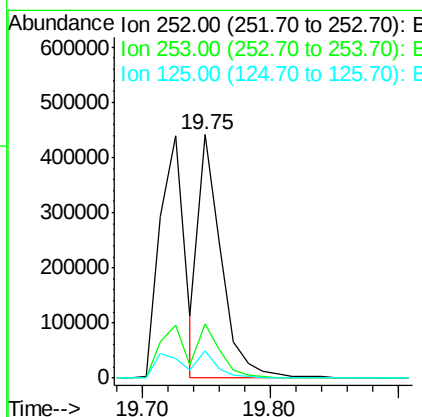
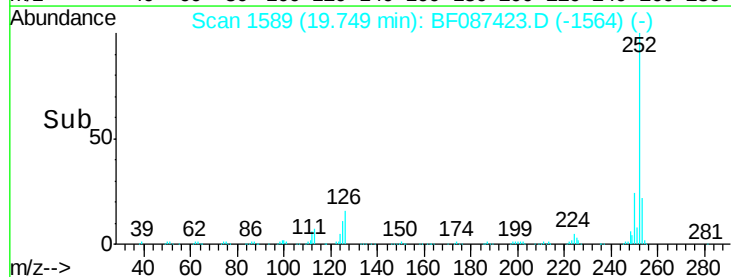
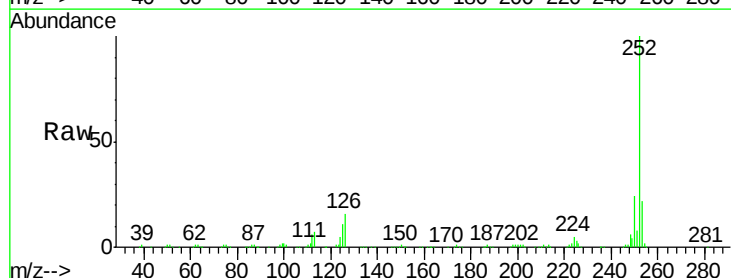
RT: 19.75 min Scan# 1589

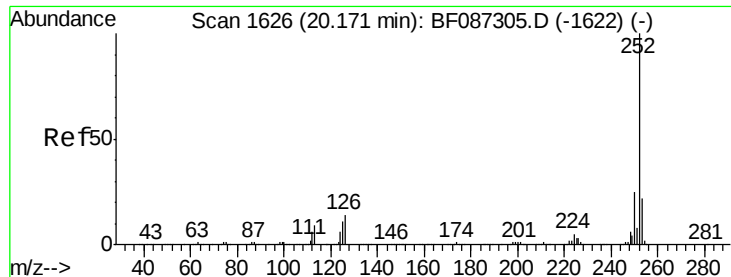
Delta R.T. -0.01 min

Lab File: BF087423.D

Acq: 26 May 2016 23:34

Tgt Ion:	252	Resp:	555954
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.6
125	11.2	9.1	13.7





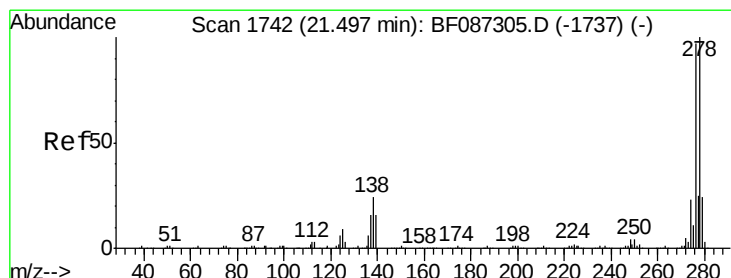
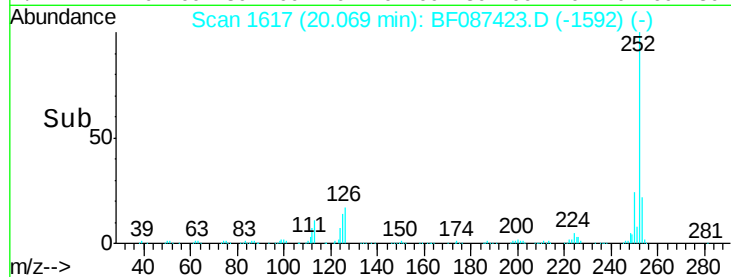
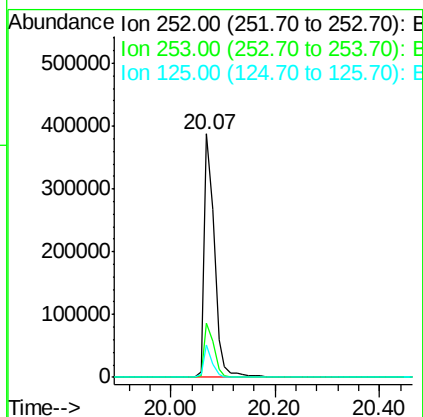
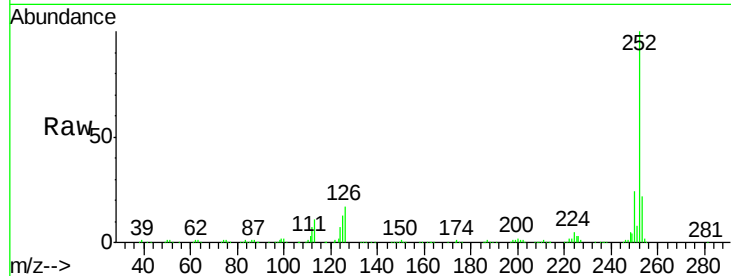
#89
Benzo(a)pyrene
Concen: 44.55 ng
RT: 20.07 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Instrument :
BNA_F
ClientSampleId :
PB90911BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	13.3	9.0	13.6

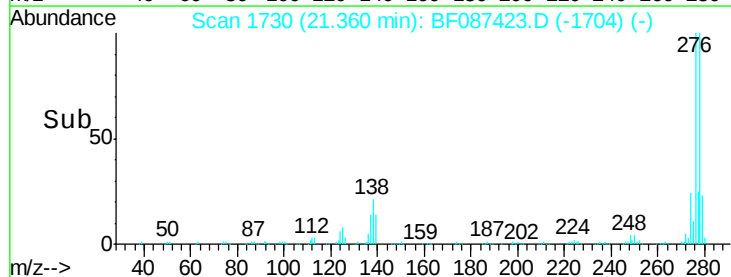
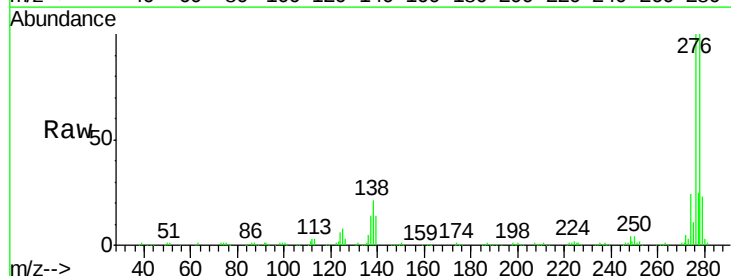
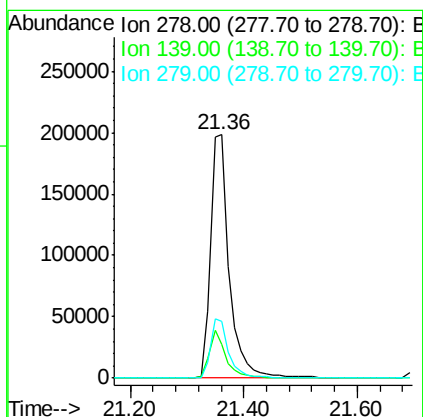
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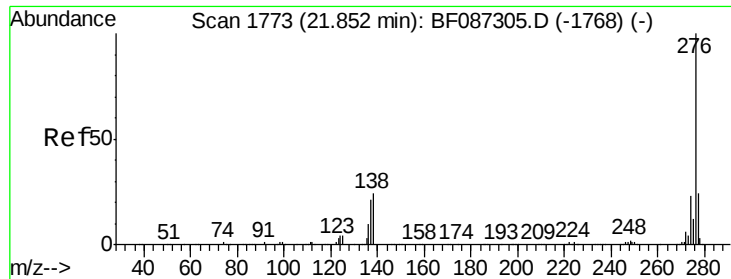
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#90
Dibenzo(a,h)anthracene
Concen: 43.36 ng
RT: 21.36 min Scan# 1730
Delta R.T. 0.00 min
Lab File: BF087423.D
Acq: 26 May 2016 23:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.0	16.6	24.8#
279	23.1	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 44.27 ng
 RT: 21.70 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BF087423.D
 Acq: 26 May 2016 23:34

Instrument :
 BNA_F
 ClientSampleId :
 PB90911BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.6	29.4
138	20.1	23.6	35.4

Manual Integrations
 APPROVED

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