

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
 Data File : BF088414.D
 Acq On : 26 Jun 2016 13:10
 Operator : UM/SJ
 Sample : H3597-02MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMS

Manual Integrations
 APPROVED

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 6/27/2016 8:01:42 PM

Quant Time: Jun 27 09:22:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 04:28:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	80451m	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	350613	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	157333	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	298767	20.00	ng	0.00
75) Chrysene-d12	13.68	240	223959	20.00	ng	-0.01
86) Perylene-d12	15.03	264	205127	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.14	112	453588	96.39	ng	0.01
7) Phenol-d6	6.23	99	567462	99.50	ng	0.00
23) Nitrobenzene-d5	7.13	82	353106	58.81	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	137727	82.90	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	651632	63.67	ng	-0.01
78) Terphenyl-d14	12.64	244	637916	64.82	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.03	88	55232	24.15	ng	# 34
3) Pyridine	2.66	79	138120	25.58	ng	91
4) n-Nitrosodimethylamine	2.63	42	64464	28.19	ng	78
6) Aniline	6.22	93	135915m	16.74	ng	
8) 2-Chlorophenol	6.34	128	196539	35.28	ng	85
10) Phenol	6.24	94	240958	40.68	ng	97
11) bis(2-Chloroethyl)ether	6.30	93	201746	40.34	ng	88
12) 1,3-Dichlorobenzene	6.49	146	201579m	33.73	ng	
13) 1,4-Dichlorobenzene	6.57	146	200129m	33.24	ng	
14) 1,2-Dichlorobenzene	6.72	146	201913	36.88	ng	95
15) Benzyl Alcohol	6.72	79	142227	31.88	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.84	45	190981	28.27	ng	# 5
17) 2-Methylphenol	6.84	107	154045m	34.10	ng	
18) Hexachloroethane	7.05	117	73827	34.56	ng	# 86
19) n-Nitroso-di-n-propylamine	6.98	70	122094	33.46	ng	88
20) 3+4-Methylphenols	7.00	107	187234	35.52	ng	# 77
22) Acetophenone	6.97	105	264882	33.81	ng	# 97
24) Nitrobenzene	7.14	77	172903	29.73	ng	90
25) Isophorone	7.38	82	341790	30.73	ng	98
26) 2-Nitrophenol	7.46	139	98055	31.47	ng	# 87
27) 2,4-Dimethylphenol	7.52	122	173458	30.24	ng	93
28) bis(2-Chloroethoxy)methane	7.61	93	216378	31.37	ng	98
29) 2,4-Dichlorophenol	7.71	162	169832	35.46	ng	99
30) 1,2,4-Trichlorobenzene	7.78	180	170364	32.67	ng	99
31) Naphthalene	7.86	128	576933	33.25	ng	98
33) 4-Chloroaniline	7.93	127	127668	16.48	ng	# 94
34) Hexachlorobutadiene	7.98	225	90640	32.96	ng	97
35) Caprolactam	8.30	113	51206	32.28	ng	# 85
36) 4-Chloro-3-methylphenol	8.43	107	168136	32.83	ng	91
37) 2-Methylnaphthalene	8.55	142	363195m	31.76	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	160016	36.76	ng	# 1
40) Hexachlorocyclopentadiene	8.70	237	38291	15.09	ng	99
42) 2,4,6-Trichlorophenol	8.84	196	82811	26.32	ng	98
43) 2,4,5-Trichlorophenol	8.89	196	97223	29.70	ng	# 90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.02	154	458141	37.80	nq	96
46) 2-Chloronaphthalene	9.04	162	356471	35.01	nq	94
47) 2-Nitroaniline	9.15	65	96607	32.17	nq	# 58
48) Acenaphthylene	9.44	152	520934	32.17	nq	100
49) Dimethylphthalate	9.32	163	620479	54.44	nq	100
50) 2,6-Dinitrotoluene	9.39	165	95762	36.69	nq	# 88
51) Acenaphthene	9.61	154	307041	30.39	nq	99
52) 3-Nitroaniline	9.56	138	71769	23.83	nq	81
54) Dibenzofuran	9.78	168	462836	33.27	nq	# 85
55) 4-Nitrophenol	9.77	139	38348m	16.40	nq	
56) 2,4-Dinitrotoluene	9.79	165	116466	34.72	nq	# 55
57) Fluorene	10.12	166	351015	36.41	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.92	232	66710	25.93	nq	# 57
59) Diethylphthalate	10.02	149	432061	37.45	nq	98
60) 4-Chlorophenyl-phenylether	10.12	204	161433	34.89	nq	99
61) 4-Nitroaniline	10.18	138	97195	34.02	nq	96
62) Azobenzene	10.28	77	387086	33.93	nq	91
64) 4,6-Dinitro-2-methylphenol	10.20	198	23299	14.09	nq	88
65) n-Nitrosodiphenylamine	10.25	169	345838	34.88	nq	100
66) 4-Bromophenyl-phenylether	10.60	248	103588	32.32	nq	# 81
67) Hexachlorobenzene	10.67	284	109645	32.92	nq	# 84
68) Atrazine	10.78	200	96689	32.21	nq	91
69) Pentachlorophenol	10.88	266	47396	27.00	nq	98
70) Phenanthrene	11.08	178	524801	33.47	nq	99
71) Anthracene	11.13	178	556053	35.16	nq	99
72) Carbazole	11.30	167	560542	37.88	nq	97
73) Di-n-butylphthalate	11.63	149	654209	34.92	nq	# 98
74) Fluoranthene	12.26	202	588260	35.56	nq	97
76) Benzidine	12.40	184	170836	27.55	nq	97
77) Pyrene	12.48	202	565841	34.05	nq	99
79) Butylbenzylphthalate	13.11	149	254701	34.66	nq	# 83
80) Benzo(a)anthracene	13.67	228	414961	32.51	nq	100
81) 3,3'-Dichlorobenzidine	13.65	252	112185	32.69	nq	99
82) Chrysene	13.71	228	473043	39.40	nq	97
83) Bis(2-ethylhexyl)phthalate	13.67	149	333048	37.24	nq	99
84) Di-n-octyl phthalate	14.29	149	637472	43.86	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.25	276	381785	34.22	nq	# 100
87) Benzo(b)fluoranthene	14.67	252	431918m	30.21	nq	
88) Benzo(k)fluoranthene	14.70	252	401600m	37.24	nq	
89) Benzo(a)pyrene	14.98	252	398483	34.45	nq	# 95
90) Dibenzo(a,h)anthracene	16.25	278	313391	29.17	nq	97
91) Benzo(g,h,i)perylene	16.62	276	319874	28.94	nq	99

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

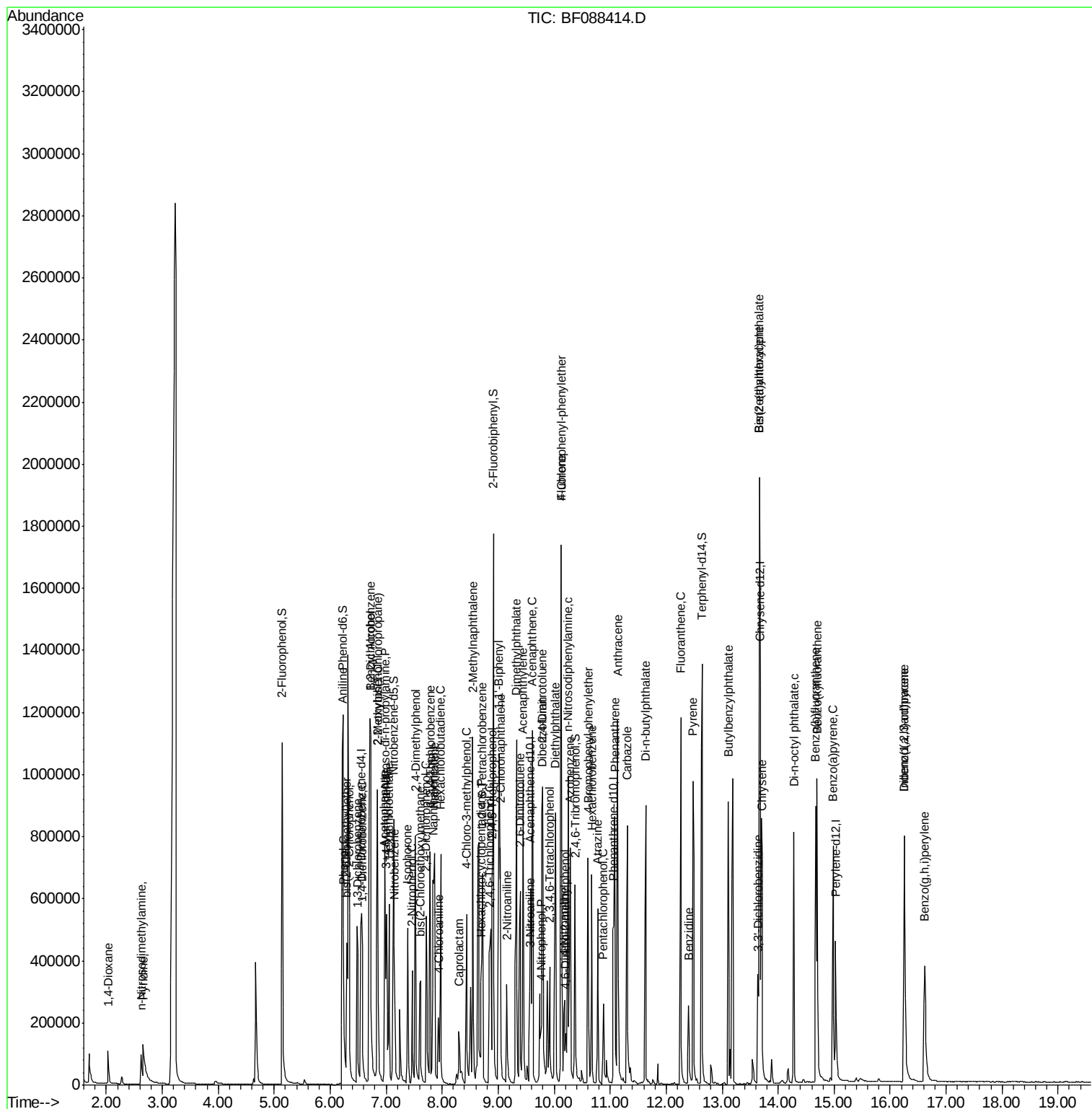
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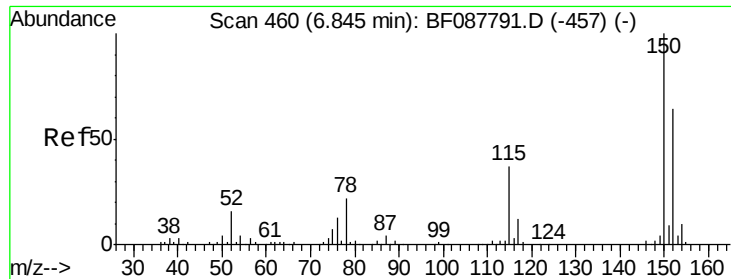
Instrument :
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ClientSampled :
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#1

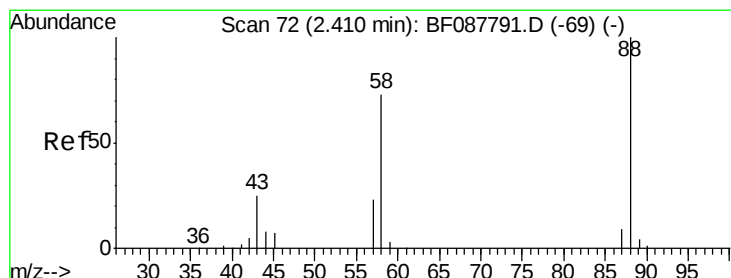
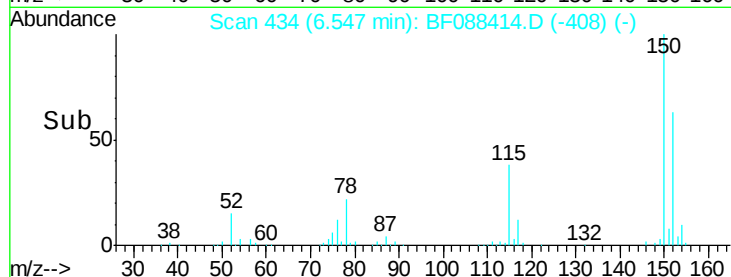
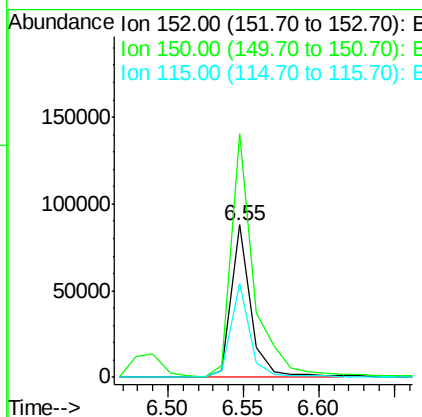
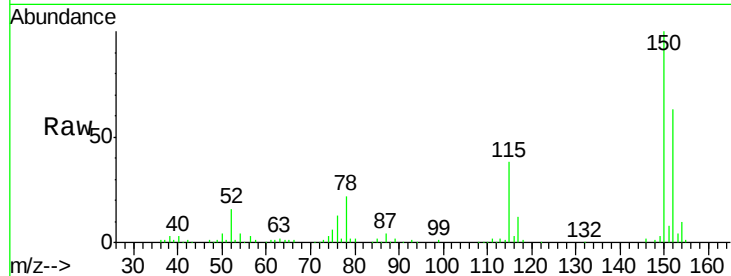
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.55 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Instrument :
BNA_F
ClientSampleId :
EDD-3EMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	123.8	185.6
115	61.3	39.6	59.4

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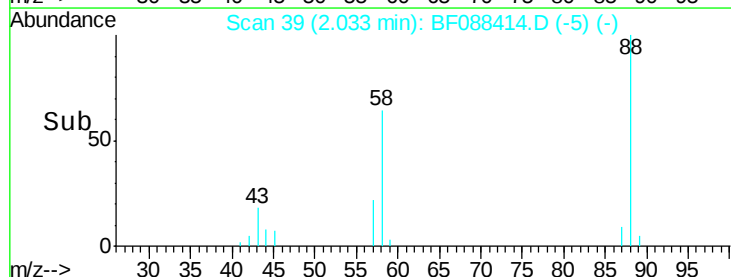
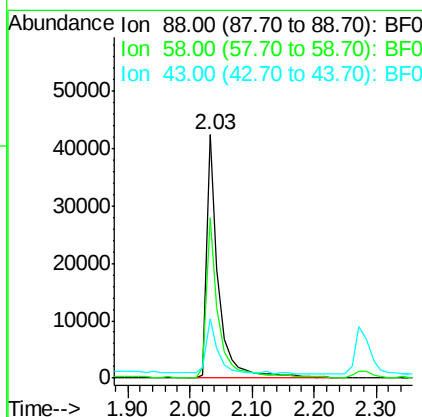
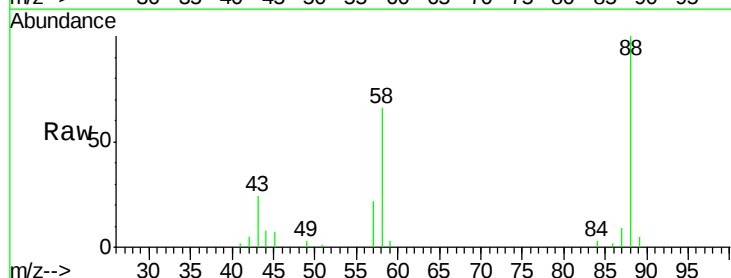
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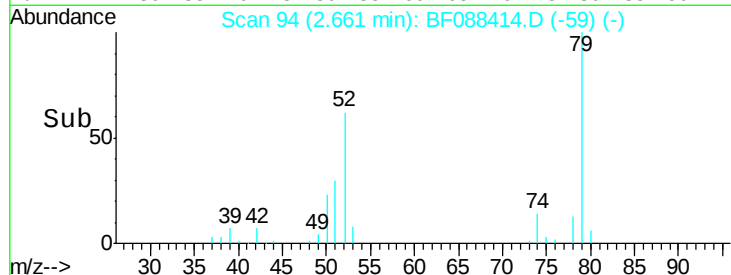
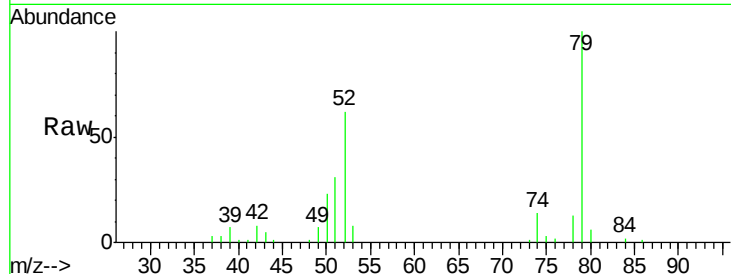
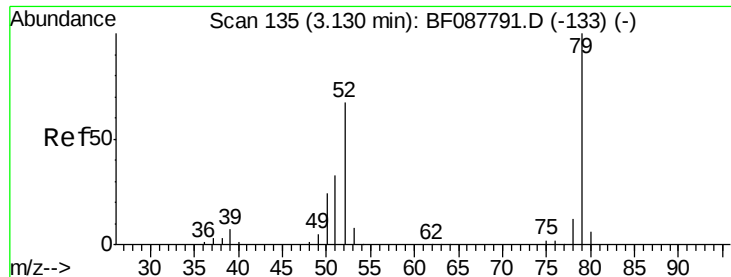


#2

1,4-Dioxane
Concen: 24.15 ng
RT: 2.03 min Scan# 39
Delta R.T. 0.09 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.9	0.0	0.0
43	26.1	3.4	5.2





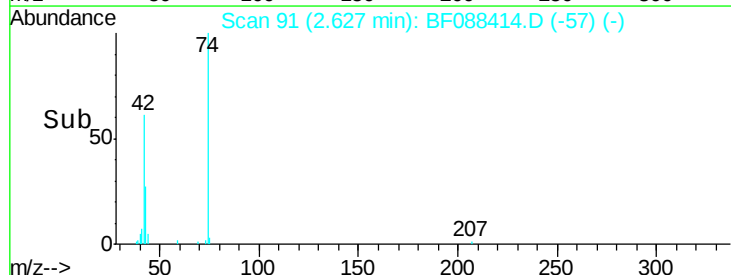
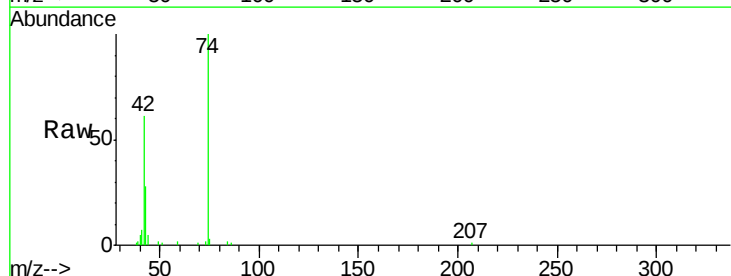
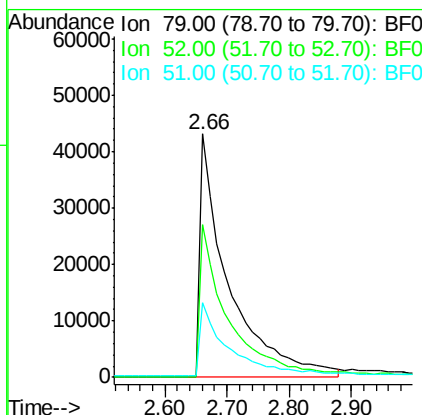
#3
Pvridine
Concen: 25.58 ng
RT: 2.66 min Scan# 94
Delta R.T. 0.10 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		138120		
52	62.5	56.3		84.5	
51	30.7	27.4		41.2	

Instrument :
BNA_F
ClientSampled :
EDD-3EMS

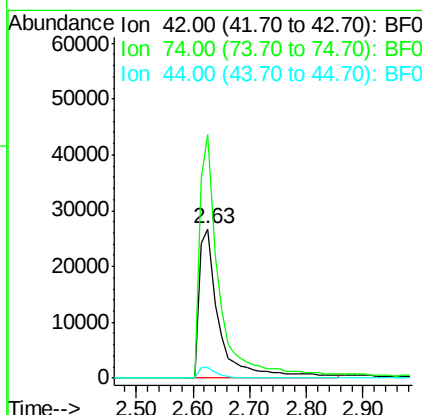
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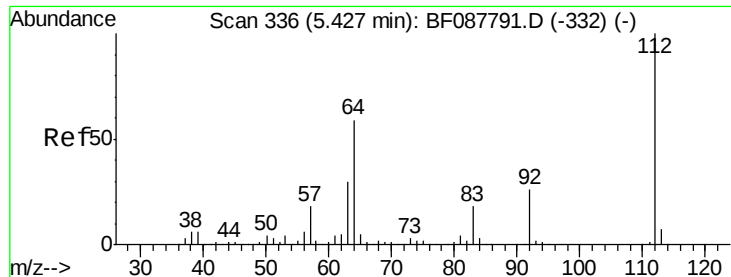
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#4
n-Nitrosodimethylamine
Concen: 28.19 ng
RT: 2.63 min Scan# 91
Delta R.T. 0.09 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		64464		
74	162.9	108.6		163.0	
44	7.3	5.5		8.3	





#5

2-Fluorophenol

Concen: 96.39 ng

RT: 5.14 min Scan# 311

Delta R.T. 0.01 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Instrument :

BNA_F

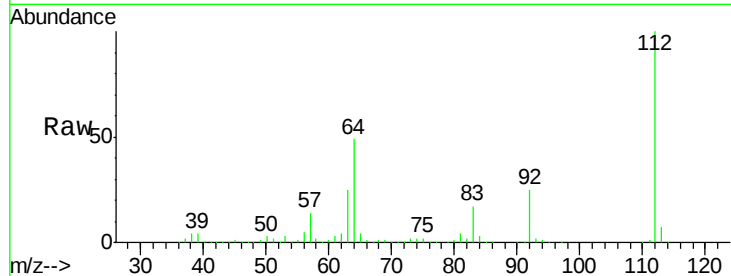
ClientSampled :

EDD-3EMS

Tot Ion:	112	Resp:	453588
Ion Ratio	Lower	Upper	
112	100		
64	49.0	42.2	63.2
63	25.4	21.8	32.8

Manual Integrations
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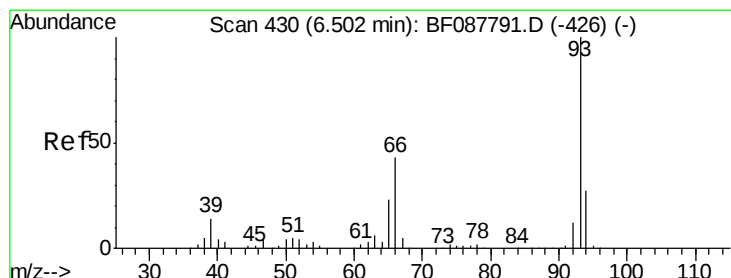
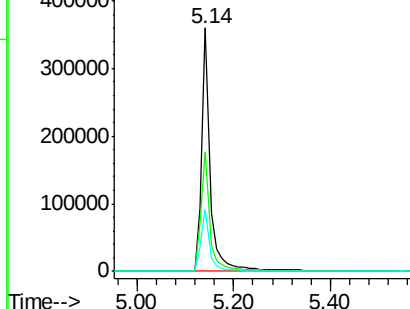
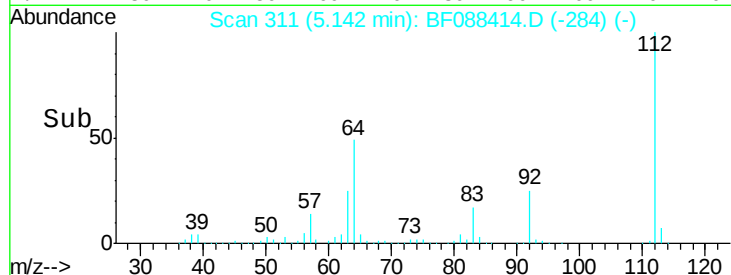
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.74 ng m

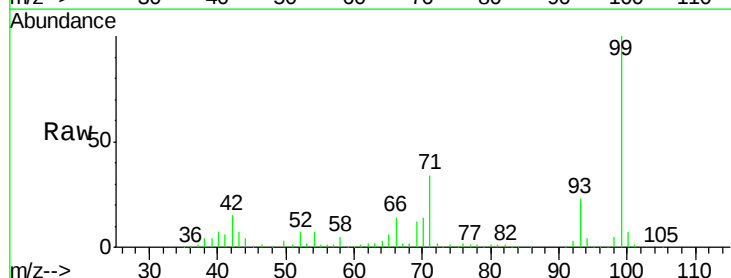
RT: 6.22 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

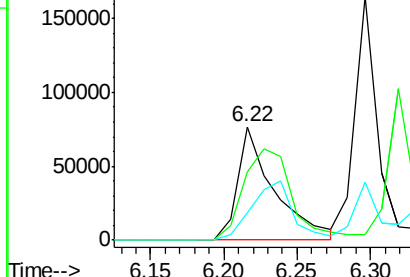
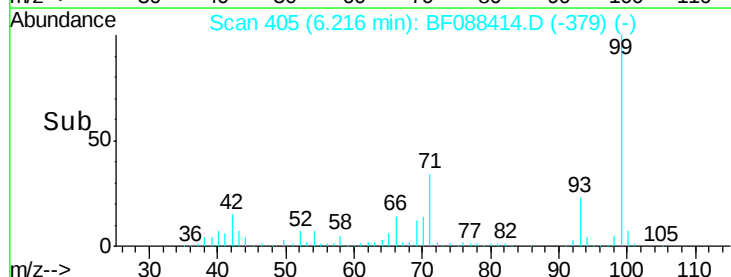
Tgt Ion:	93	Resp:	135915
Ion Ratio	Lower	Upper	
93	100		
66	60.6	29.8	44.8#
65	24.4	14.9	22.3#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 99.50 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Instrument :

BNA_F

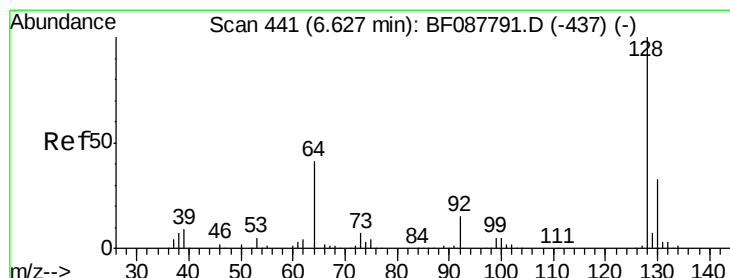
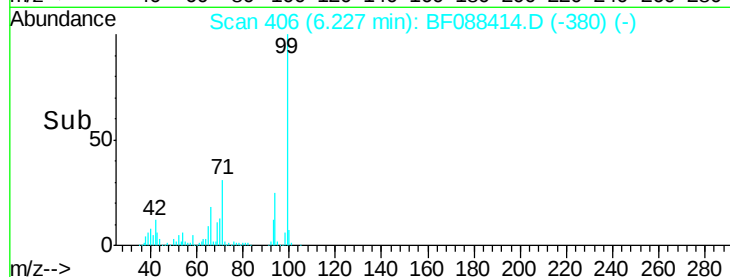
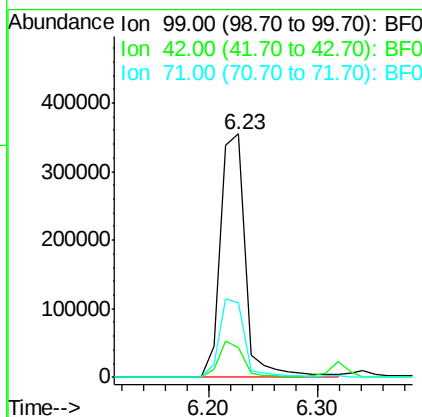
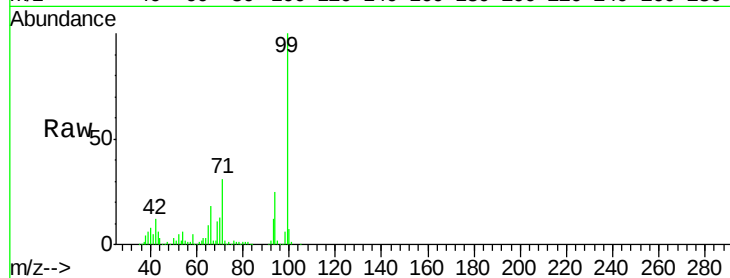
ClientSampleId :

EDD-3EMS

Tot Ion:	99	Resp:	567462
Ion Ratio	Lower	Upper	
99	100		
42	12.5	12.2	18.2
71	30.5	23.4	35.0

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#8

2-Chlorophenol

Concen: 35.28 ng

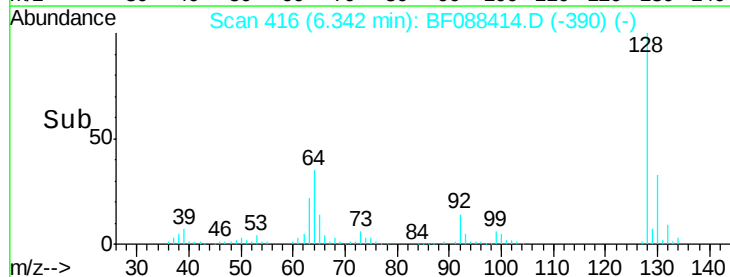
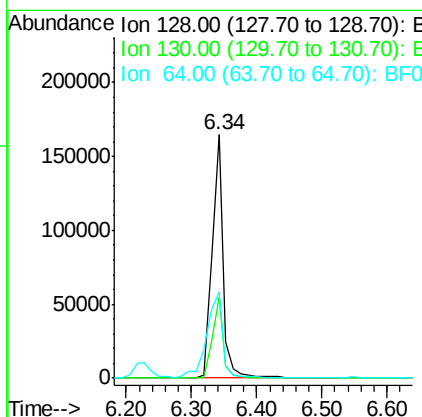
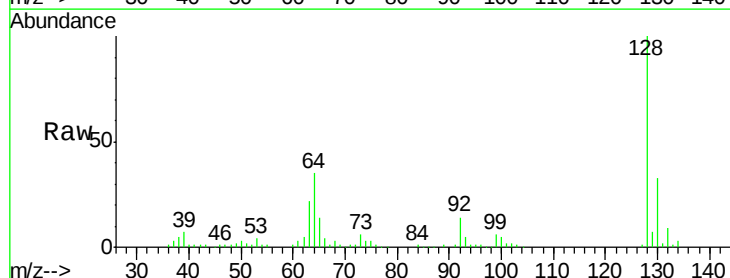
RT: 6.34 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Tgt Ion:	128	Resp:	196539
Ion Ratio	Lower	Upper	
128	100		
130	33.1	12.0	52.0
64	35.2	30.8	70.8





#10

Phenol

Concen: 40.68 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Instrument :

BNA_F

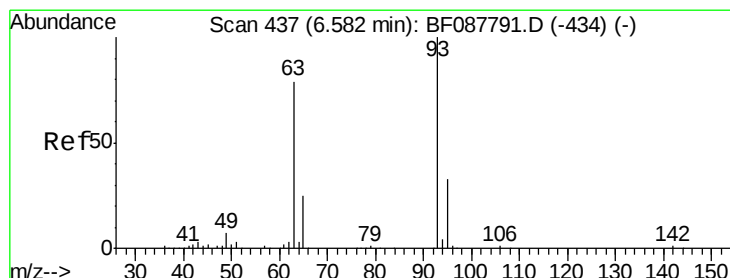
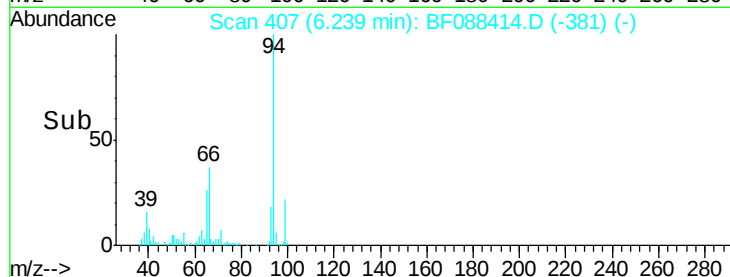
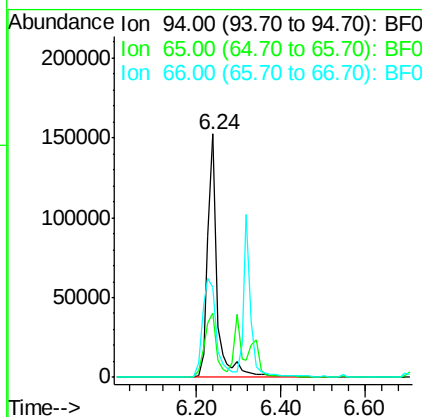
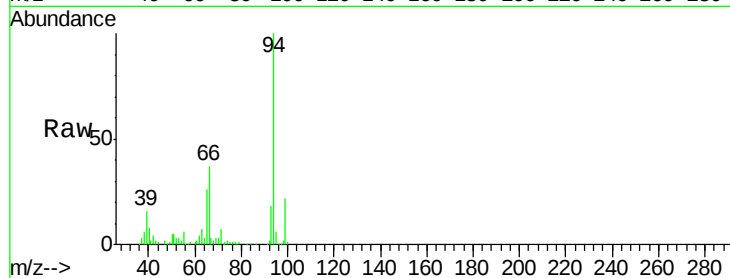
ClientSampleId :

EDD-3EMS

Tot Ion:	94	Resp:	240958
Ion	Ratio	Lower	Upper
94	100		
65	26.3	5.9	45.9
66	37.1	14.0	54.0

Manual Integrations
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#11

bis(2-Chloroethyl)ether

Concen: 40.34 ng

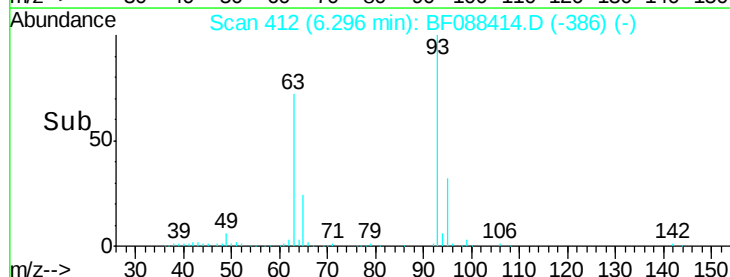
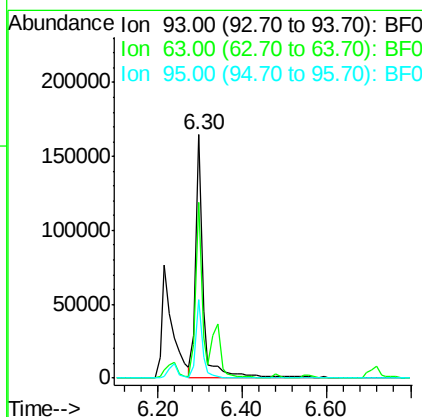
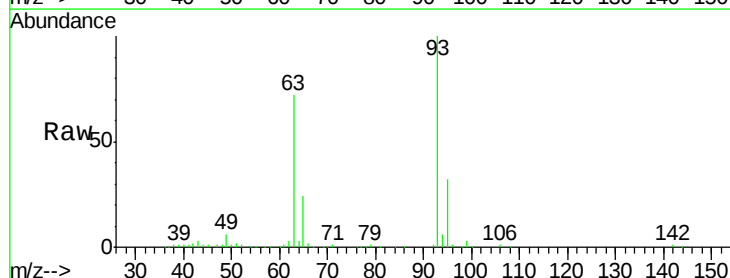
RT: 6.30 min Scan# 412

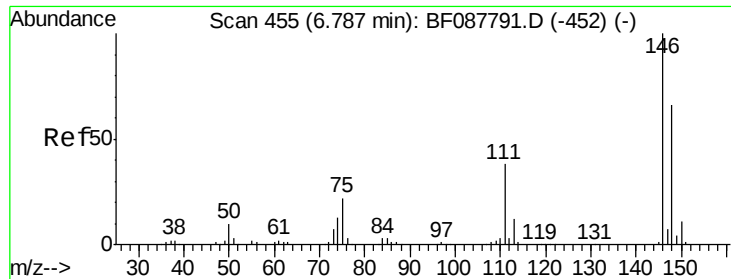
Delta R.T. 0.00 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Tgt Ion:	93	Resp:	201746
Ion	Ratio	Lower	Upper
93	100		
63	72.3	67.6	107.6
95	32.1	12.5	52.5





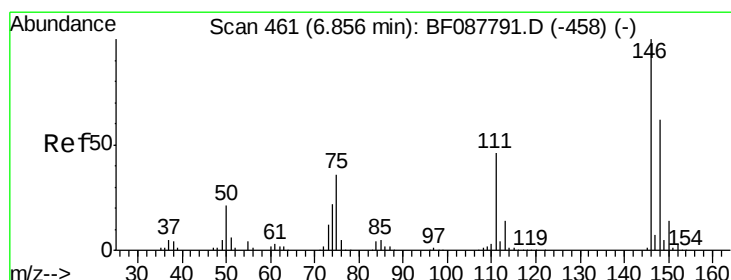
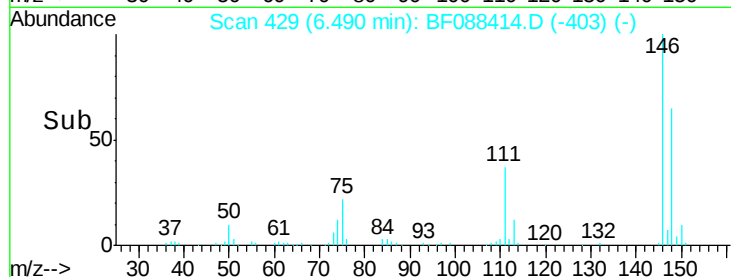
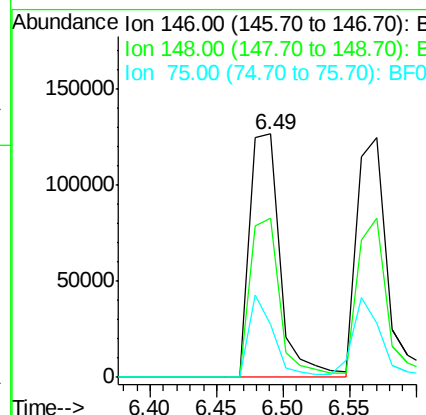
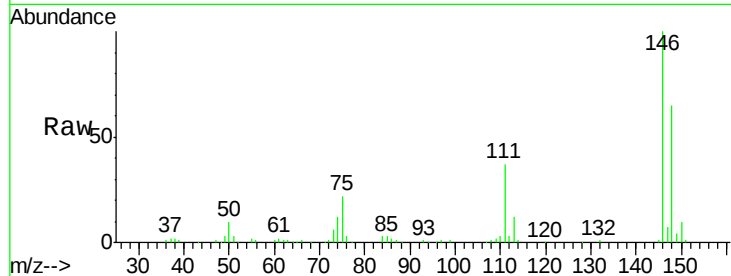
#12
 1,3-Dichlorobenzene
 Concen: 33.73 ng m
 RT: 6.49 min Scan# 429
 Delta R.T. 0.00 min
 Lab File: BF088414.D
 Acq: 26 Jun 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.9	76.3
75	21.5	25.6	38.4

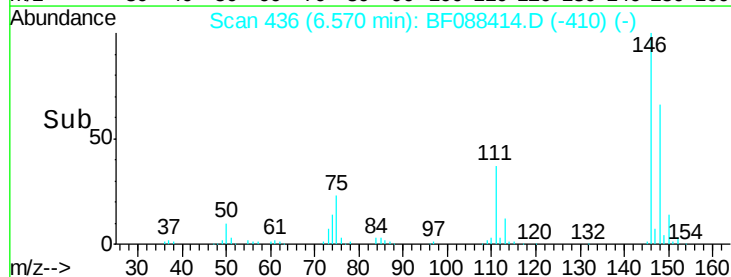
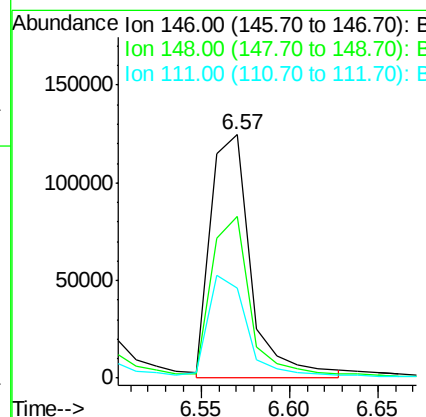
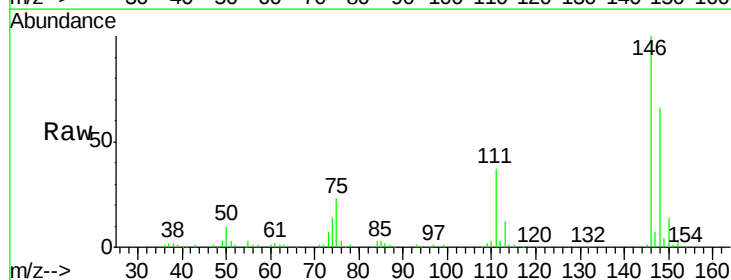
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#13
 1,4-Dichlorobenzene
 Concen: 33.24 ng m
 RT: 6.57 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BF088414.D
 Acq: 26 Jun 2016 13:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	52.0	78.0
111	37.2	33.8	50.8





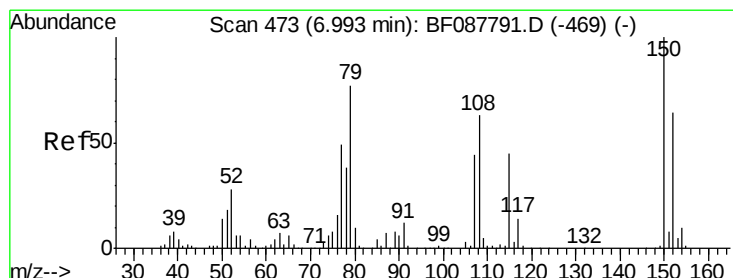
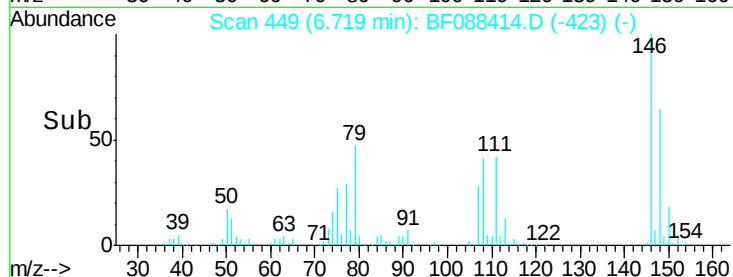
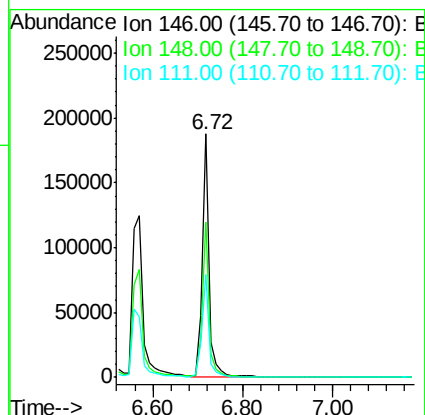
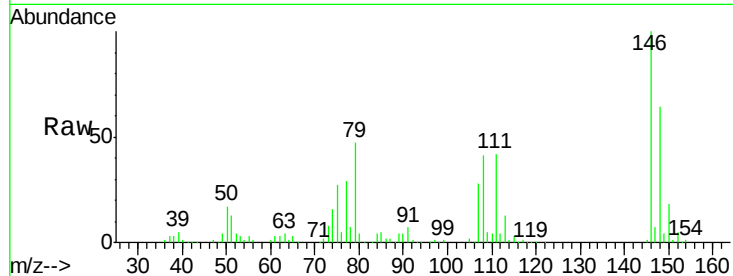
#14
1,2-Dichlorobenzene
Concen: 36.88 ng
RT: 6.72 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Instrument :
BNA_F
ClientSampled :
EDD-3EMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.3	78.5
111	42.0	28.7	43.1

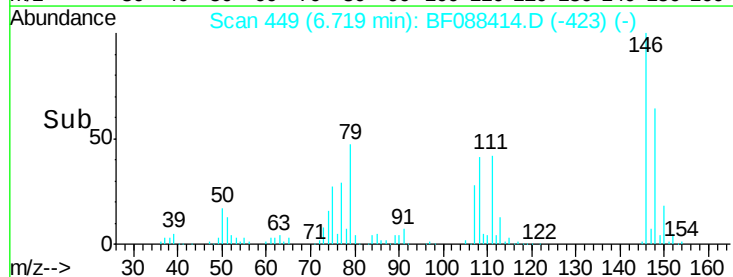
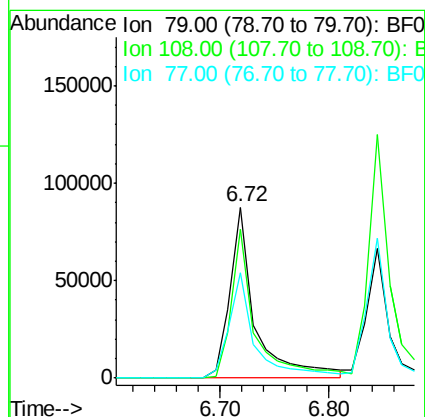
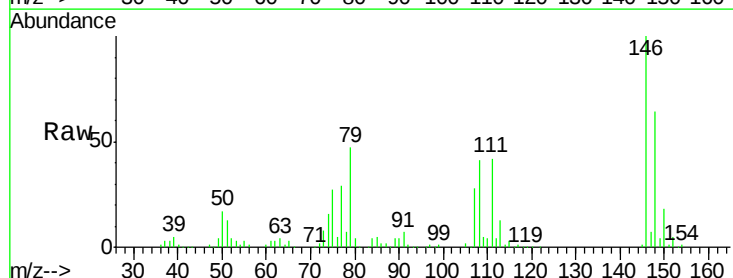
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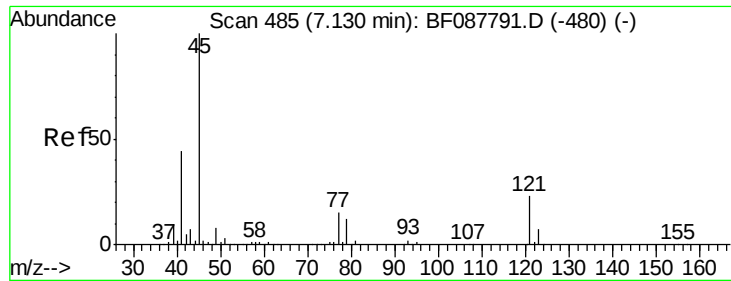
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#15
Benzyl Alcohol
Concen: 31.88 ng
RT: 6.72 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Tgt Ion	Ratio	Lower	Upper
79	100		
108	86.8	65.0	97.6
77	61.8	50.3	75.5





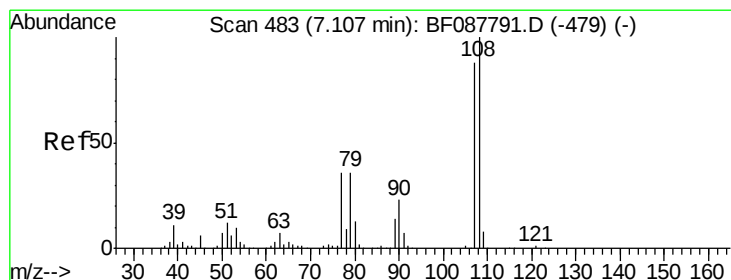
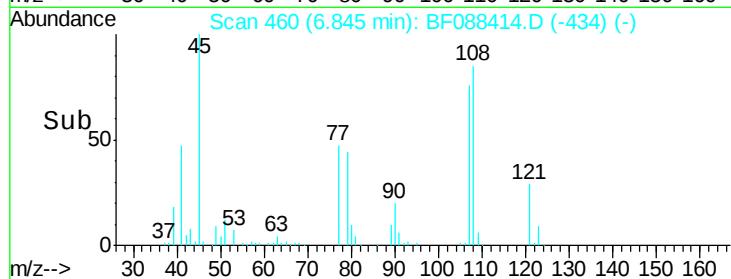
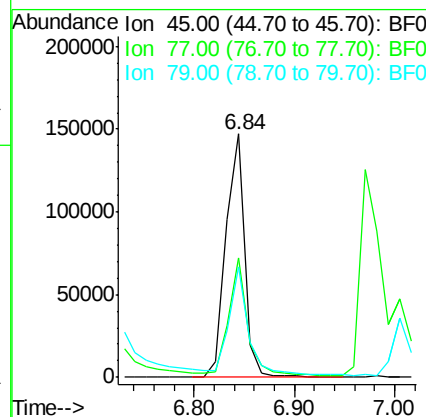
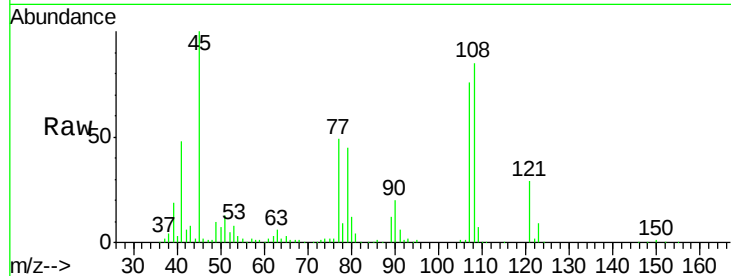
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 28.27 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Instrument :
BNA_F
ClientSampled :
EDD-3EMS

Tot Ion	Ratio	Resp Lower	Upper
45	100		
77	48.8	0.0	32.5#
79	45.3	0.0	29.5#

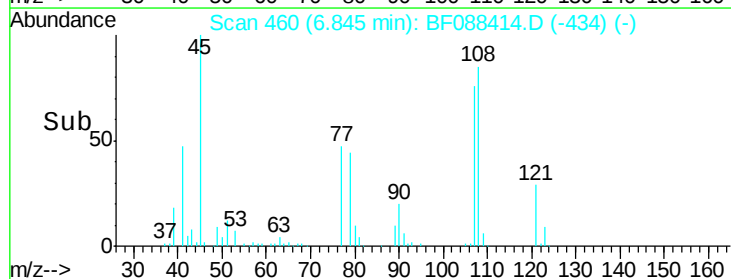
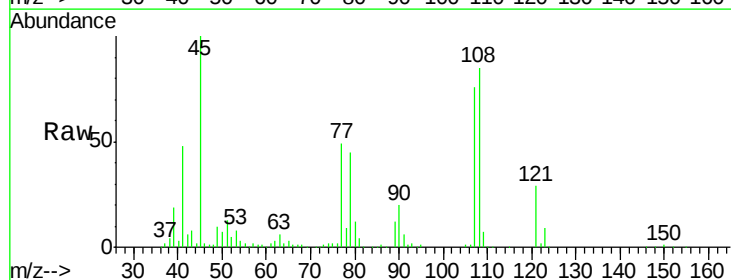
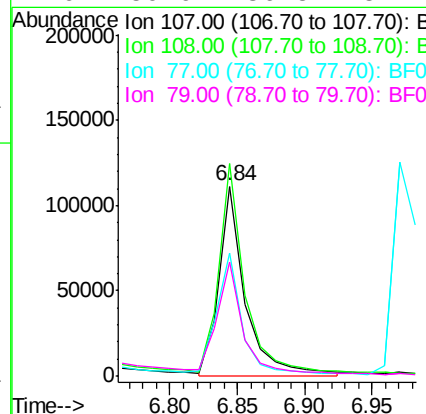
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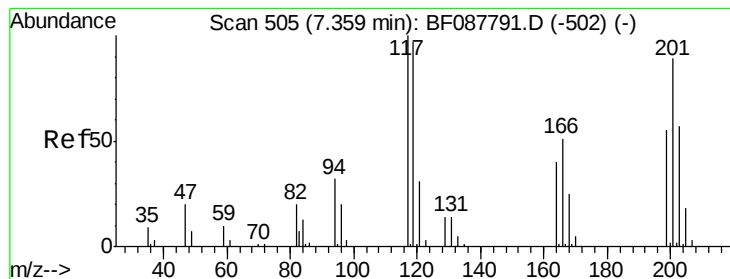
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#17
2-Methylphenol
Concen: 34.10 ng m
RT: 6.84 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	112.1	90.9	136.3
77	64.5	36.6	55.0#
79	59.9	36.5	54.7#





#18

Hexachloroethane

Concen: 34.56 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.00 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Instrument :

BNA_F

ClientSampled :

EDD-3EMS

Tot Ion: 117 Resp: 73827

Ion Ratio Lower Upper

117 100

119 94.5 77.4 116.2

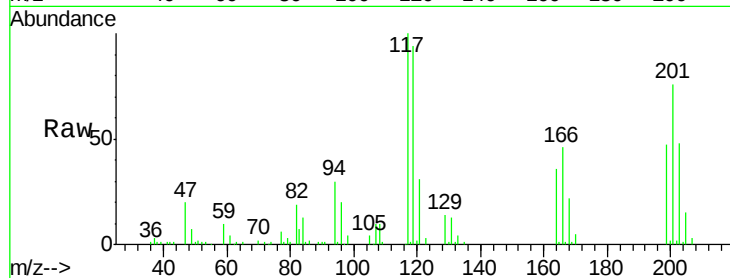
201 76.1 80.4 120.6#

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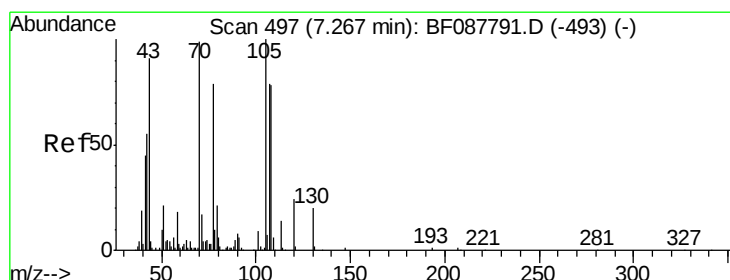
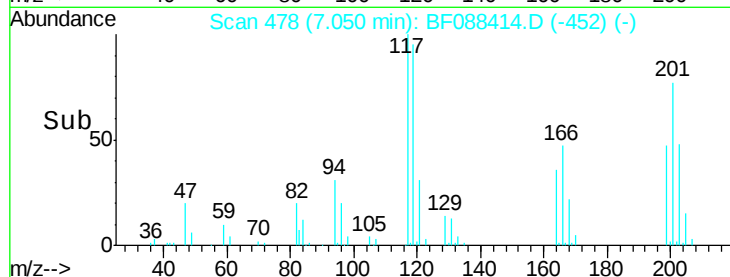
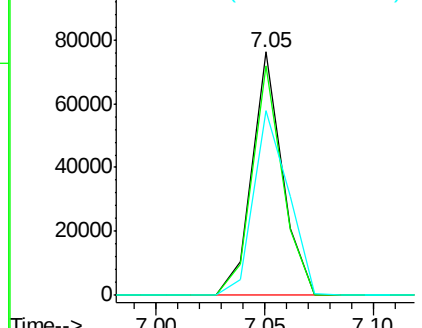
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Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 33.46 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Tgt Ion: 70 Resp: 122094

Ion Ratio Lower Upper

70 100

42 50.0 49.6 74.4

101 9.5 7.1 10.7

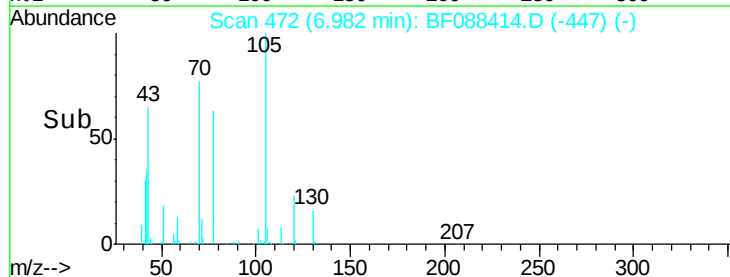
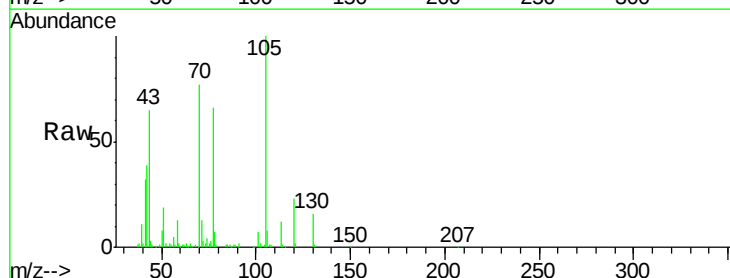
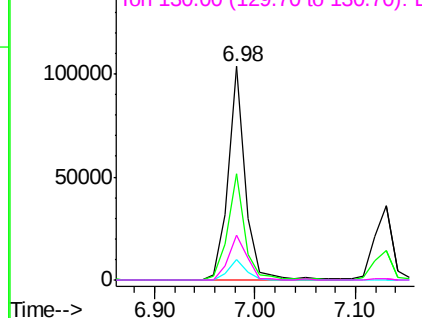
130 21.3 15.4 23.2

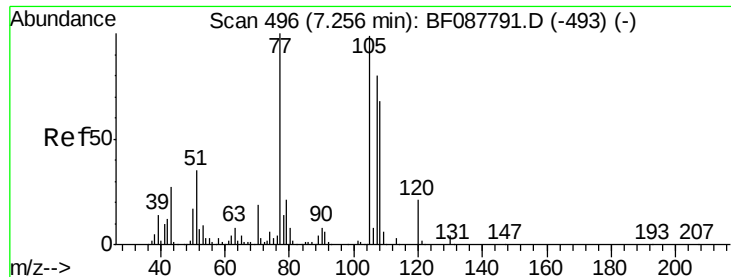
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 35.52 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Instrument :

BNA_F

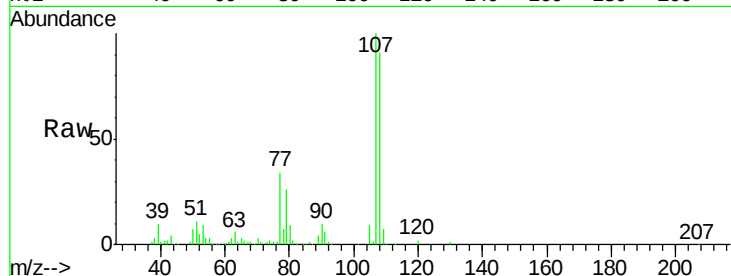
ClientSampleId :

EDD-3EMS

Tot Ion	Ratio	Lower	Upper
107	100		
108	91.0	67.8	107.8
77	34.5	59.3	99.3#
79	26.4	7.0	47.0

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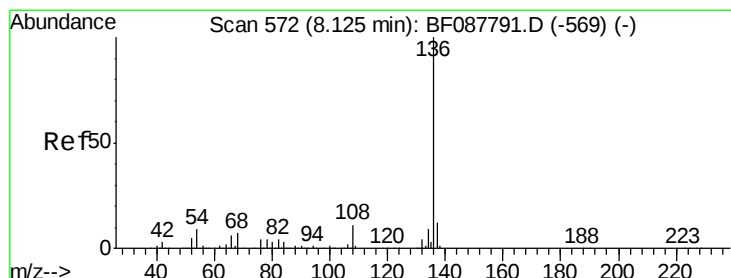
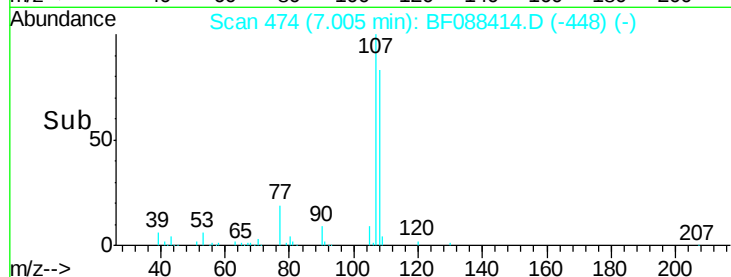
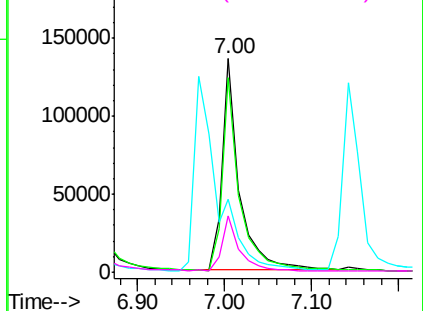
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	5.4	6.6	10.0#
68	4.8	5.1	7.7#

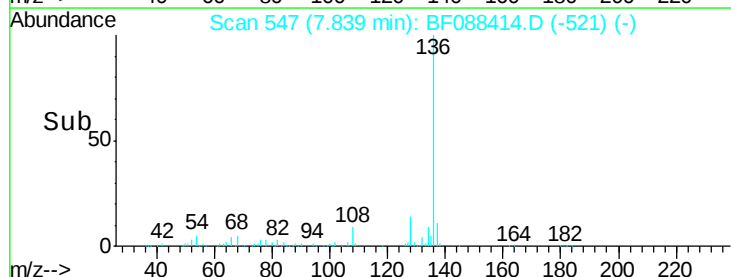
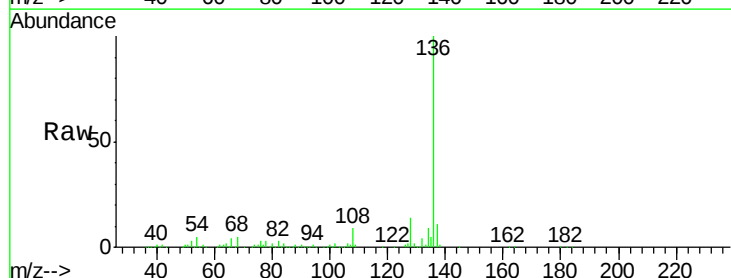
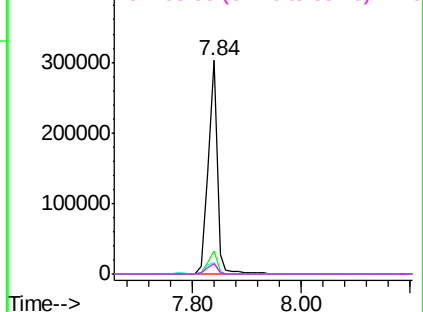
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 33.81 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Instrument :

BNA_F

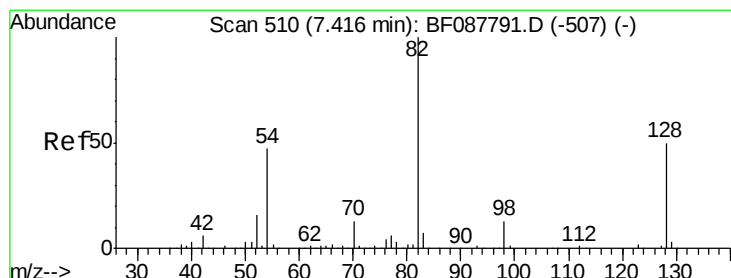
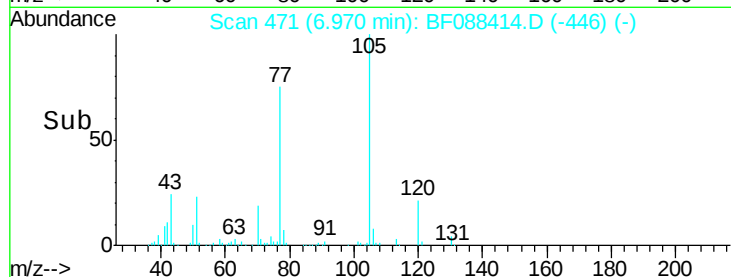
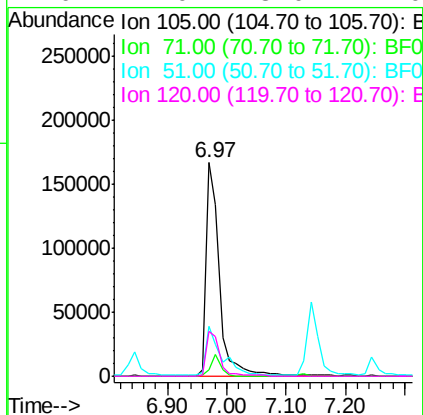
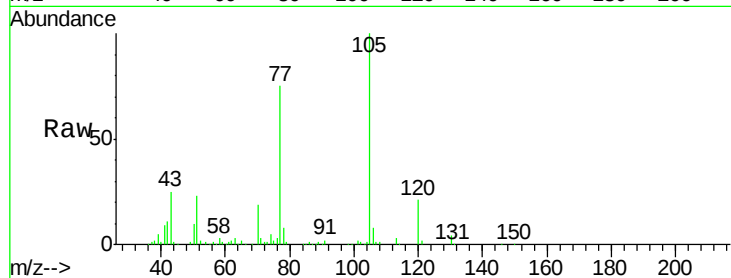
ClientSampleId :

EDD-3EMS

Tot Ion:	105	Resp:	264882
Ion Ratio	Lower	Upper	
105	100		
71	3.2	5.3	7.9#
51	23.4	18.2	27.4
120	21.0	18.0	27.0

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#23

Nitrobenzene-d5

Concen: 58.81 ng

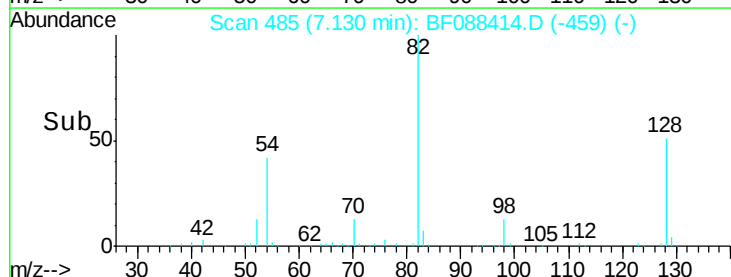
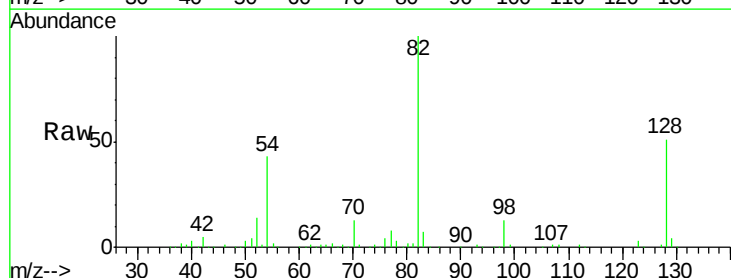
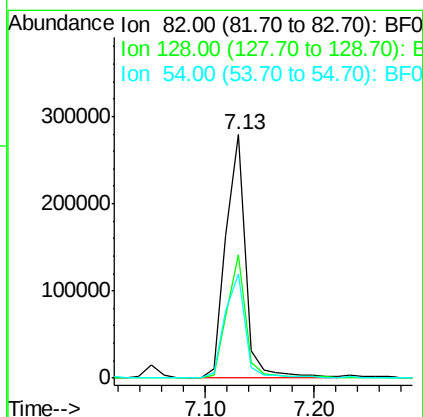
RT: 7.13 min Scan# 485

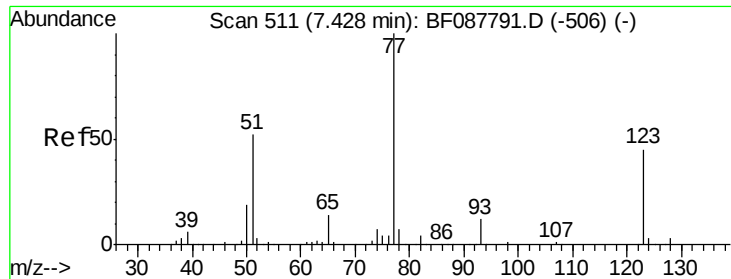
Delta R.T. 0.00 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Tgt Ion:	82	Resp:	353106
Ion Ratio	Lower	Upper	
82	100		
128	50.6	35.9	53.9
54	42.6	40.9	61.3





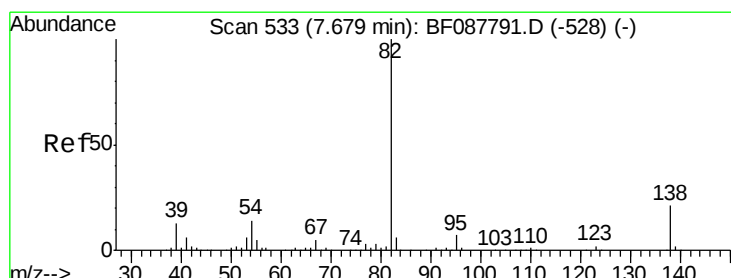
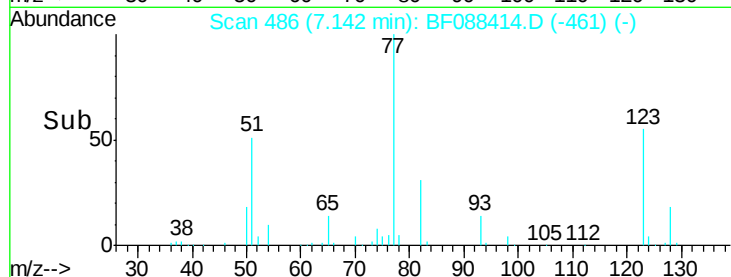
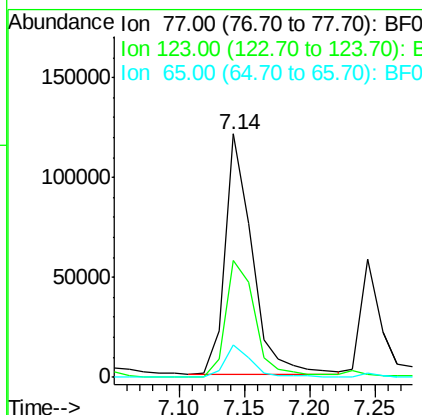
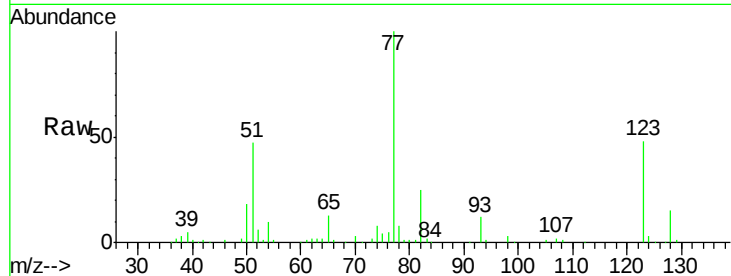
#24
 Nitrobenzene
 Concen: 29.73 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.01 min
 Lab File: BF088414.D
 Acq: 26 Jun 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMS

Tot Ion	Ratio	Lower	Upper
77	100		
123	47.8	45.0	67.4
65	13.1	10.2	15.2

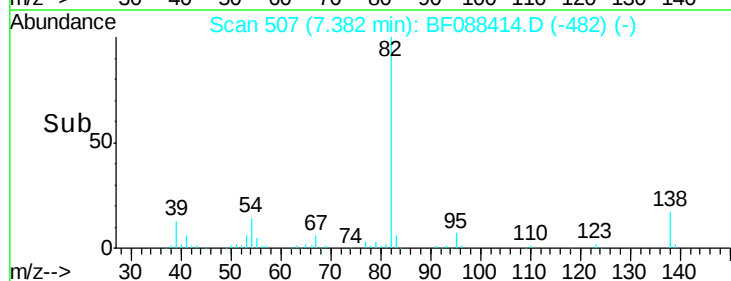
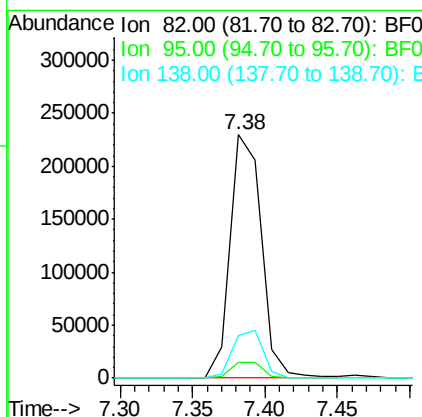
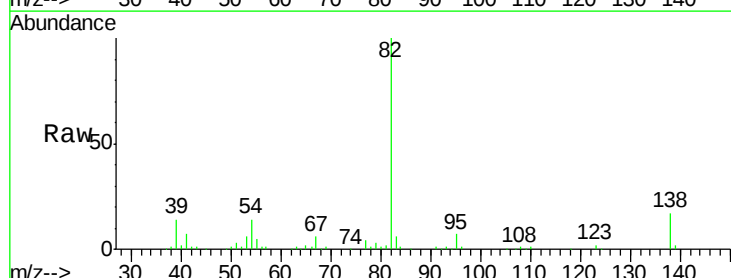
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#25
 Isophorone
 Concen: 30.73 ng
 RT: 7.38 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: BF088414.D
 Acq: 26 Jun 2016 13:10

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.4	8.2
138	17.3	14.6	21.8





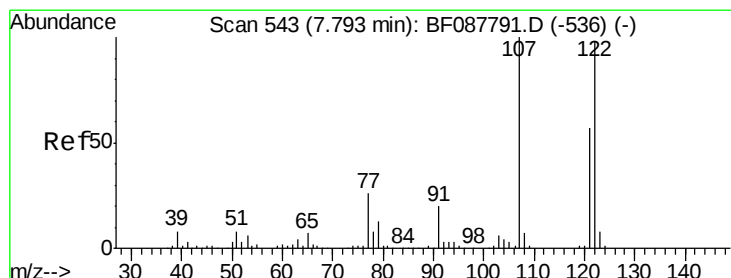
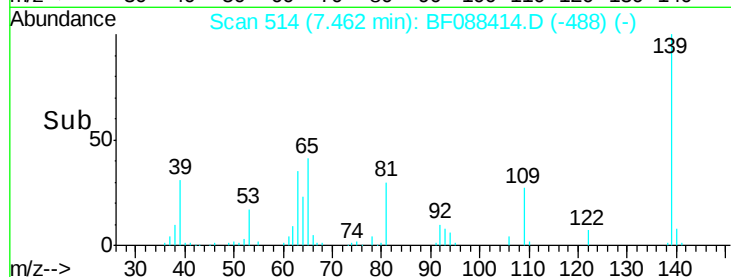
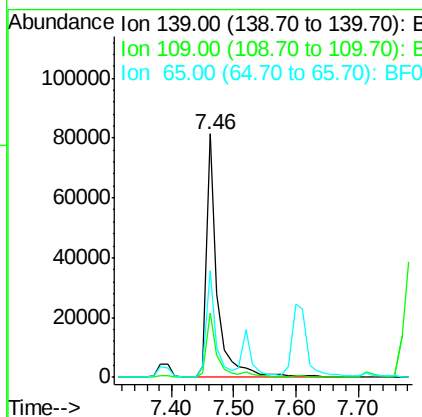
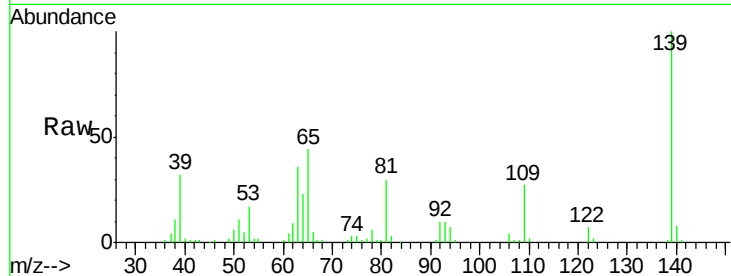
#26
 2-Nitrophenol
 Concen: 31.47 ng
 RT: 7.46 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: BF088414.D
 Acq: 26 Jun 2016 13:10

Instrument :
 BNA_F
 ClientSampled :
 EDD-3EMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	26.7	23.0	34.4	
65	44.1	45.8	68.8	

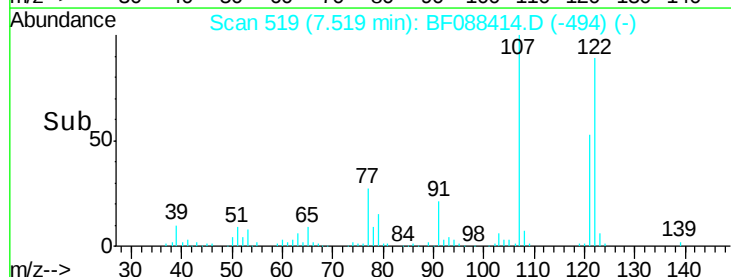
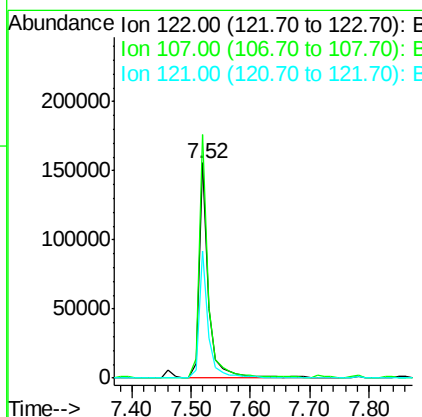
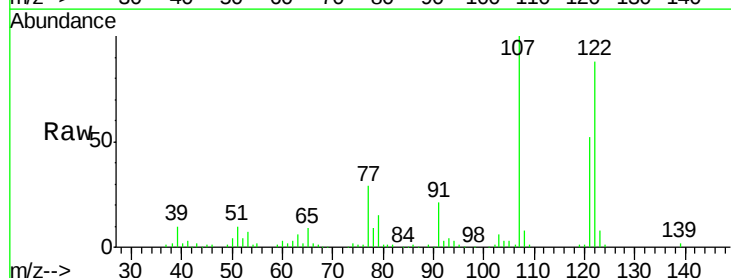
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#27
 2,4-Dimethylphenol
 Concen: 30.24 ng
 RT: 7.52 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: BF088414.D
 Acq: 26 Jun 2016 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
107	113.1	82.4	123.6	
121	59.3	46.3	69.5	





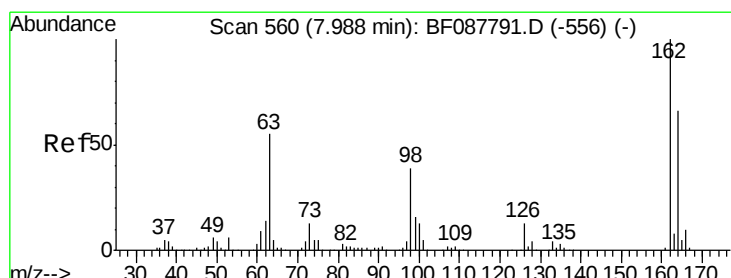
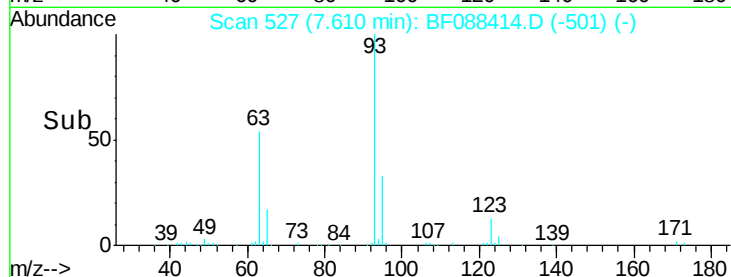
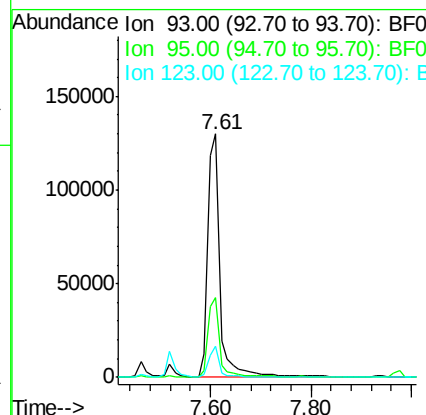
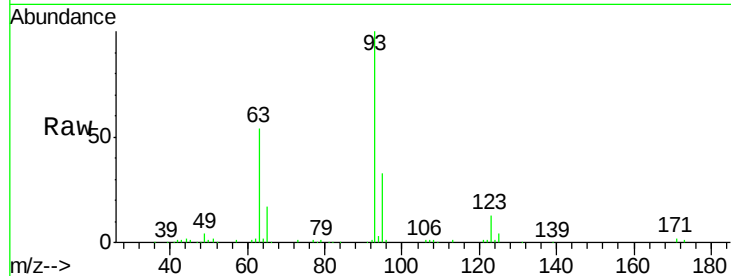
#28
bis(2-Chloroethoxy)methane
Concen: 31.37 ng
RT: 7.61 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Instrument :
BNA_F
ClientSampleId :
EDD-3EMS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.6	26.5	39.7	
123	13.0	11.6	17.4	

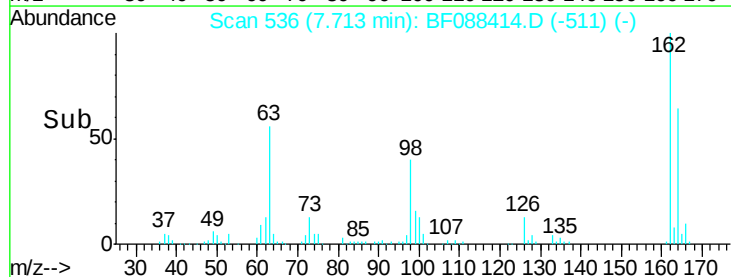
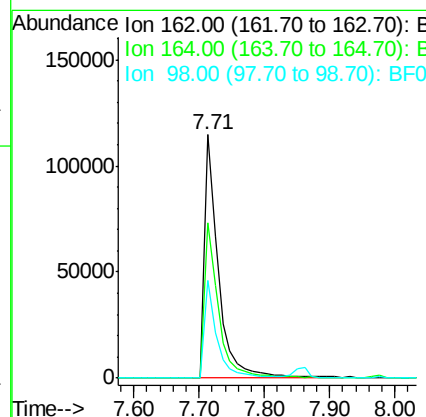
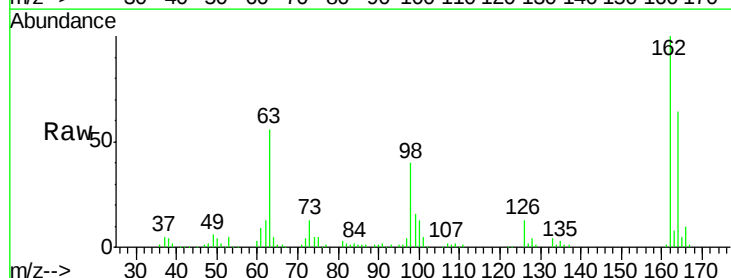
Manual Integrations
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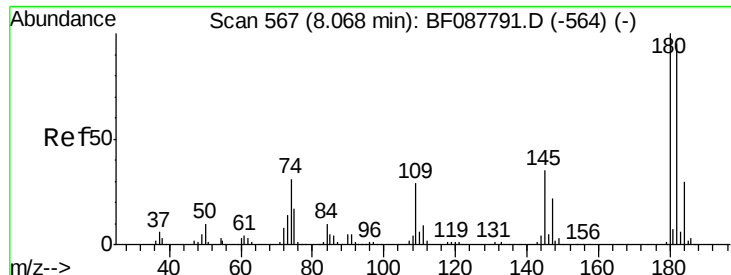
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#29
2,4-Dichlorophenol
Concen: 35.46 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.6	43.8	83.8	
98	40.4	21.3	61.3	





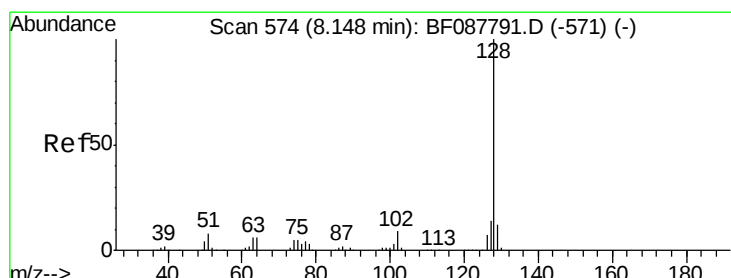
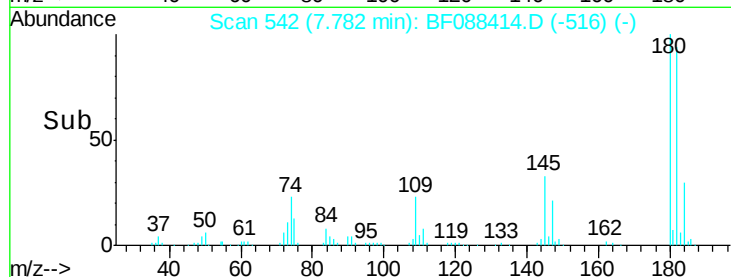
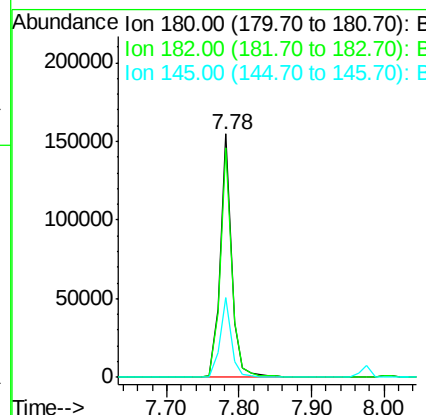
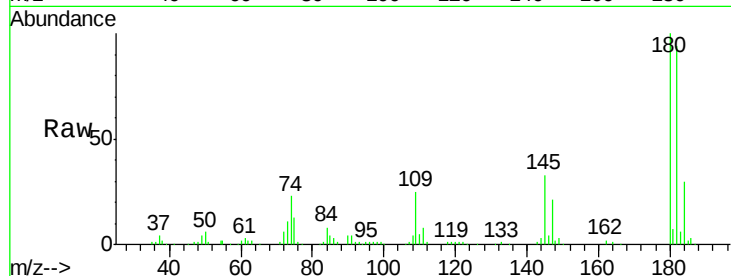
#30
1,2,4-Trichlorobenzene
Concen: 32.67 ng
RT: 7.78 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Instrument :
BNA_F
ClientSampleId :
EDD-3EMS

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.0	114.0
145	32.7	26.5	39.7

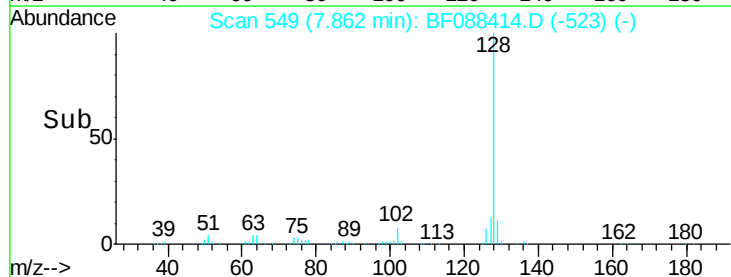
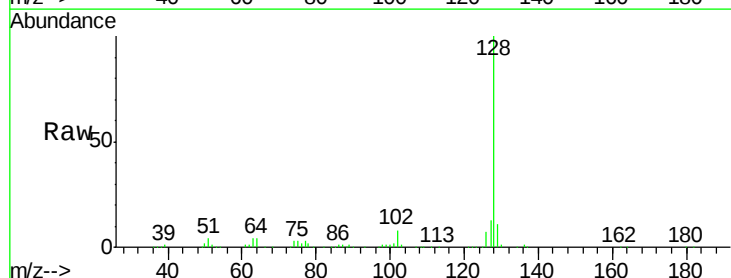
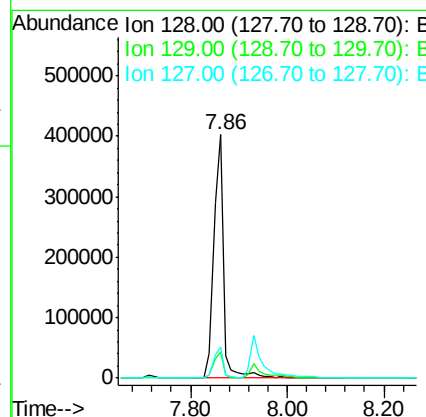
Manual Integrations
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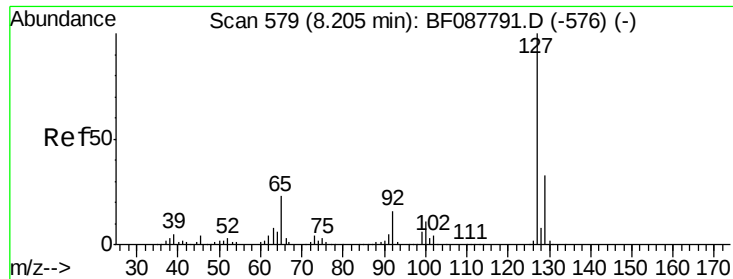
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#31
Naphthalene
Concen: 33.25 ng
RT: 7.86 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.4	14.2
127	12.9	10.9	16.3





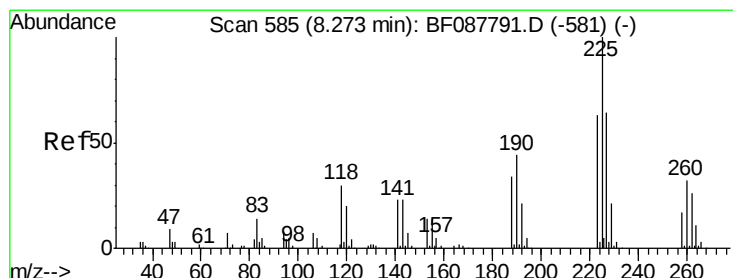
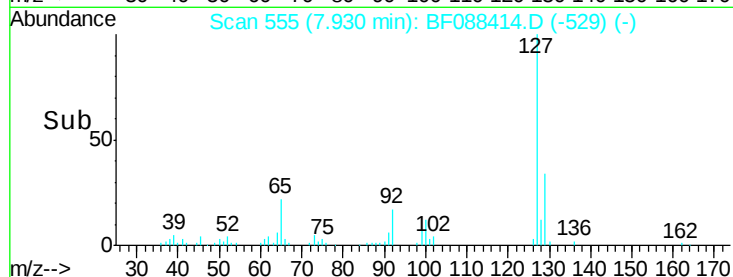
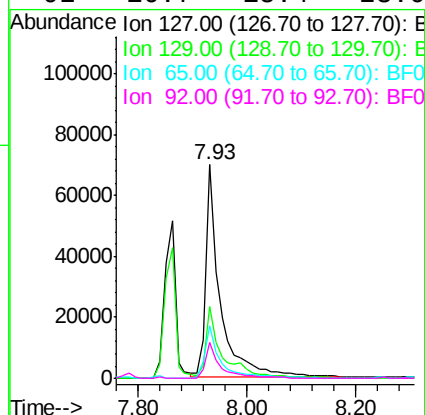
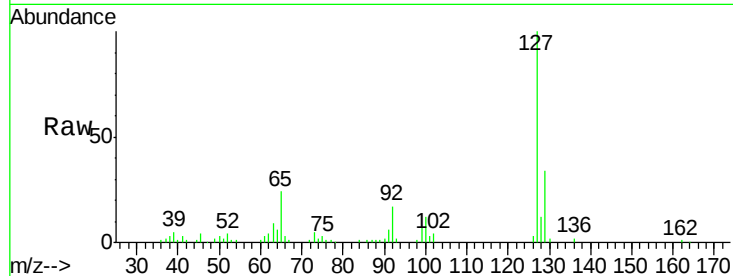
#33
4-Chloroaniline
Concen: 16.48 ng
RT: 7.93 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Instrument :
BNA_F
ClientSampled :
EDD-3EMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.3	39.5
65	24.5	24.7	37.1
92	16.7	15.4	23.0

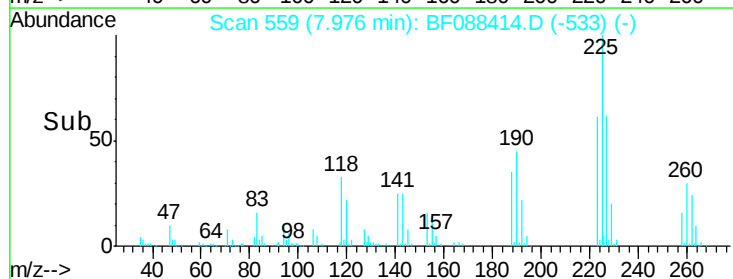
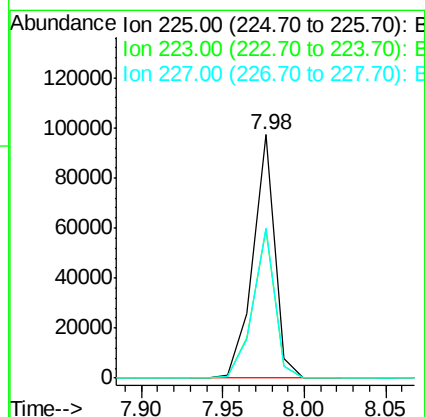
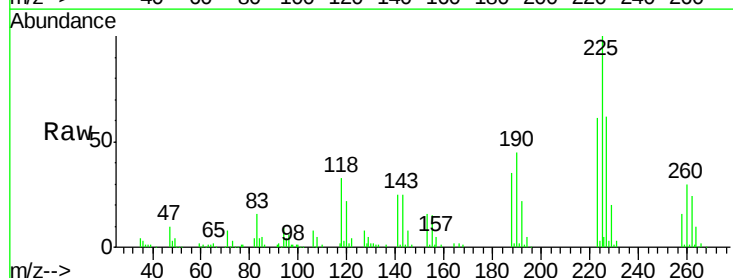
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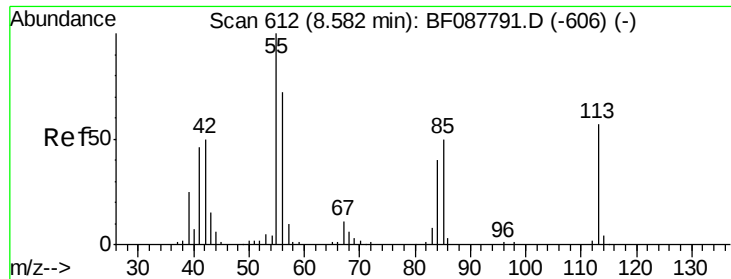
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#34
Hexachlorobutadiene
Concen: 32.96 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.9	76.3
227	61.8	51.9	77.9





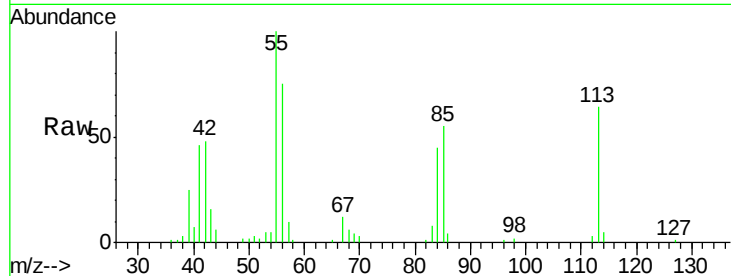
#35
Caprolactam
Concen: 32.28 ng
RT: 8.30 min Scan# 587
Delta R.T. -0.03 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Instrument :
BNA_F
ClientSampleId :
EDD-3EMS

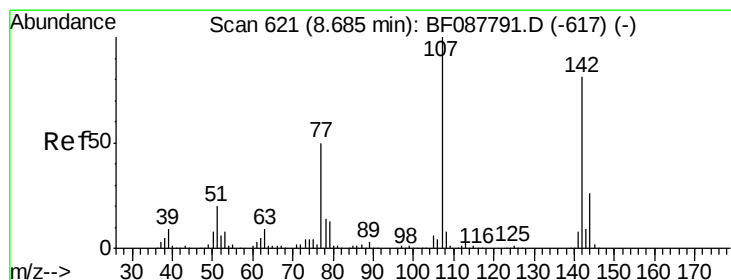
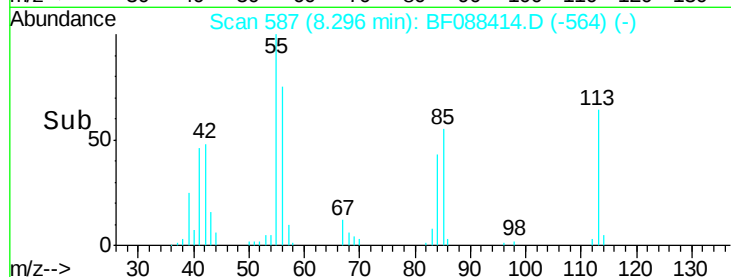
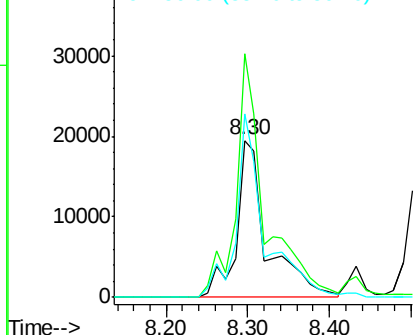
Tot Ion:113 Resp: 51206
Ion Ratio Lower Upper
113 100
55 155.2 158.6 198.6#
56 116.7 110.6 150.6

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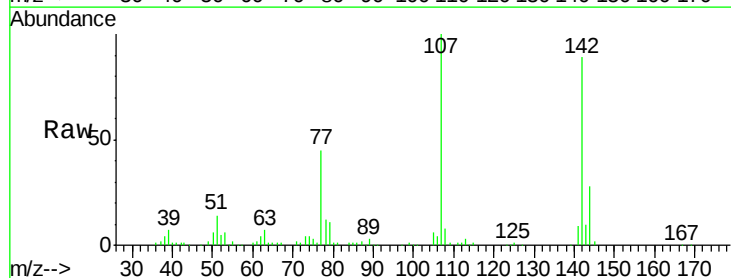


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

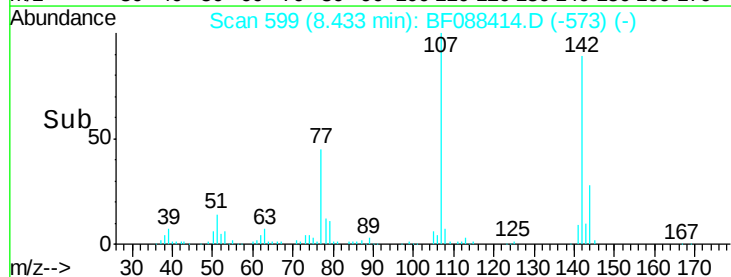
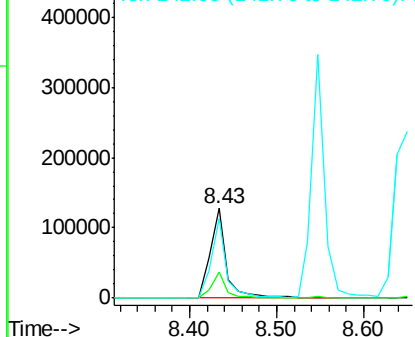


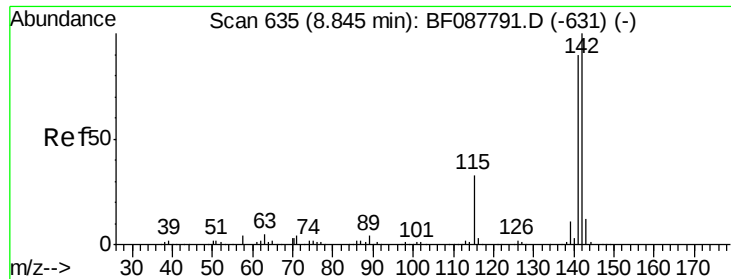
#36
4-Chloro-3-methylphenol
Concen: 32.83 ng
RT: 8.43 min Scan# 599
Delta R.T. 0.00 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Tgt Ion:107 Resp: 168136
Ion Ratio Lower Upper
107 100
144 28.4 20.8 31.2
142 88.5 63.4 95.2



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





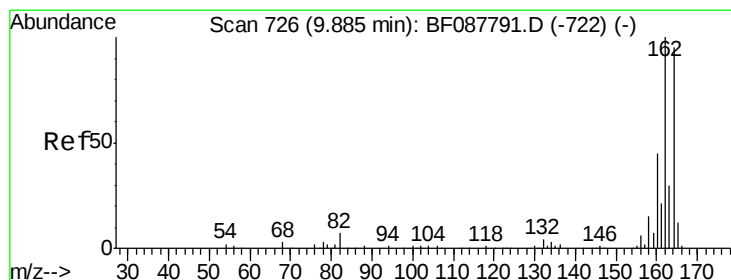
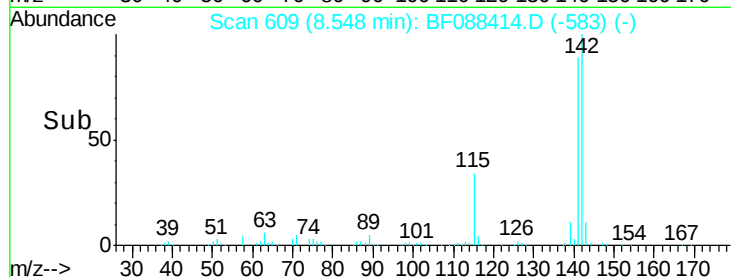
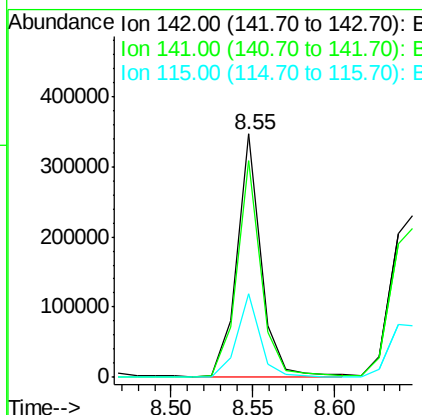
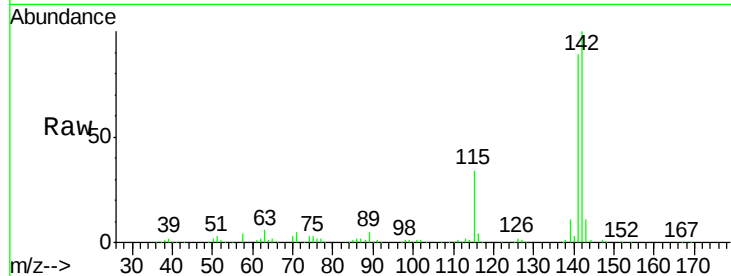
#37
2-Methylnaphthalene
Concen: 31.76 ng/mL
RT: 8.55 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Instrument :
BNA_F
ClientSampleId :
EDD-3EMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.6
115	34.3	22.6	33.8

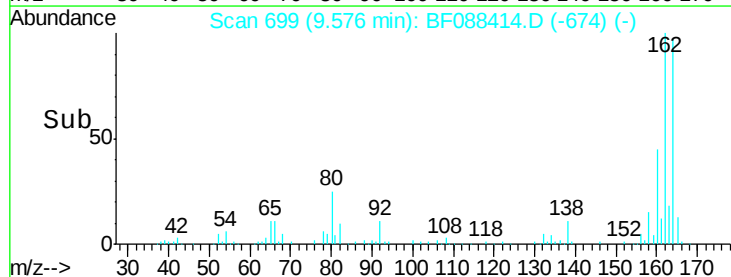
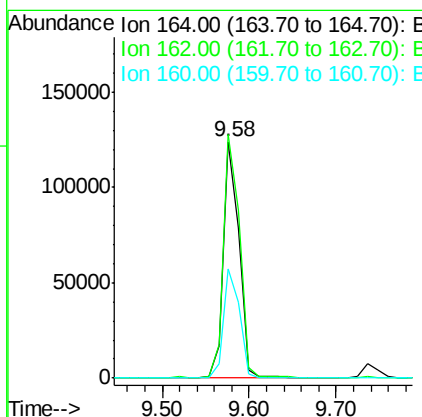
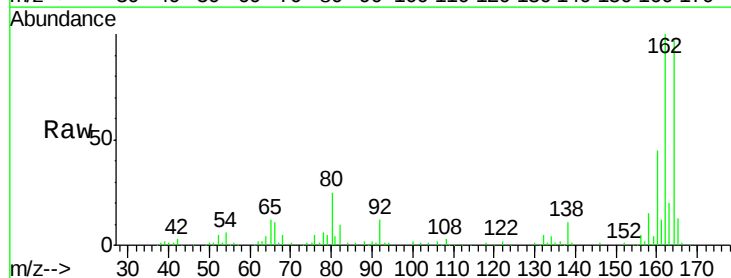
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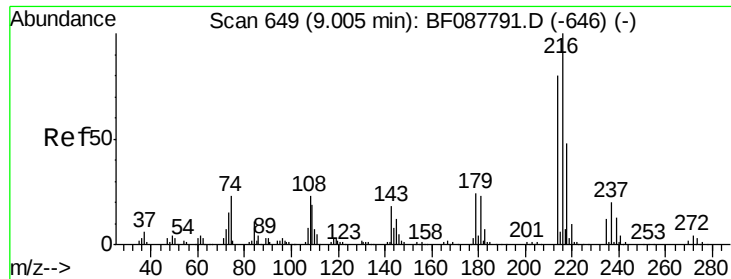
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#38
Acenaphthene-d10
Concen: 20.00 ng/mL
RT: 9.58 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	85.4	128.2
160	46.1	39.5	59.3





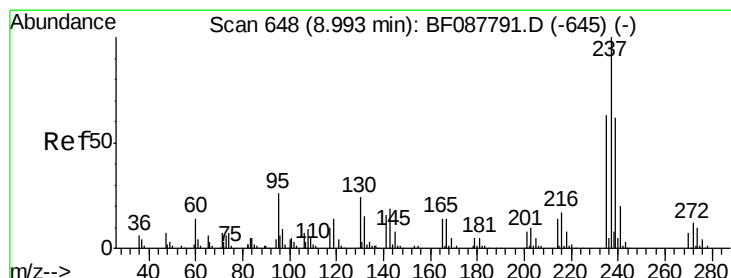
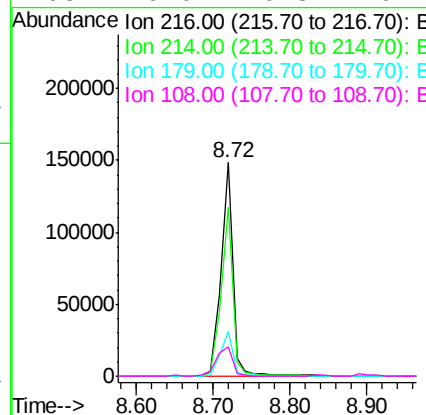
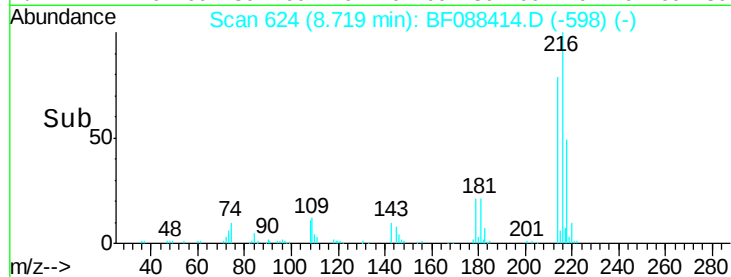
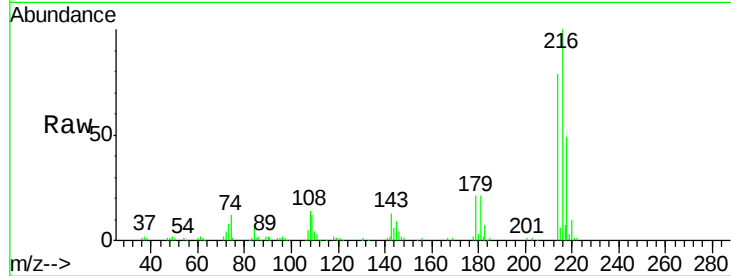
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.76 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF088414.D
 Acq: 26 Jun 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.0	2.9	4.3#
179	21.7	0.0	0.0#
108	20.0	0.5	0.7#

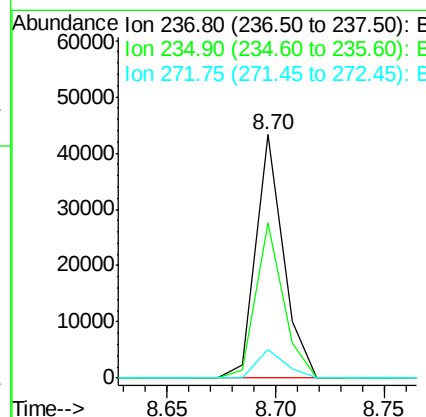
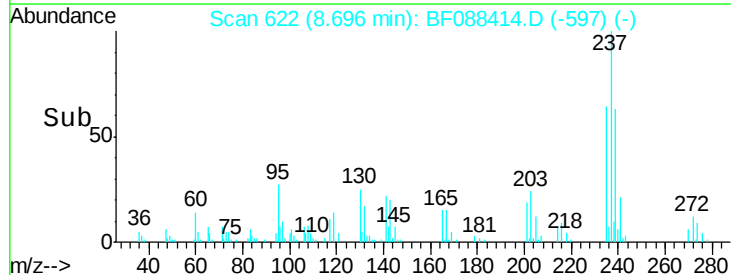
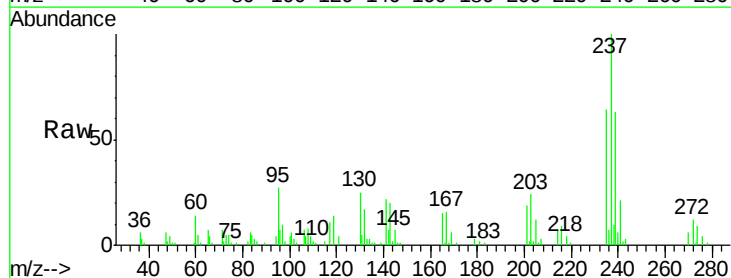
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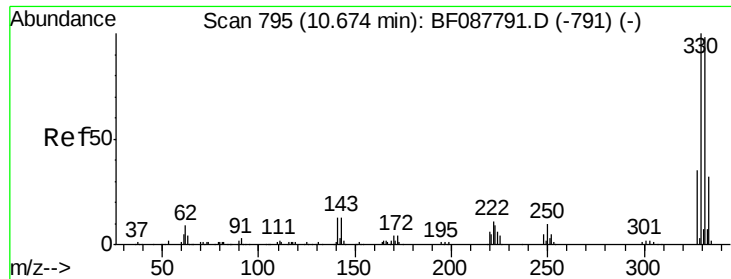
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#40
 Hexachlorocyclopentadiene
 Concen: 15.09 ng
 RT: 8.70 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF088414.D
 Acq: 26 Jun 2016 13:10

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.9	43.4	83.4
272	11.7	0.0	32.3





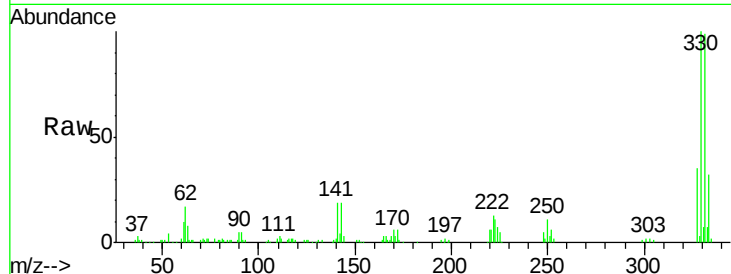
#41
 2,4,6-Tribromophenol
 Concen: 82.90 ng
 RT: 10.38 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF088414.D
 Acq: 26 Jun 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMS

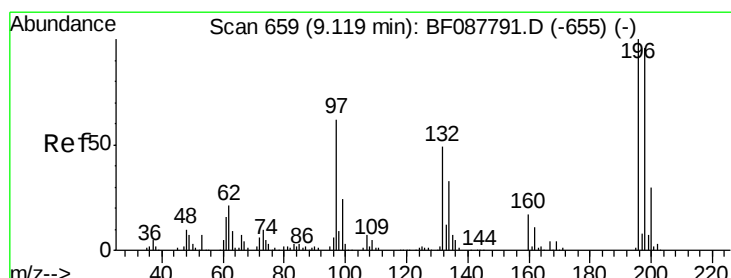
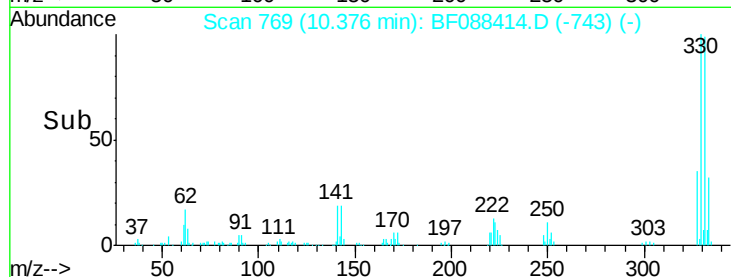
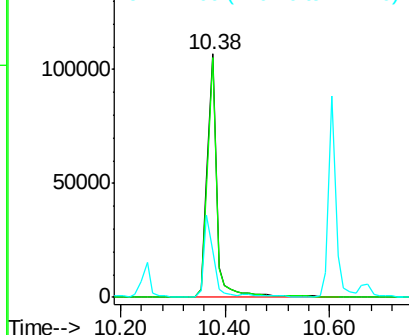
Tot Ion	Ratio	Resp	Lower	Upper
330	100	137727		
332	96.5	0.0	0.0	0.0
141	36.3	0.0	0.0	0.0

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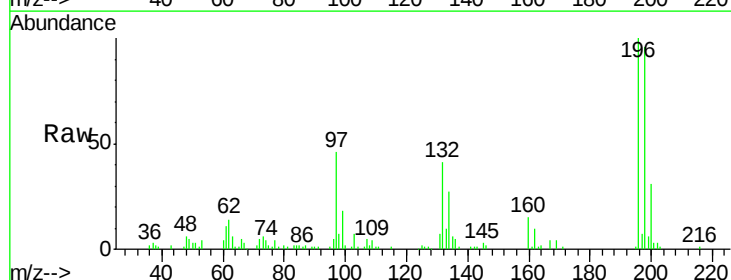


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

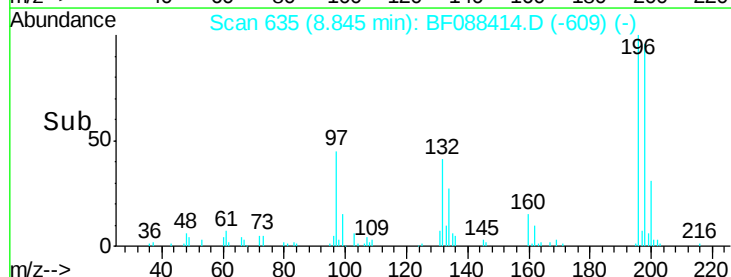
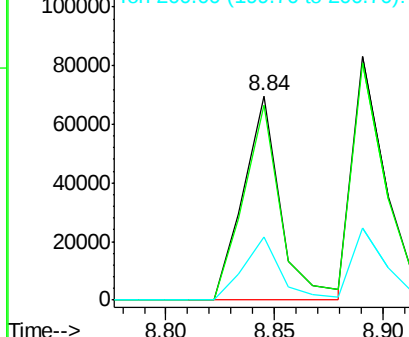


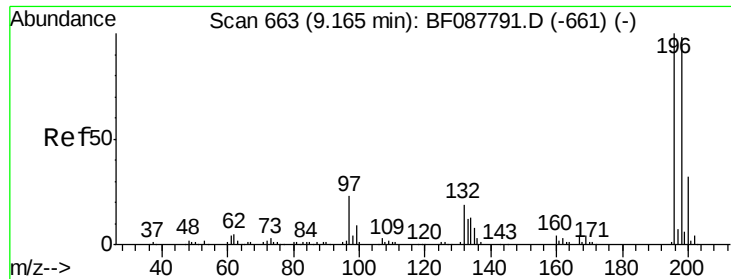
#42
 2,4,6-Trichlorophenol
 Concen: 26.32 ng
 RT: 8.84 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF088414.D
 Acq: 26 Jun 2016 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	82811		
198	95.6	78.0	117.0	
200	31.1	25.4	38.2	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





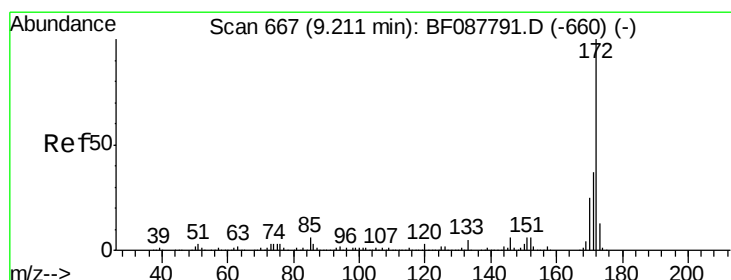
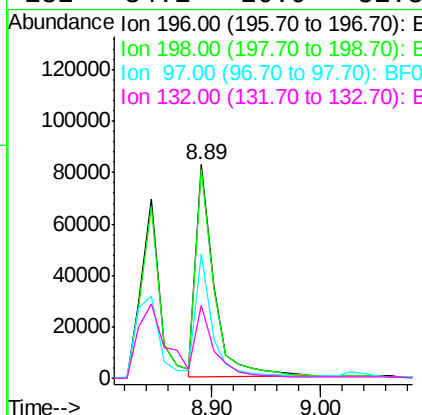
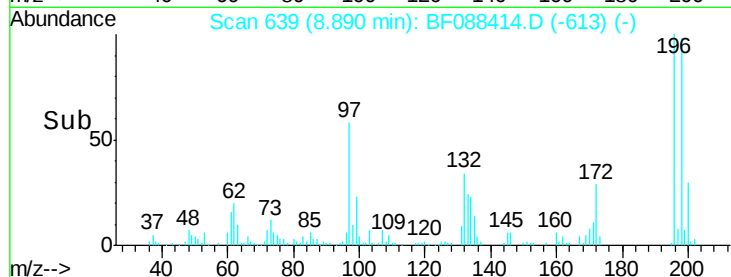
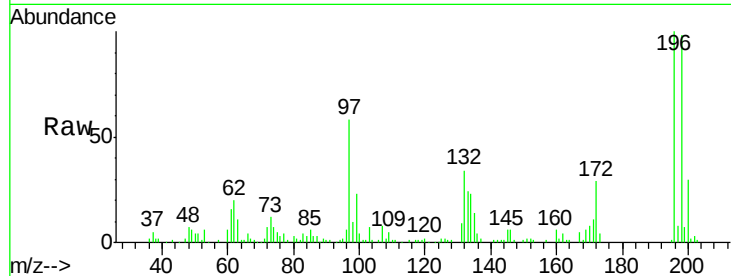
#43
 2,4,5-Trichlorophenol
 Concen: 29.70 ng
 RT: 8.89 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF088414.D
 Acq: 26 Jun 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMS

Tot Ion:	196	Resp:	97223
Ion Ratio	Lower	Upper	
196	100		
198	97.6	77.5	116.3
97	58.4	32.0	48.0#
132	34.1	20.9	31.3#

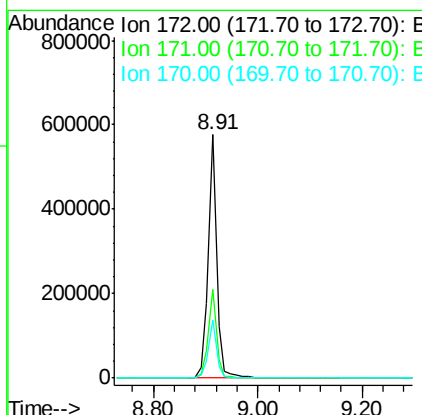
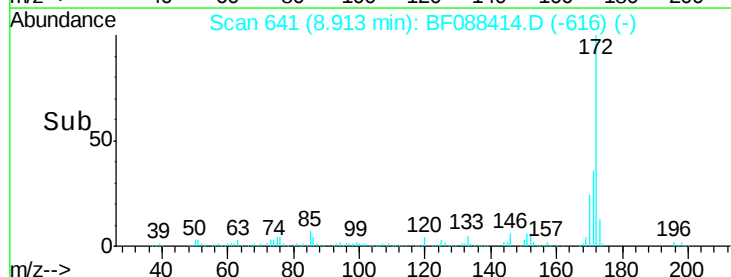
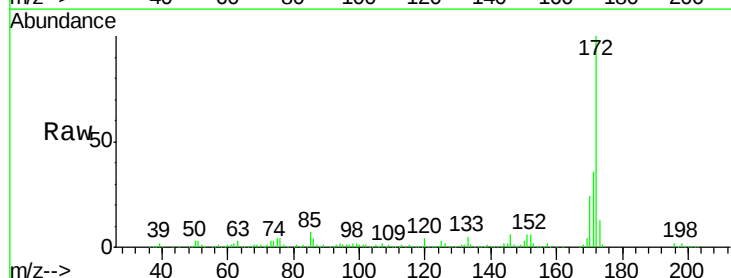
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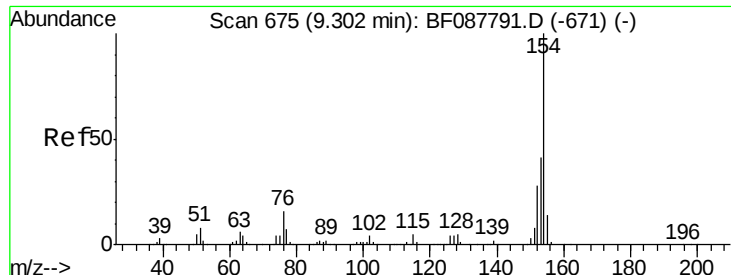
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#44
 2-Fluorobiphenyl
 Concen: 63.67 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF088414.D
 Acq: 26 Jun 2016 13:10

Tgt Ion:	172	Resp:	651632
Ion Ratio	Lower	Upper	
172	100		
171	36.2	28.6	43.0
170	23.7	19.2	28.8





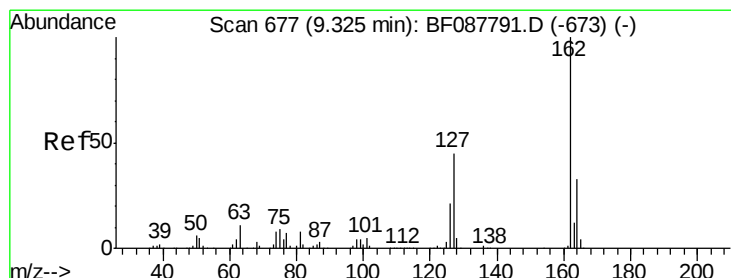
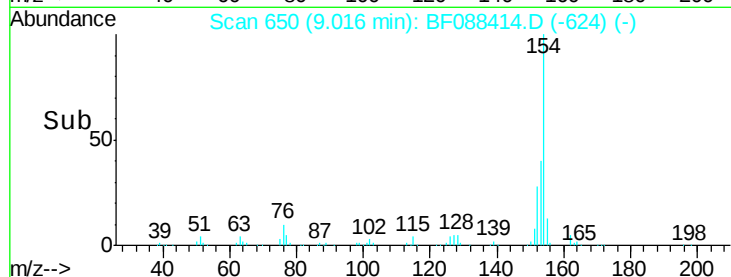
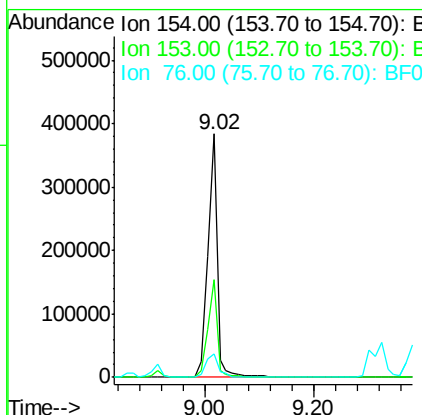
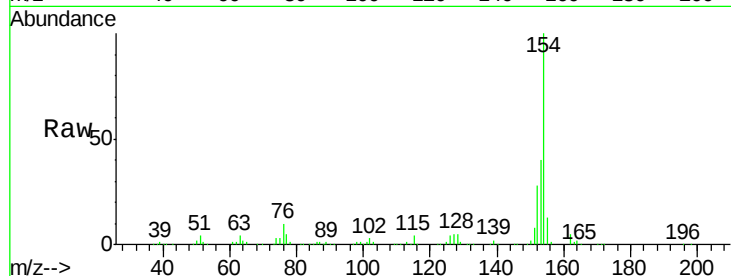
#45
 1,1'-Biphenyl
 Concen: 37.80 ng
 RT: 9.02 min Scan# 650
 Delta R.T. 0.00 min
 Lab File: BF088414.D
 Acq: 26 Jun 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMS

Tot Ion:	154	Resp:	458141
Ion Ratio		Lower	Upper
154	100		
153	40.3	20.6	60.6
76	9.5	0.0	35.1

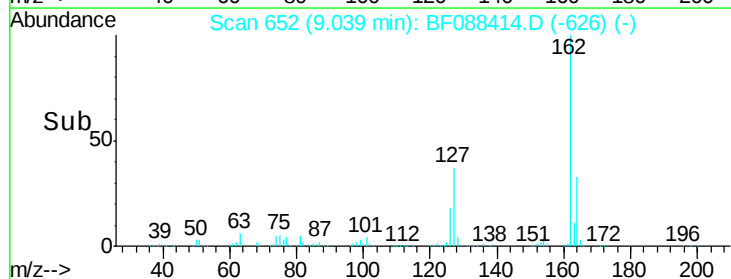
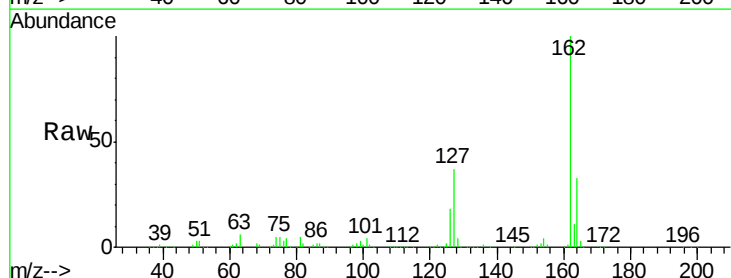
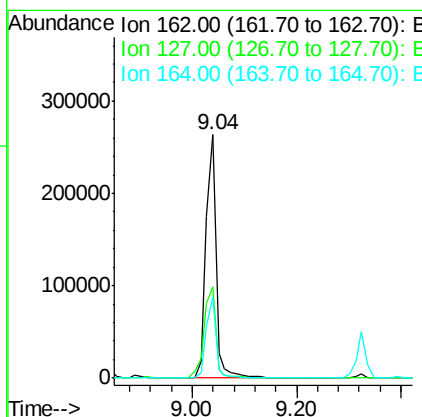
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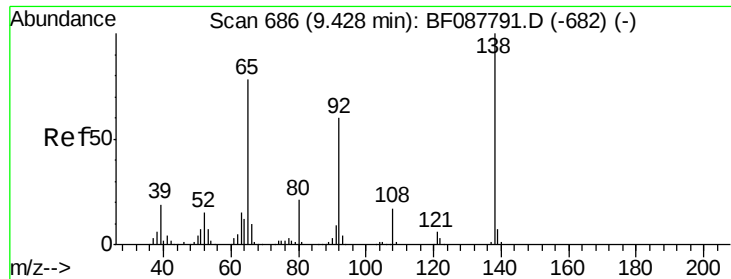
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#46
 2-Chloronaphthalene
 Concen: 35.01 ng
 RT: 9.04 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF088414.D
 Acq: 26 Jun 2016 13:10

Tgt Ion:	162	Resp:	356471
Ion Ratio		Lower	Upper
162	100		
127	37.4	35.2	52.8
164	33.1	26.6	39.8





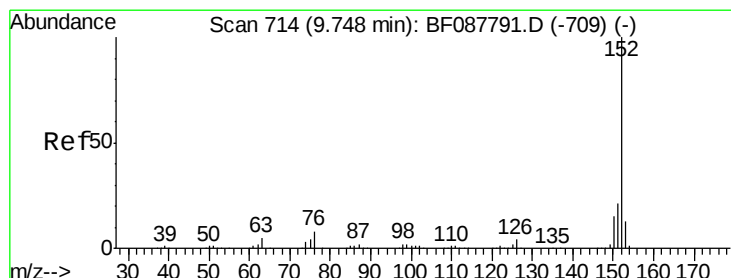
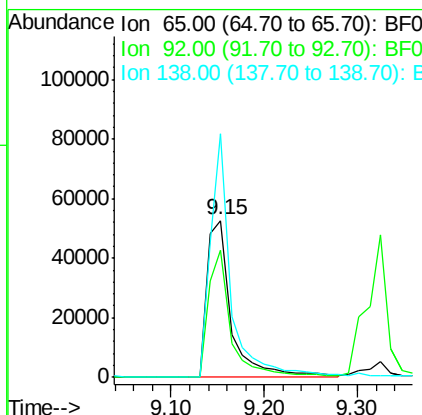
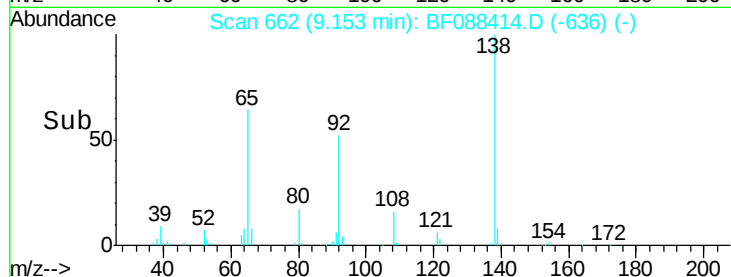
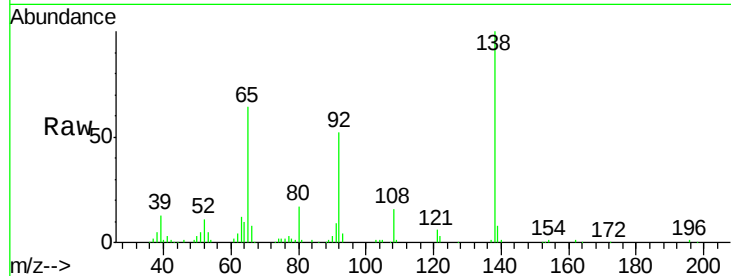
#47
 2-Nitroaniline
 Concen: 32.17 ng
 RT: 9.15 min Scan# 662
 Delta R.T. 0.00 min
 Lab File: BF088414.D
 Acq: 26 Jun 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	81.0	54.6	82.0
138	155.4	77.0	115.4

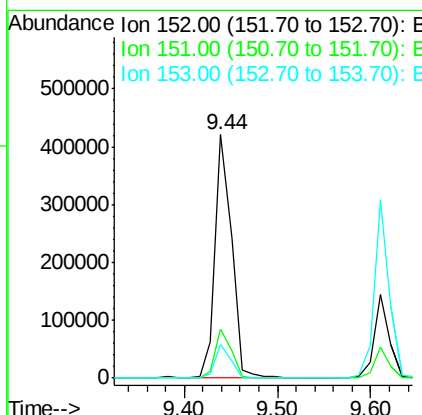
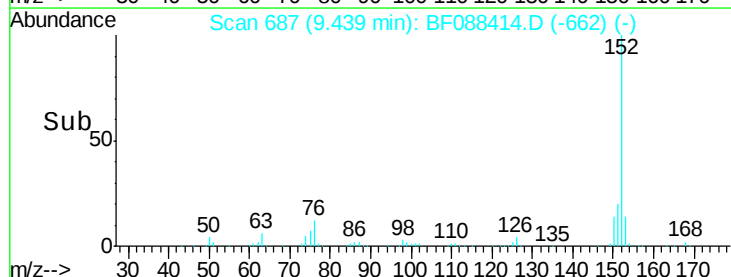
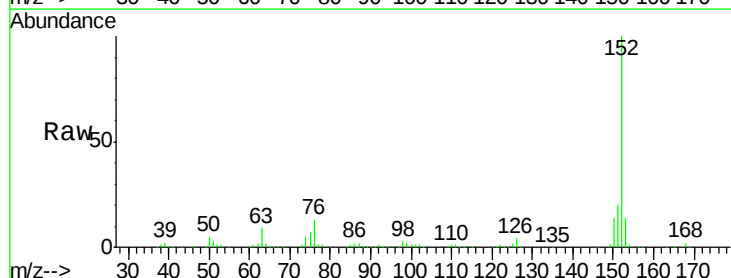
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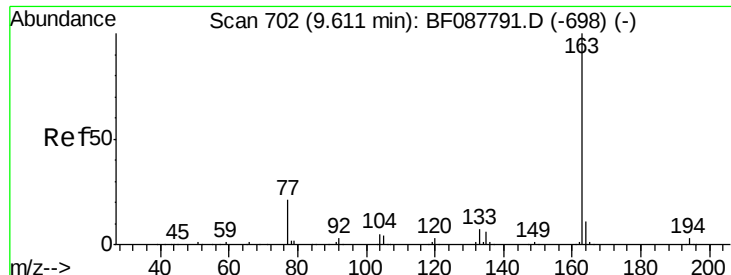
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#48
 Acenaphthylene
 Concen: 32.17 ng
 RT: 9.44 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF088414.D
 Acq: 26 Jun 2016 13:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4
153	13.6	11.0	16.6





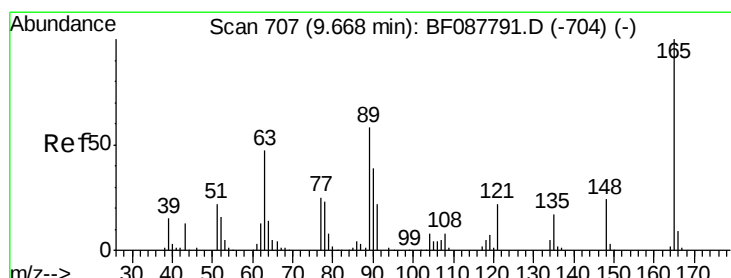
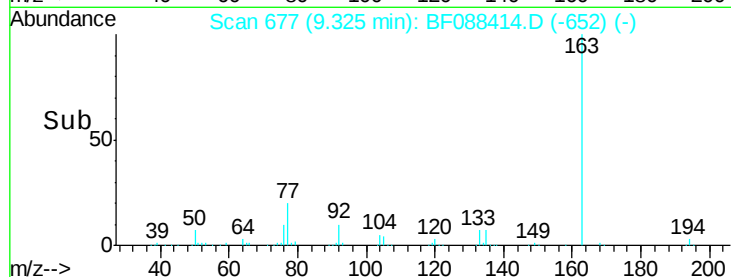
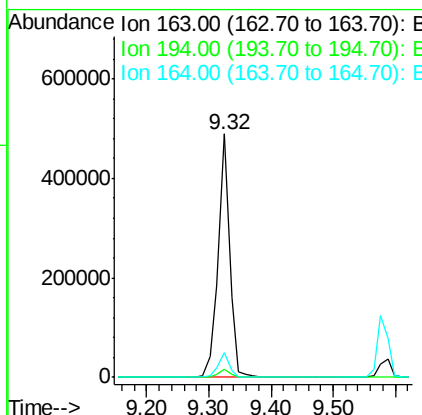
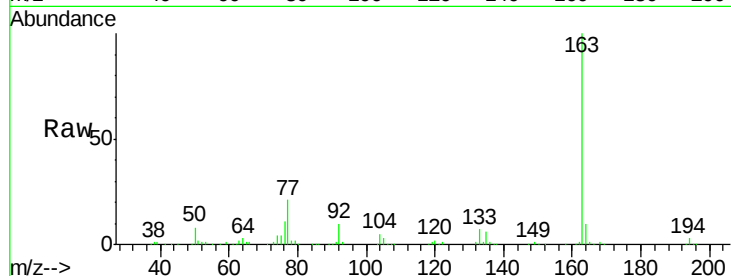
#49
Dimethylphthalate
Concen: 54.44 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Instrument :
BNA_F
ClientSampleId :
EDD-3EMS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	620479		
194	3.2		2.8	4.2
164	10.4		8.3	12.5

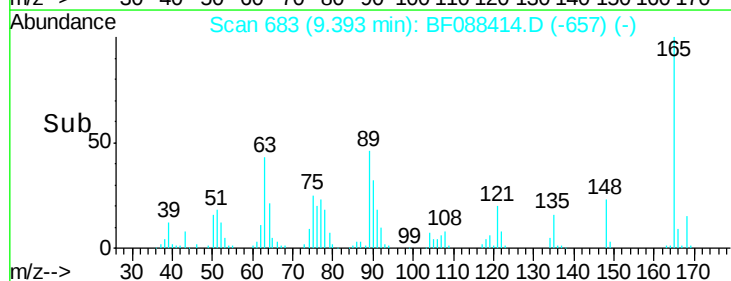
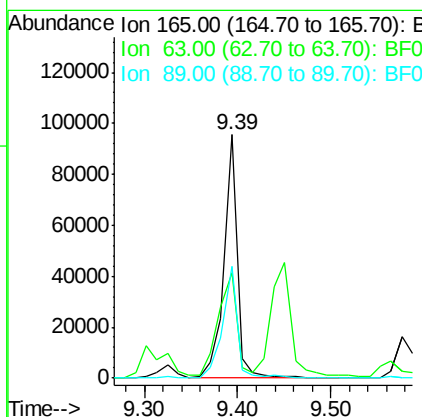
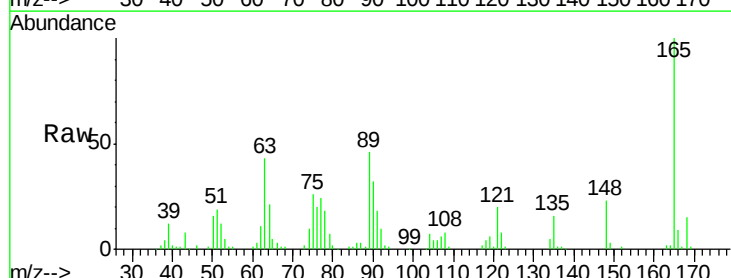
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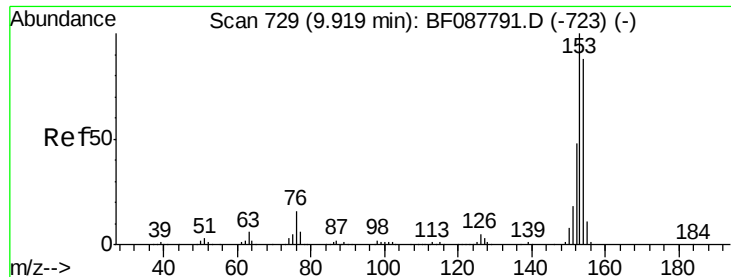
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#50
2,6-Dinitrotoluene
Concen: 36.69 ng
RT: 9.39 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	95762		
63	43.1		28.1	42.1#
89	46.1		32.2	48.2





#51

Acenaphthene

Concen: 30.39 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Instrument :

BNA_F

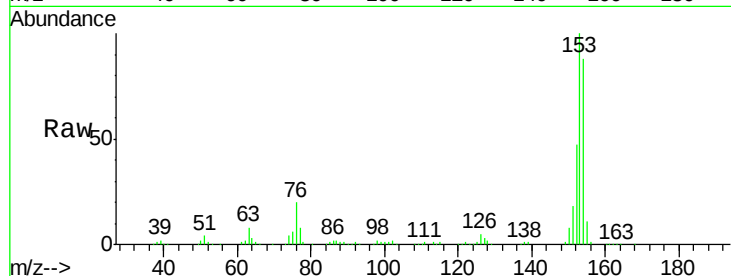
ClientSampleId :

EDD-3EMS

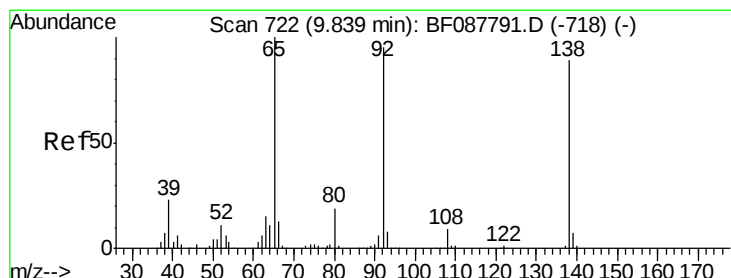
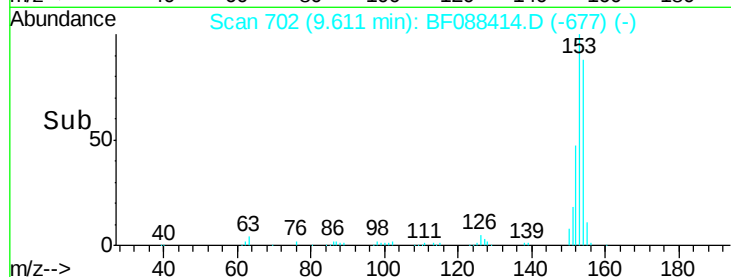
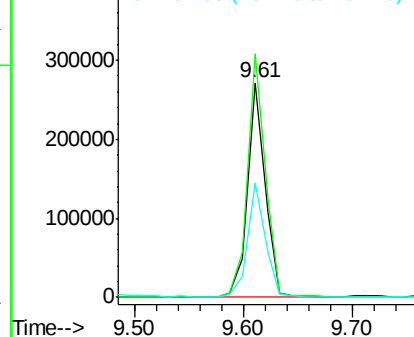
Tot Ion:154	Resp:	307041
Ion Ratio	Lower	Upper
154	100	
153	113.4	89.5 134.3
152	53.2	42.7 64.1

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.83 ng

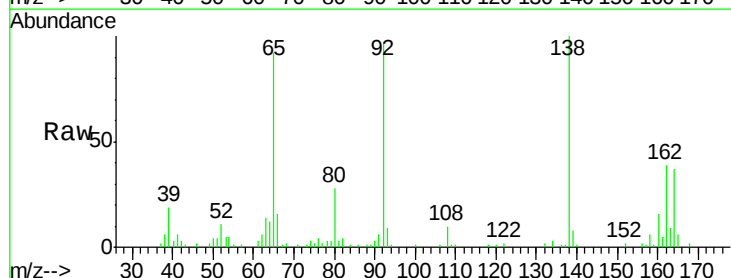
RT: 9.56 min Scan# 698

Delta R.T. 0.00 min

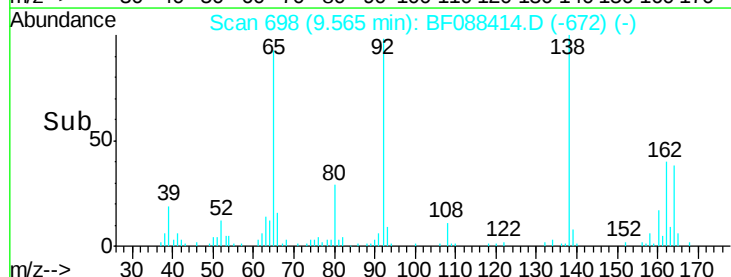
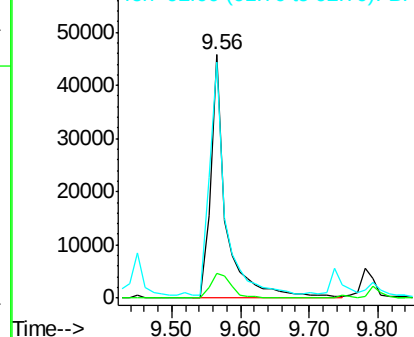
Lab File: BF088414.D

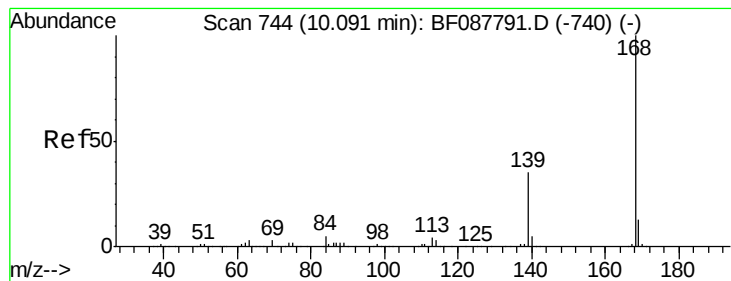
Acq: 26 Jun 2016 13:10

Tgt Ion:138	Resp:	71769
Ion Ratio	Lower	Upper
138	100	
108	10.3	8.5 12.7
92	97.0	95.7 143.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#54

Dibenzofuran

Concen: 33.27 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Instrument :

BNA_F

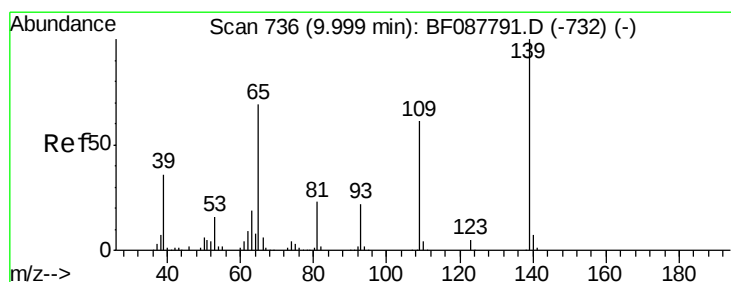
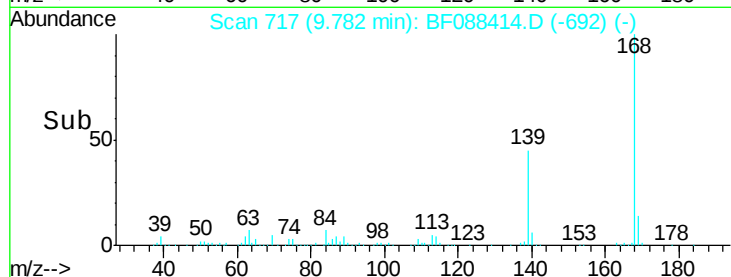
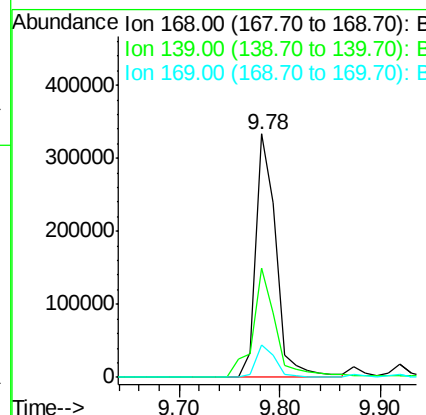
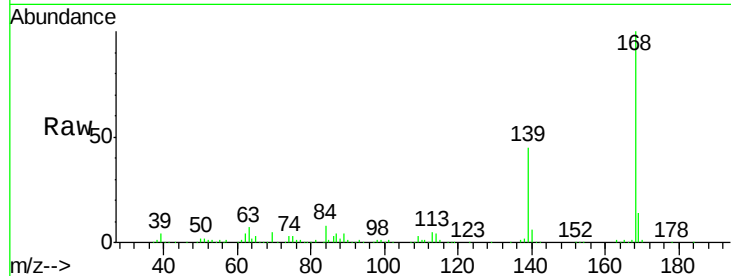
ClientSampled :

EDD-3EMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	44.8	26.4	39.6#
169	13.5	10.4	15.6

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#55

4-Nitrophenol

Concen: 16.40 ng m

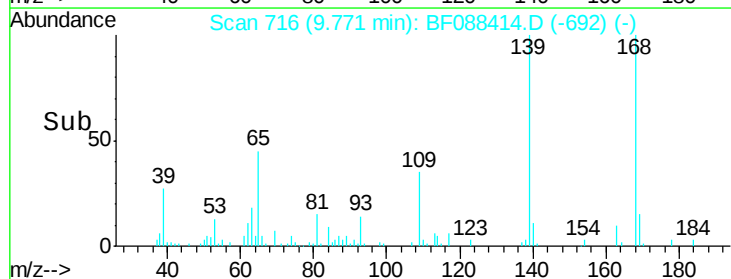
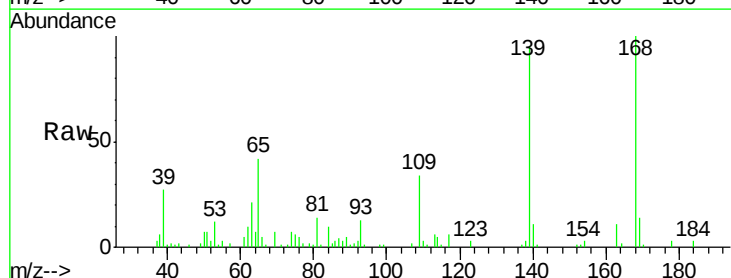
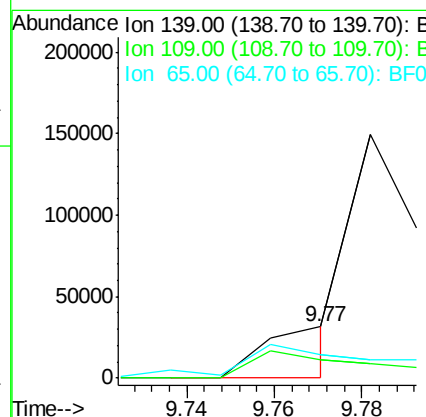
RT: 9.77 min Scan# 716

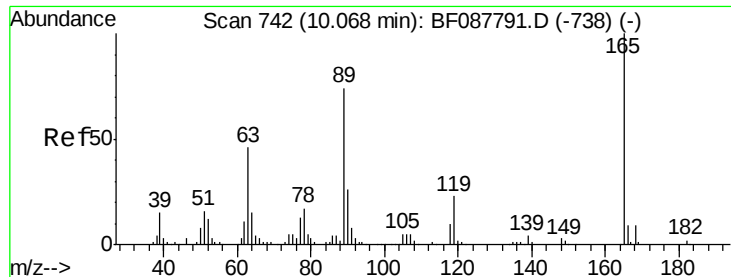
Delta R.T. -0.02 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Tgt Ion	Ratio	Lower	Upper
139	100		
109	35.5	48.9	88.9#
65	44.8	84.9	124.9#





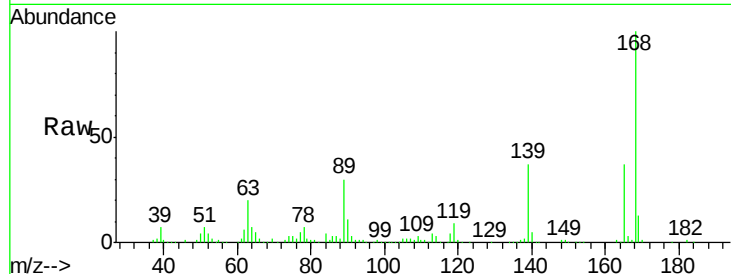
#56
2,4-Dinitrotoluene
Concen: 34.72 ng
RT: 9.79 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Instrument :
BNA_F
ClientSampleId :
EDD-3EMS

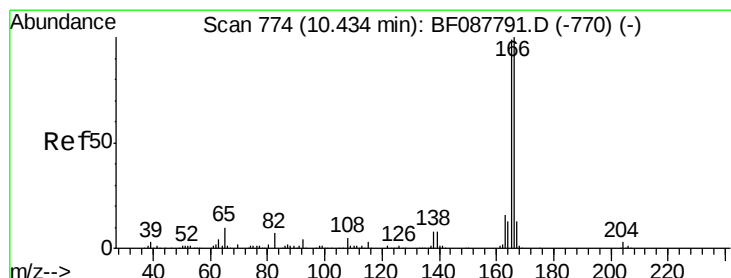
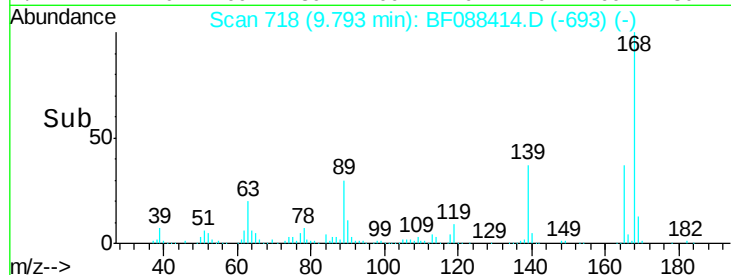
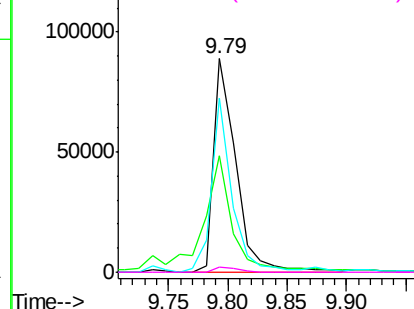
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	54.3	22.0	33.0#		
89	81.5	41.1	61.7#		
182	2.4	2.0	3.0		

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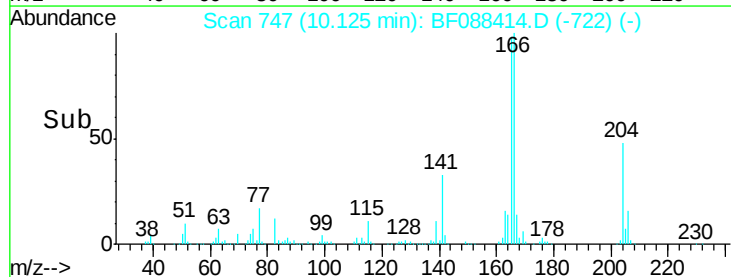
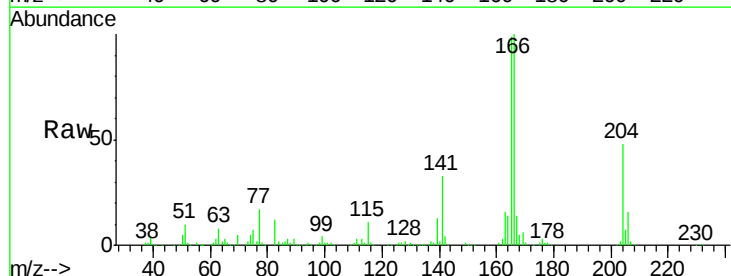
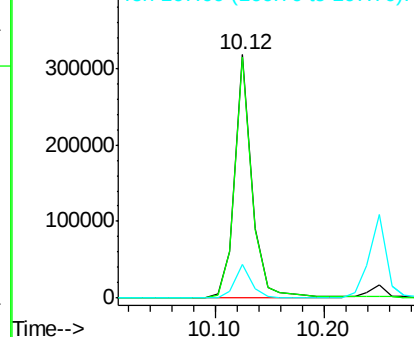
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

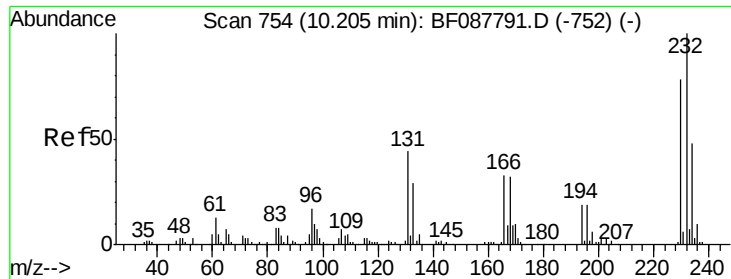


#57
Fluorene
Concen: 36.41 ng
RT: 10.12 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	99.0	77.8	116.8		
167	13.8	11.2	16.8		

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





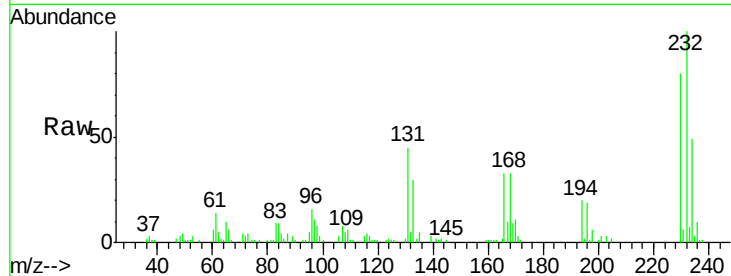
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 25.93 ng
 RT: 9.92 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: BF088414.D
 Acq: 26 Jun 2016 13:10

Instrument :
 BNA_F
 ClientSampled :
 EDD-3EMS

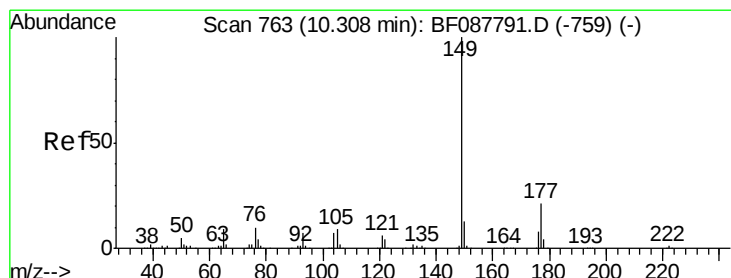
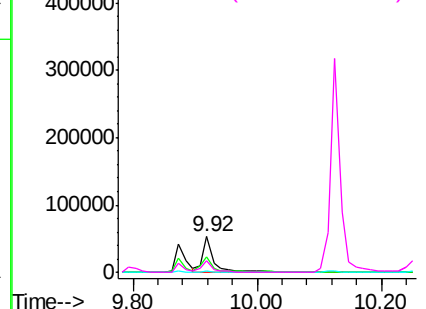
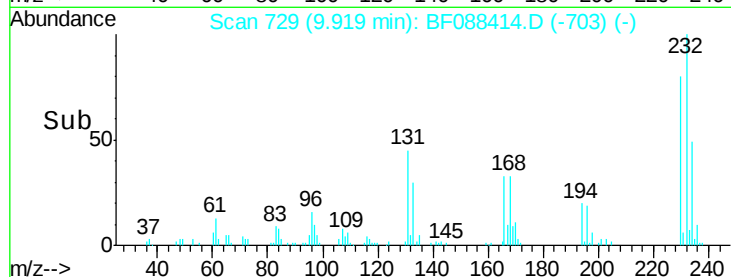
Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	48.5	0.9	1.3#
130	2.2	1.5	2.3
166	29.9	0.5	0.7#

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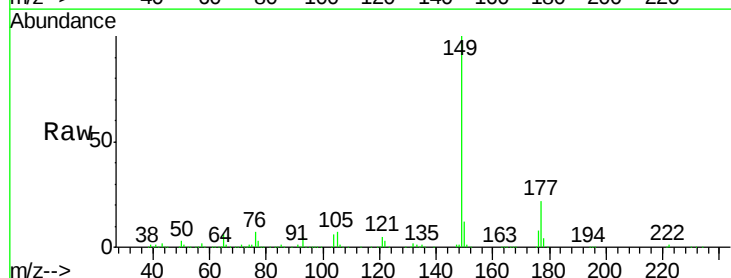


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

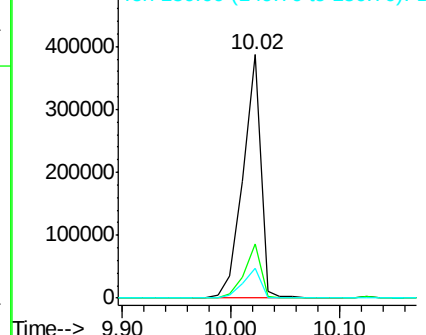
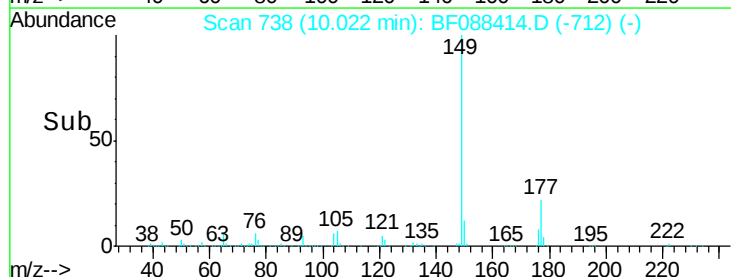


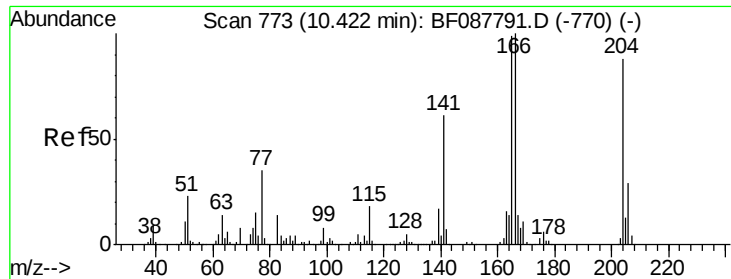
#59
 Diethylphthalate
 Concen: 37.45 ng
 RT: 10.02 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF088414.D
 Acq: 26 Jun 2016 13:10

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	22.1	16.9	25.3
150	12.3	10.1	15.1



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





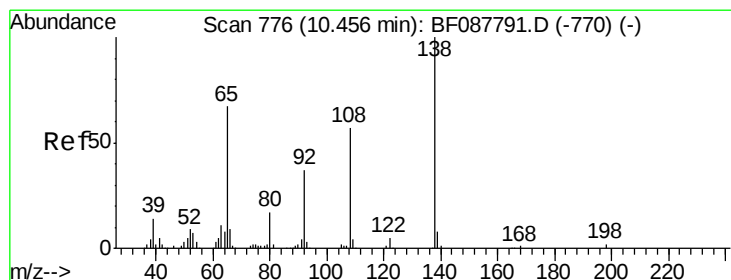
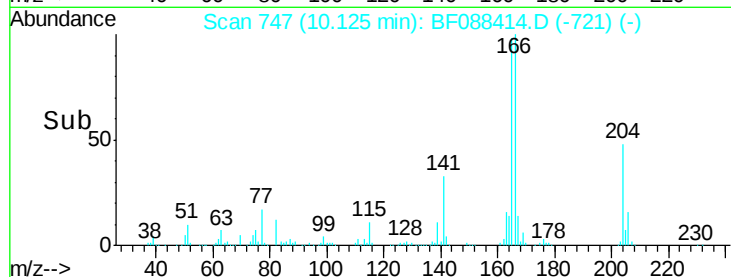
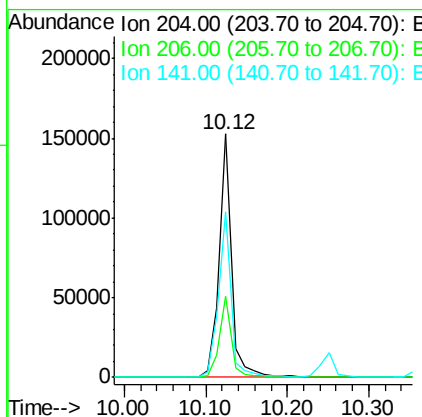
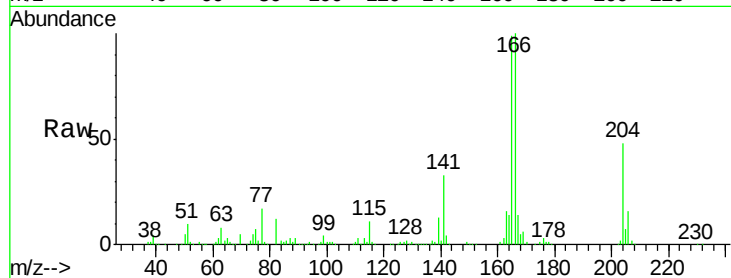
#60
4-Chlorophenyl-phenylether
Concen: 34.89 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Instrument :
BNA_F
ClientSampled :
EDD-3EMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.3	39.5
141	67.7	55.0	82.6

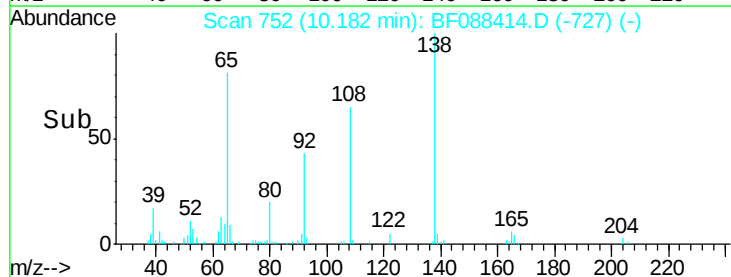
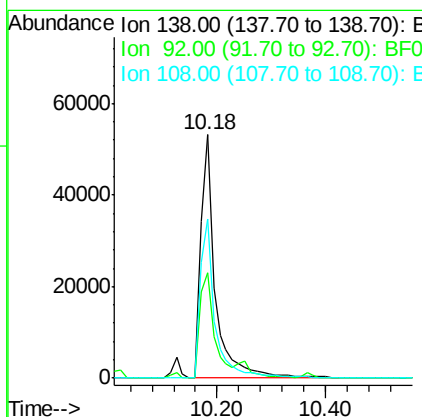
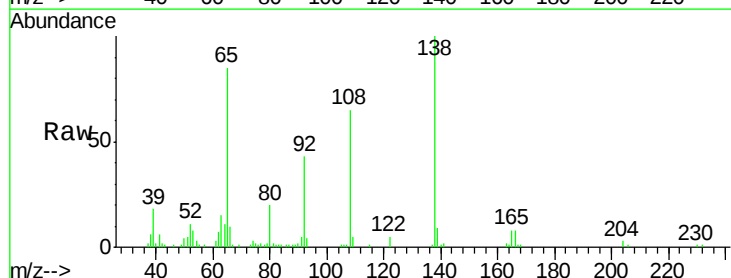
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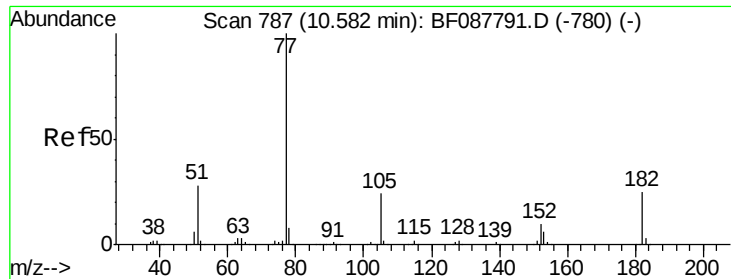
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#61
4-Nitroaniline
Concen: 34.02 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.4	27.3	67.3
108	65.2	46.7	86.7





#62

Azobenzene

Concen: 33.93 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Instrument :

BNA_F

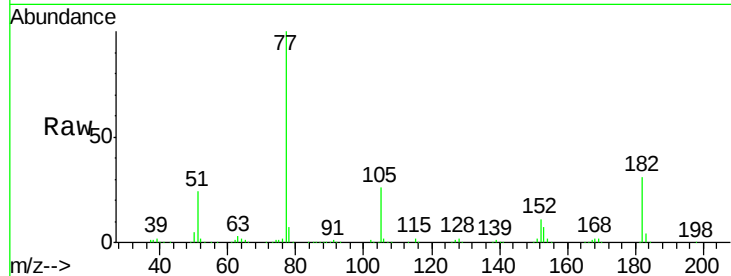
ClientSampleId :

EDD-3EMS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	31.4	4.4	44.4	
105	25.7	3.8	43.8	
51	23.8	9.3	49.3	

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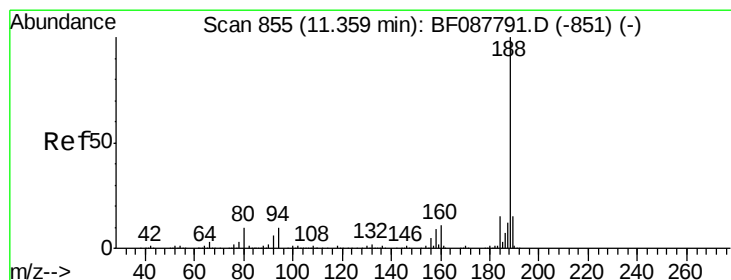
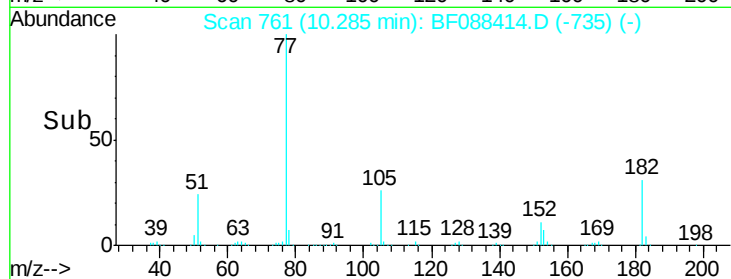
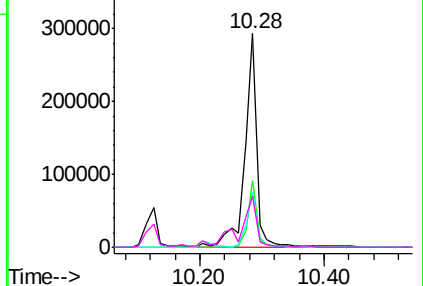


Abundance Ion 77.00 (76.70 to 77.70): BF088414.D (-735) (-)

Ion 182.00 (181.70 to 182.70): BF088414.D (-735) (-)

Ion 105.00 (104.70 to 105.70): BF088414.D (-735) (-)

Ion 51.00 (50.70 to 51.70): BF088414.D (-735) (-)



#63

Phenanthrene-d10

Concen: 20.00 ng

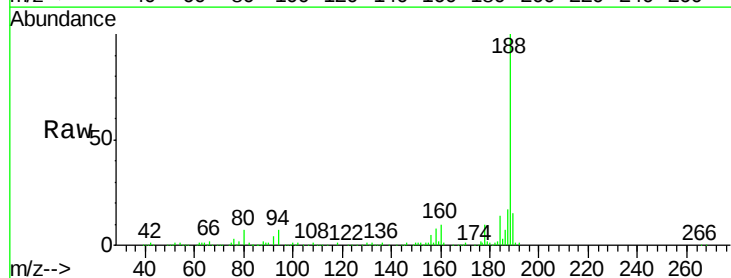
RT: 11.06 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

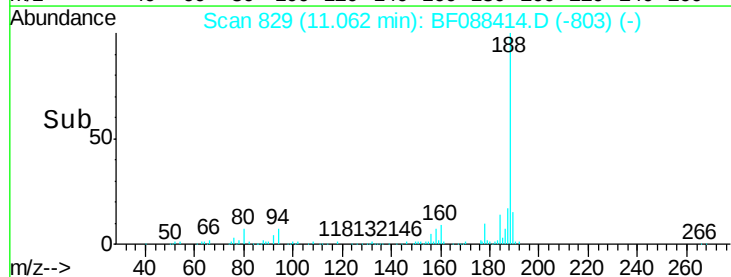
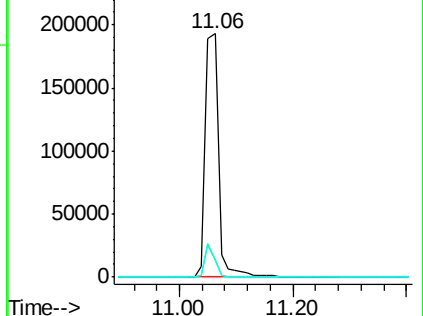
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.2	9.0	13.6#	
80	7.0	10.0	15.0#	

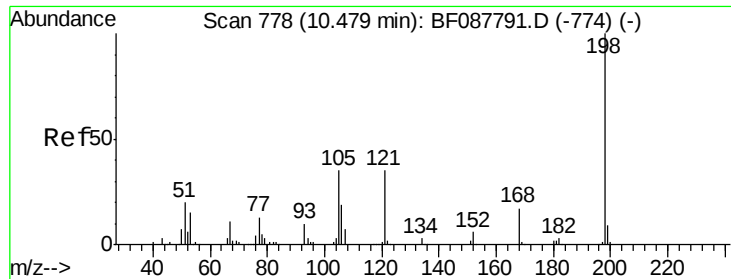


Abundance Ion 188.00 (187.70 to 188.70): BF088414.D (-803) (-)

Ion 94.00 (93.70 to 94.70): BF088414.D (-803) (-)

Ion 80.00 (79.70 to 80.70): BF088414.D (-803) (-)





#64

4,6-Dinitro-2-methylphenol

Concen: 14.09 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Instrument :

BNA_F

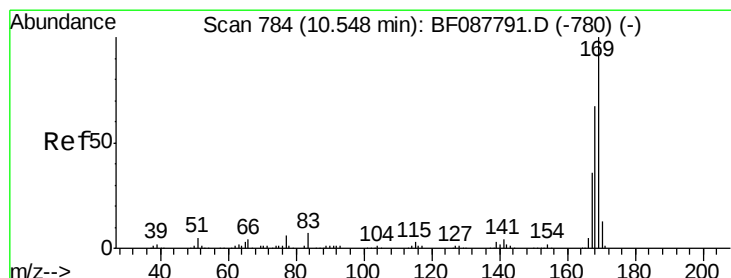
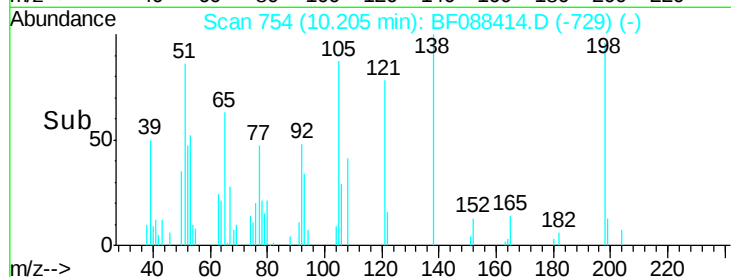
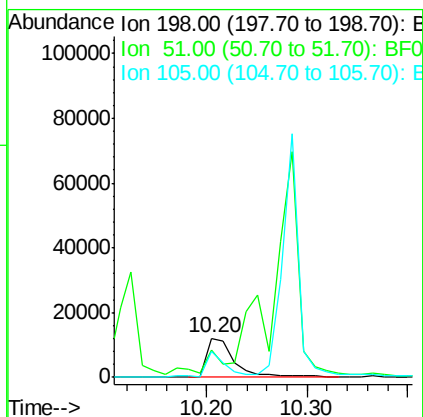
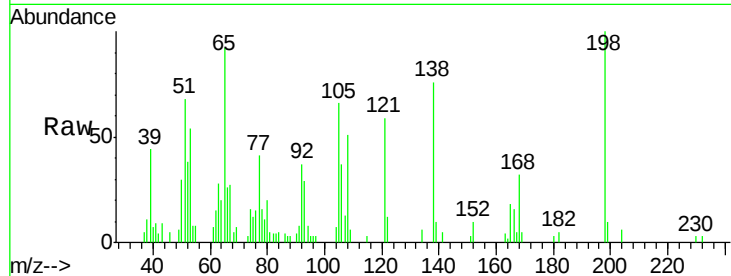
ClientSampled :

EDD-3EMS

Tot Ion:	198	Resp:	23299
Ion Ratio	Lower	Upper	
198	100		
51	68.2	39.6	79.6
105	65.6	36.6	76.6

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#65

n-Nitrosodiphenylamine

Concen: 34.88 ng

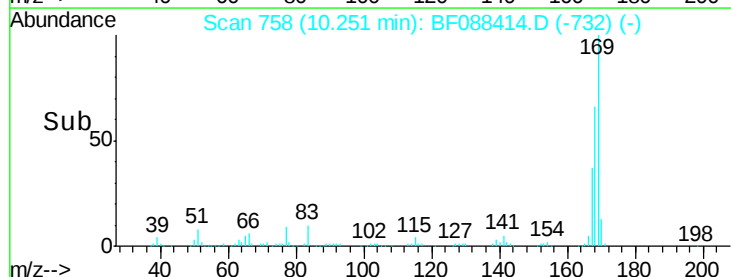
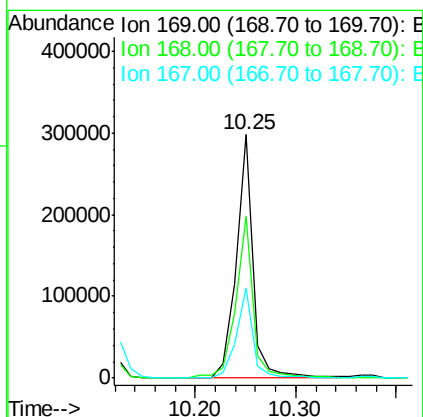
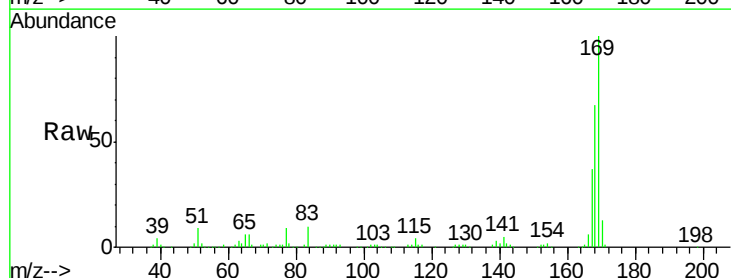
RT: 10.25 min Scan# 758

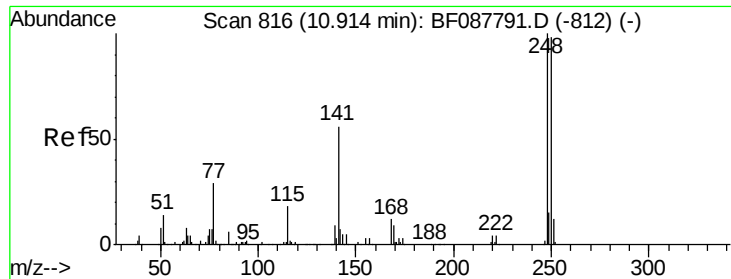
Delta R.T. 0.00 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Tgt Ion:	169	Resp:	345838
Ion Ratio	Lower	Upper	
169	100		
168	66.7	53.4	80.0
167	36.7	29.4	44.0





#66

4-Bromophenyl-phenylether

Concen: 32.32 ng

RT: 10.60 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Instrument :

BNA_F

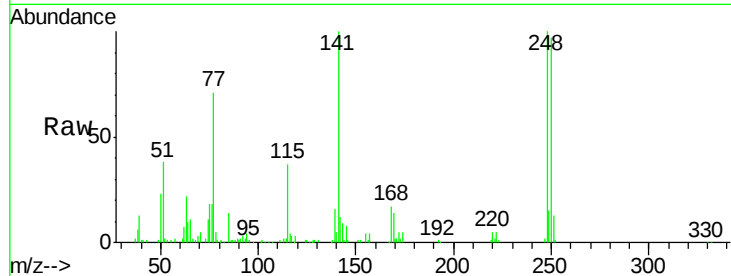
ClientSampleId :

EDD-3EMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.1	115.7
141	99.6	50.6	76.0

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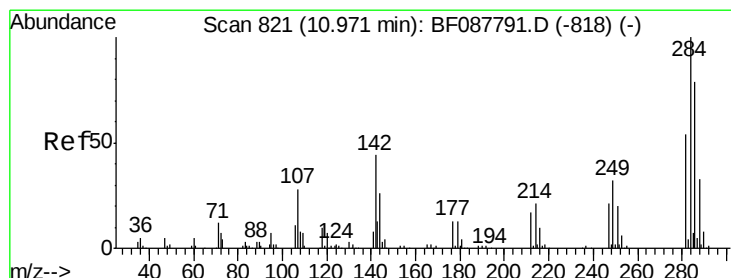
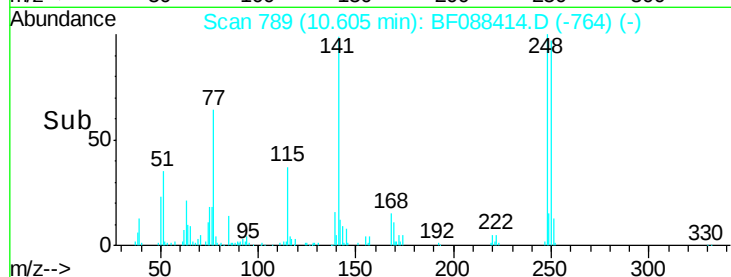
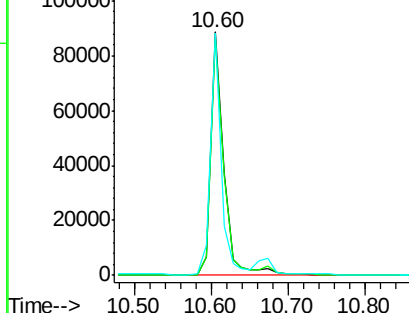


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#67

Hexachlorobenzene

Concen: 32.92 ng

RT: 10.67 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

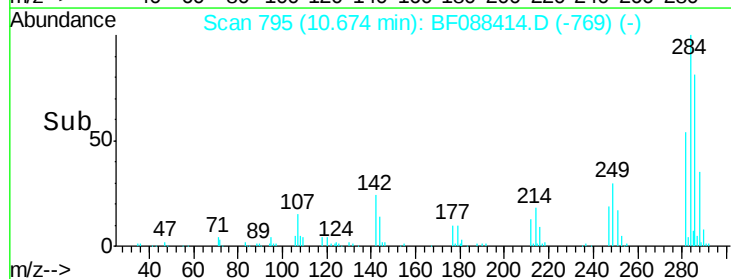
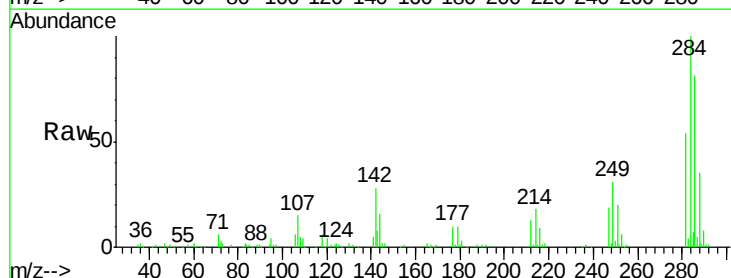
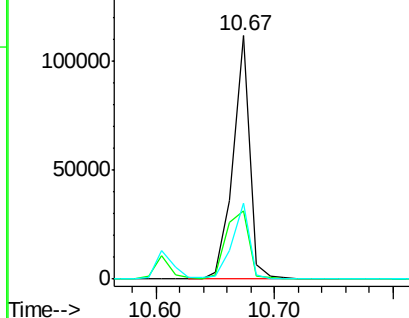
Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.9	35.8	53.8
249	31.2	25.8	38.6

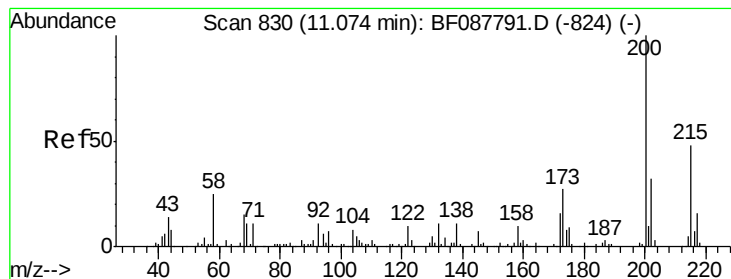
Abundance

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: 32.21 ng

RT: 10.78 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Instrument :

BNA_F

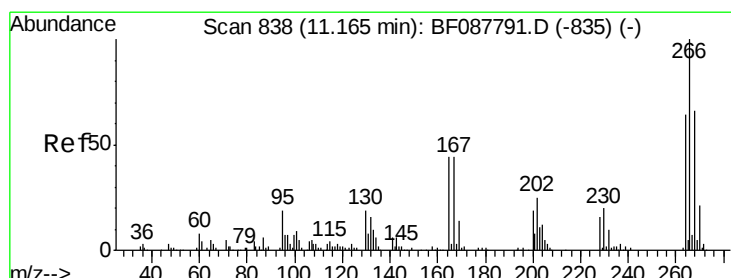
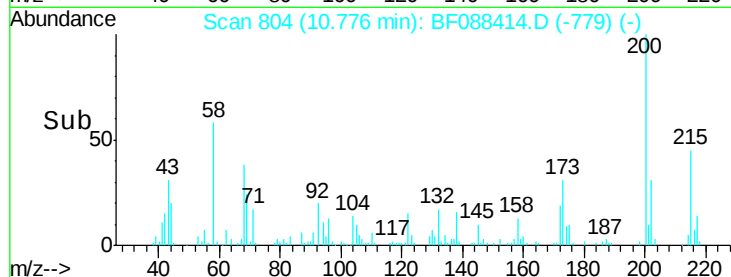
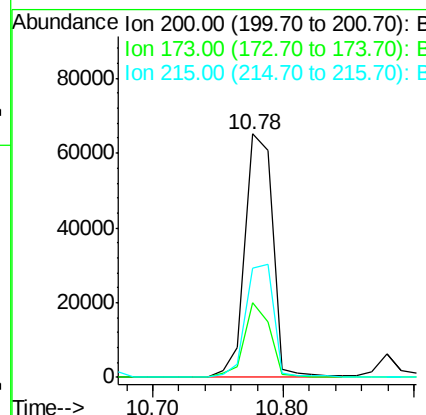
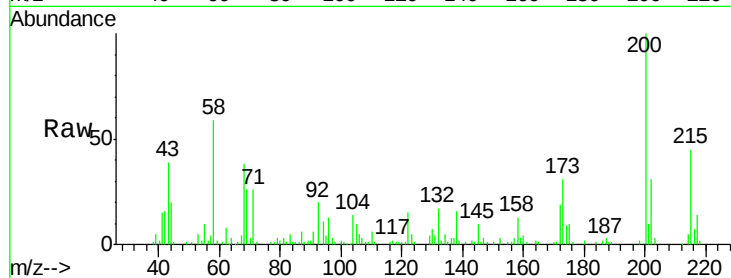
ClientSampleId :

EDD-3EMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	30.8	4.0	44.0
215	44.6	29.3	69.3

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#69

Pentachlorophenol

Concen: 27.00 ng

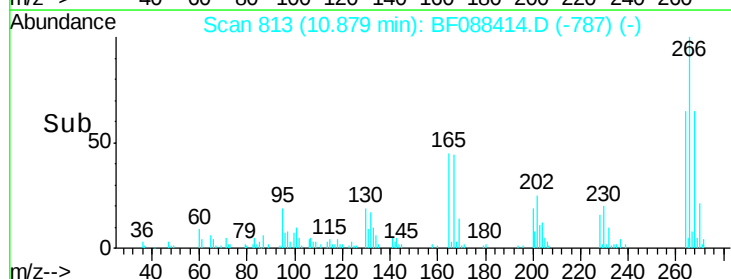
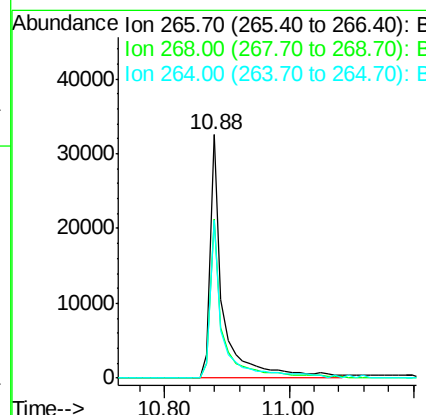
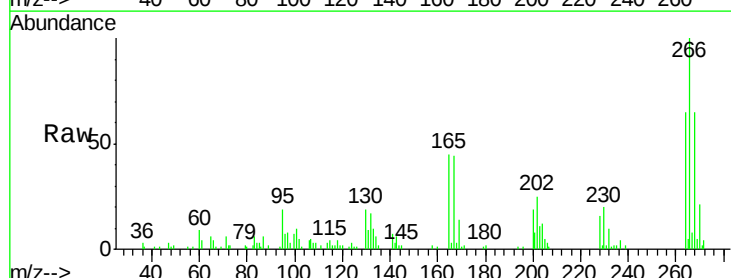
RT: 10.88 min Scan# 813

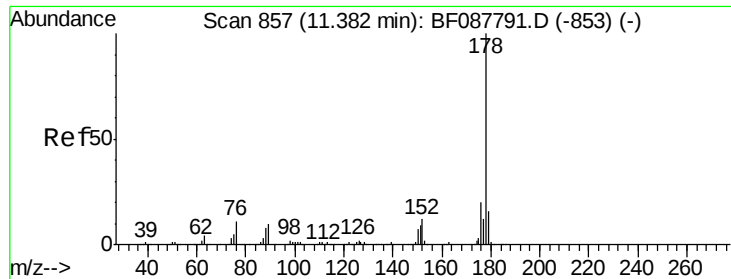
Delta R.T. 0.00 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.2	52.8	79.2
264	65.1	49.6	74.4





#70

Phenanthrene

Concen: 33.47 ng

RT: 11.08 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Instrument :

BNA_F

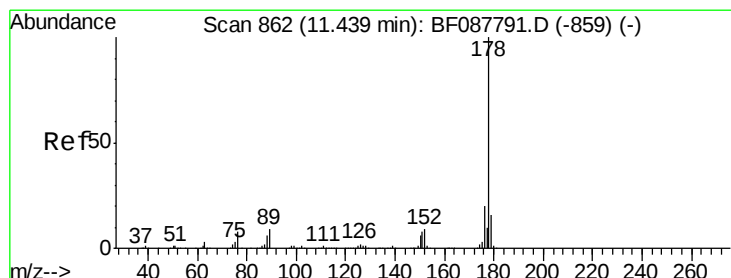
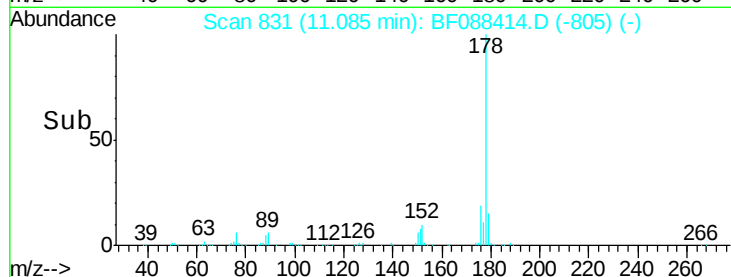
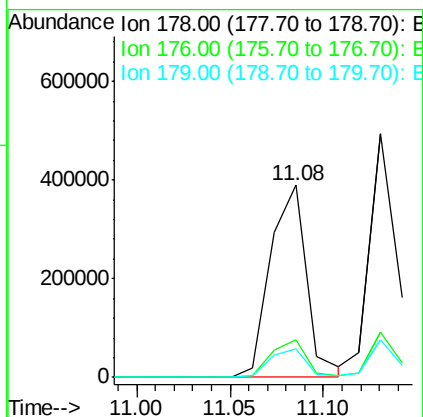
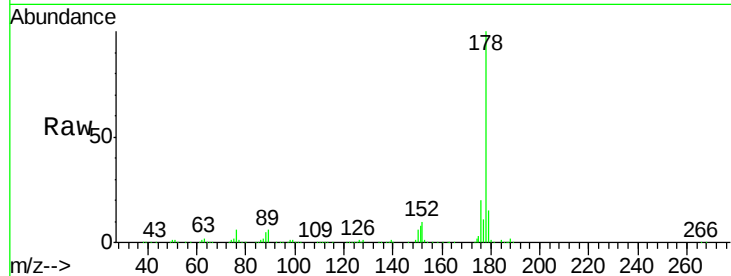
ClientSampleId :

EDD-3EMS

Tot Ion:178	Resp:	524801
Ion Ratio	Lower	Upper
178	100	
176	19.5	15.8 23.6
179	15.0	13.0 19.4

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#71

Anthracene

Concen: 35.16 ng

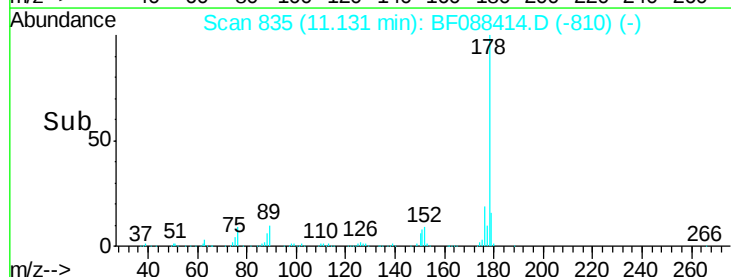
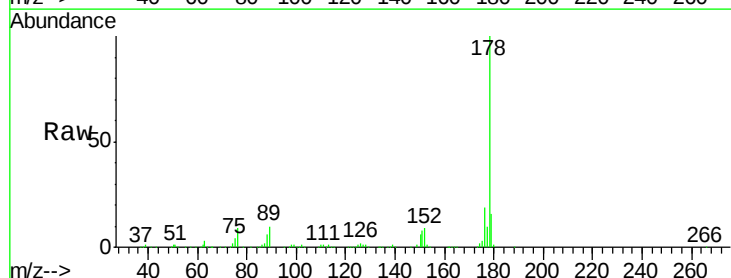
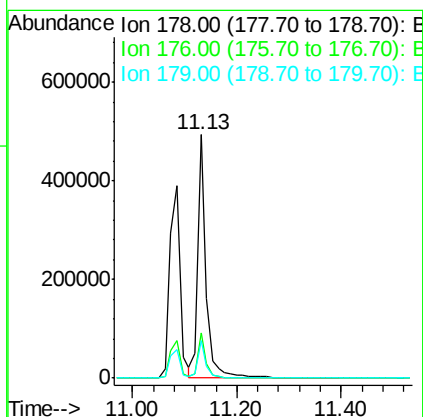
RT: 11.13 min Scan# 835

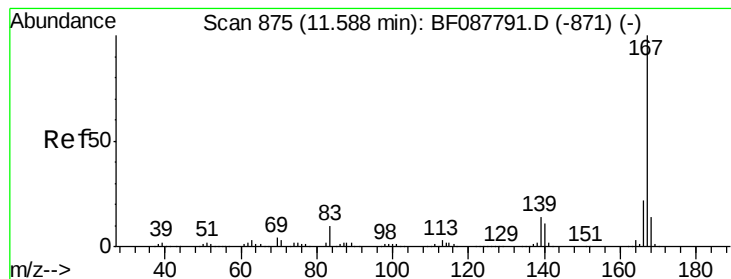
Delta R.T. -0.01 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Tgt Ion:178	Resp:	556053
Ion Ratio	Lower	Upper
178	100	
176	18.8	15.6 23.4
179	15.6	12.8 19.2





#72

Carbazole

Concen: 37.88 ng

RT: 11.30 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Instrument :

BNA_F

ClientSampled :

EDD-3EMS

Tot Ion:167 Resp: 560542

Ion Ratio Lower Upper

167 100

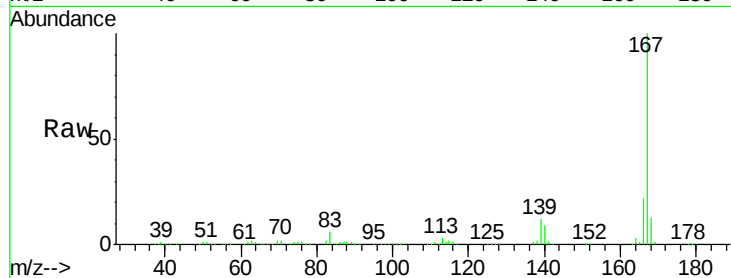
166 21.6 17.8 26.6

139 12.1 11.2 16.8

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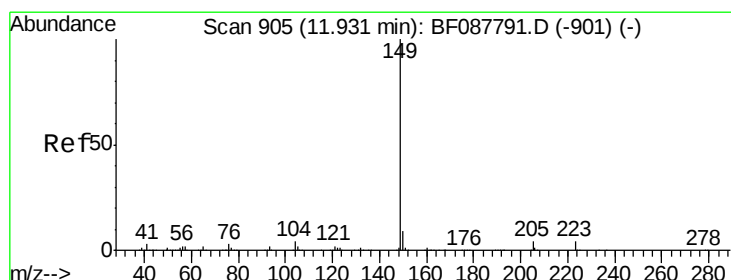
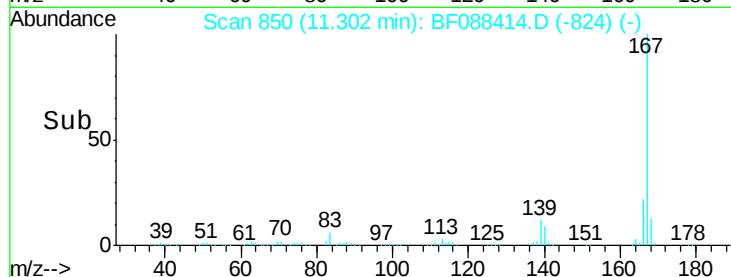
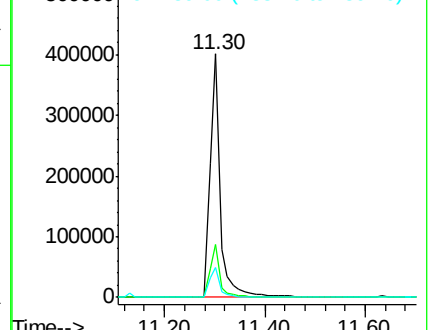
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 34.92 ng

RT: 11.63 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

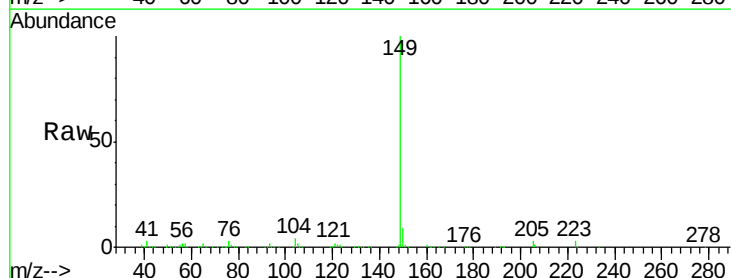
Tgt Ion:149 Resp: 654209

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

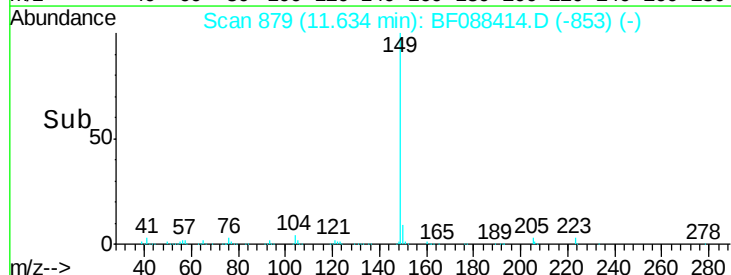
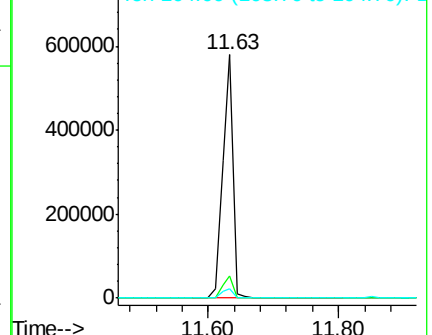
104 3.9 4.0 6.0#

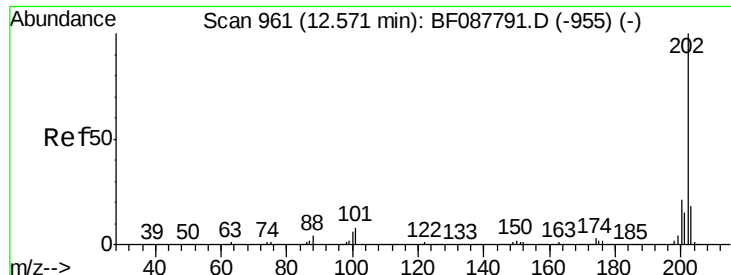


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





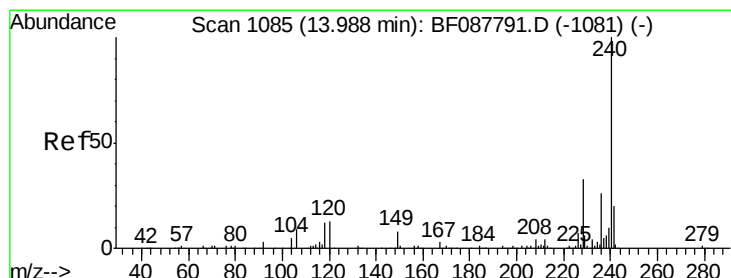
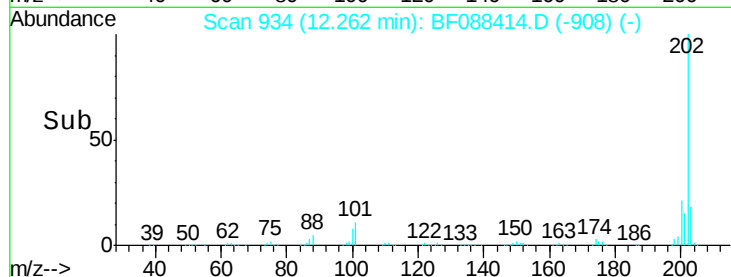
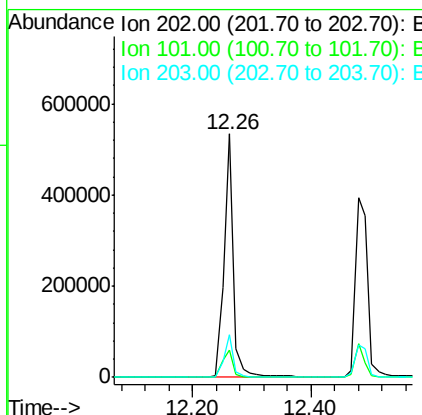
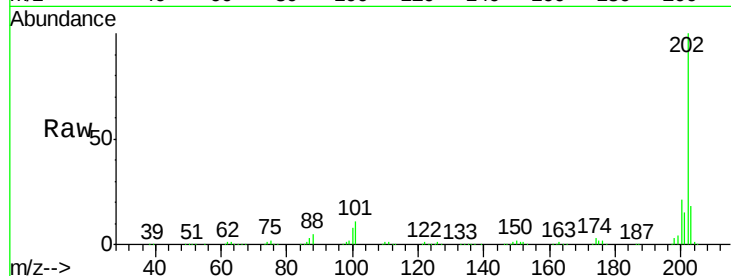
#74
Fluoranthene
 Concen: 35.56 ng
 RT: 12.26 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF088414.D
 Acq: 26 Jun 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.1	0.0	33.1
203	17.7	0.0	38.1

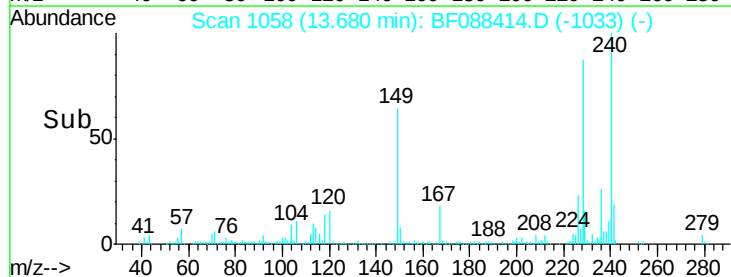
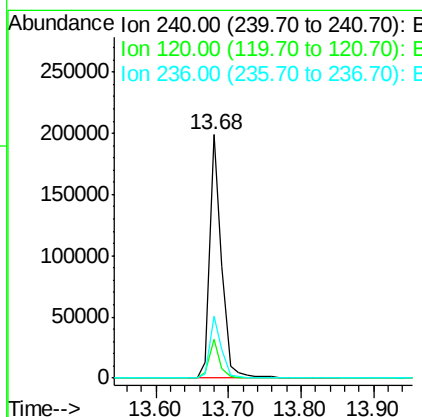
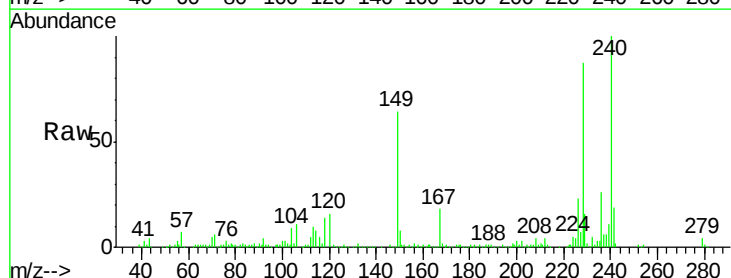
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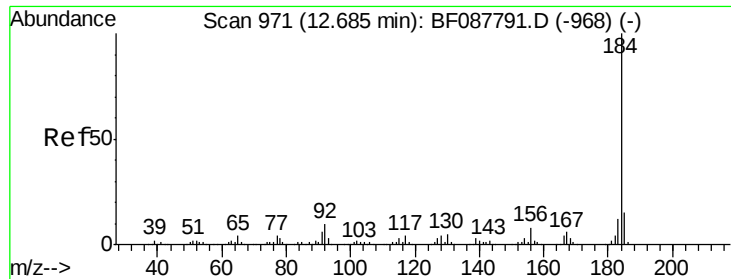
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF088414.D
 Acq: 26 Jun 2016 13:10

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.8	6.8	10.2#
236	25.6	20.2	30.2





#76

Benzidine

Concen: 27.55 ng

RT: 12.40 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Instrument :

BNA_F

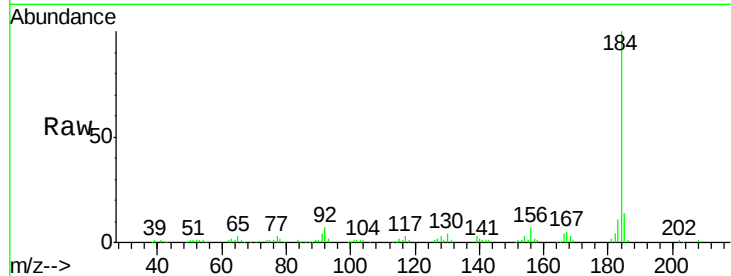
ClientSampleId :

EDD-3EMS

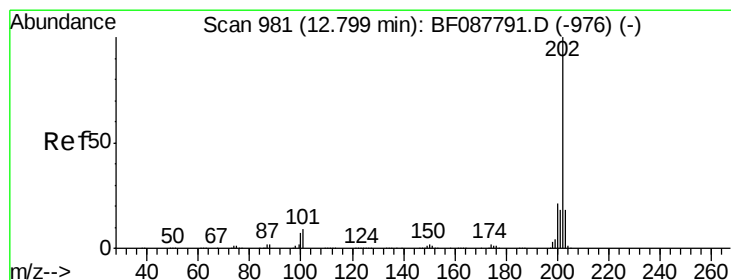
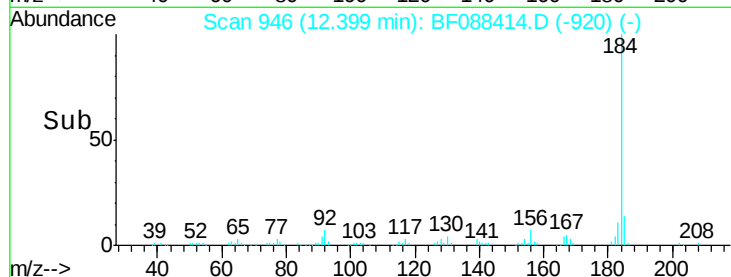
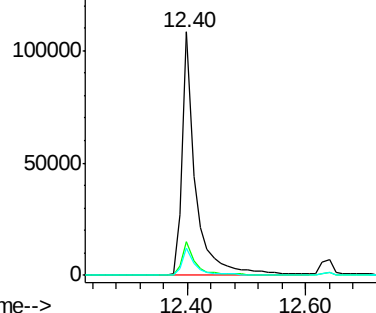
Tot Ion	Ratio	Lower	Upper
184	100		
185	13.9	12.5	18.7
183	11.4	9.3	13.9

Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 34.05 ng

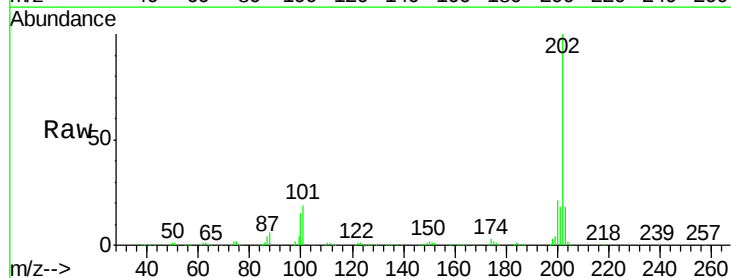
RT: 12.48 min Scan# 953

Delta R.T. -0.01 min

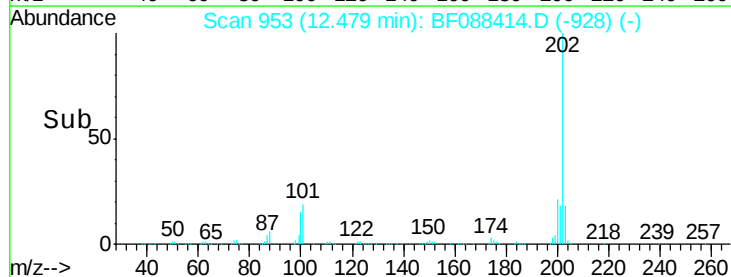
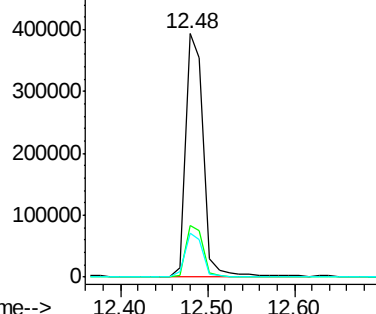
Lab File: BF088414.D

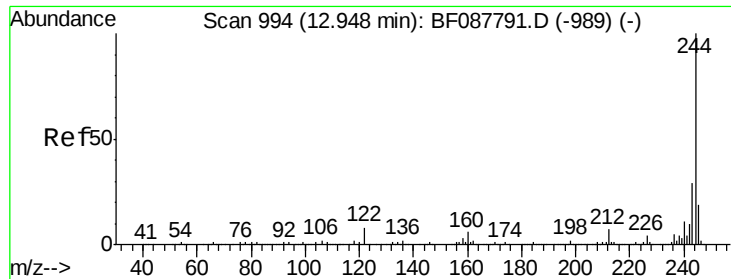
Acq: 26 Jun 2016 13:10

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	18.3	14.5	21.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





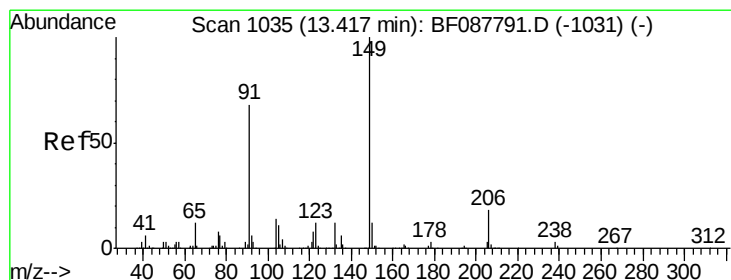
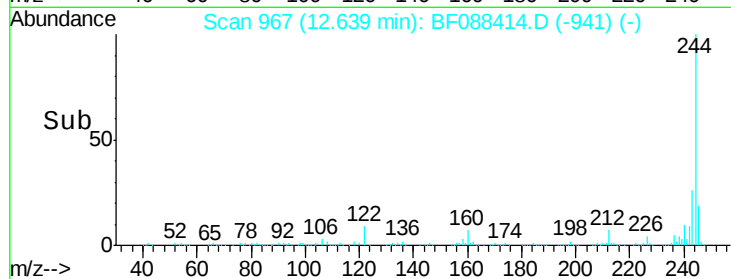
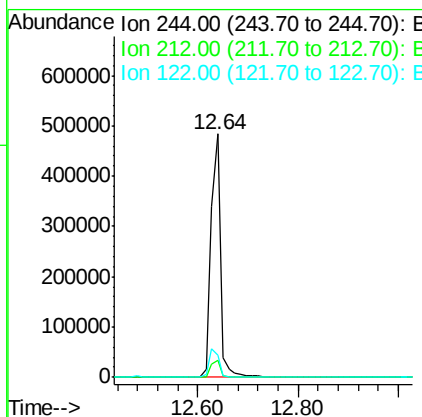
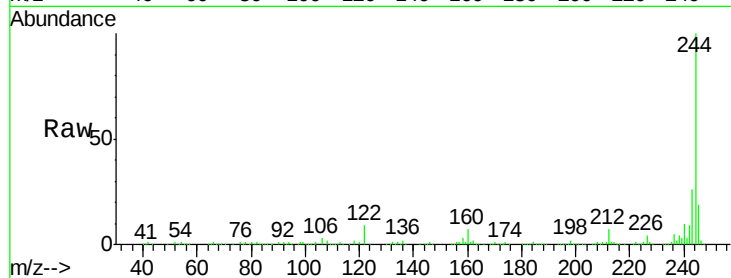
#78
 Terphenyl-d14
 Concen: 64.82 ng
 RT: 12.64 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: BF088414.D
 Acq: 26 Jun 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	9.2	11.2	16.8

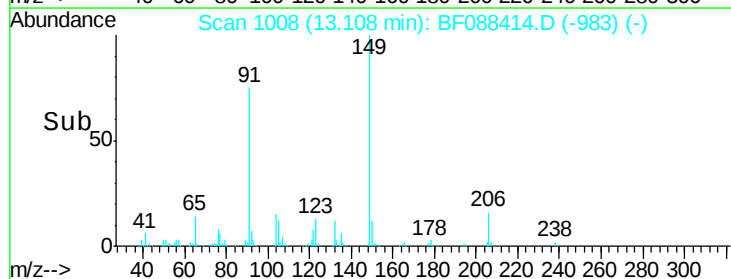
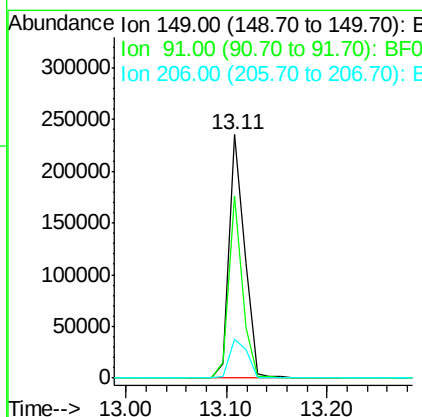
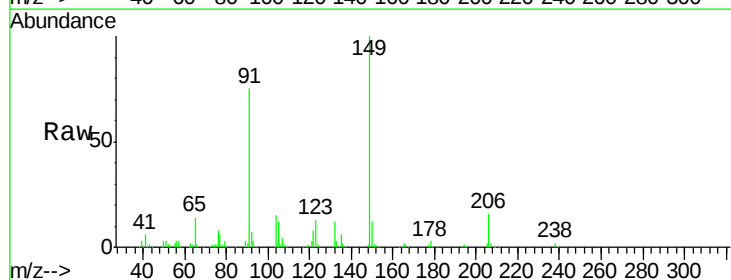
Manual Integrations
 APPROVED

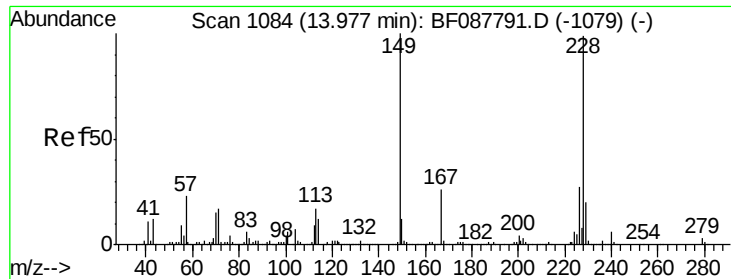
sohil
 6/27/2016 8:01:42 PM



#79
 Butylbenzylphthalate
 Concen: 34.66 ng
 RT: 13.11 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF088414.D
 Acq: 26 Jun 2016 13:10

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.8	48.0	72.0
206	15.8	16.0	24.0





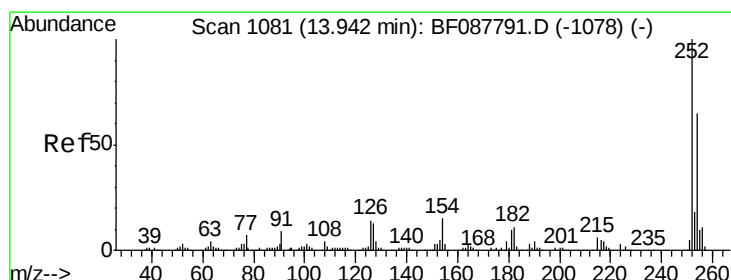
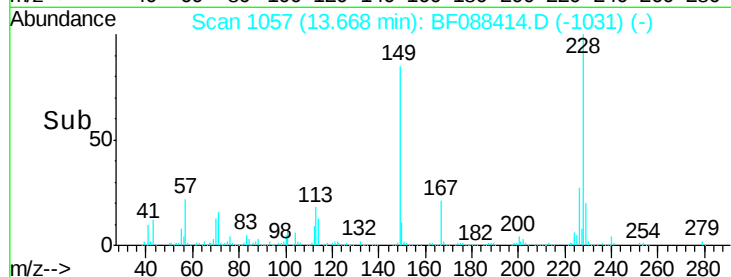
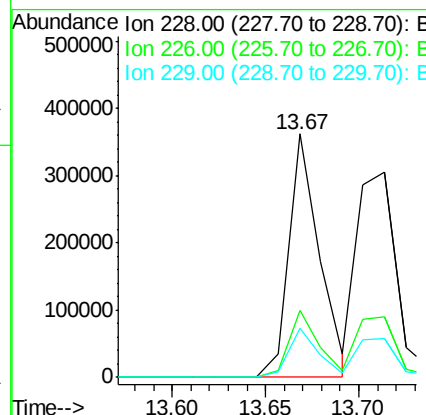
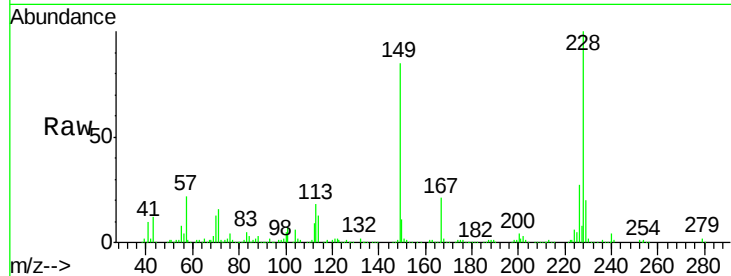
#80
Benzo(a)anthracene
Concen: 32.51 ng
RT: 13.67 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Instrument :
BNA_F
ClientSampleId :
EDD-3EMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.3	33.5
229	20.0	16.0	24.0

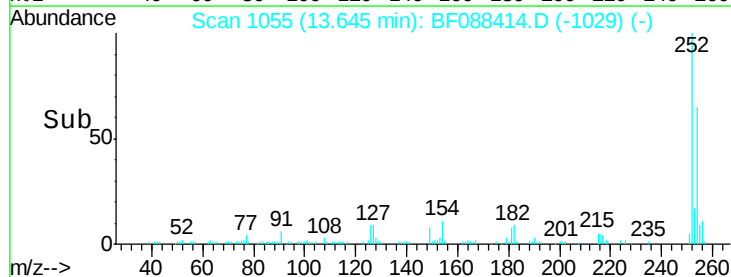
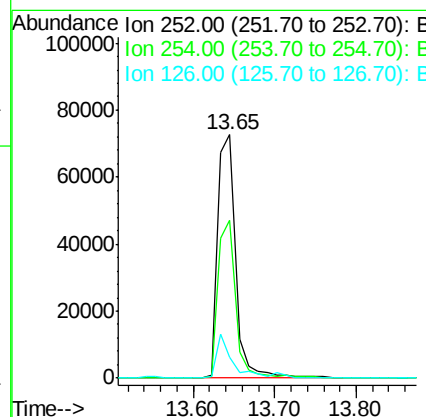
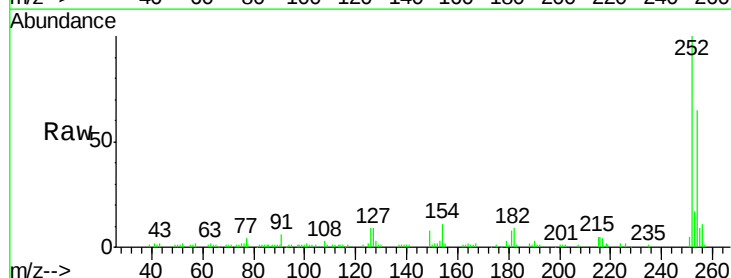
Manual Integrations
APPROVED

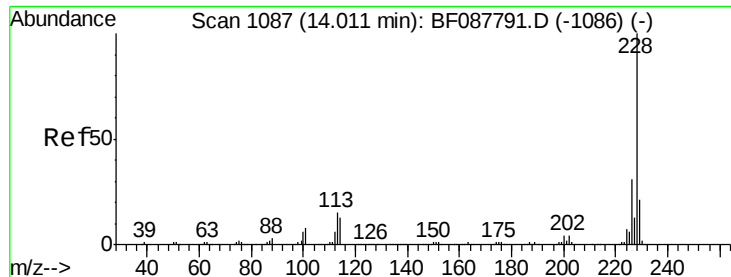
sohil
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#81
3,3'-Dichlorobenzidine
Concen: 32.69 ng
RT: 13.65 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.6	78.8
126	8.6	6.2	9.2





#82

Chrysene

Concen: 39.40 ng

RT: 13.71 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

Instrument :

BNA_F

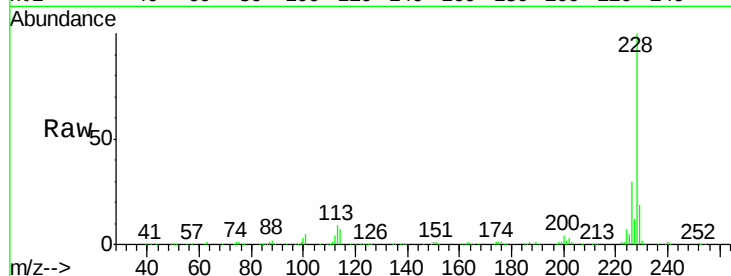
ClientSampleId :

EDD-3EMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.4	38.2
229	19.1	16.3	24.5

Manual Integrations
APPROVED

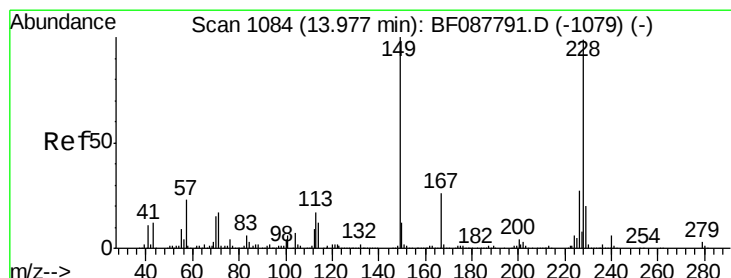
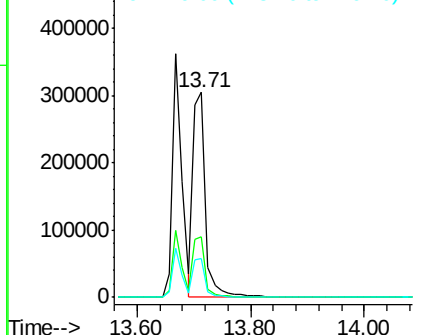
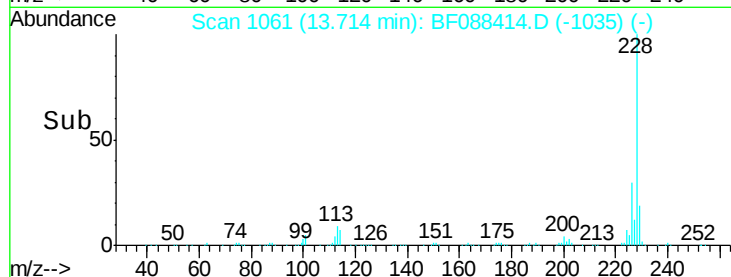
sohil
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 37.24 ng

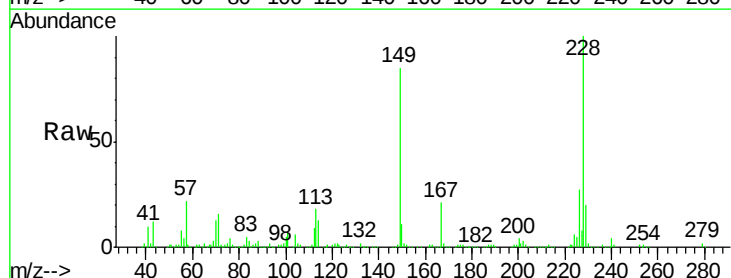
RT: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF088414.D

Acq: 26 Jun 2016 13:10

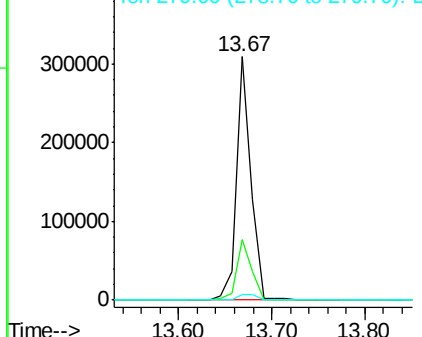
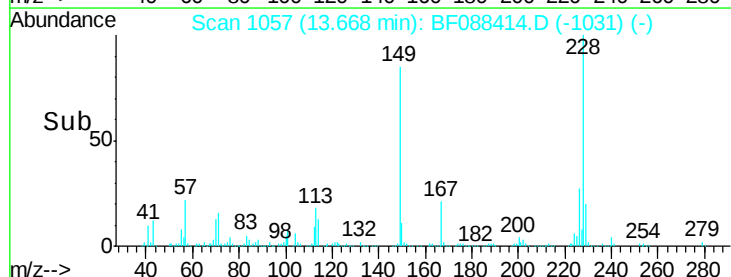
Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.1	20.5	30.7
279	2.3	2.0	3.0

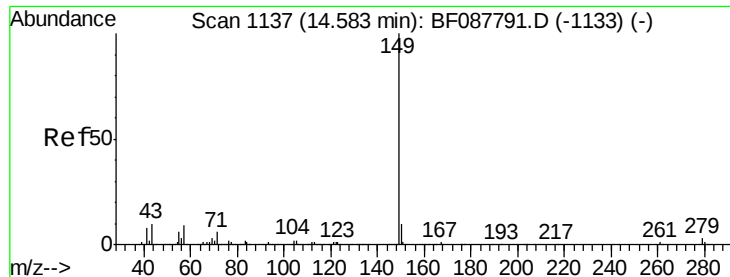


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





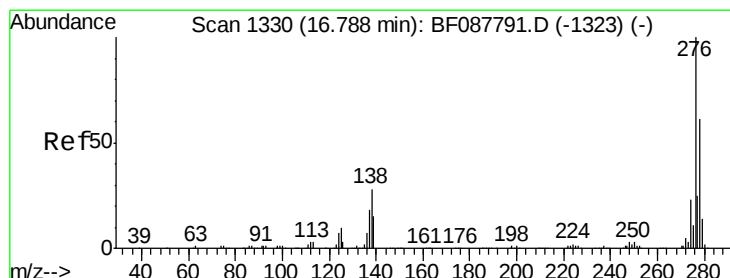
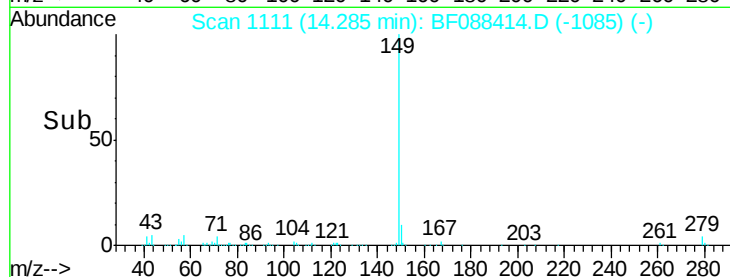
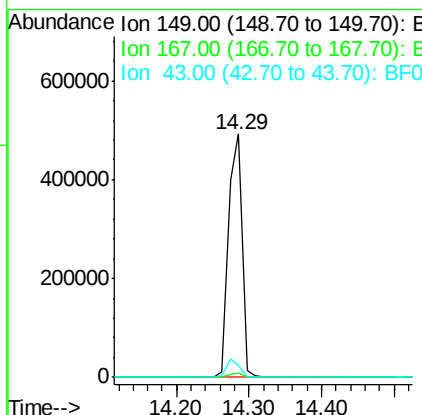
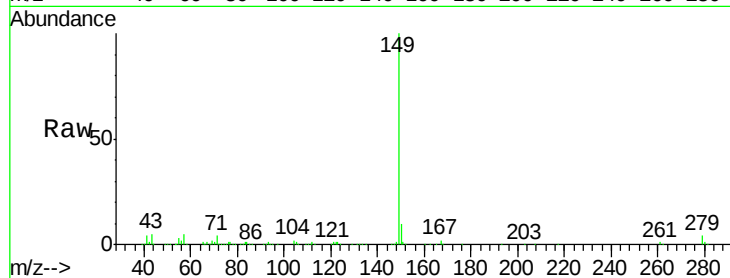
#84
Di-n-octyl phthalate
Concen: 43.86 ng
RT: 14.29 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Instrument :
BNA_F
ClientSampleId :
EDD-3EMS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	6.9	0.0	0.0#

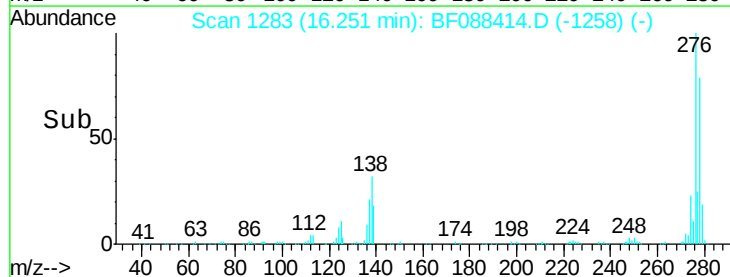
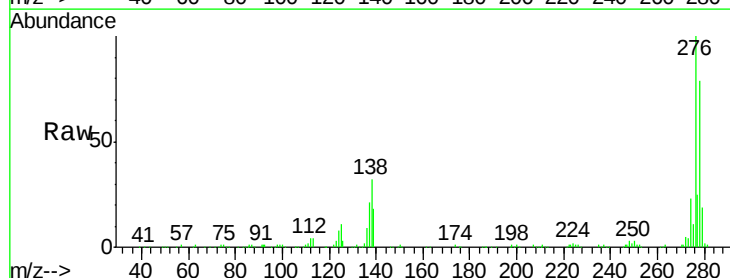
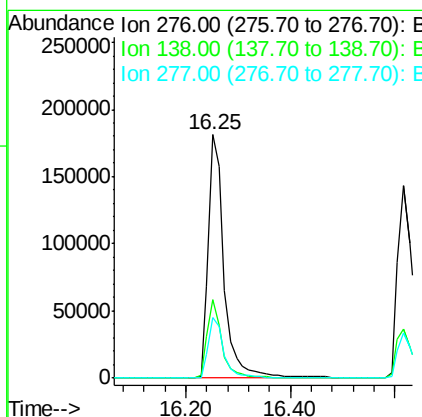
Manual Integrations
APPROVED

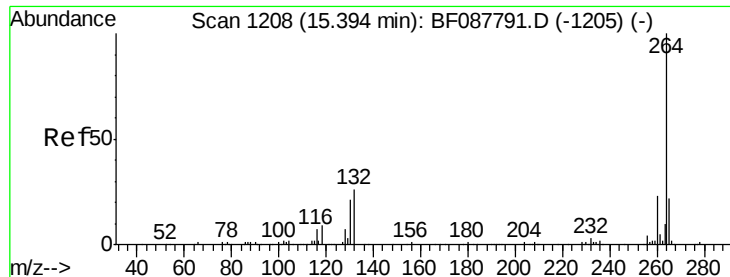
sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 34.22 ng
RT: 16.25 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	30.5	0.0	0.0#
277	24.8	0.0	0.0#





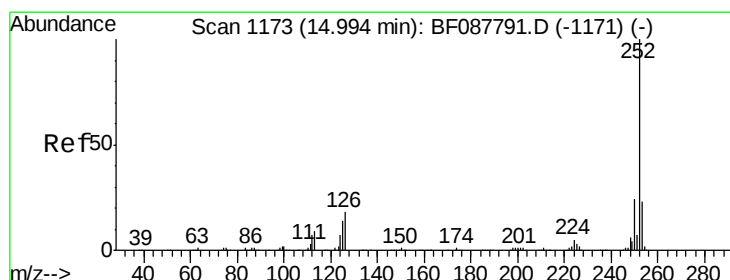
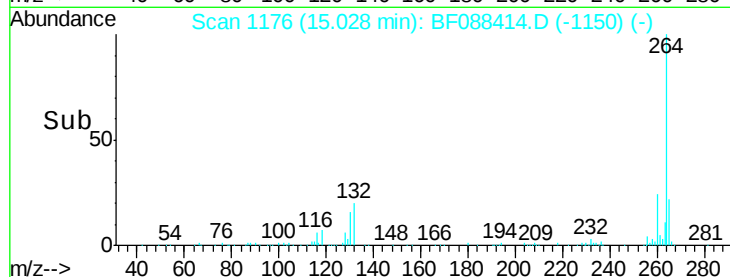
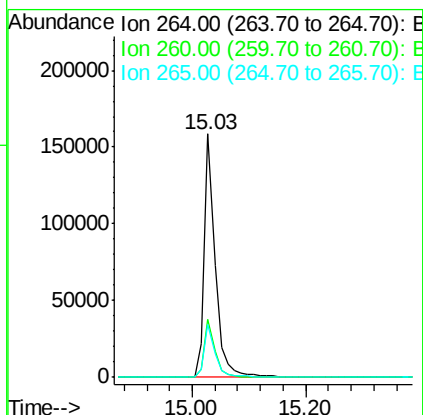
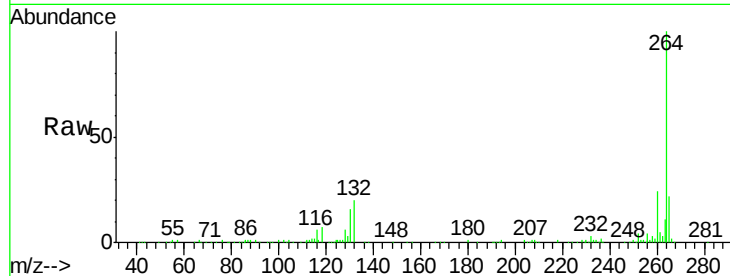
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Instrument :
BNA_F
ClientSampleId :
EDD-3EMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	16.9	25.3

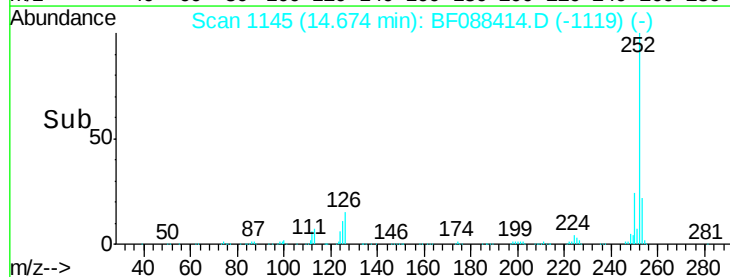
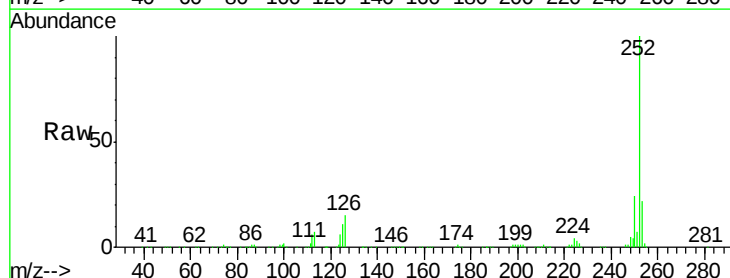
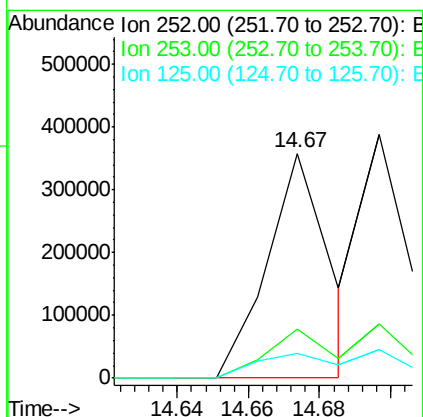
Manual Integrations
APPROVED

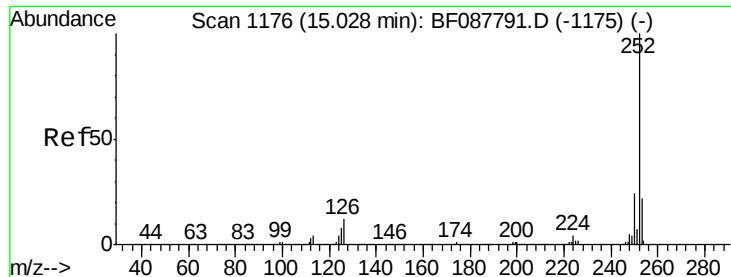
sohil
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#87
Benzo(b)fluoranthene
Concen: 30.21 ng m
RT: 14.67 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	11.1	7.1	10.7#





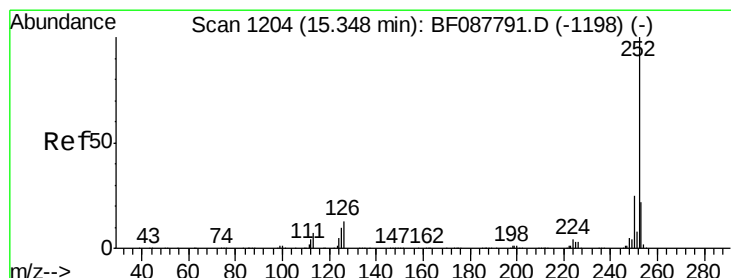
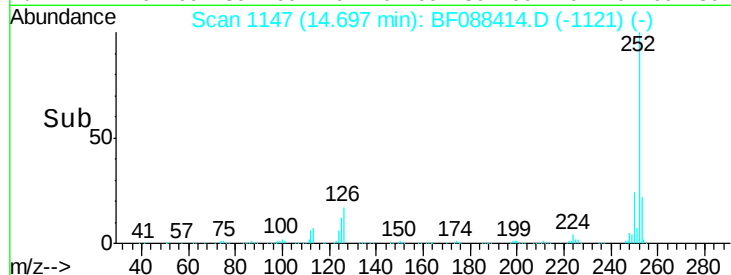
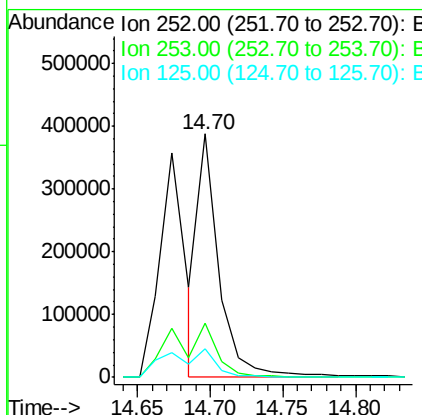
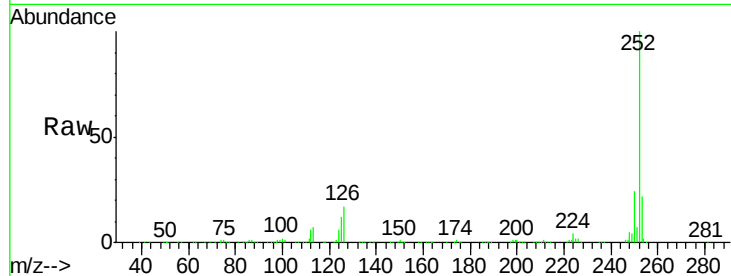
#88
Benzo(k)fluoranthene
Concen: 37.24 ng m
RT: 14.70 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Instrument :
BNA_F
ClientSampled :
EDD-3EMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	11.6	11.2	16.8

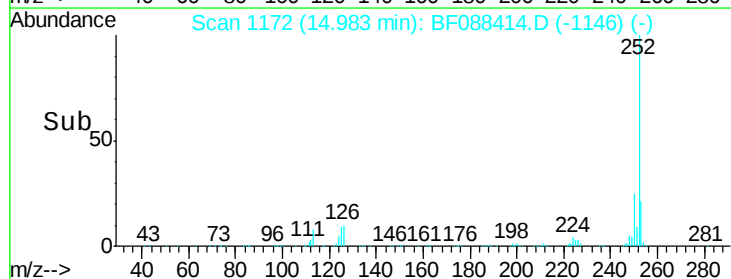
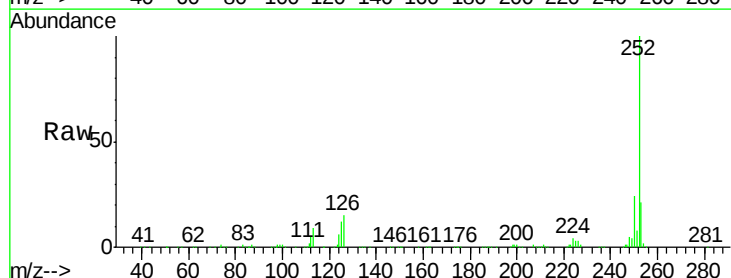
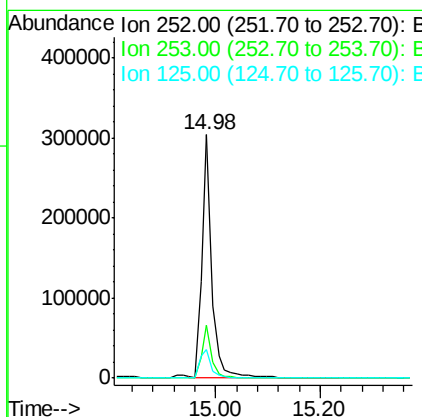
Manual Integrations
APPROVED

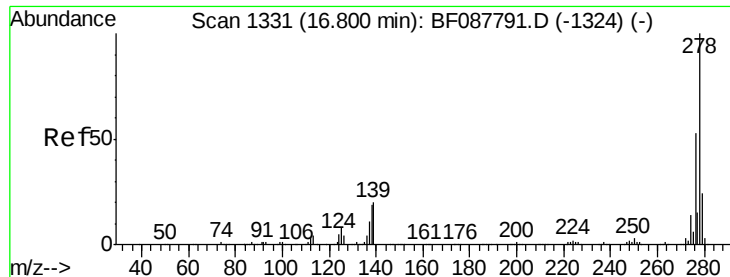
sohil
6/27/2016 8:01:42 PM



#89
Benzo(a)pyrene
Concen: 34.45 ng
RT: 14.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	11.8	12.5	18.7#





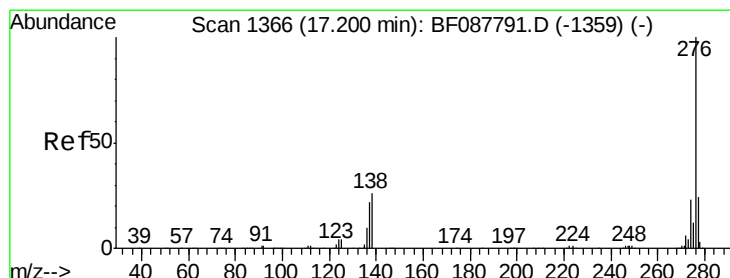
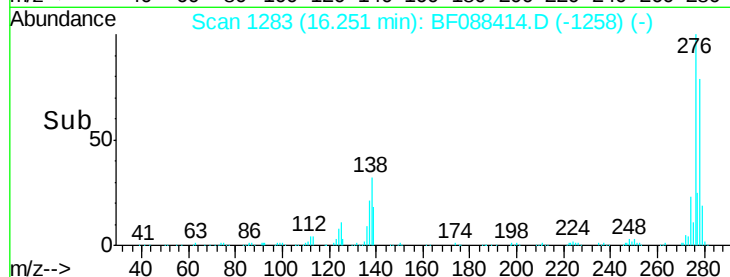
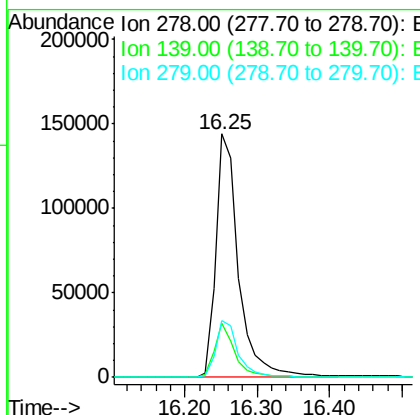
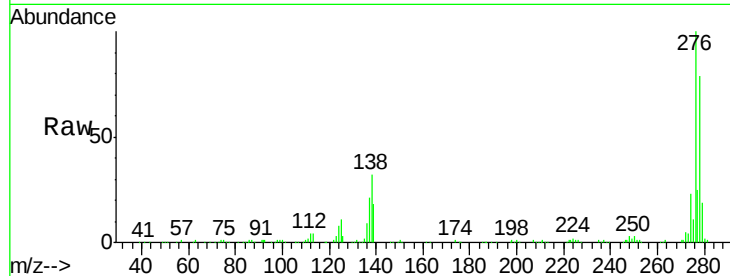
#90
Dibenzo(a,h)anthracene
Concen: 29.17 ng
RT: 16.25 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Instrument :
BNA_F
ClientSampleId :
EDD-3EMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.1	15.7	23.5
279	23.5	19.4	29.2

Manual Integrations
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6/27/2016 8:01:42 PM



#91
Benzo(g,h,i)perylene
Concen: 28.94 ng
RT: 16.62 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF088414.D
Acq: 26 Jun 2016 13:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.9	28.3
138	25.8	21.4	32.2

