

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
 Data File : BF088715.D
 Acq On : 5 Jul 2016 21:10
 Operator : UM/SJ
 Sample : H3808-25MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMSD

Quant Time: Jul 06 11:42:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	102990	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	410013	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	200513	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	394059	20.00	ng	0.00
75) Chrysene-d12	13.91	240	261434	20.00	ng	-0.01
86) Perylene-d12	15.29	264	202117	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	794711	115.65	ng	0.01
7) Phenol-d6	6.42	99	1070499	120.56	ng	0.01
23) Nitrobenzene-d5	7.34	82	683584	87.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	250592	134.58	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1225119	96.51	ng	0.00
78) Terphenyl-d14	12.87	244	936324	79.77	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.39	88	100545	29.51	ng	# 35
3) Pyridine	3.07	79	118570	11.99	ng	91
4) n-Nitrosodimethylamine	3.00	42	66480	17.60	ng	91
6) Aniline	6.43	93	141676	10.95	ng	# 54
8) 2-Chlorophenol	6.56	128	167215	22.64	ng	97
9) Benzaldehyde	6.32	77	111487	18.54	ng	95
10) Phenol	6.43	94	163958	16.18	ng	# 63
11) bis(2-Chloroethyl)ether	6.51	93	154541	20.45	ng	91
12) 1,3-Dichlorobenzene	6.72	146	162657m	20.01	ng	
13) 1,4-Dichlorobenzene	6.79	146	162605	20.16	ng	94
14) 1,2-Dichlorobenzene	6.95	146	167790m	22.22	ng	
15) Benzyl Alcohol	6.91	79	146673	22.44	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.06	45	196355	17.94	ng	90
17) 2-Methylphenol	7.04	107	139196	23.10	ng	97
18) Hexachloroethane	7.29	117	67409	21.60	ng	93
19) n-Nitroso-di-n-propylamine	7.19	70	120621	20.22	ng	93
20) 3+4-Methylphenols	7.19	107	166531	23.03	ng	# 80
22) Acetophenone	7.19	105	241679	24.29	ng	# 90
24) Nitrobenzene	7.36	77	202244	25.64	ng	88
25) Isophorone	7.60	82	341654	23.57	ng	98
26) 2-Nitrophenol	7.68	139	87280	26.98	ng	# 79
27) 2,4-Dimethylphenol	7.71	122	122746	18.22	ng	87
28) bis(2-Chloroethoxy)methane	7.82	93	228275	24.20	ng	# 95
29) 2,4-Dichlorophenol	7.92	162	138429	25.42	ng	96
30) 1,2,4-Trichlorobenzene	8.00	180	135093	22.61	ng	99
31) Naphthalene	8.08	128	472300	23.37	ng	100
33) 4-Chloroaniline	8.12	127	116306	12.93	ng	95
34) Hexachlorobutadiene	8.20	225	76290	23.84	ng	98
35) Caprolactam	8.52	113	28623m	15.48	ng	
36) 4-Chloro-3-methylphenol	8.62	107	154124	23.94	ng	91
37) 2-Methylnaphthalene	8.78	142	319721	24.56	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	122689	18.40	ng	# 1
40) Hexachlorocyclopentadiene	8.92	237	184111	56.25	ng	99
42) 2,4,6-Trichlorophenol	9.05	196	98242	22.34	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.08	196	89701	23.71	nq	# 90
45) 1,1'-Biphenyl	9.23	154	379472	22.85	nq	100
46) 2-Chloronaphthalene	9.26	162	295539	22.67	nq	98
47) 2-Nitroaniline	9.35	65	91396	19.76	nq	95
48) Acenaphthylene	9.67	152	463888	22.37	nq	99
49) Dimethylphthalate	9.54	163	566879	39.68	nq	99
50) 2,6-Dinitrotoluene	9.60	165	83931	26.51	nq	92
51) Acenaphthene	9.84	154	270629	21.29	nq	99
52) 3-Nitroaniline	9.76	138	75992	18.88	nq	95
53) 2,4-Dinitrophenol	9.86	184	6151	4.40	nq	# 85
54) Dibenzofuran	10.01	168	410834	24.69	nq	# 89
55) 4-Nitrophenol	9.93	139	204079	66.72	nq	87
56) 2,4-Dinitrotoluene	10.00	165	112465	27.17	nq	95
57) Fluorene	10.35	166	317020	24.72	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	68252	23.32	nq	# 53
59) Diethylphthalate	10.24	149	382945	26.71	nq	100
60) 4-Chlorophenyl-phenylether	10.35	204	150960	25.34	nq	92
61) 4-Nitroaniline	10.36	138	72058	18.61	nq	81
62) Azobenzene	10.51	77	417073	25.50	nq	93
64) 4,6-Dinitro-2-methylphenol	10.40	198	15698	7.45	nq	91
65) n-Nitrosodiphenylamine	10.47	169	284911	21.36	nq	99
66) 4-Bromophenyl-phenylether	10.83	248	88135	22.19	nq	# 75
67) Hexachlorobenzene	10.90	284	98840	22.48	nq	# 87
68) Atrazine	10.99	200	81563	19.63	nq	92
69) Pentachlorophenol	11.10	266	86389	33.21	nq	98
70) Phenanthrene	11.31	178	506207	23.50	nq	98
71) Anthracene	11.36	178	476595	22.25	nq	100
72) Carbazole	11.52	167	458103	22.72	nq	97
73) Di-n-butylphthalate	11.85	149	526485	22.45	nq	99
74) Fluoranthene	12.49	202	506074	23.17	nq	97
76) Benzidine	12.62	184	104337	7.90	nq	98
77) Pyrene	12.72	202	503829	22.73	nq	99
79) Butylbenzylphthalate	13.35	149	318540	32.22	nq	95
80) Benzo(a)anthracene	13.90	228	363997	21.62	nq	100
81) 3,3'-Dichlorobenzidine	13.86	252	84331	13.32	nq	# 97
82) Chrysene	13.93	228	344646	20.69	nq	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	475825	42.15	nq	100
84) Di-n-octyl phthalate	14.51	149	446577	23.29	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.63	276	278343	21.72	nq	# 100
87) Benzo(b)fluoranthene	14.90	252	358406m	28.27	nq	
88) Benzo(k)fluoranthene	14.94	252	193281m	17.51	nq	
89) Benzo(a)pyrene	15.23	252	249596	23.25	nq	98
90) Dibenzo(a,h)anthracene	16.64	278	230141	25.67	nq	99
91) Benzo(g,h,i)perylene	17.02	276	239015	25.77	nq	99

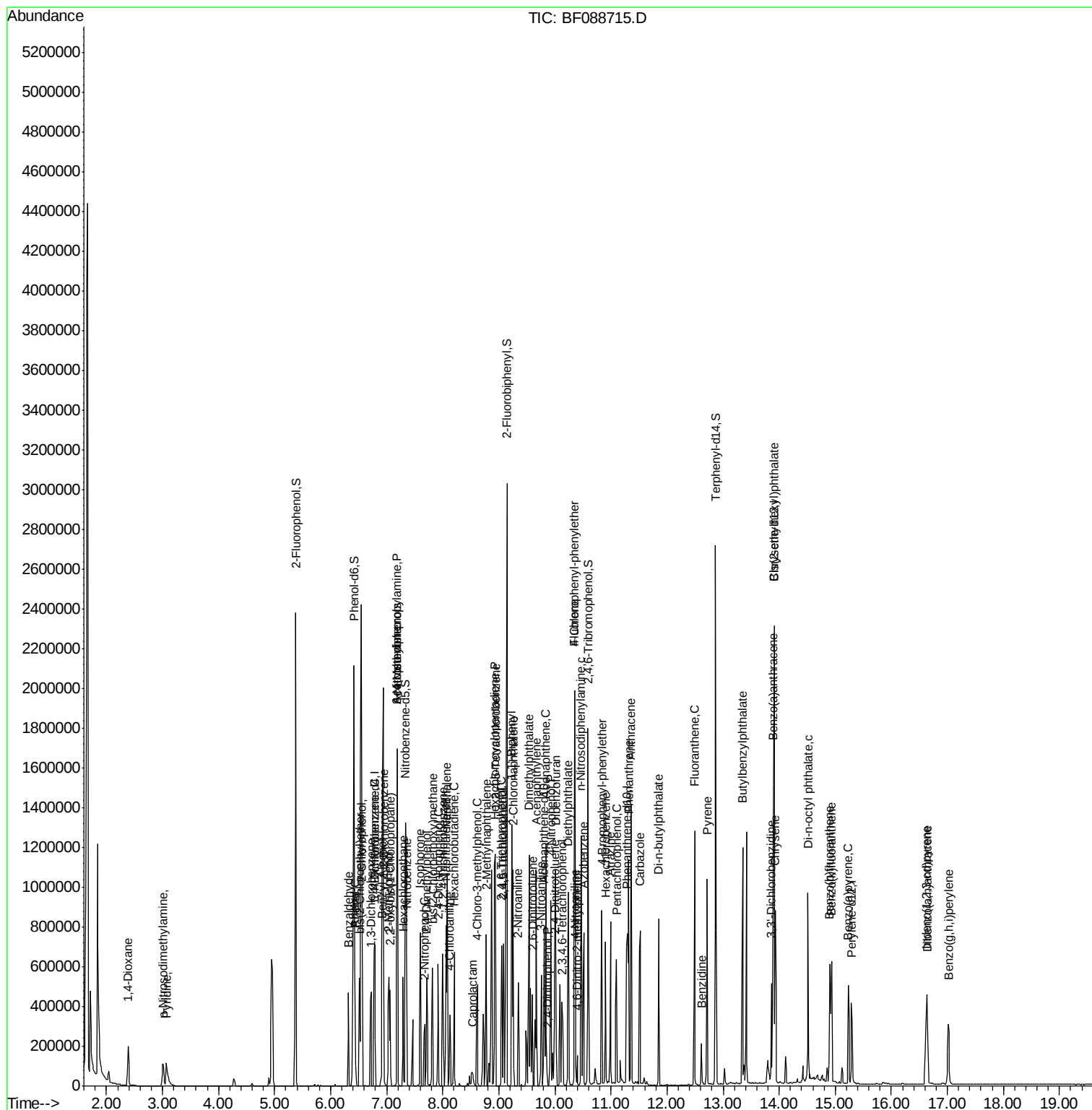
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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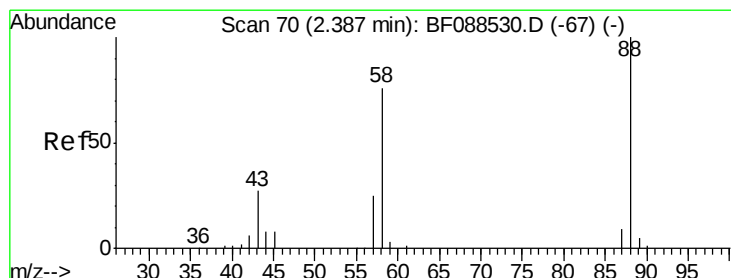
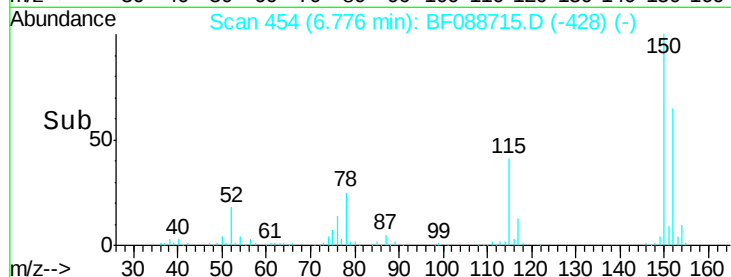
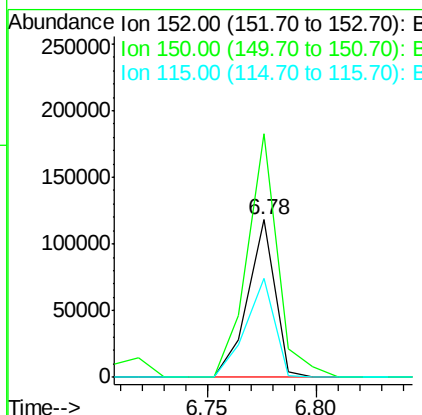
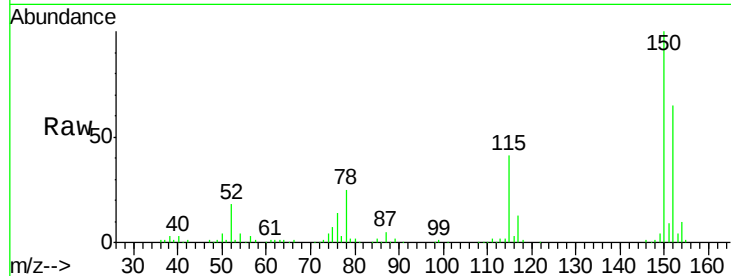
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF088715.D
Acq: 5 Jul 2016 21:10

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	123.8	185.6
115	63.2	39.6	59.4

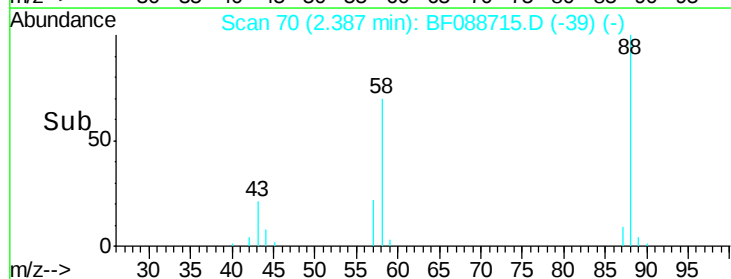
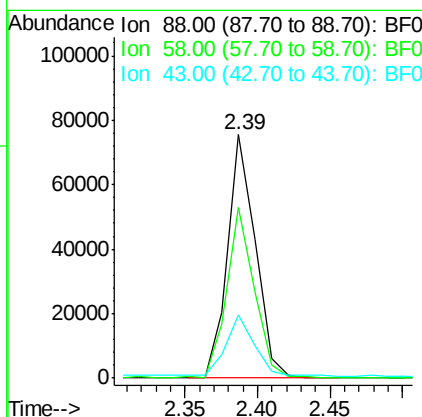
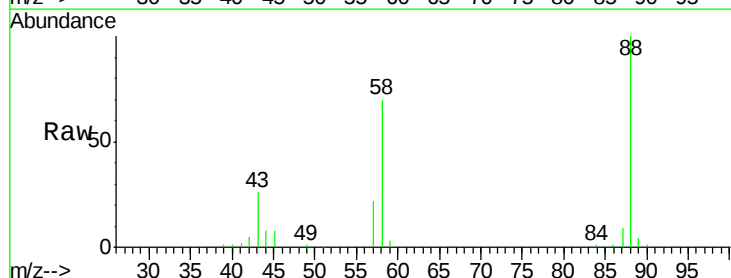
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#2

1,4-Dioxane
Concen: 29.51 ng
RT: 2.39 min Scan# 70
Delta R.T. 0.06 min
Lab File: BF088715.D
Acq: 5 Jul 2016 21:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.0	0.0	0.0
43	25.5	3.4	5.2





#3

Pvridine

Concen: 11.99 ng

RT: 3.07 min Scan# 130

Delta R.T. 0.07 min

Lab File: BF088715.D

Acq: 5 Jul 2016 21:10

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

Tot Ion: 79 Resp: 118570

Ion Ratio Lower Upper

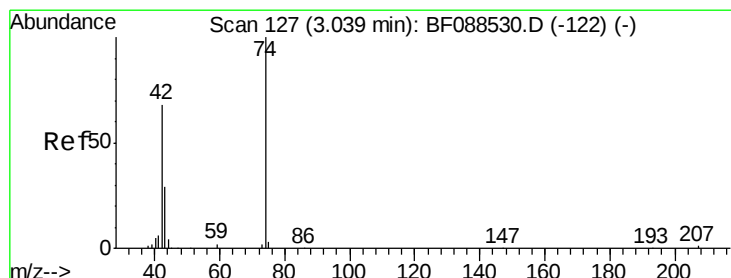
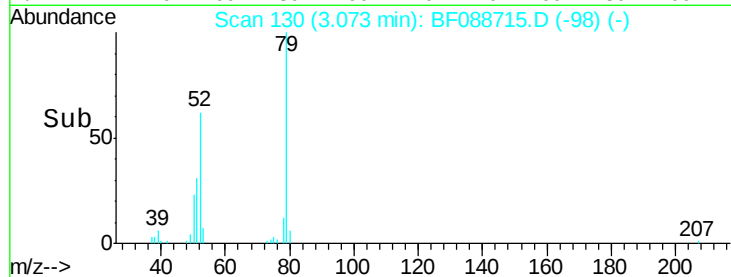
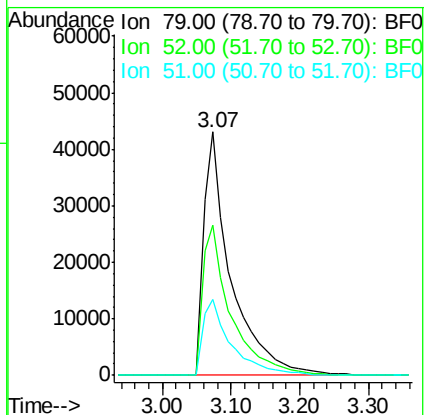
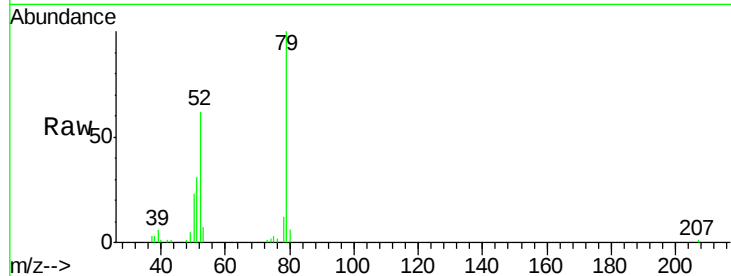
79 100

52 61.8 56.3 84.5

51 31.3 27.4 41.2

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#4

n-Nitrosodimethylamine

Concen: 17.60 ng

RT: 3.00 min Scan# 124

Delta R.T. 0.03 min

Lab File: BF088715.D

Acq: 5 Jul 2016 21:10

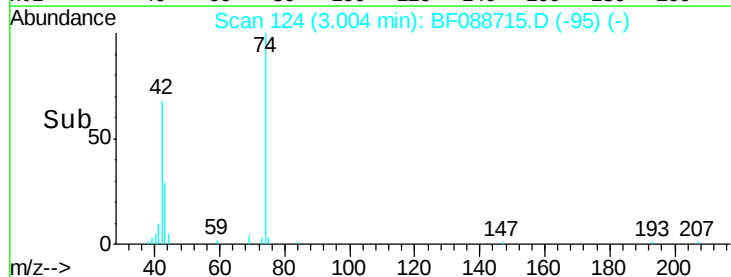
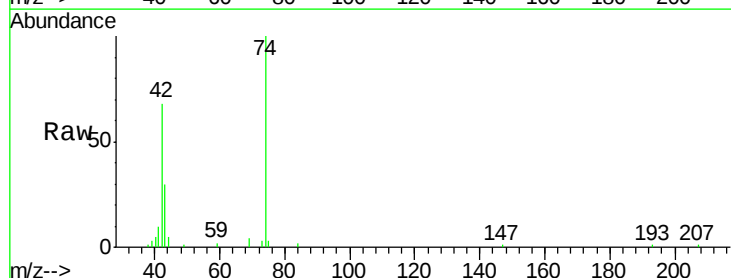
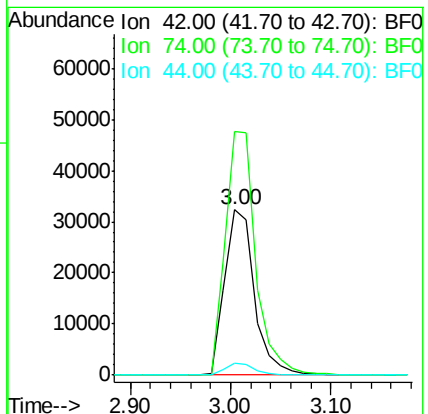
Tgt Ion: 42 Resp: 66480

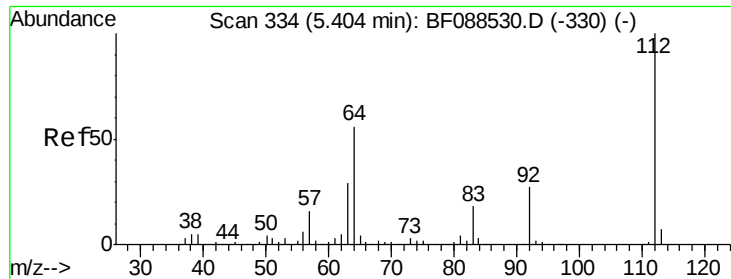
Ion Ratio Lower Upper

42 100

74 147.6 108.6 163.0

44 7.0 5.5 8.3





#5

2-Fluorophenol

Concen: 115.65 ng

RT: 5.38 min Scan# 332

Delta R.T. 0.01 min

Lab File: BF088715.D

Acq: 5 Jul 2016 21:10

Instrument :

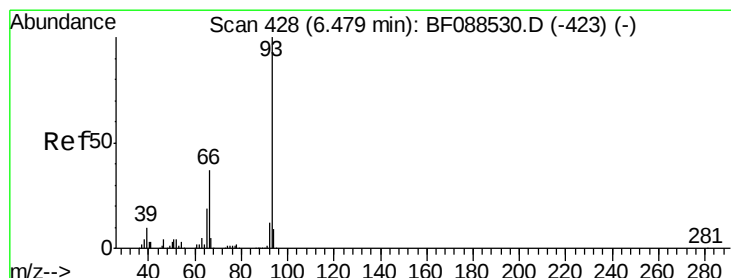
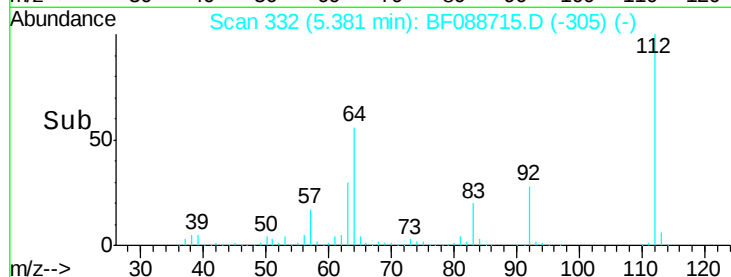
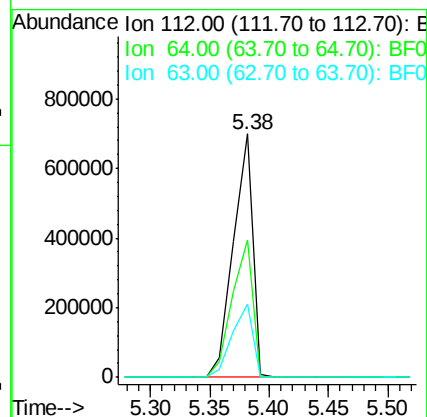
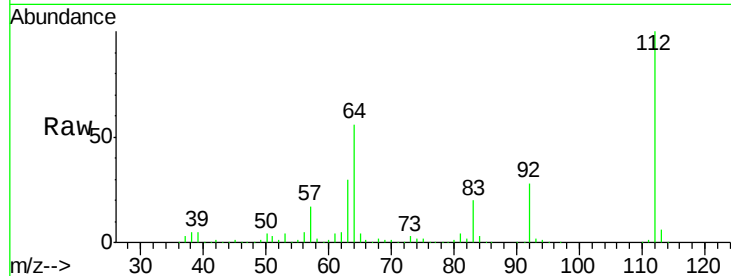
BNA_F

ClientSampleId :

SB-13-COMPMSD

Tot Ion:	112	Resp:	794711
Ion Ratio	Lower	Upper	
112	100		
64	56.4	42.2	63.2
63	30.0	21.8	32.8

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#6

Aniline

Concen: 10.95 ng

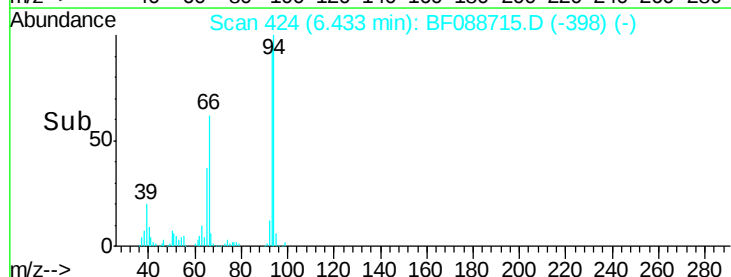
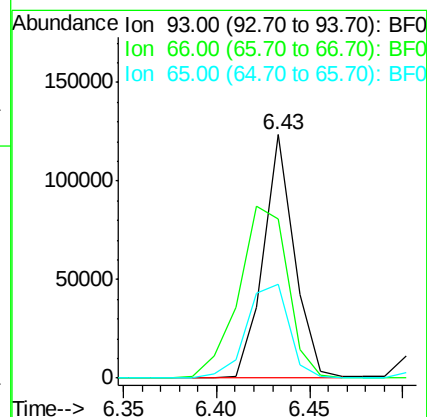
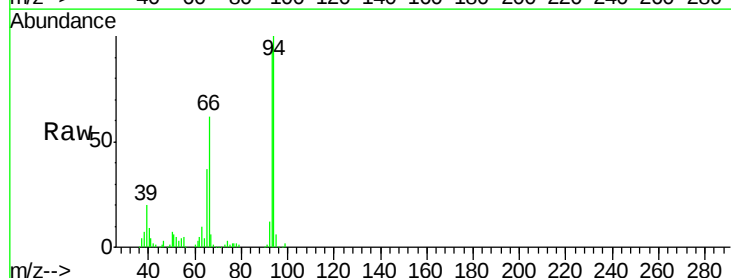
RT: 6.43 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF088715.D

Acq: 5 Jul 2016 21:10

Tgt Ion:	93	Resp:	141676
Ion Ratio	Lower	Upper	
93	100		
66	65.1	29.8	44.8#
65	38.7	14.9	22.3#





#7

Phenol-d6

Concen: 120.56 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.01 min

Lab File: BF088715.D

Acq: 5 Jul 2016 21:10

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

Tot Ion: 99 Resp: 1070499

Ion Ratio Lower Upper

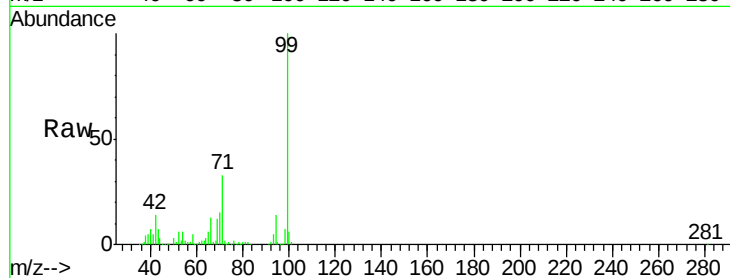
99 100

42 13.9 12.2 18.2

71 33.5 23.4 35.0

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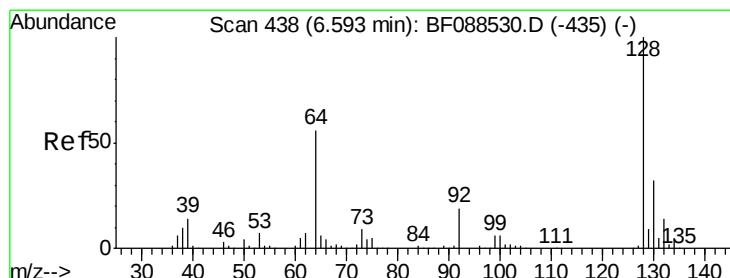
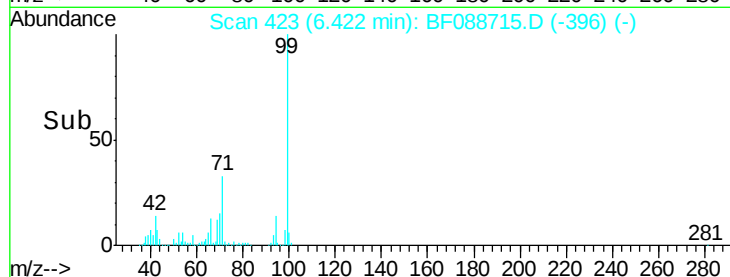
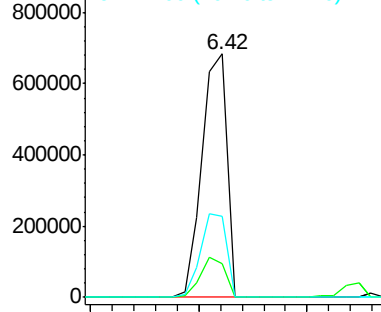
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 22.64 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF088715.D

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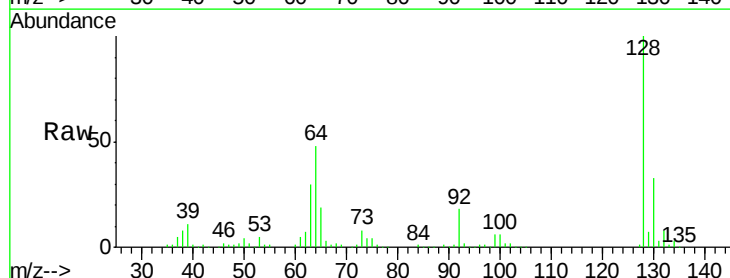
Tgt Ion: 128 Resp: 167215

Ion Ratio Lower Upper

128 100

130 32.7 12.0 52.0

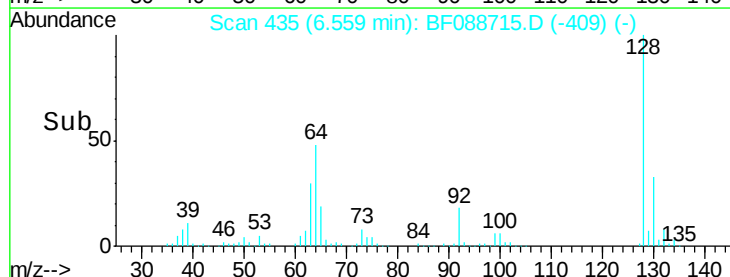
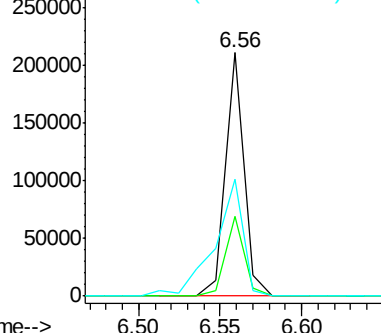
64 47.9 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 18.54 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF088715.D

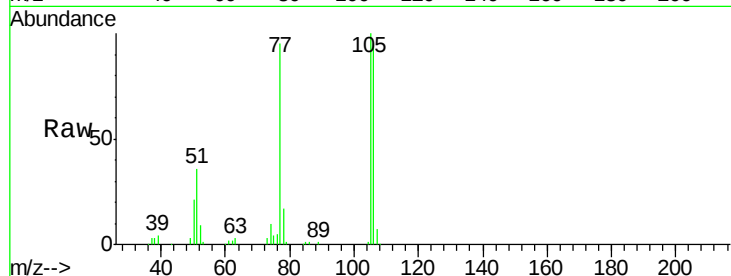
Acq: 5 Jul 2016 21:10

Instrument :

BNA_F

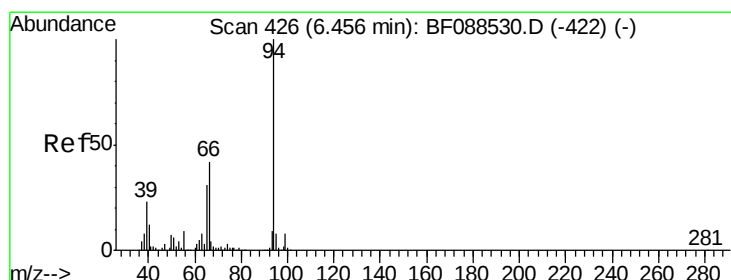
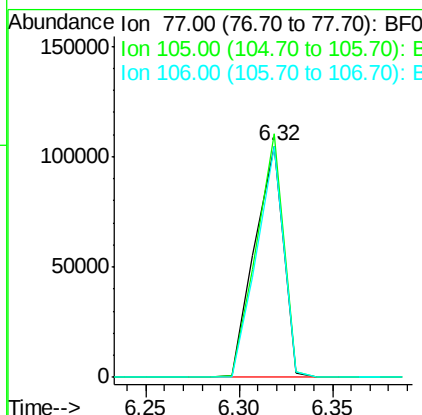
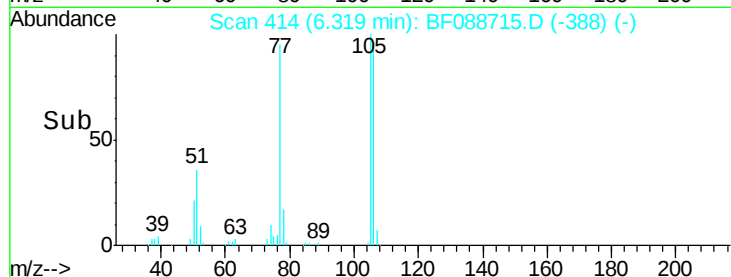
ClientSampleId :

SB-13-COMPMSD



Tot Ion:	77	Resp:	111487
Ion	Ratio	Lower	Upper
77	100		
105	105.5	90.6	130.6
106	100.2	85.3	125.3

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#10

Phenol

Concen: 16.18 ng

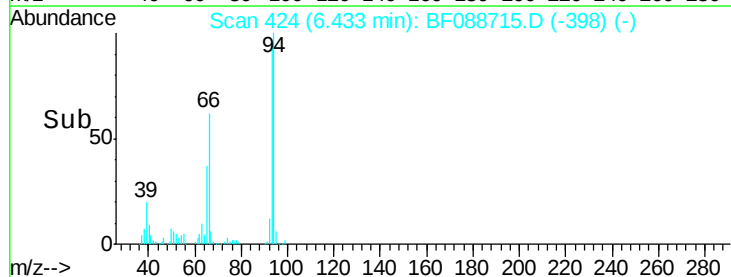
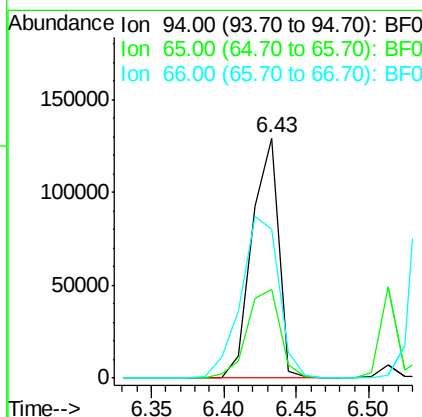
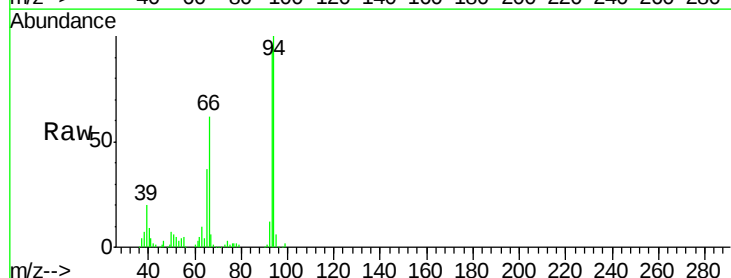
RT: 6.43 min Scan# 424

Delta R.T. 0.00 min

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Tgt Ion:	94	Resp:	163958
Ion	Ratio	Lower	Upper
94	100		
65	37.0	5.9	45.9
66	62.3	14.0	54.0





#11

bis(2-Chloroethyl)ether

Concen: 20.45 ng

RT: 6.51 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF088715.D

Acq: 5 Jul 2016 21:10

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

Tot Ion: 93 Resp: 154541

Ion Ratio Lower Upper

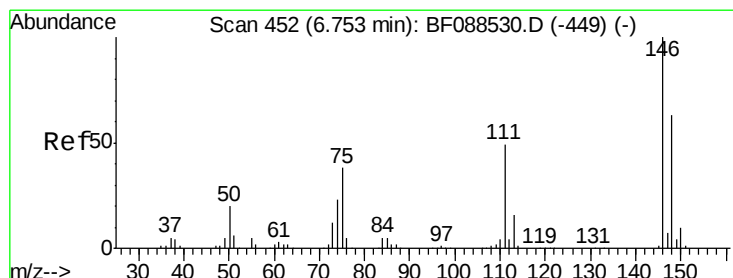
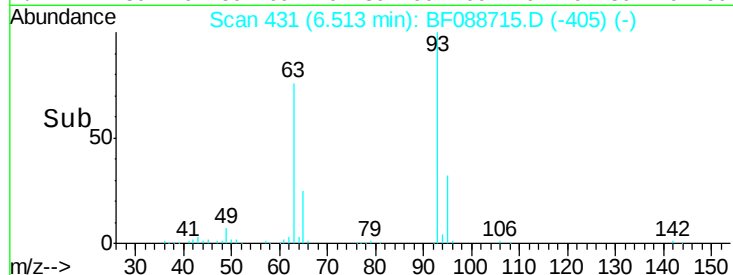
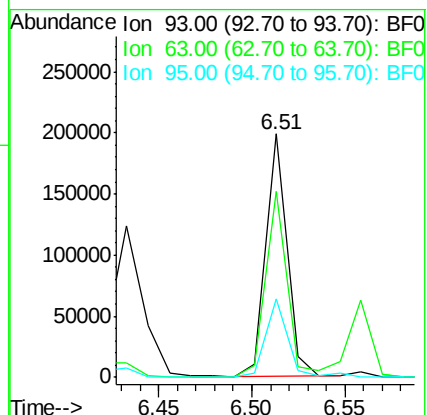
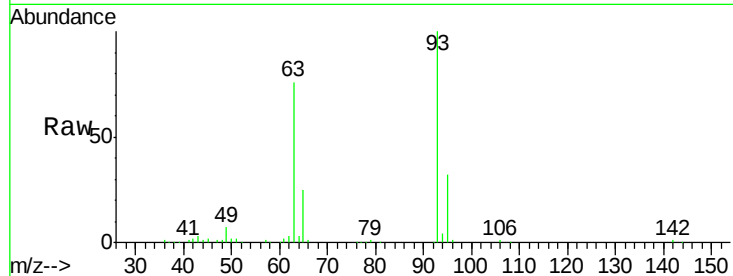
93 100

63 76.3 67.6 107.6

95 32.1 12.5 52.5

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#12

1,3-Dichlorobenzene

Concen: 20.01 ng m

RT: 6.72 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF088715.D

Acq: 5 Jul 2016 21:10

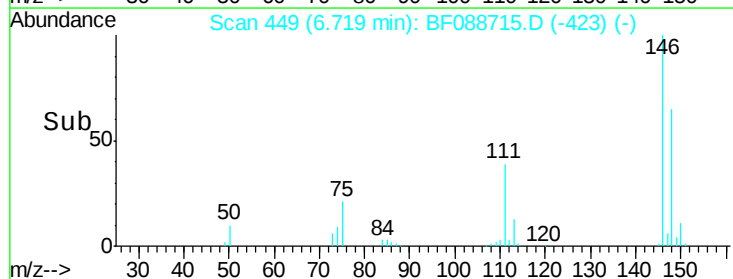
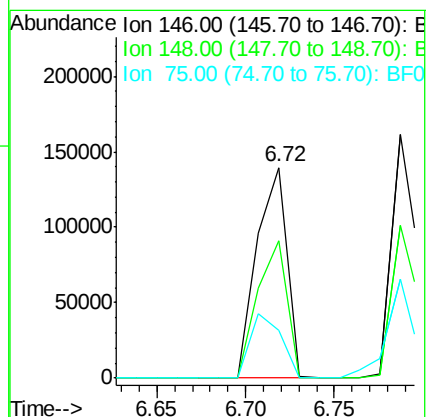
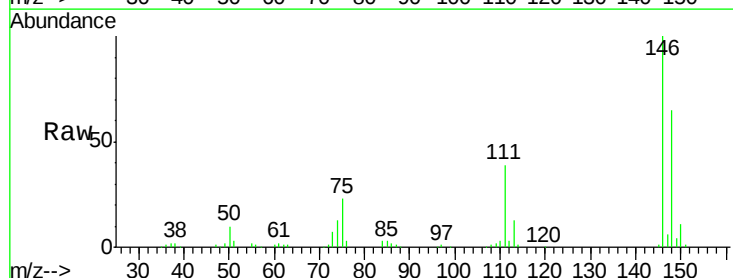
Tgt Ion:146 Resp: 162657

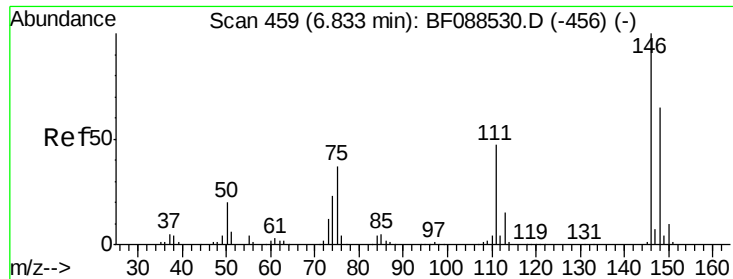
Ion Ratio Lower Upper

146 100

148 65.4 50.9 76.3

75 22.8 25.6 38.4#



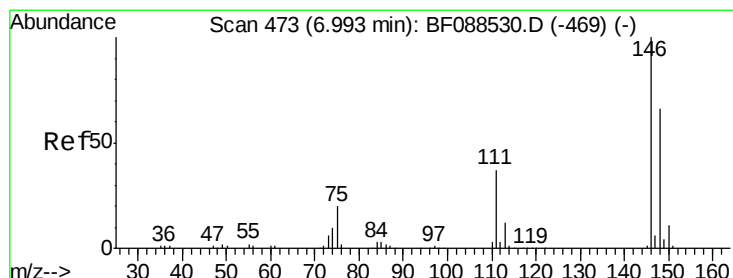
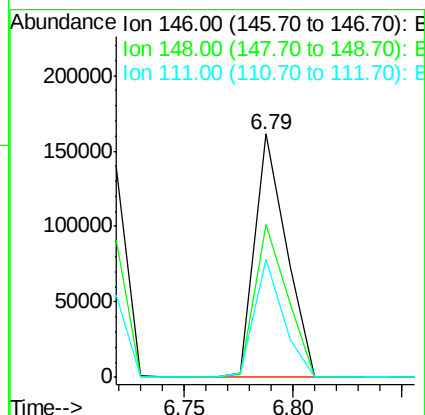
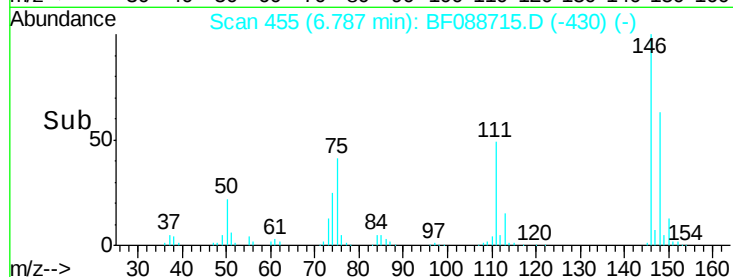
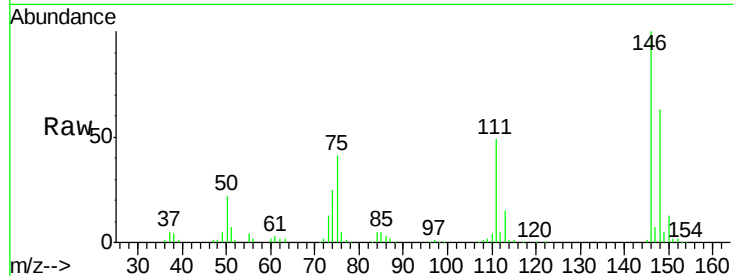


#13
 1,4-Dichlorobenzene
 Concen: 20.16 ng
 RT: 6.79 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF088715.D
 Acq: 5 Jul 2016 21:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMSD

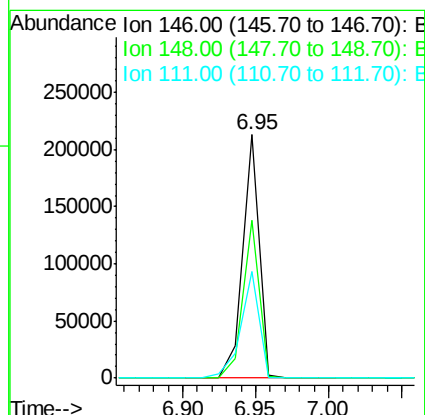
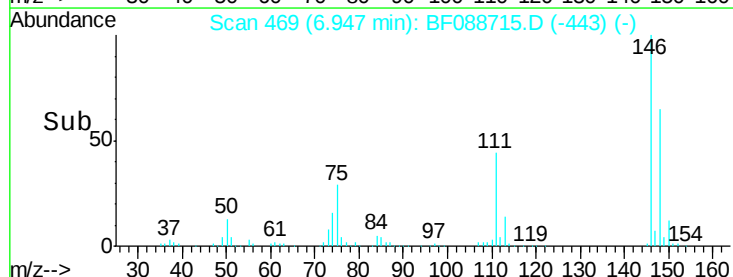
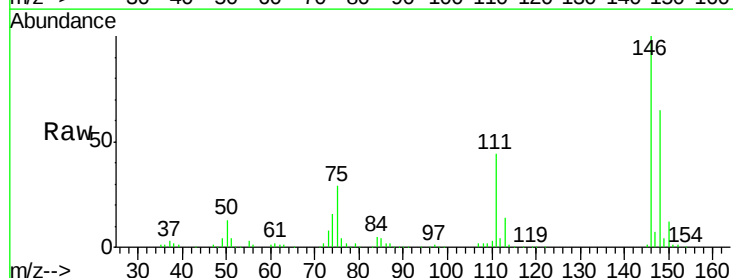
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.0	78.0
111	48.8	33.8	50.8

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#14
 1,2-Dichlorobenzene
 Concen: 22.22 ng m
 RT: 6.95 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF088715.D
 Acq: 5 Jul 2016 21:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.3	78.5
111	43.9	28.7	43.1#





#15

Benzyl Alcohol

Concen: 22.44 ng

RT: 6.91 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF088715.D

Acq: 5 Jul 2016 21:10

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

Tot Ion: 79 Resp: 146673

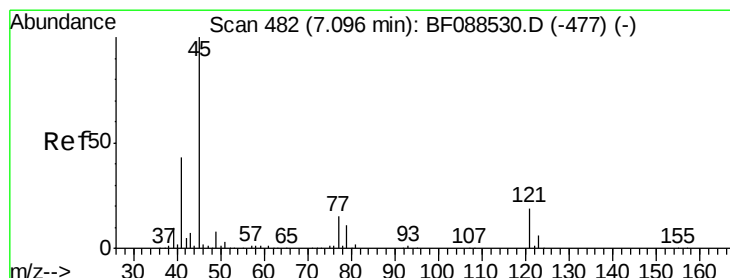
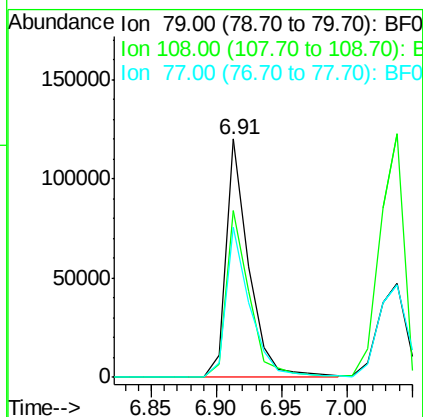
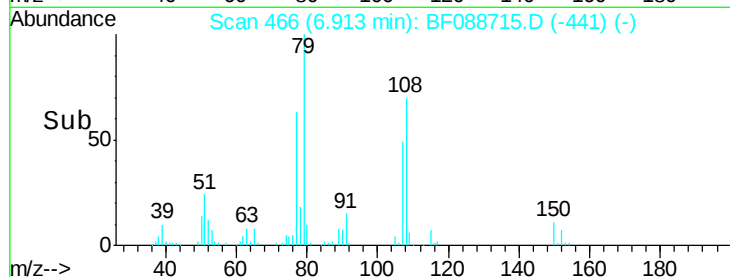
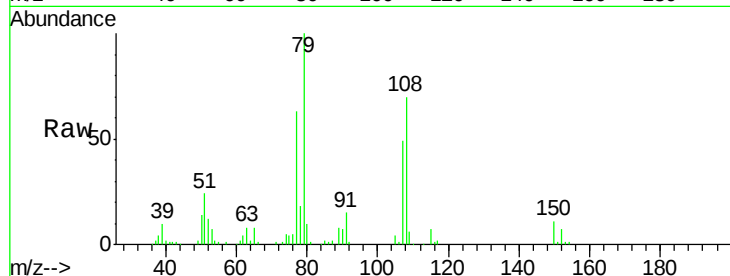
Ion Ratio Lower Upper

79 100

108 69.8 65.0 97.6

77 62.9 50.3 75.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 17.94 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF088715.D

Acq: 5 Jul 2016 21:10

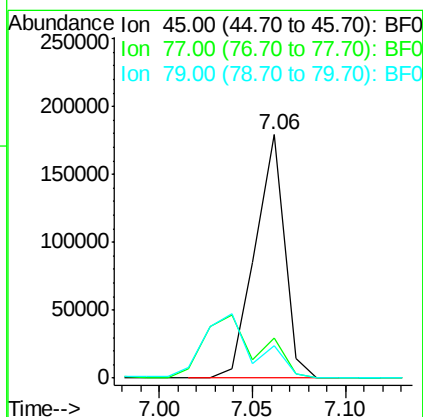
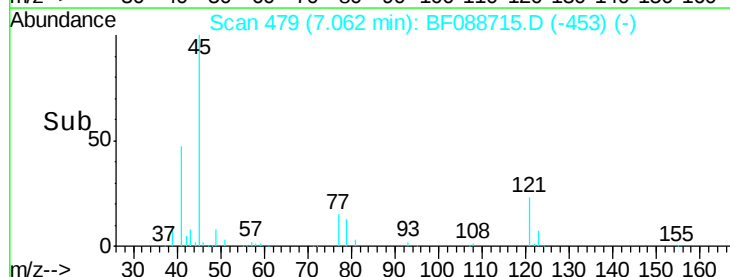
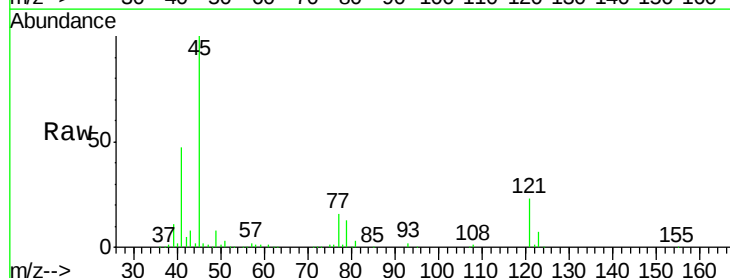
Tgt Ion: 45 Resp: 196355

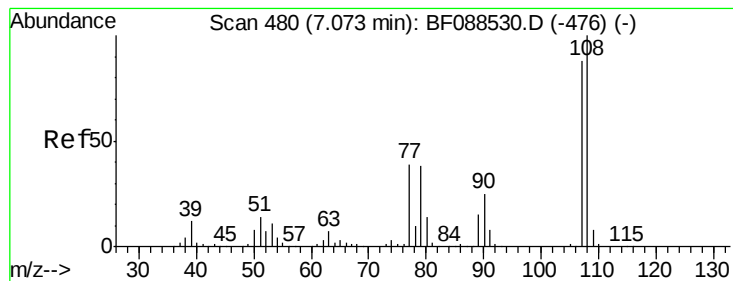
Ion Ratio Lower Upper

45 100

77 16.3 0.0 32.5

79 13.4 0.0 29.5



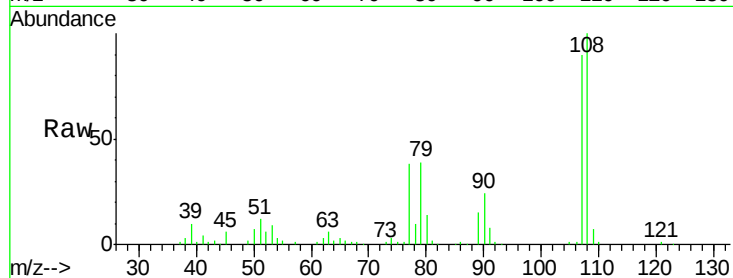


#17
2-Methylphenol
Concen: 23.10 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF088715.D
Acq: 5 Jul 2016 21:10

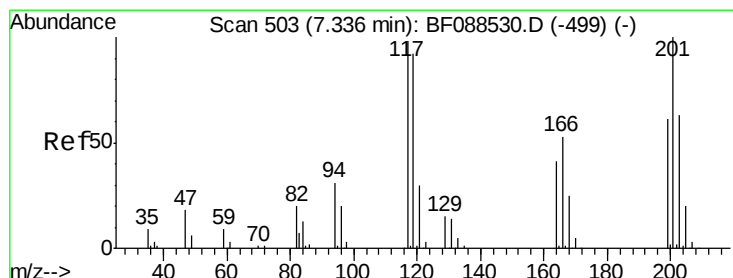
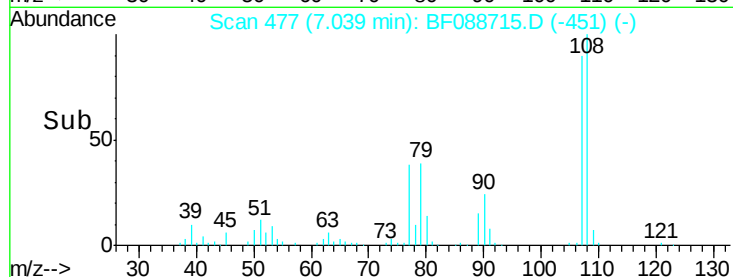
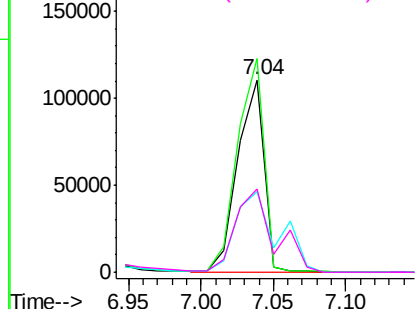
Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

Tot Ion:	107	Resp:	139196
Ion	Ratio	Lower	Upper
107	100		
108	111.2	90.9	136.3
77	42.3	36.6	55.0
79	43.1	36.5	54.7

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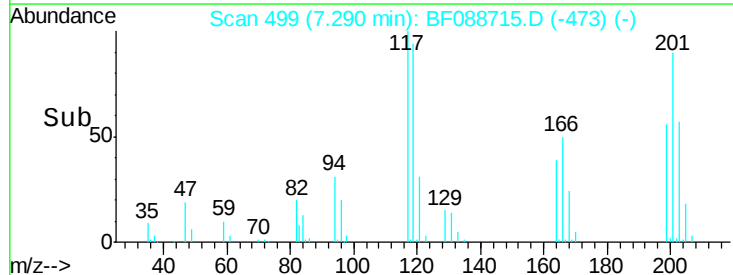
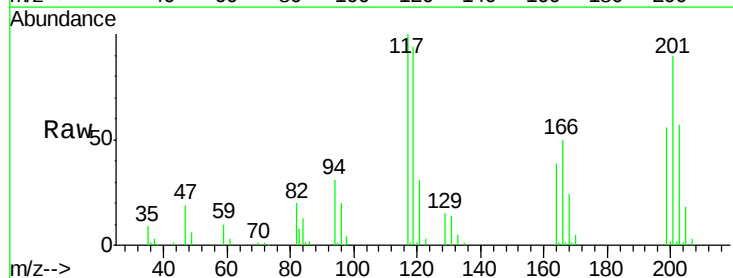
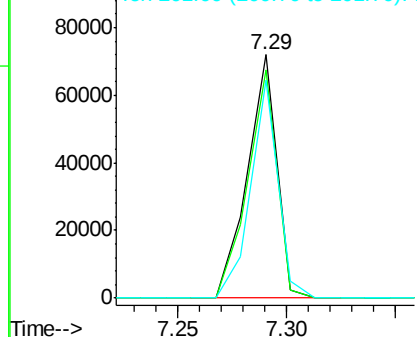
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

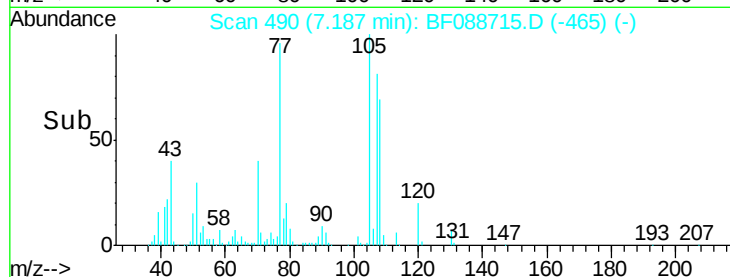
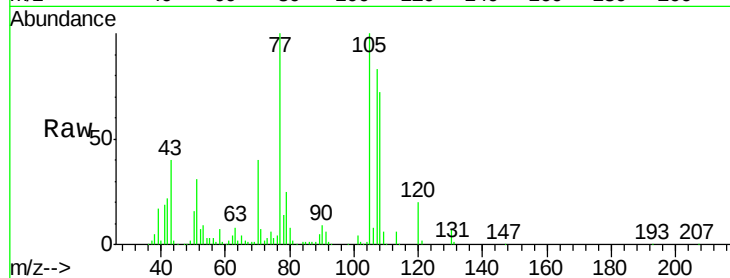
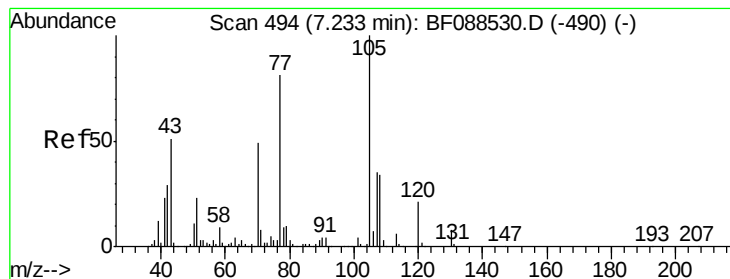


#18
Hexachloroethane
Concen: 21.60 ng
RT: 7.29 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF088715.D
Acq: 5 Jul 2016 21:10

Tgt Ion:	117	Resp:	67409
Ion	Ratio	Lower	Upper
117	100		
119	93.9	77.4	116.2
201	89.8	80.4	120.6

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: 20.22 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF088715.D

Acq: 5 Jul 2016 21:10

Tot Ion: 70 Resp: 120621

Ion Ratio Lower Upper

70 100

42 54.4 49.6 74.4

101 9.2 7.1 10.7

130 18.6 15.4 23.2

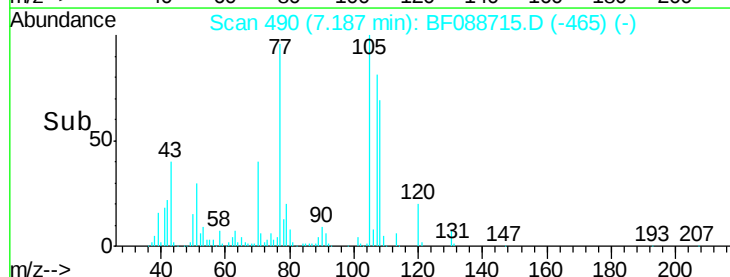
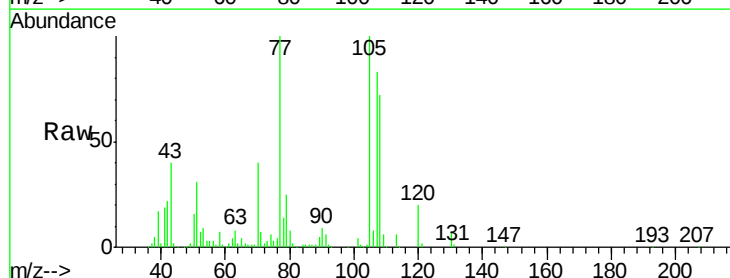
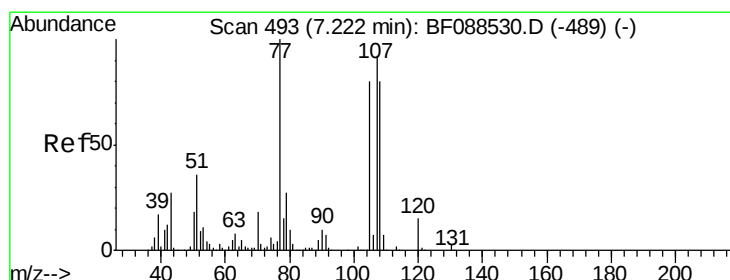
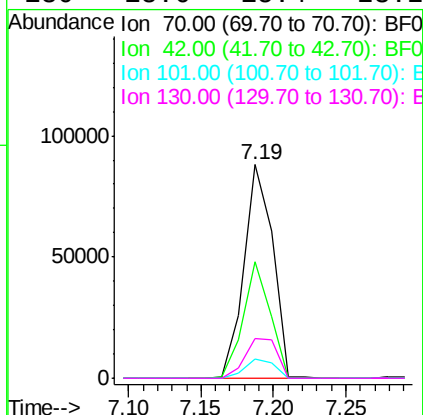
Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

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#20

3+4-Methylphenols

Concen: 23.03 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF088715.D

Acq: 5 Jul 2016 21:10

Tgt Ion:107 Resp: 166531

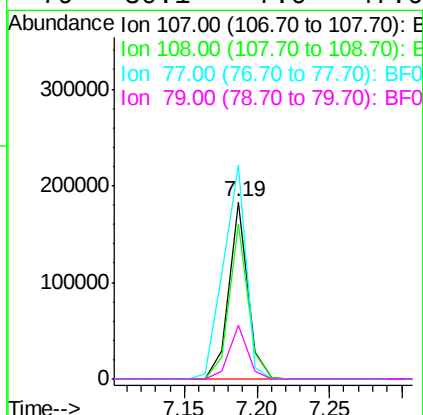
Ion Ratio Lower Upper

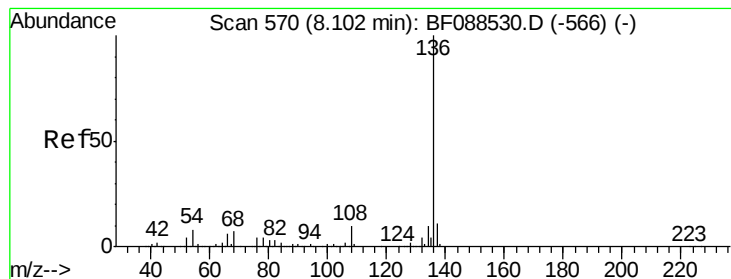
107 100

108 87.4 67.8 107.8

77 120.6 59.3 99.3#

79 30.1 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF088715.D

Acq: 5 Jul 2016 21:10

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

Tot Ion:136 Resp: 410013

Ion Ratio Lower Upper

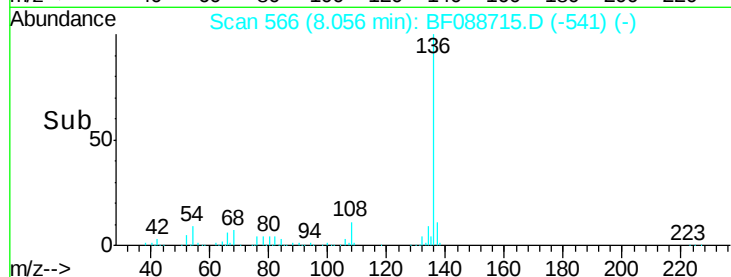
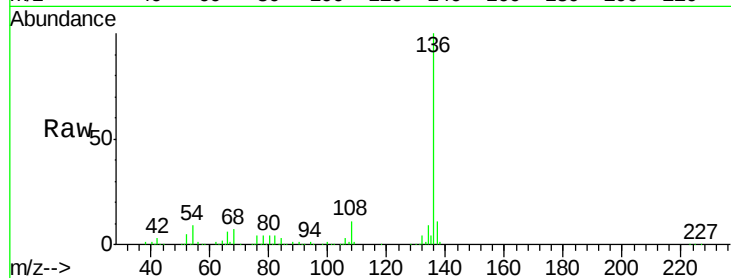
136 100

137 11.2 9.1 13.7

54 8.6 6.6 10.0

68 7.1 5.1 7.7

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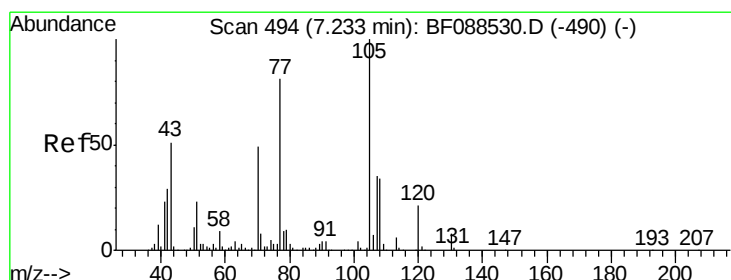
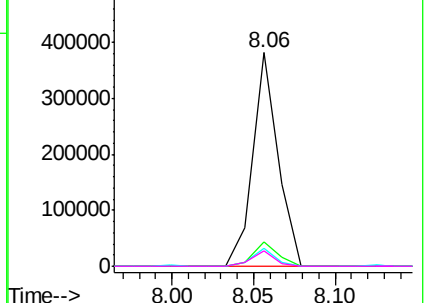


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 24.29 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF088715.D

Acq: 5 Jul 2016 21:10

Tgt Ion:105 Resp: 241679

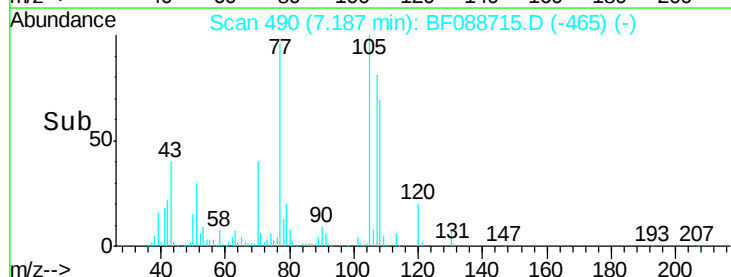
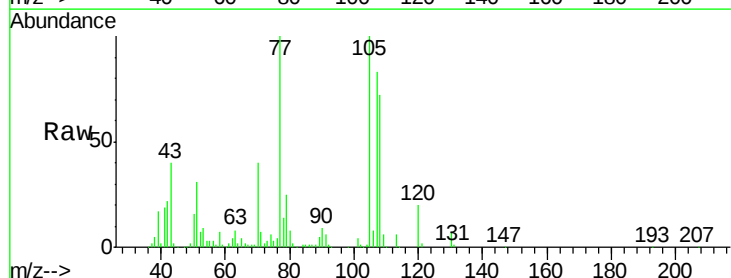
Ion Ratio Lower Upper

105 100

71 6.7 5.3 7.9

51 31.1 18.2 27.4#

120 20.1 18.0 27.0

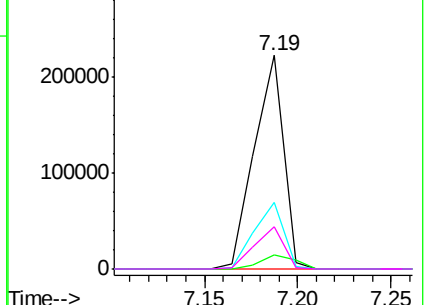


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



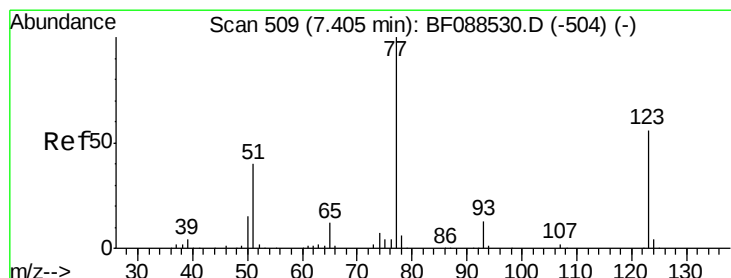
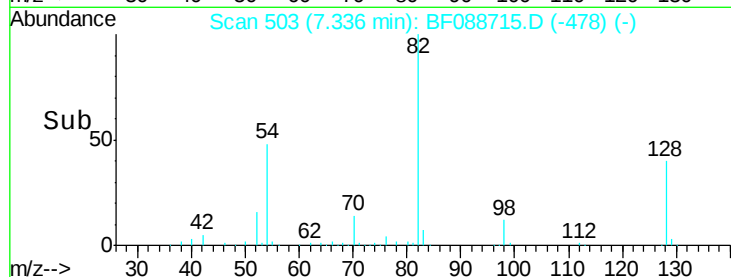
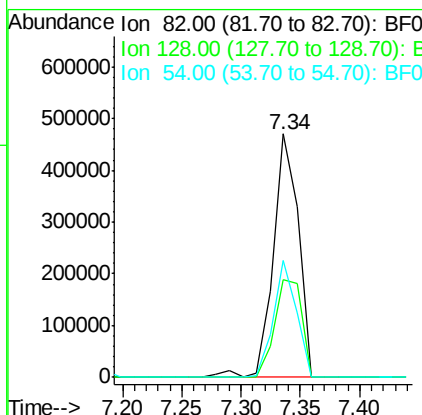
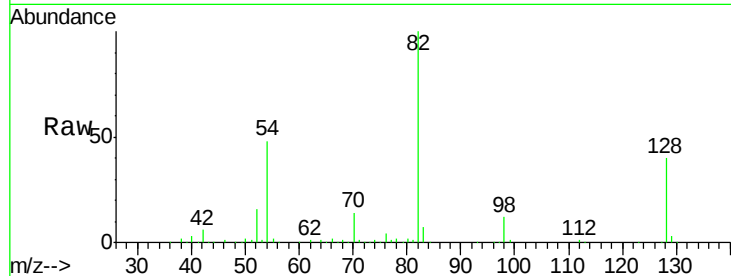


#23
 Nitrobenzene-d5
 Concen: 87.37 ng
 RT: 7.34 min Scan# 503
 Delta R.T. -0.01 min
 Lab File: BF088715.D
 Acq: 5 Jul 2016 21:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMSD

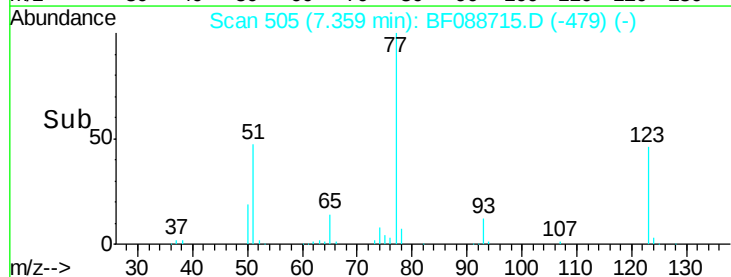
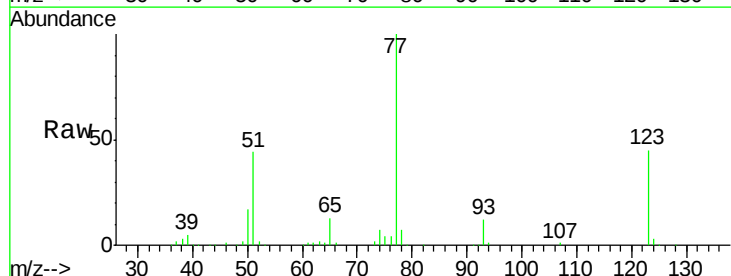
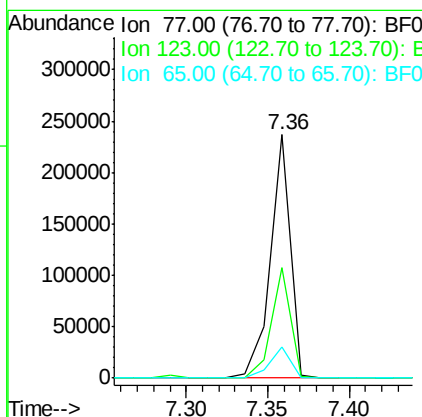
Tot Ion	82	Resp	683584
Ion Ratio	100	Lower	Upper
82	100		
128	40.0	35.9	53.9
54	48.2	40.9	61.3

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#24
 Nitrobenzene
 Concen: 25.64 ng
 RT: 7.36 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF088715.D
 Acq: 5 Jul 2016 21:10

Tgt Ion	77	Resp	202244
Ion Ratio	100	Lower	Upper
77	100		
123	45.3	45.0	67.4
65	12.7	10.2	15.2





#25

Isophorone

Concen: 23.57 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF088715.D

Acq: 5 Jul 2016 21:10

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

Tot Ion: 82 Resp: 341654

Ion Ratio Lower Upper

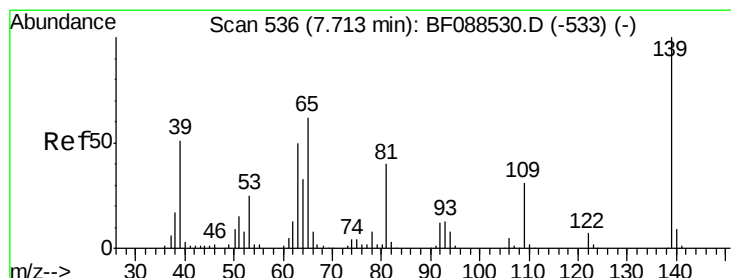
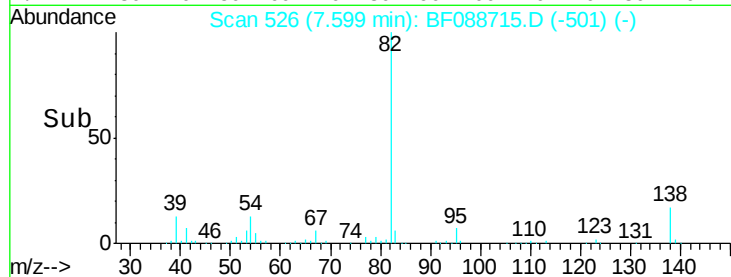
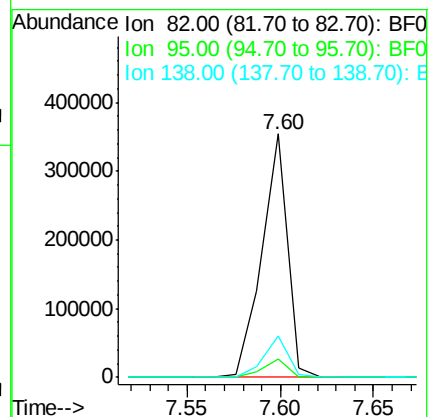
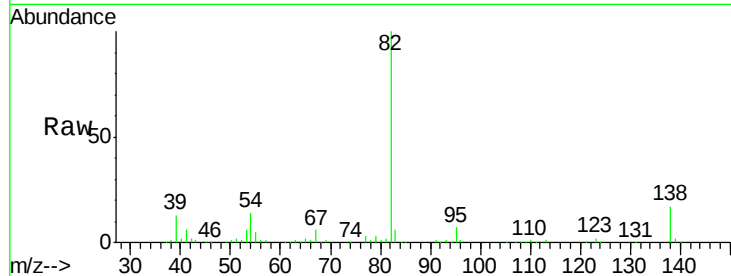
82 100

95 7.3 5.4 8.2

138 17.0 14.6 21.8

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#26

2-Nitrophenol

Concen: 26.98 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF088715.D

Acq: 5 Jul 2016 21:10

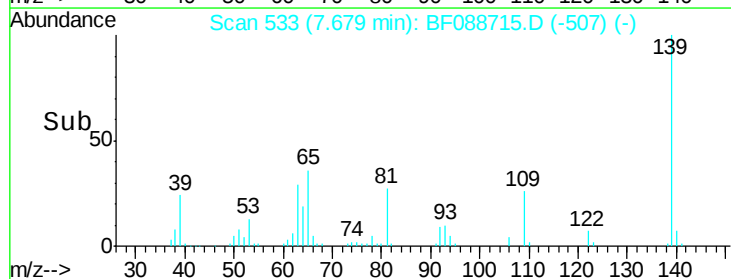
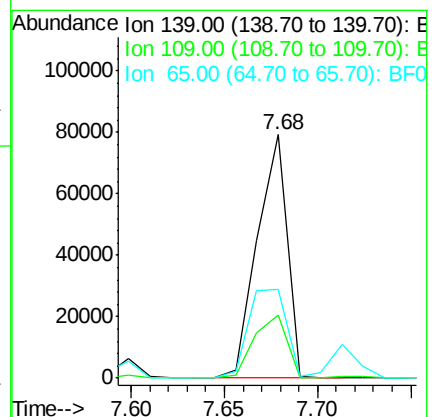
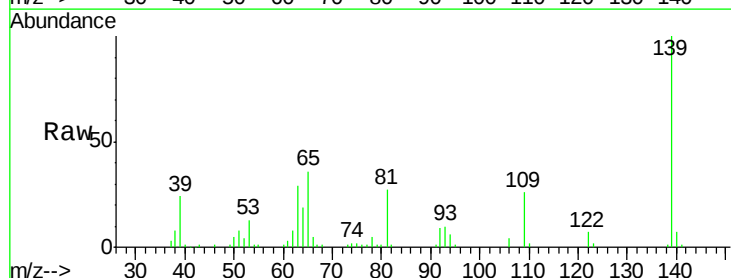
Tgt Ion: 139 Resp: 87280

Ion Ratio Lower Upper

139 100

109 26.1 23.0 34.4

65 36.3 45.8 68.8#



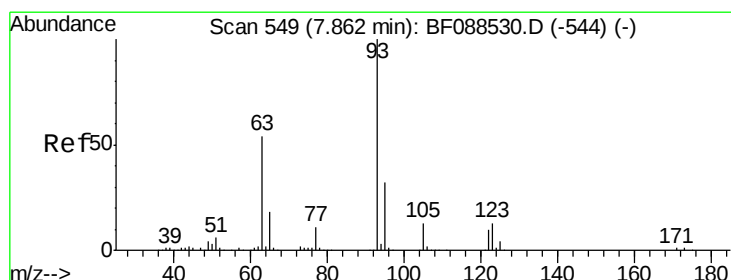
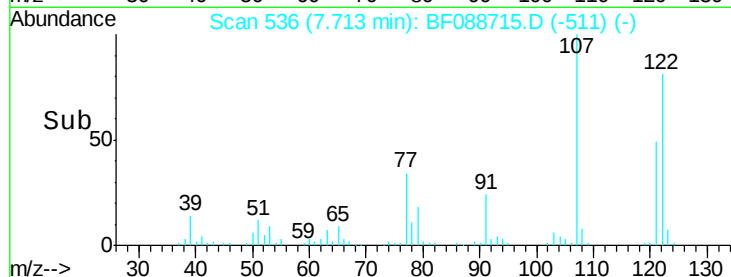
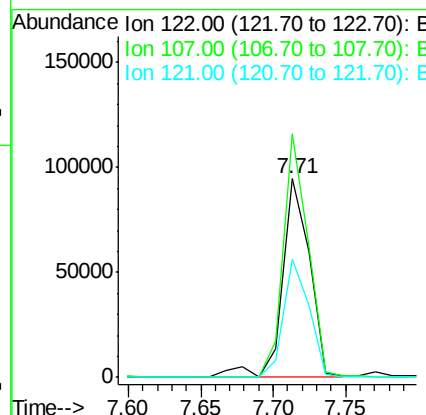
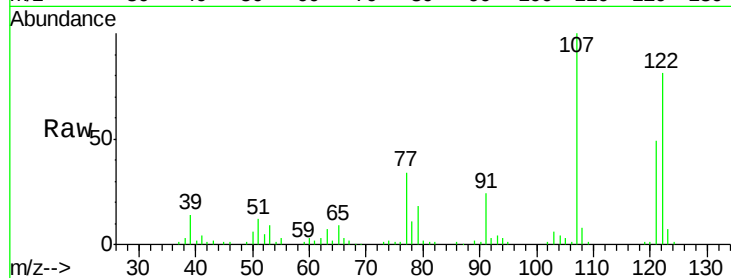


#27
 2,4-Dimethylphenol
 Concen: 18.22 ng
 RT: 7.71 min Scan# 536
 Delta R.T. -0.01 min
 Lab File: BF088715.D
 Acq: 5 Jul 2016 21:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMSD

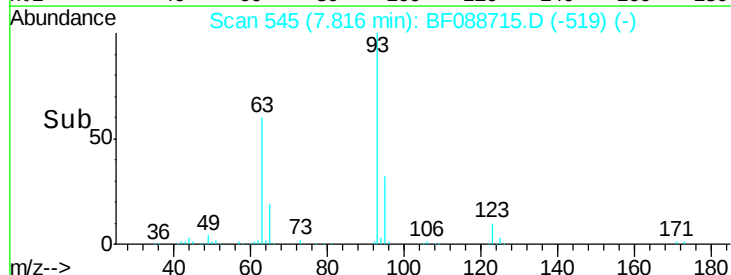
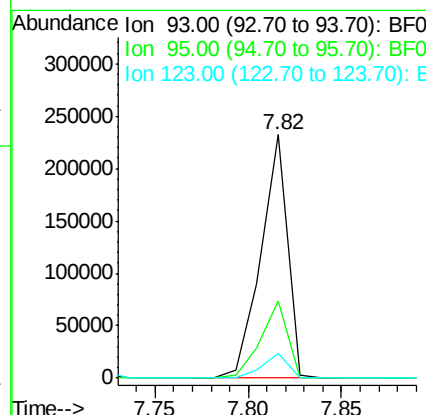
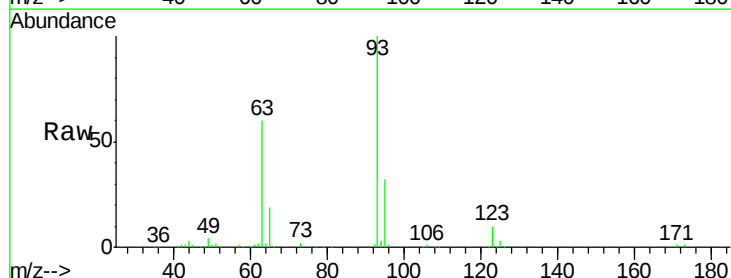
Tot Ion	Ratio	Lower	Upper
122	100		
107	122.8	82.4	123.6
121	59.8	46.3	69.5

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#28
 bis(2-Chloroethoxy)methane
 Concen: 24.20 ng
 RT: 7.82 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: BF088715.D
 Acq: 5 Jul 2016 21:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	26.5	39.7
123	10.3	11.6	17.4#



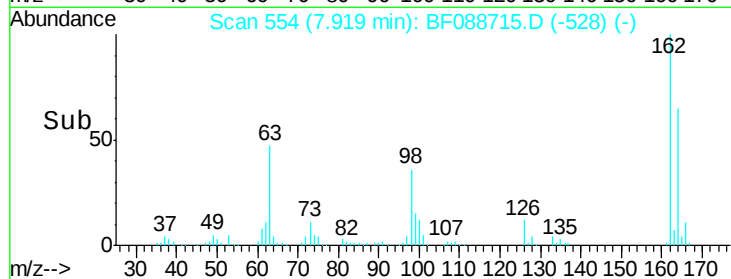
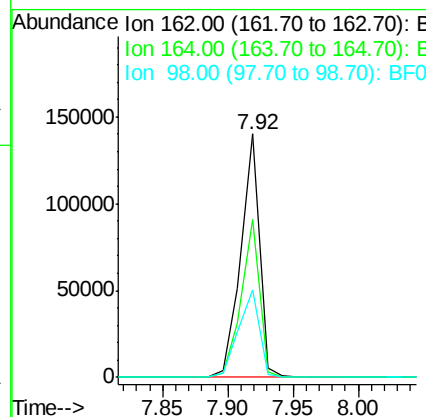
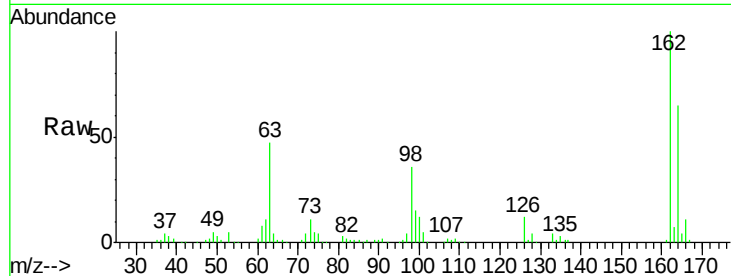


#29
2,4-Dichlorophenol
Concen: 25.42 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF088715.D
Acq: 5 Jul 2016 21:10

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

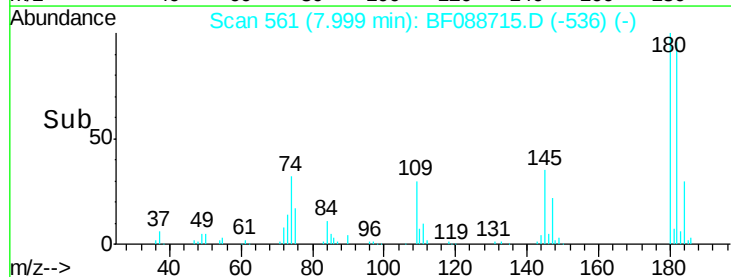
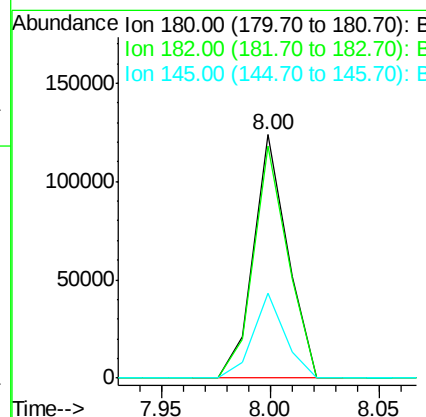
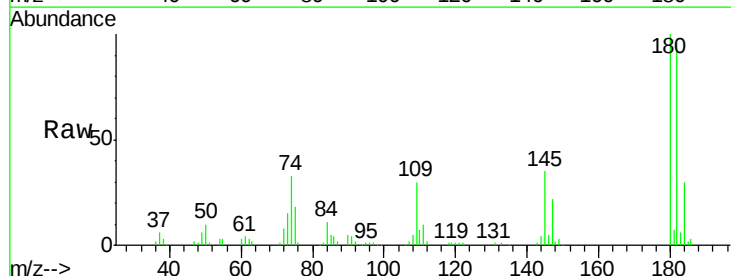
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	43.8	83.8
98	36.1	21.3	61.3

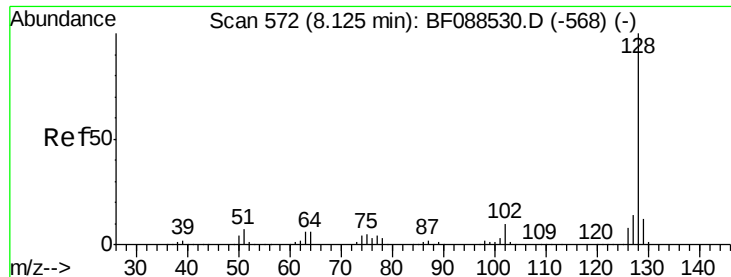
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#30
1,2,4-Trichlorobenzene
Concen: 22.61 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF088715.D
Acq: 5 Jul 2016 21:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.0	114.0
145	35.1	26.5	39.7



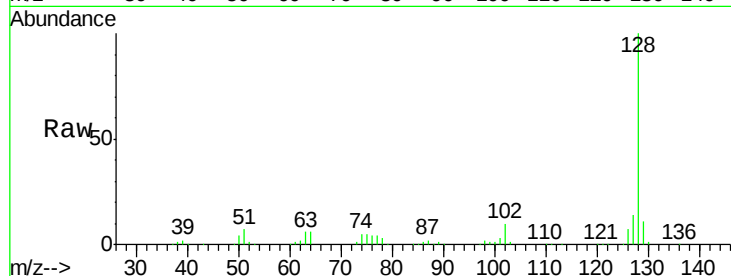


#31
Naphthalene
Concen: 23.37 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF088715.D
Acq: 5 Jul 2016 21:10

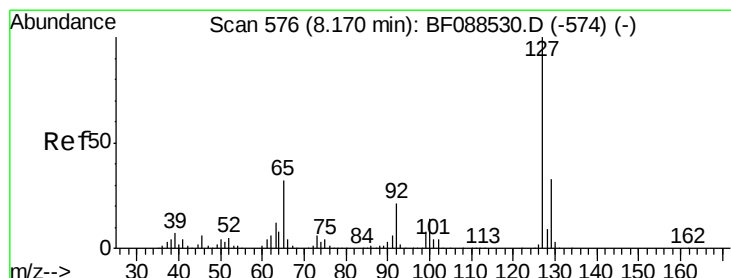
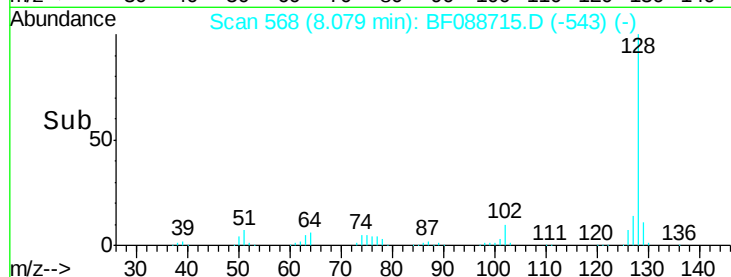
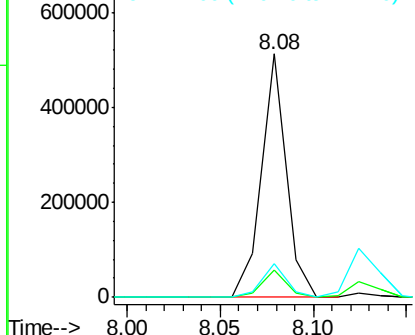
Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.2
127	13.6	10.9	16.3

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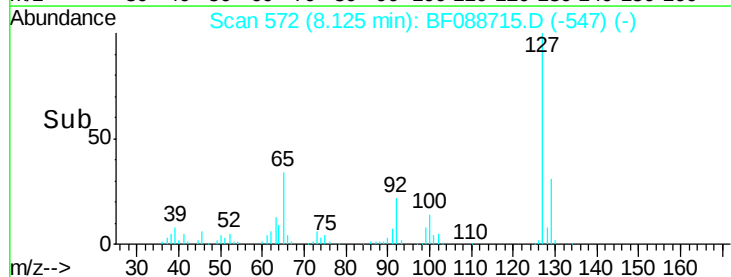
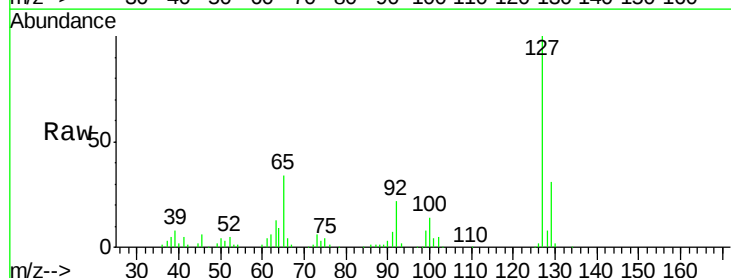
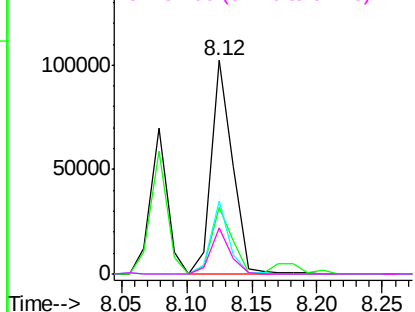
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#33
4-Chloroaniline
Concen: 12.93 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF088715.D
Acq: 5 Jul 2016 21:10

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.3	39.5
65	34.3	24.7	37.1
92	21.5	15.4	23.0

Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 23.84 ng

RT: 8.20 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF088715.D

Acq: 5 Jul 2016 21:10

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

Tot Ion:225 Resp: 76290

Ion Ratio Lower Upper

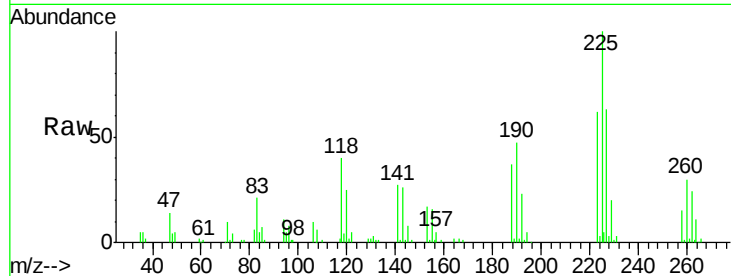
225 100

223 61.9 50.9 76.3

227 63.4 51.9 77.9

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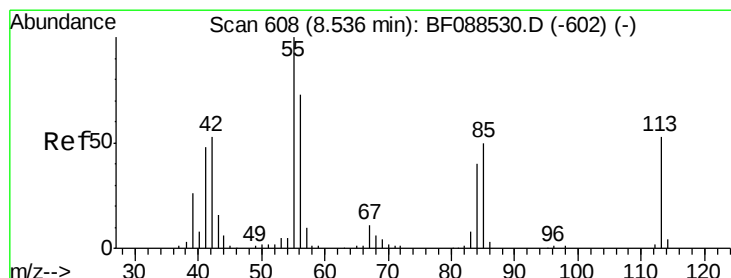
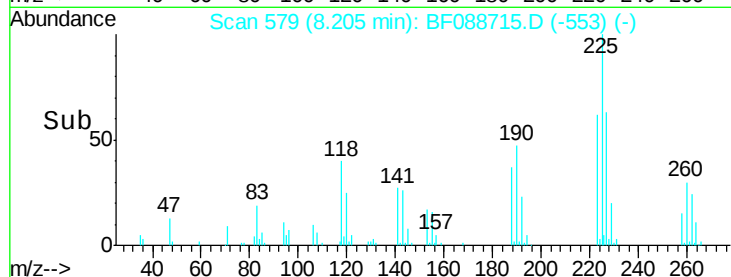
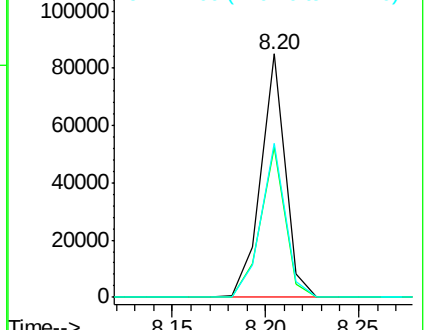
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Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 15.48 ng m

RT: 8.52 min Scan# 607

Delta R.T. 0.01 min

Lab File: BF088715.D

Acq: 5 Jul 2016 21:10

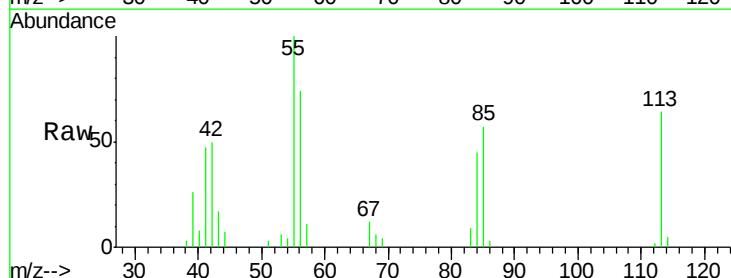
Tgt Ion:113 Resp: 28623

Ion Ratio Lower Upper

113 100

55 157.3 158.6 198.6#

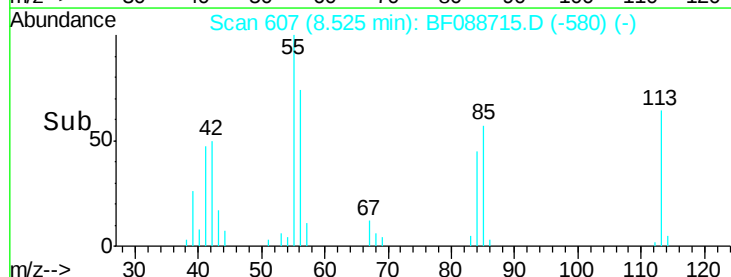
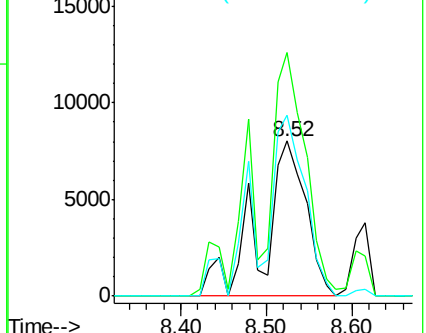
56 116.7 110.6 150.6

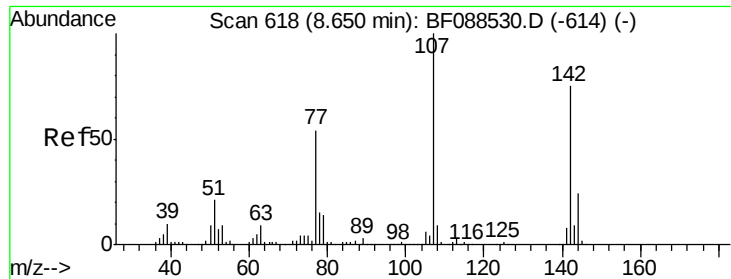


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



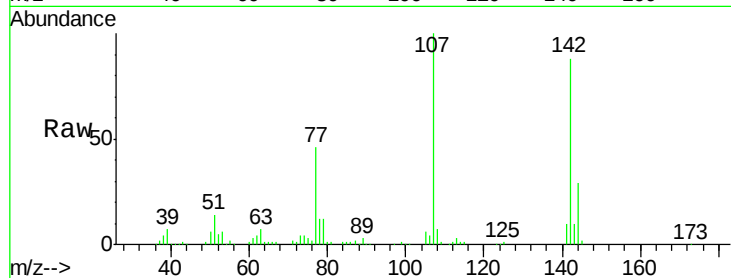


#36
4-Chloro-3-methylphenol
Concen: 23.94 ng
RT: 8.62 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF088715.D
Acq: 5 Jul 2016 21:10

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

Tot Ion	Ratio	Lower	Upper
107	100		
144	28.6	20.8	31.2
142	88.4	63.4	95.2

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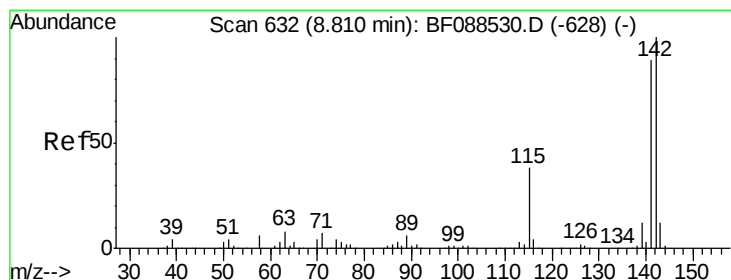
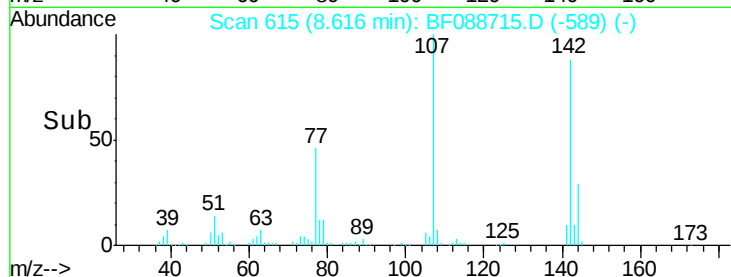
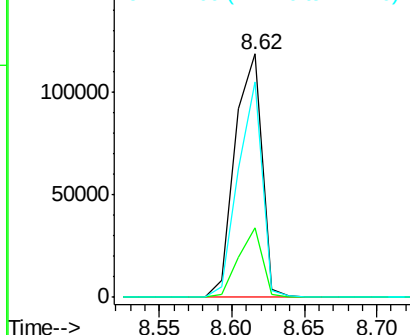


Abundance

Ion 107.00 (106.70 to 107.70): E

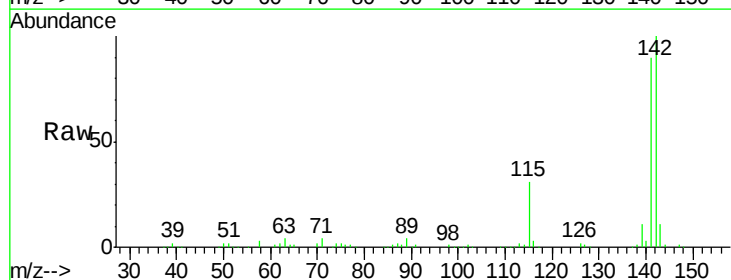
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37
2-Methylnaphthalene
Concen: 24.56 ng
RT: 8.78 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF088715.D
Acq: 5 Jul 2016 21:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.0	106.6
115	31.5	22.6	33.8

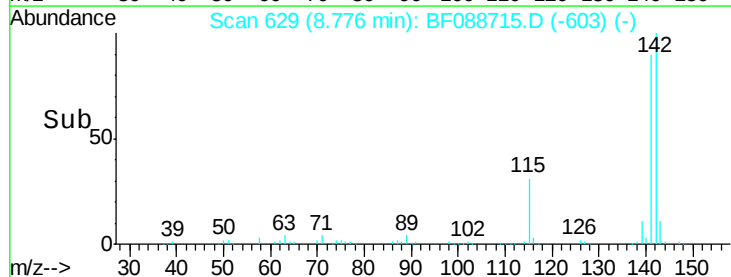
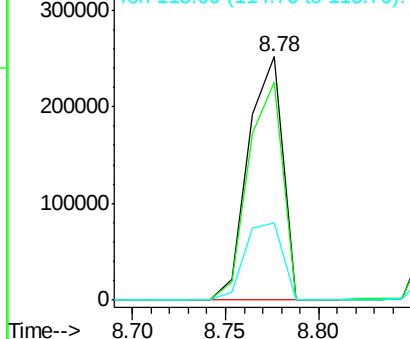


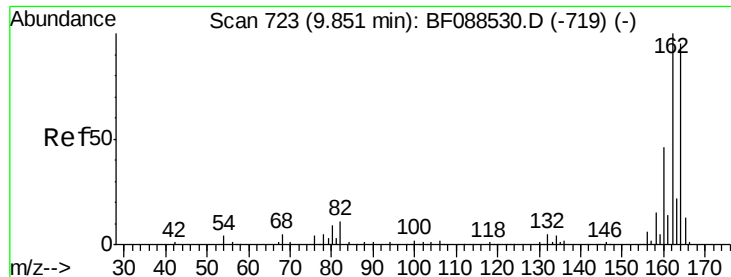
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF088715.D

Acq: 5 Jul 2016 21:10

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

Tot Ion:164 Resp: 200513

Ion Ratio Lower Upper

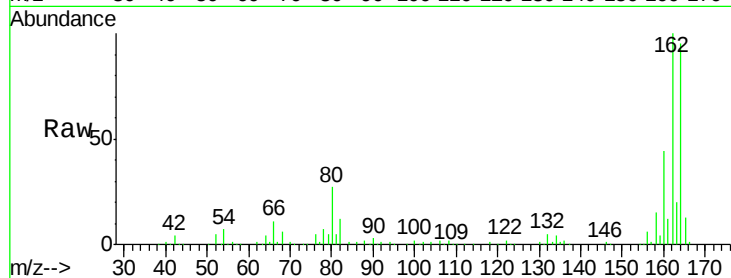
164 100

162 105.7 85.4 128.2

160 46.4 39.5 59.3

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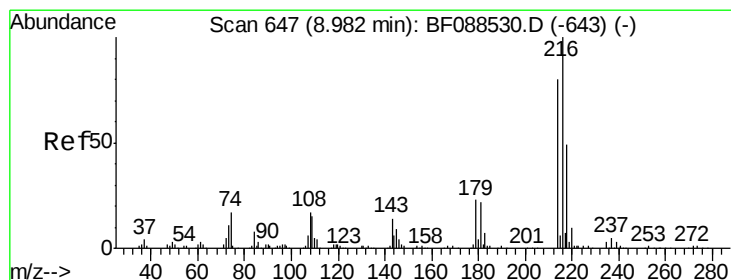
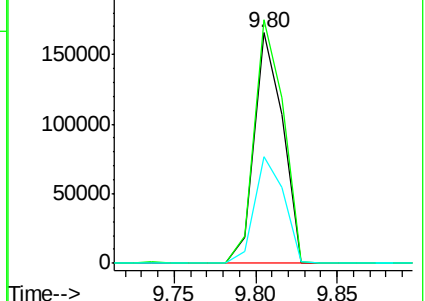
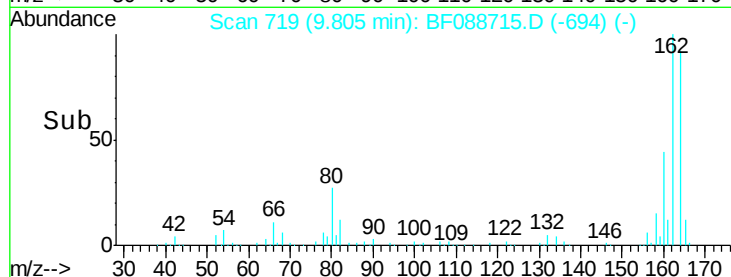
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 18.40 ng

RT: 8.94 min Scan# 643

Delta R.T. -0.01 min

Lab File: BF088715.D

Acq: 5 Jul 2016 21:10

Tgt Ion:216 Resp: 122689

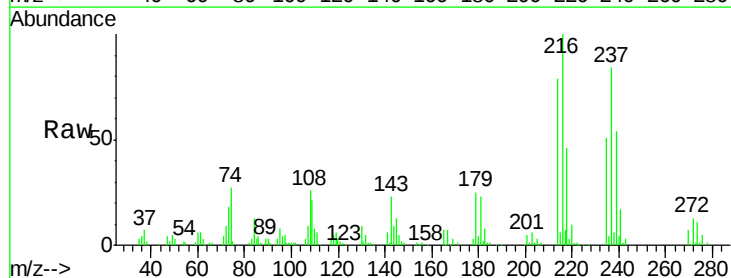
Ion Ratio Lower Upper

216 100

214 78.5 2.9 4.3#

179 23.3 0.0 0.0#

108 27.3 0.5 0.7#

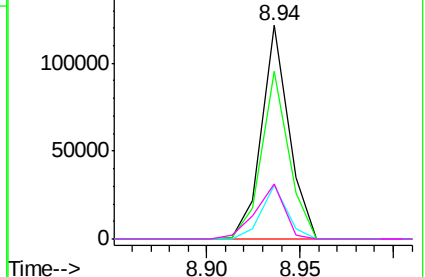
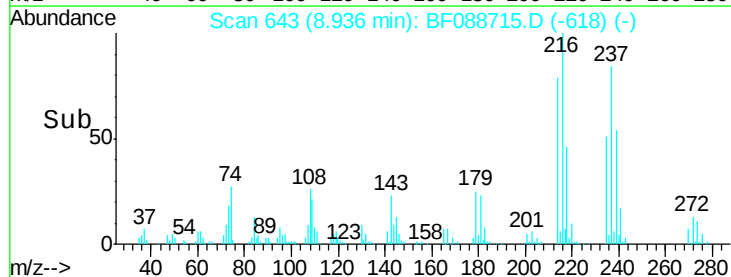


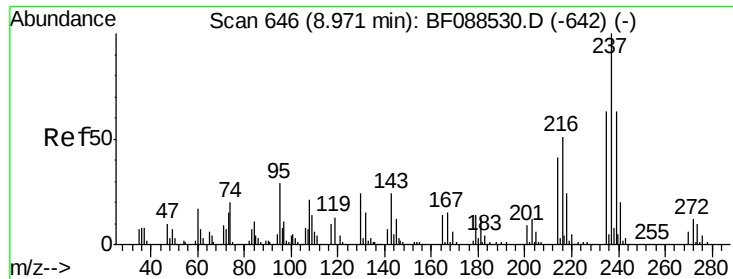
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



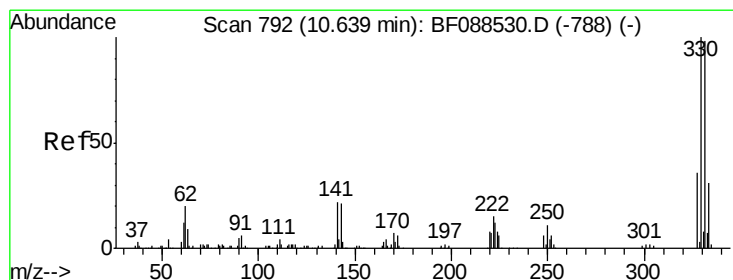
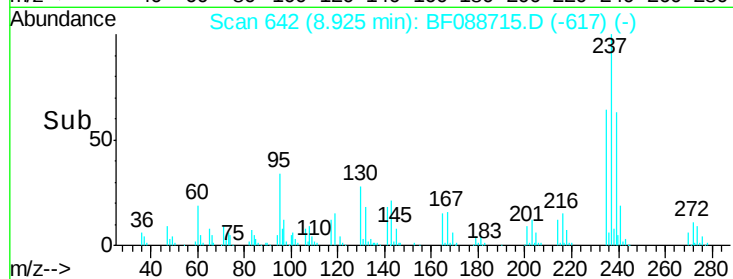
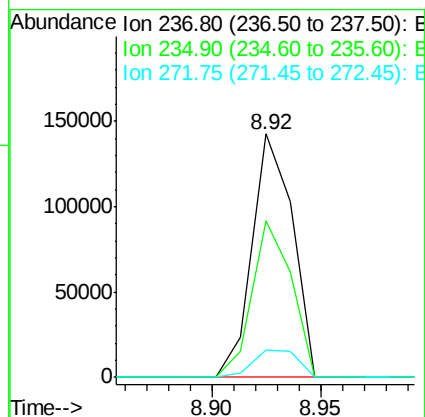
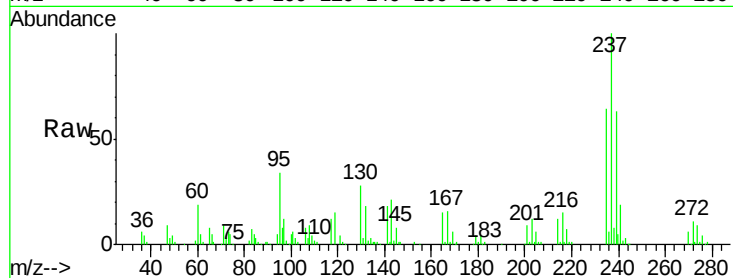


#40
Hexachlorocyclopentadiene
Concen: 56.25 ng
RT: 8.92 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF088715.D
Acq: 5 Jul 2016 21:10

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

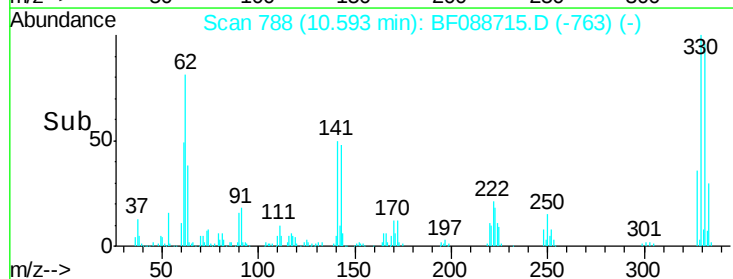
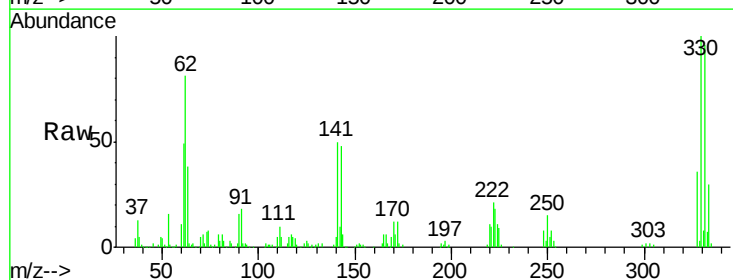
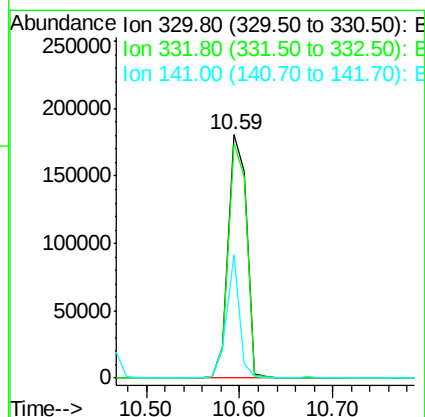
Tot Ion	Ratio	Lower	Upper
237	100		
235	64.1	43.4	83.4
272	11.5	0.0	32.3

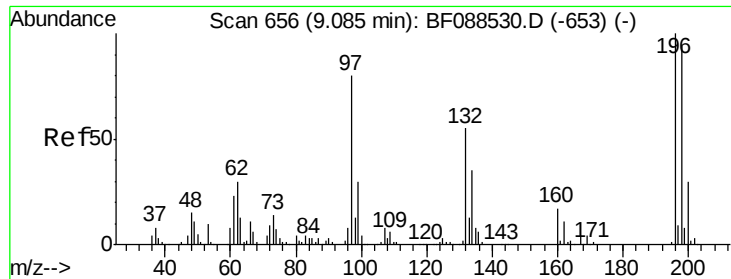
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#41
2,4,6-Tribromophenol
Concen: 134.58 ng
RT: 10.59 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF088715.D
Acq: 5 Jul 2016 21:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	35.1	0.0	0.0#



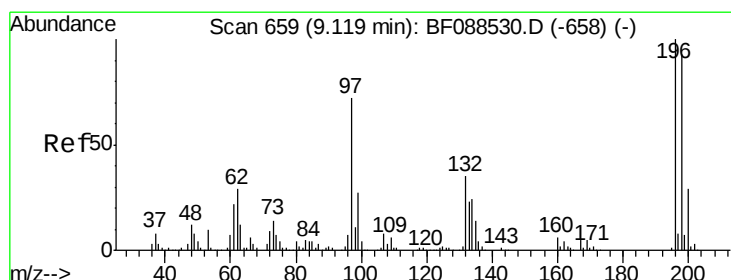
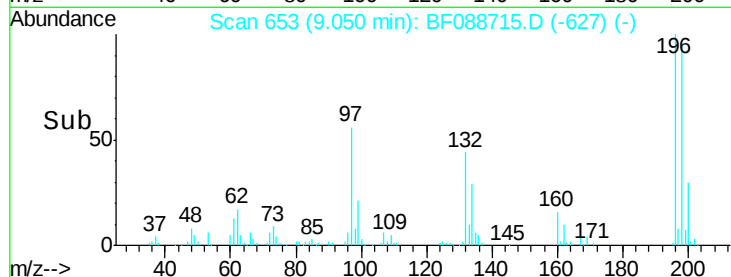
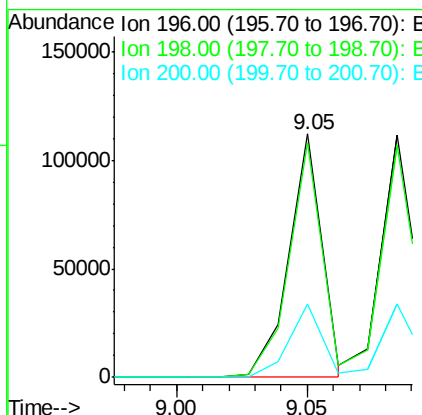
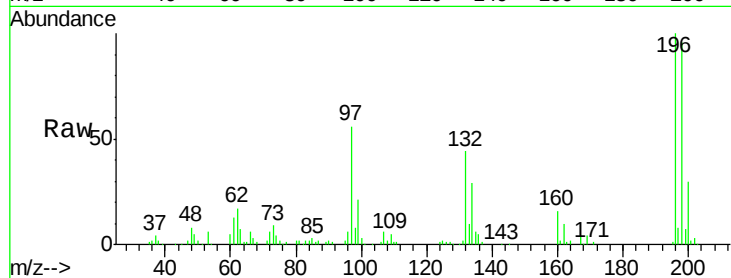


#42
 2,4,6-Trichlorophenol
 Concen: 22.34 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF088715.D
 Acq: 5 Jul 2016 21:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMSD

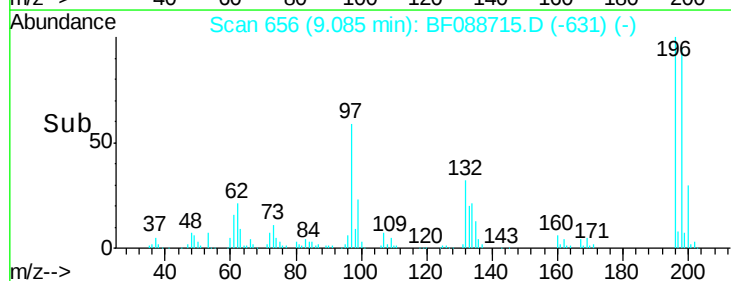
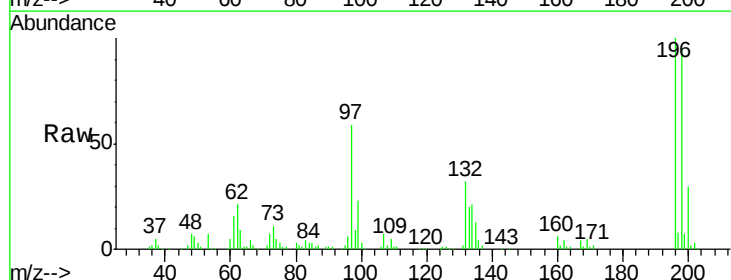
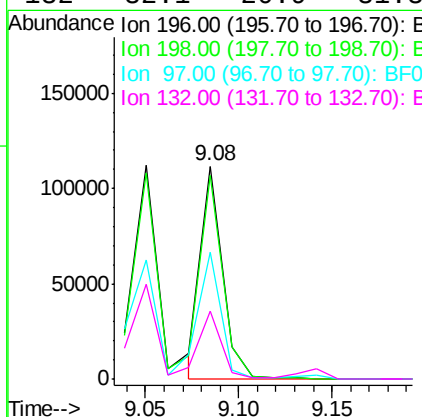
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.5	78.0	117.0
200	30.2	25.4	38.2

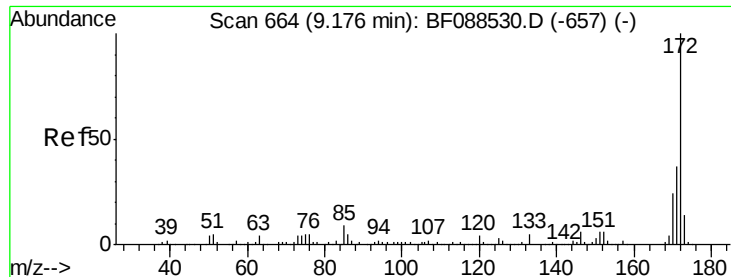
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#43
 2,4,5-Trichlorophenol
 Concen: 23.71 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088715.D
 Acq: 5 Jul 2016 21:10

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	77.5	116.3
97	59.3	32.0	48.0#
132	32.1	20.9	31.3#



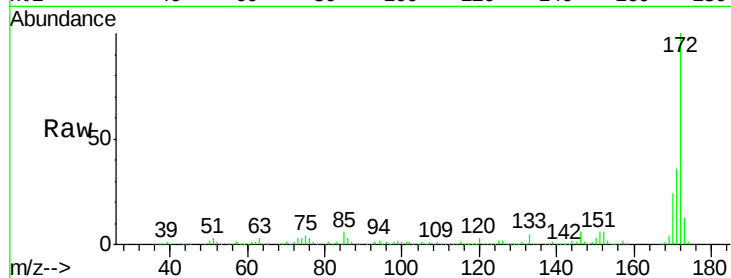


#44
2-Fluorobiphenyl
Concen: 96.51 ng
RT: 9.14 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF088715.D
Acq: 5 Jul 2016 21:10

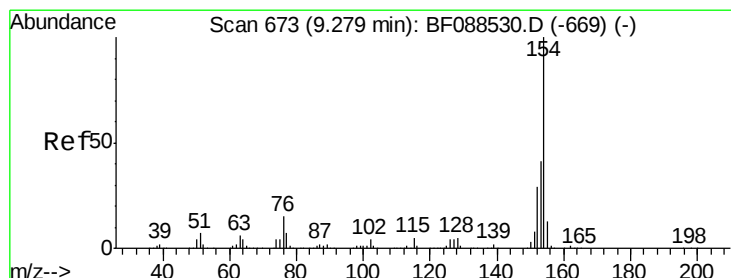
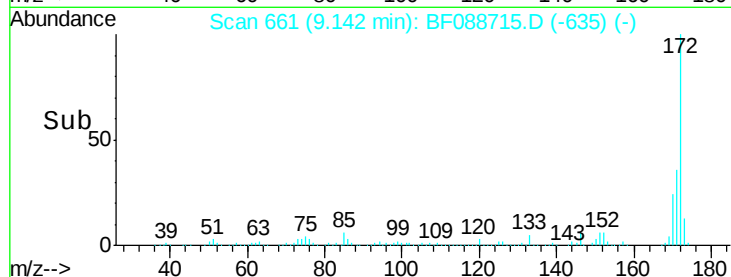
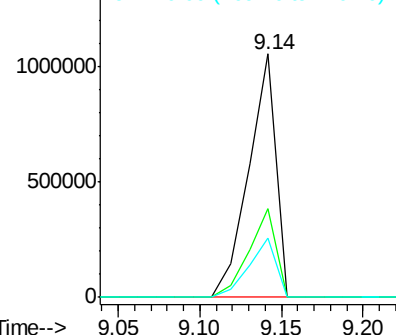
Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

Tot Ion:172 Resp: 1225119
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 24.4 19.2 28.8

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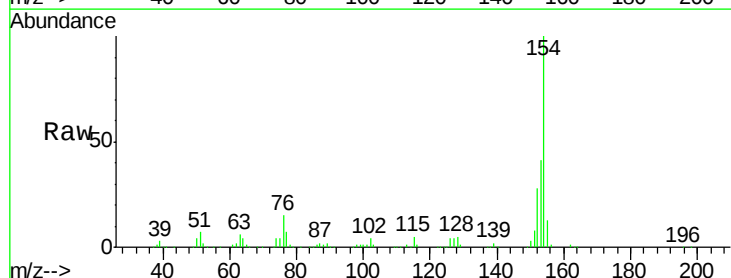


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

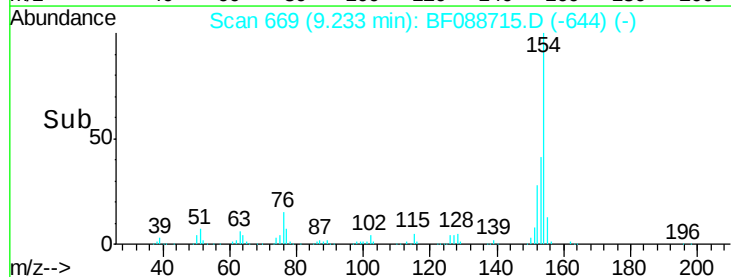
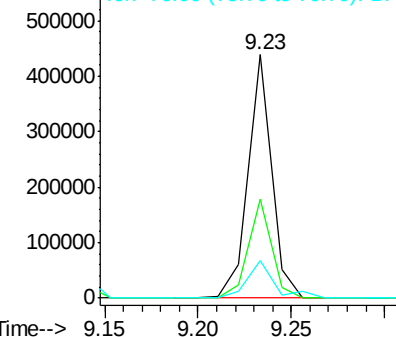


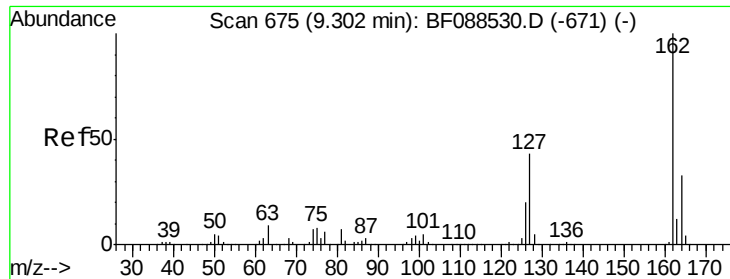
#45
1,1'-Biphenyl
Concen: 22.85 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF088715.D
Acq: 5 Jul 2016 21:10

Tgt Ion:154 Resp: 379472
Ion Ratio Lower Upper
154 100
153 40.7 20.6 60.6
76 15.2 0.0 35.1



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



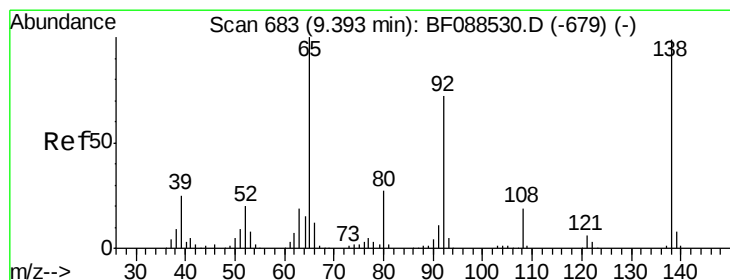
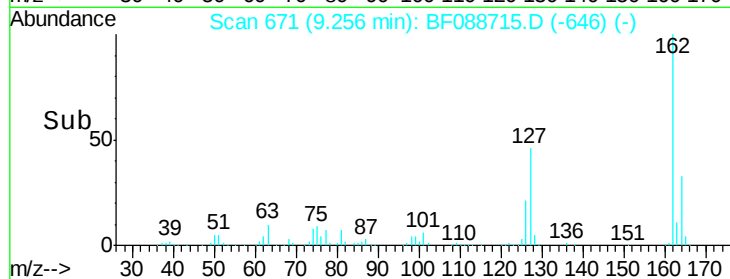
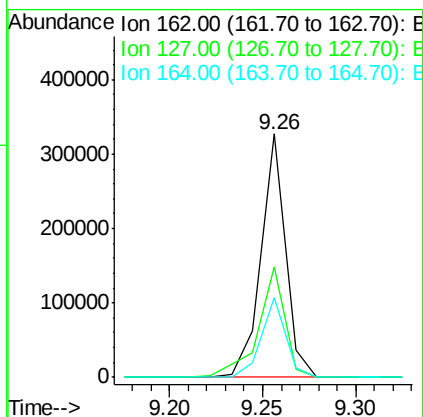
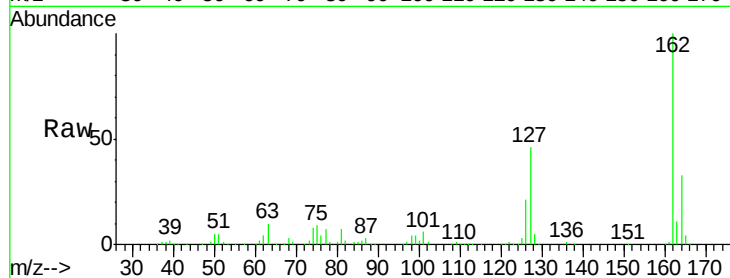


#46
2-Chloronaphthalene
Concen: 22.67 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF088715.D
Acq: 5 Jul 2016 21:10

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

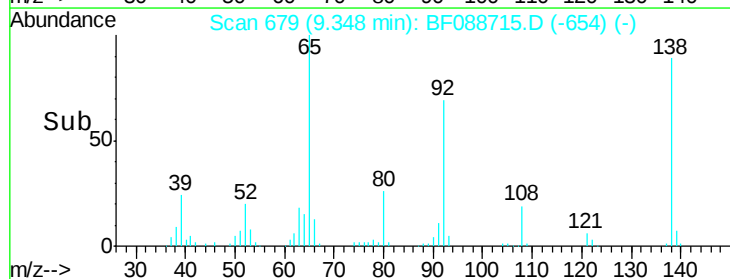
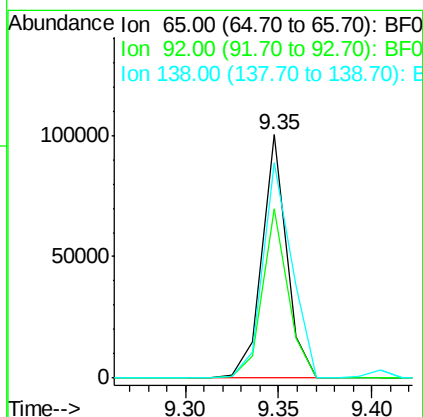
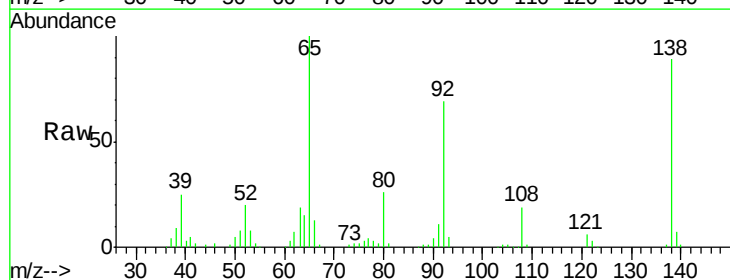
Tot Ion	Ratio	Lower	Upper
162	100		
127	45.6	35.2	52.8
164	32.6	26.6	39.8

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#47
2-Nitroaniline
Concen: 19.76 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF088715.D
Acq: 5 Jul 2016 21:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.3	54.6	82.0
138	88.7	77.0	115.4





#48

Acenaphthylene

Concen: 22.37 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF088715.D

Acq: 5 Jul 2016 21:10

Instrument :

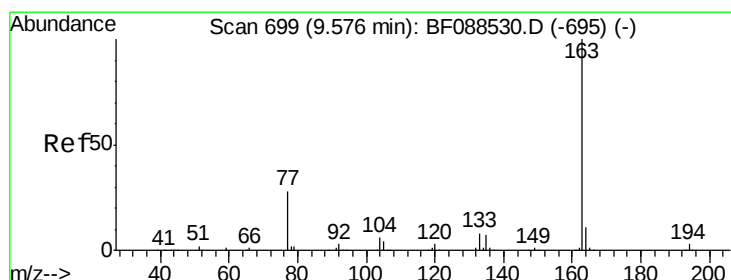
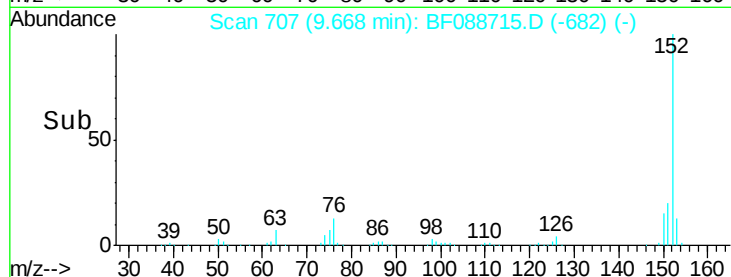
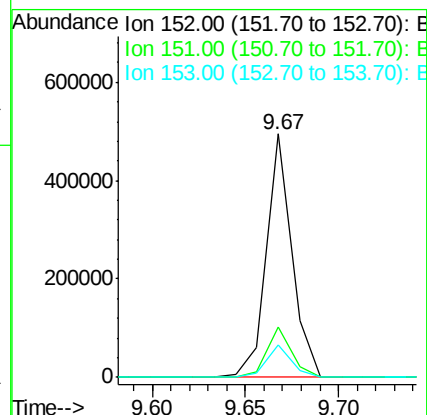
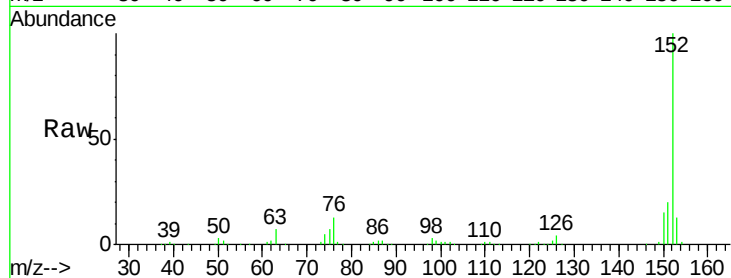
BNA_F

ClientSampleId :

SB-13-COMPMSD

Tot Ion:	152	Resp:	463888
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4
153	13.4	11.0	16.6

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#49

Dimethylphthalate

Concen: 39.68 ng

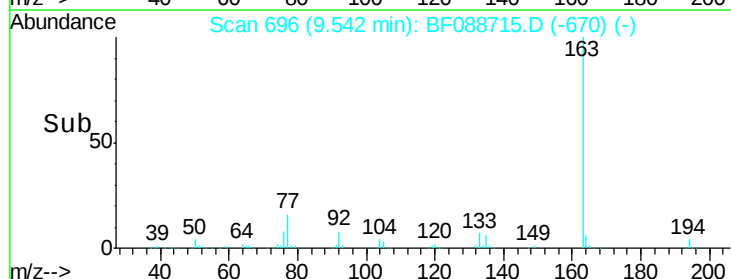
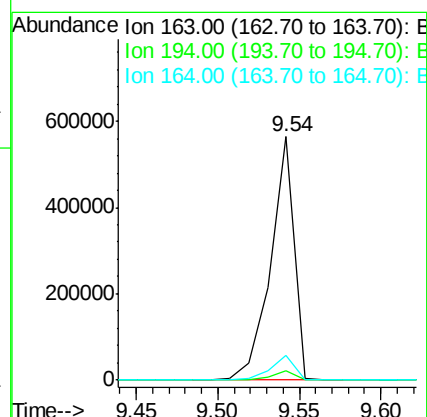
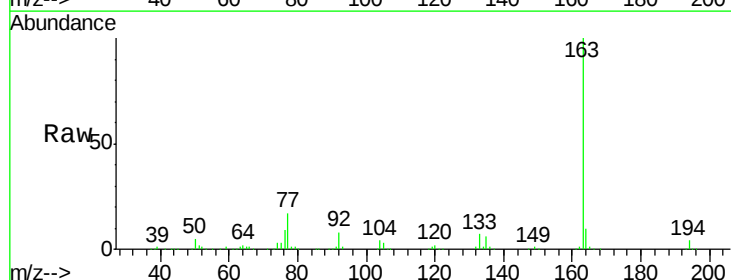
RT: 9.54 min Scan# 696

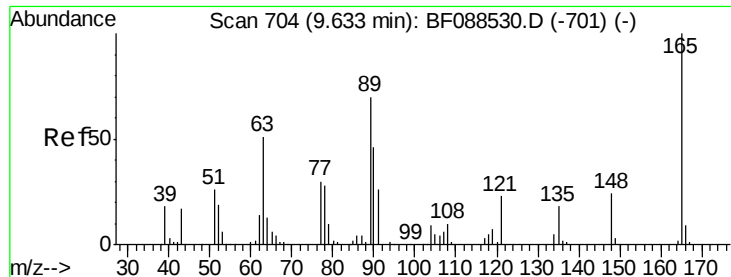
Delta R.T. 0.00 min

Lab File: BF088715.D

Acq: 5 Jul 2016 21:10

Tgt Ion:	163	Resp:	566879
Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	9.9	8.3	12.5



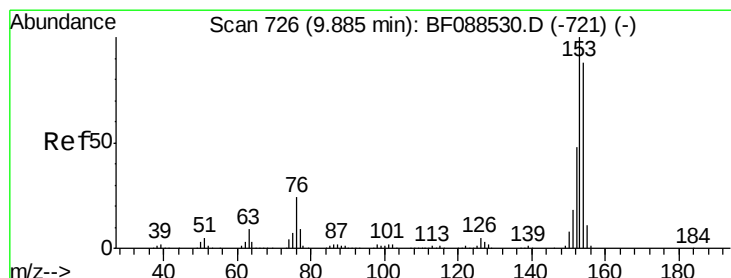
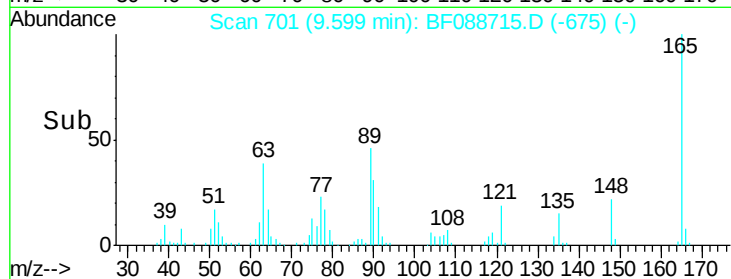
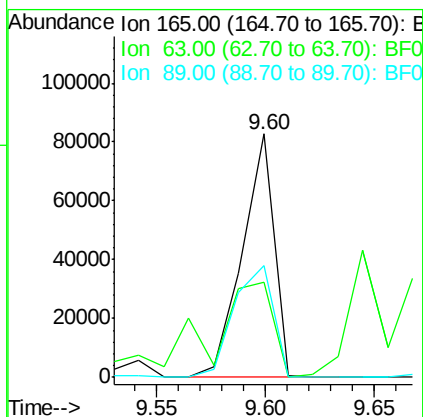
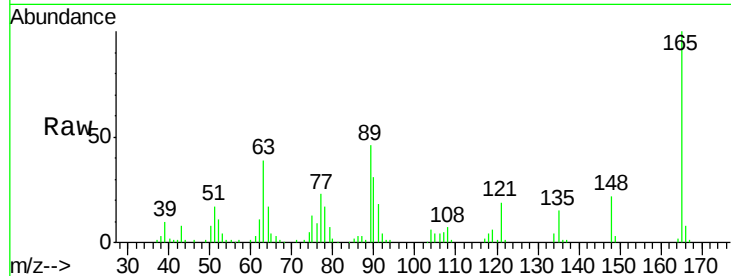


#50
2,6-Dinitrotoluene
Concen: 26.51 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF088715.D
Acq: 5 Jul 2016 21:10

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

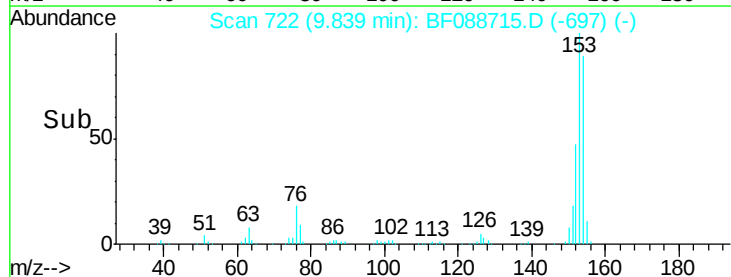
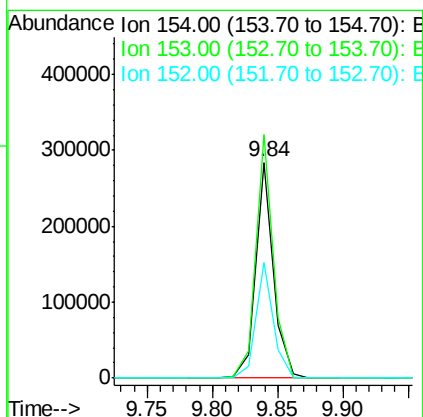
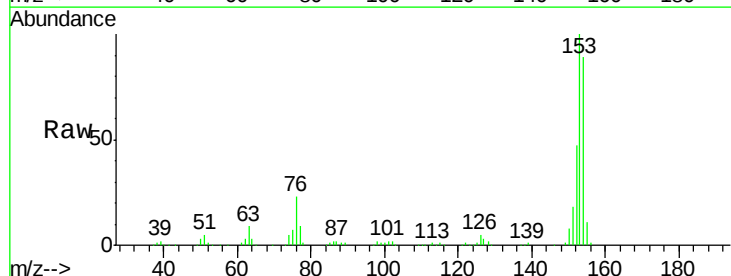
Tot Ion	Ratio	Lower	Upper
165	100		
63	38.9	28.1	42.1
89	46.0	32.2	48.2

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#51
Acenaphthene
Concen: 21.29 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF088715.D
Acq: 5 Jul 2016 21:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.7	89.5	134.3
152	53.5	42.7	64.1





#52

3-Nitroaniline

Concen: 18.88 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF088715.D

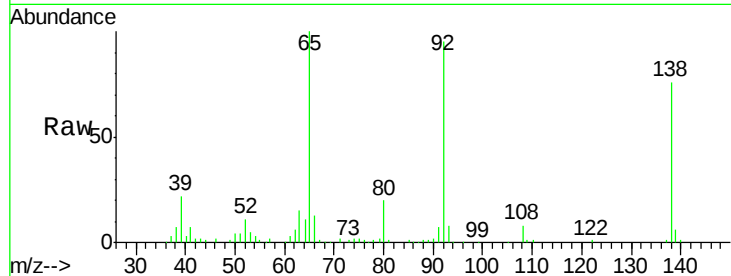
Acq: 5 Jul 2016 21:10

Instrument :

BNA_F

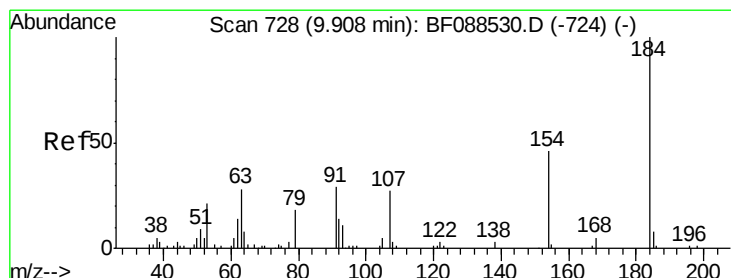
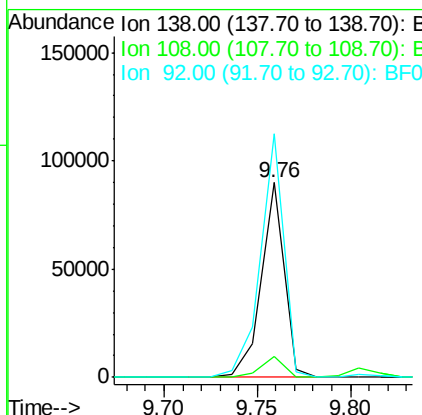
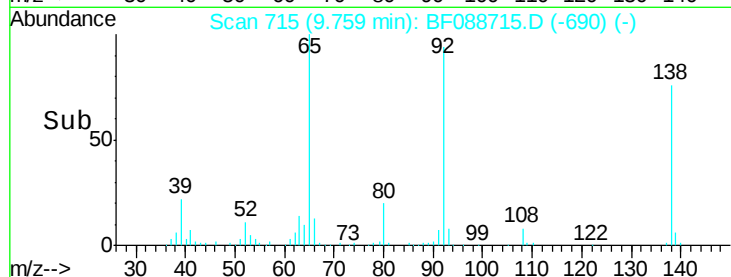
ClientSampleId :

SB-13-COMPMSD



Tot Ion:138	Resp:	75992
Ion	Ratio	Lower Upper
138	100	
108	11.0	8.5 12.7
92	124.9	95.7 143.5

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#53

2,4-Dinitrophenol

Concen: 4.40 ng

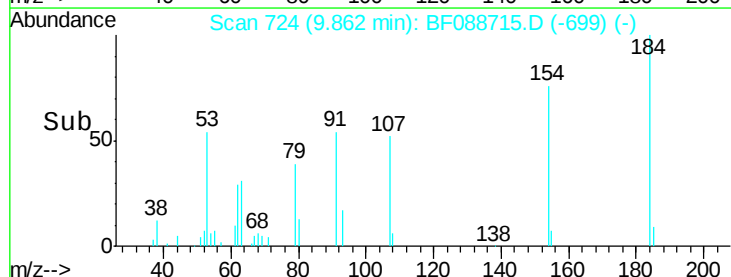
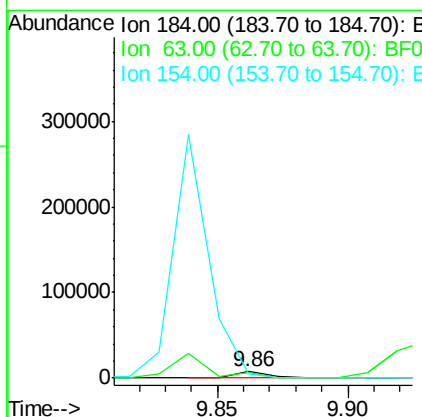
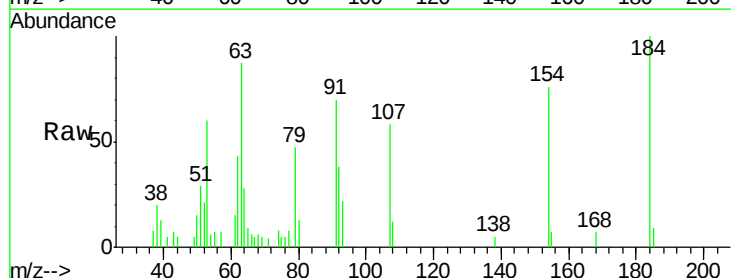
RT: 9.86 min Scan# 724

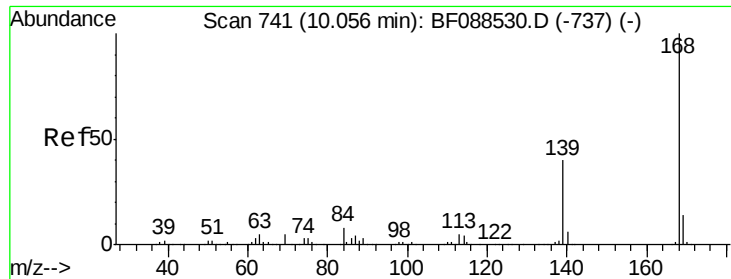
Delta R.T. -0.01 min

Lab File: BF088715.D

Acq: 5 Jul 2016 21:10

Tgt Ion:184	Resp:	6151
Ion	Ratio	Lower Upper
184	100	
63	86.5	57.6 86.4#
154	76.4	53.5 80.3





#54

Dibenzofuran

Concen: 24.69 ng

RT: 10.01 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF088715.D

Acq: 5 Jul 2016 21:10

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

Tot Ion:168 Resp: 410834

Ion Ratio Lower Upper

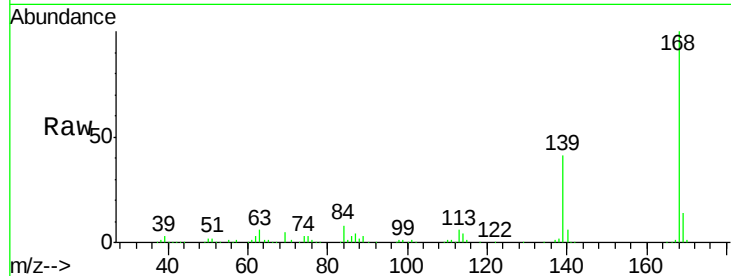
168 100

139 41.4 26.4 39.6#

169 13.5 10.4 15.6

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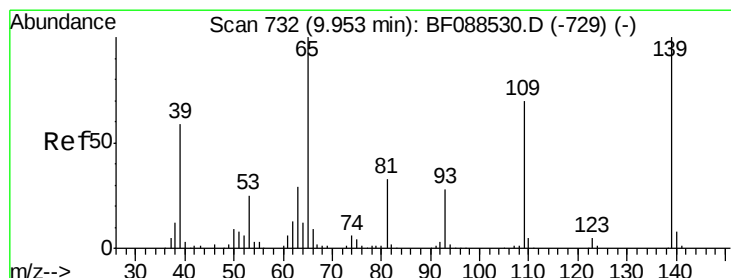
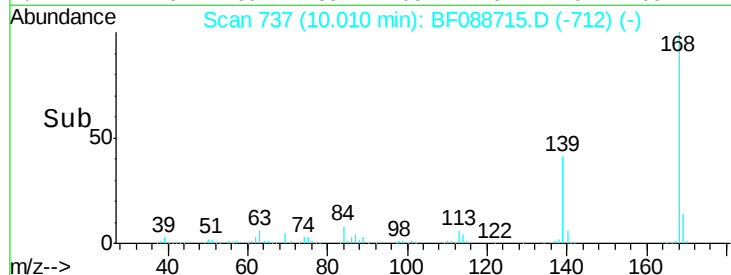
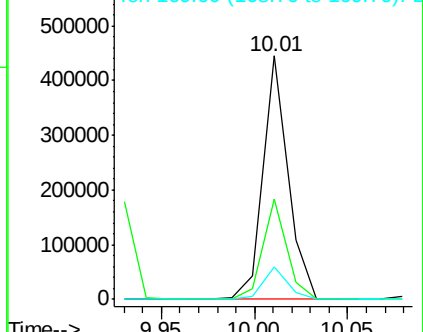
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 66.72 ng

RT: 9.93 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF088715.D

Acq: 5 Jul 2016 21:10

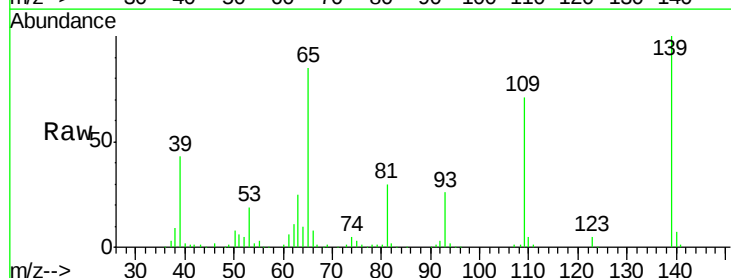
Tgt Ion:139 Resp: 204079

Ion Ratio Lower Upper

139 100

109 71.4 48.9 88.9

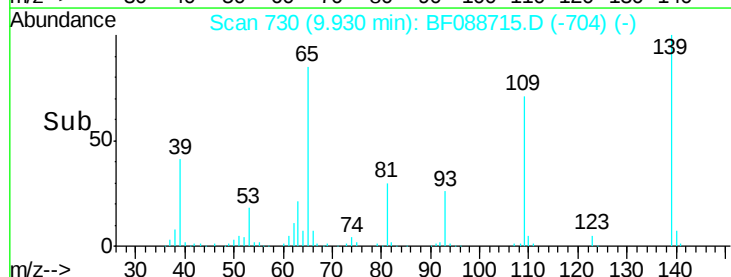
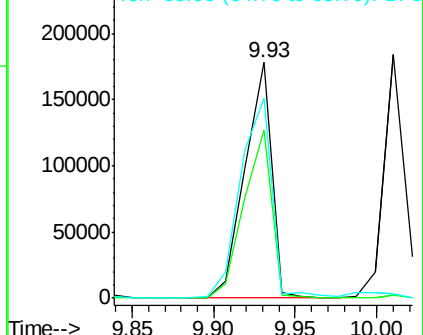
65 85.0 84.9 124.9

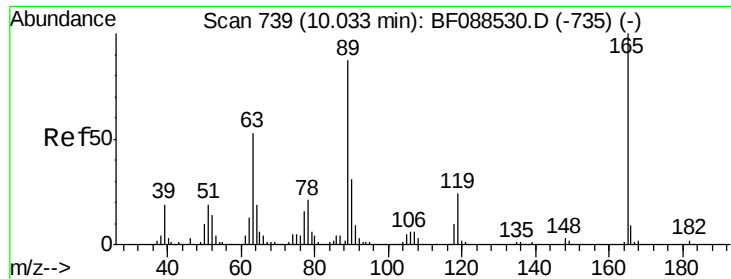


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 27.17 ng

RT: 10.00 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF088715.D

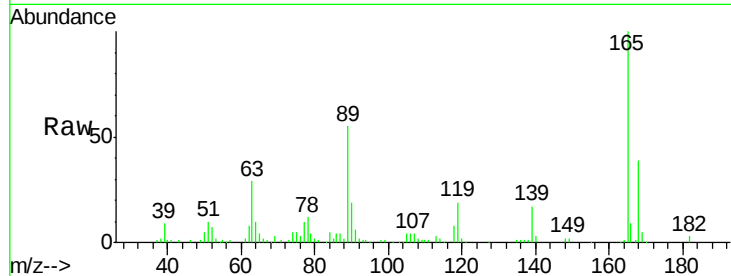
Acq: 5 Jul 2016 21:10

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD



Tot Ion:165 Resp: 112465

Ion Ratio Lower Upper

165 100

63 29.3 22.0 33.0

89 55.1 41.1 61.7

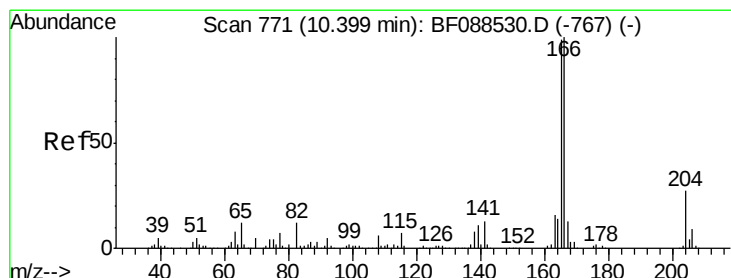
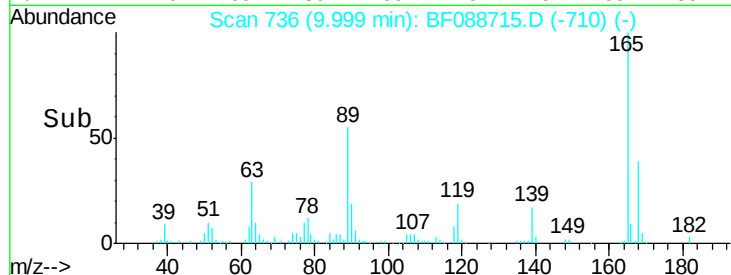
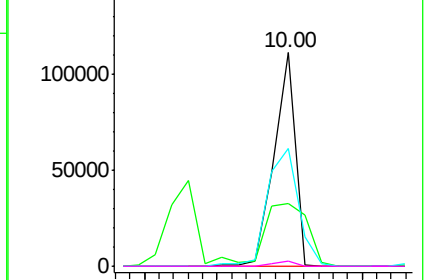
182 2.7 2.0 3.0

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: 24.72 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF088715.D

Acq: 5 Jul 2016 21:10

Tgt Ion:166 Resp: 317020

Ion Ratio Lower Upper

166 100

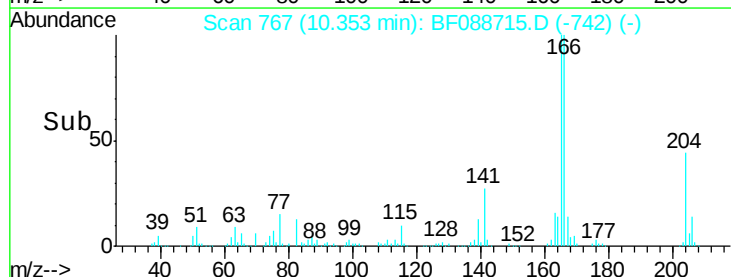
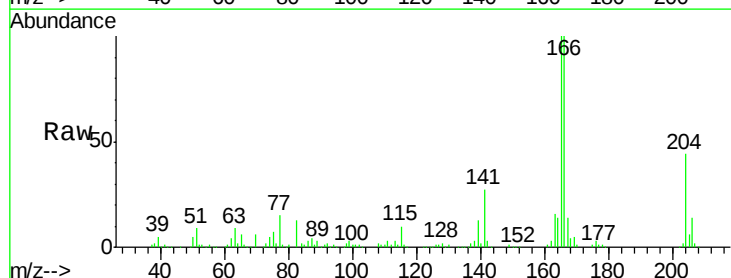
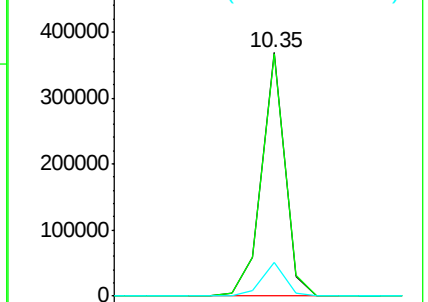
165 99.6 77.8 116.8

167 13.6 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



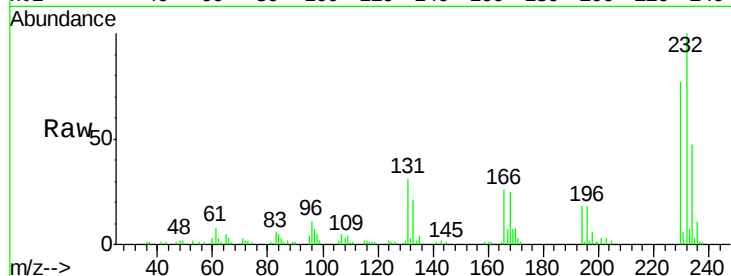


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 23.32 ng
 RT: 10.14 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF088715.D
 Acq: 5 Jul 2016 21:10

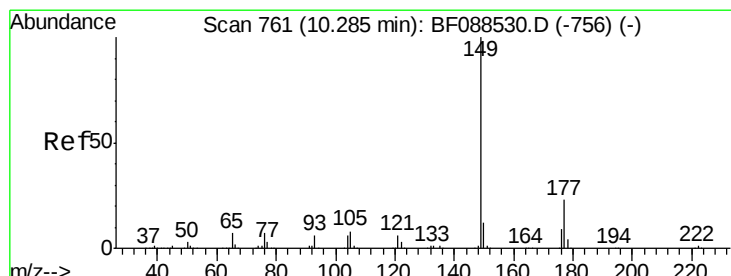
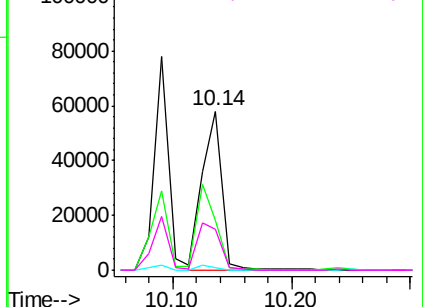
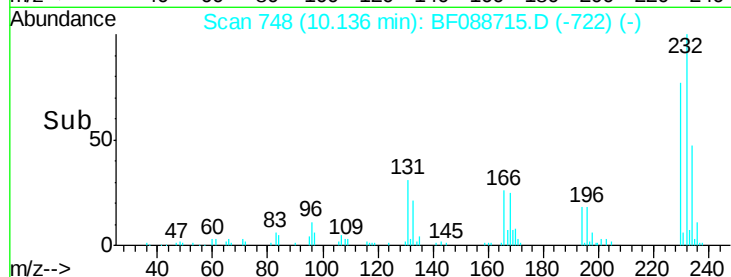
Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	51.5	0.9	1.3#
130	2.7	1.5	2.3#
166	33.6	0.5	0.7#

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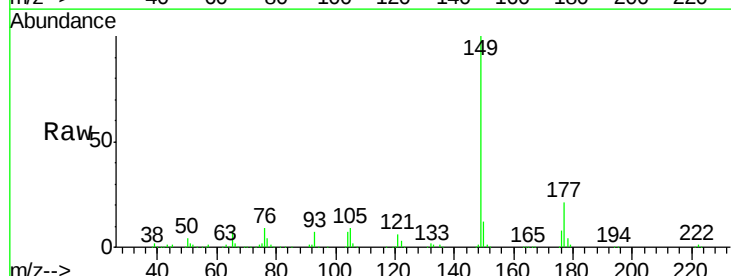


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

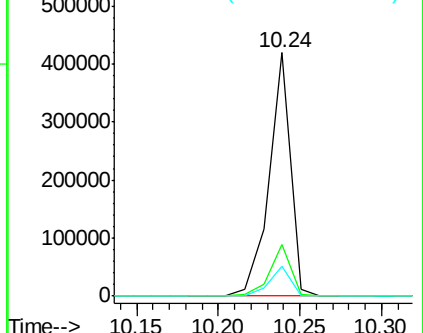
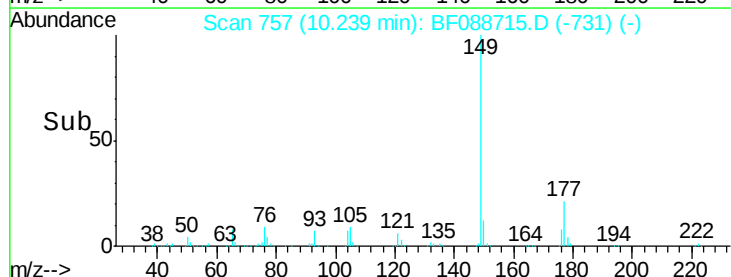


#59
 Diethylphthalate
 Concen: 26.71 ng
 RT: 10.24 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF088715.D
 Acq: 5 Jul 2016 21:10

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	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



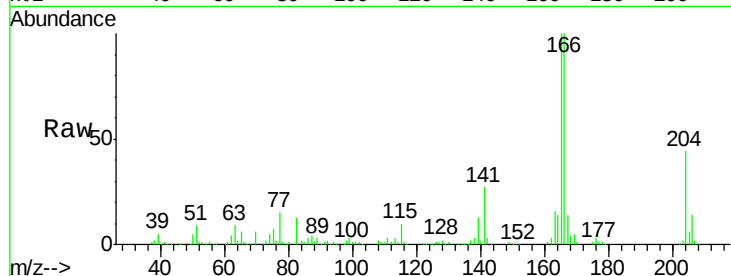


#60
4-Chlorophenyl-phenylether
Concen: 25.34 ng
RT: 10.35 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF088715.D
Acq: 5 Jul 2016 21:10

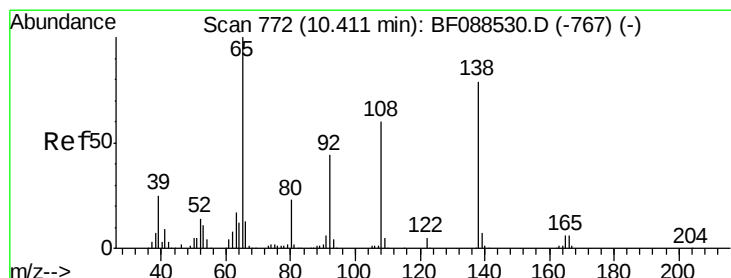
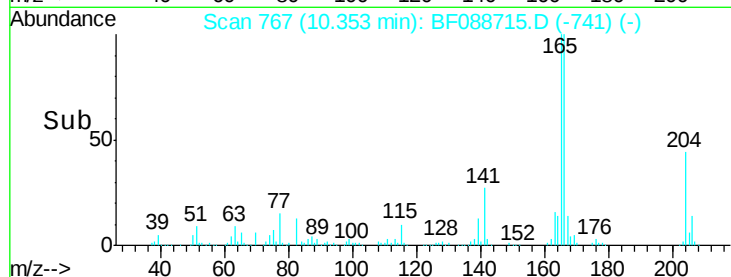
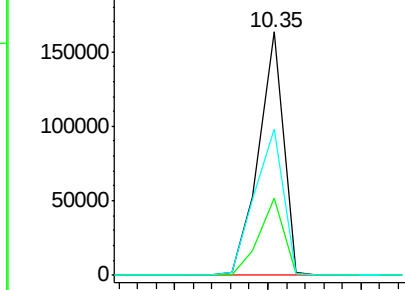
Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.3	39.5
141	60.1	55.0	82.6

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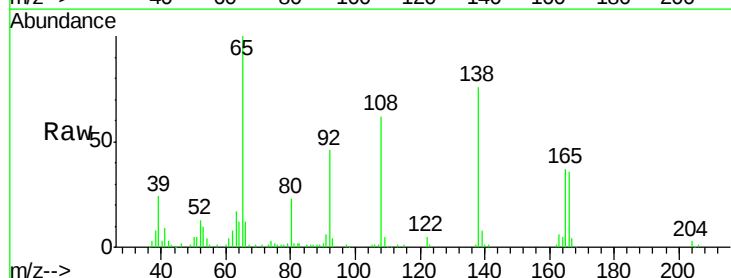


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

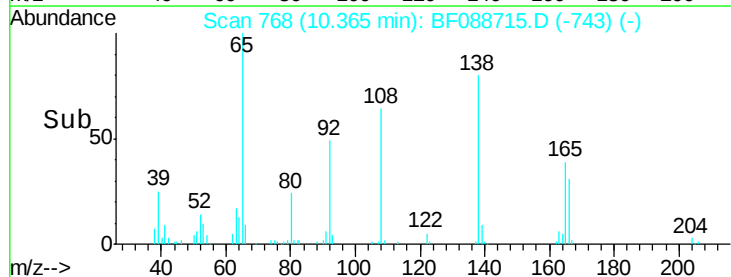
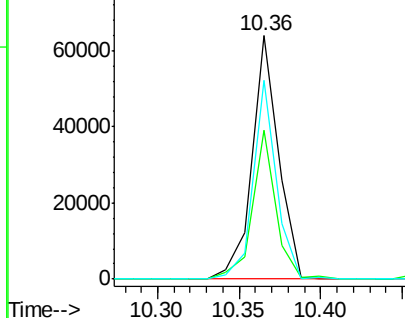


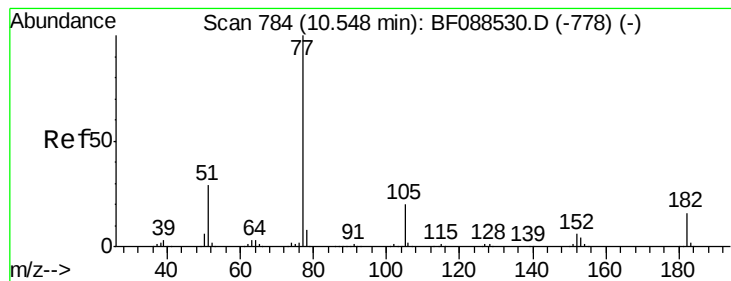
#61
4-Nitroaniline
Concen: 18.61 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF088715.D
Acq: 5 Jul 2016 21:10

Tgt Ion	Ratio	Lower	Upper
138	100		
92	61.0	27.3	67.3
108	81.7	46.7	86.7



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





#62

Azobenzene

Concen: 25.50 ng

RT: 10.51 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF088715.D

Acq: 5 Jul 2016 21:10

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

Tot Ion: 77 Resp: 417073

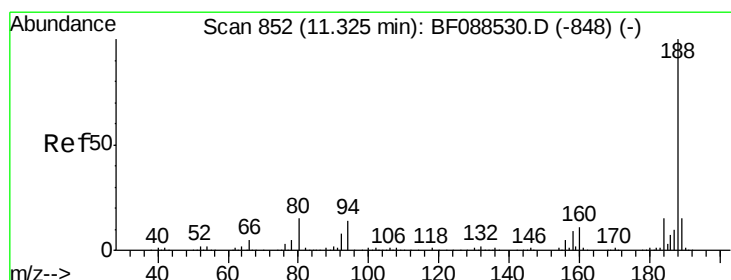
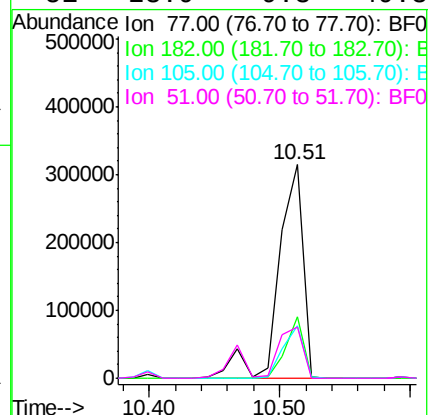
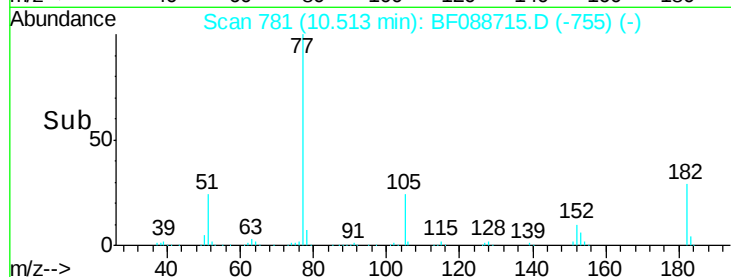
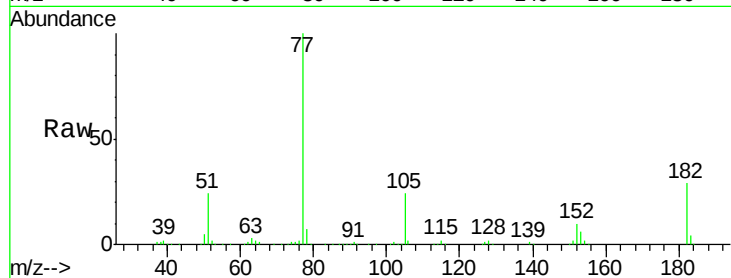
Ion Ratio Lower Upper

77 100

182 28.9 4.4 44.4

105 24.3 3.8 43.8

51 23.9 9.3 49.3



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF088715.D

Acq: 5 Jul 2016 21:10

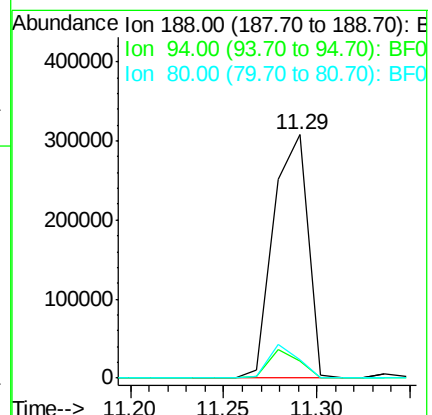
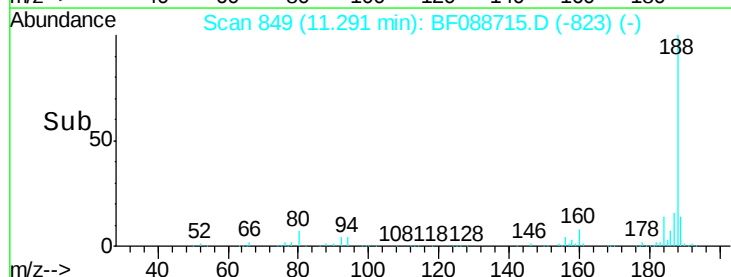
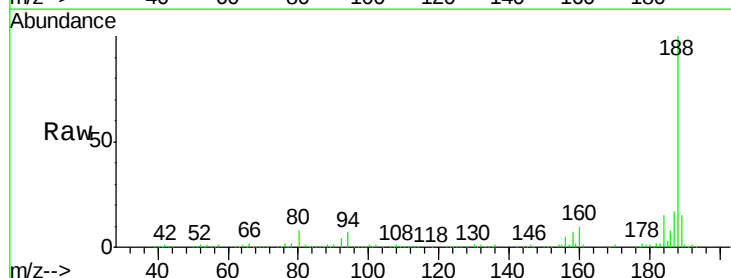
Tgt Ion: 188 Resp: 394059

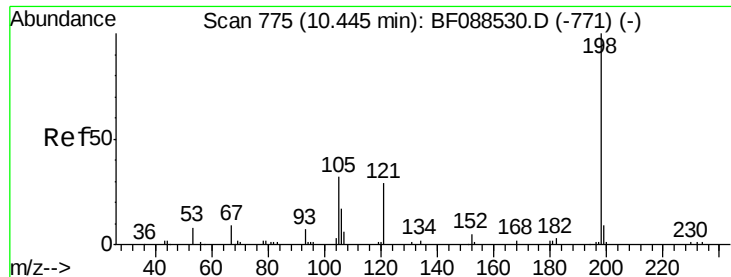
Ion Ratio Lower Upper

188 100

94 7.3 9.0 13.6#

80 7.6 10.0 15.0#





#64

4,6-Dinitro-2-methylphenol

Concen: 7.45 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF088715.D

Acq: 5 Jul 2016 21:10

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

Tot Ion:198 Resp: 15698

Ion Ratio Lower Upper

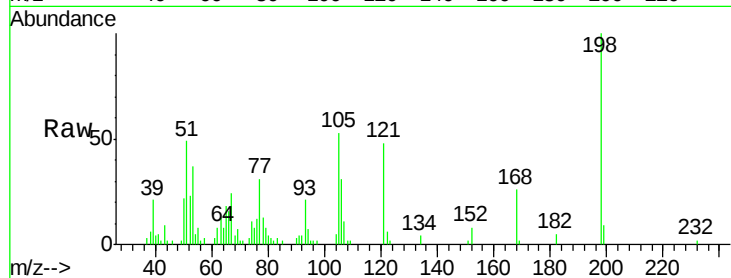
198 100

51 49.3 39.6 79.6

105 53.1 36.6 76.6

sohil

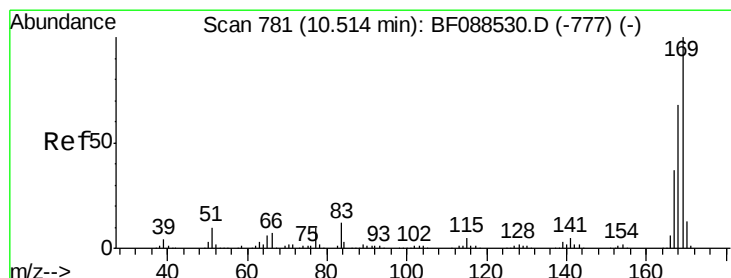
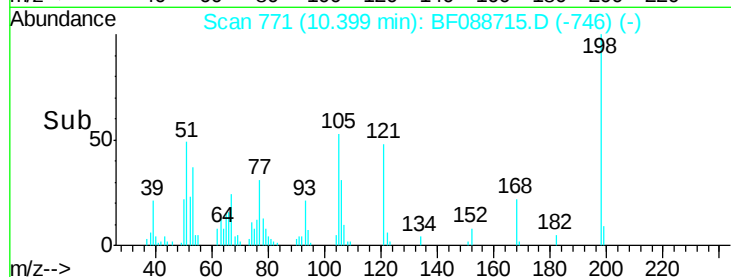
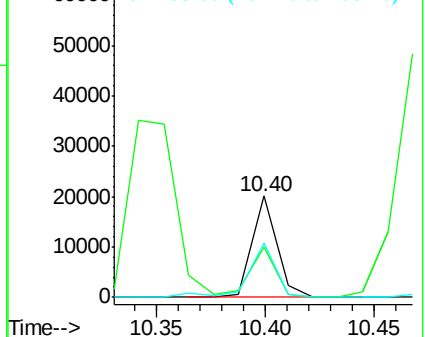
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 21.36 ng

RT: 10.47 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF088715.D

Acq: 5 Jul 2016 21:10

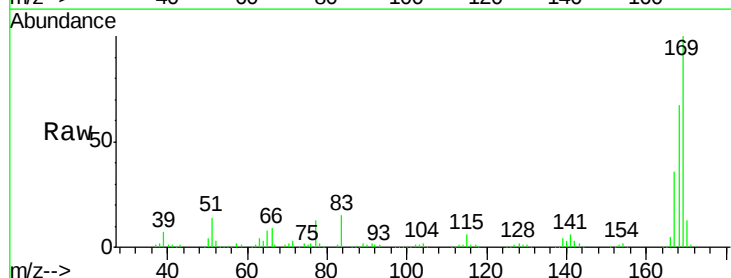
Tgt Ion:169 Resp: 284911

Ion Ratio Lower Upper

169 100

168 67.1 53.4 80.0

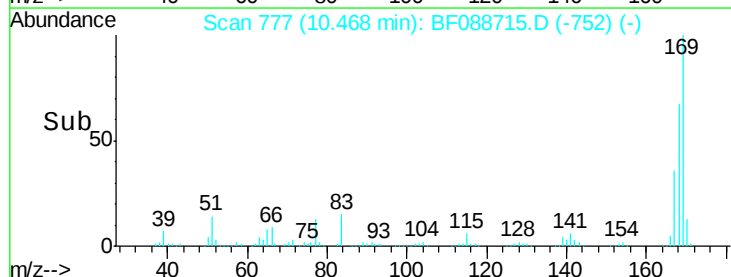
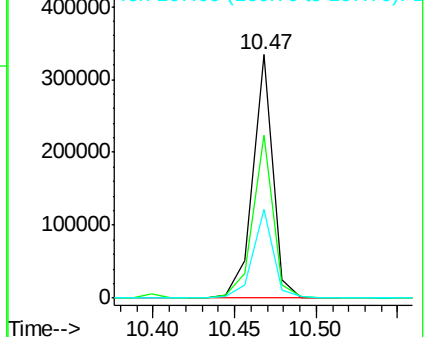
167 36.3 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



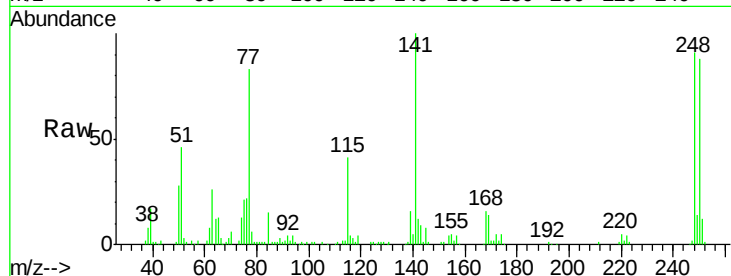


#66
4-Bromophenyl-phenylether
Concen: 22.19 ng
RT: 10.83 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF088715.D
Acq: 5 Jul 2016 21:10

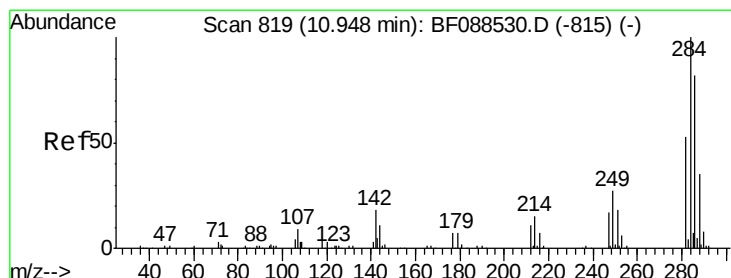
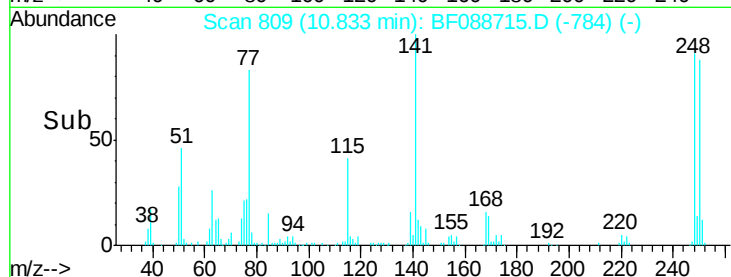
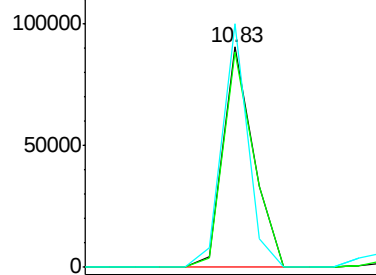
Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

Tot Ion:248 Resp: 88135
Ion Ratio Lower Upper
248 100
250 97.6 77.1 115.7
141 110.4 50.6 76.0#

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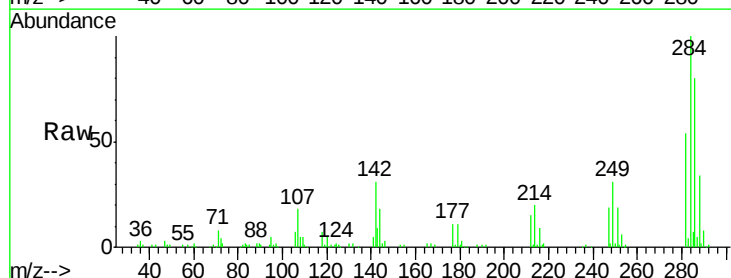


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

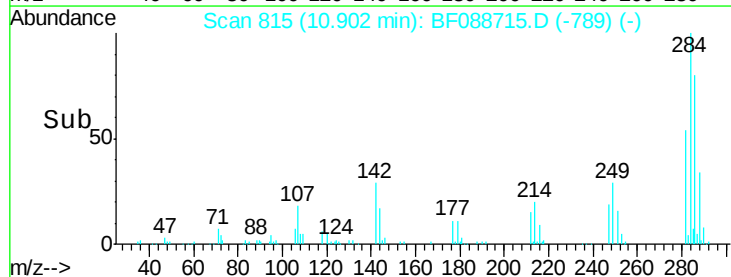
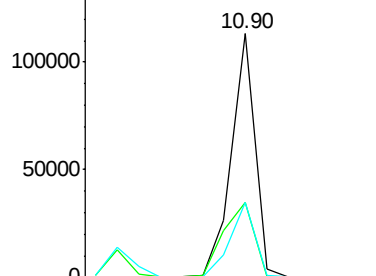


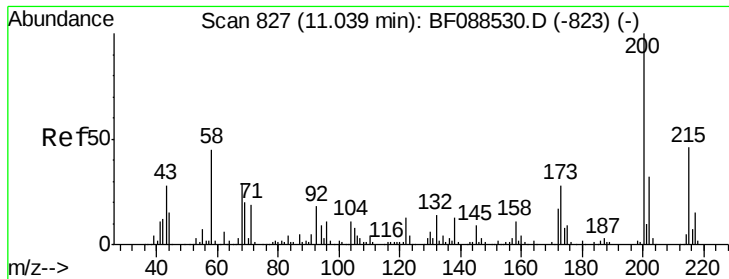
#67
Hexachlorobenzene
Concen: 22.48 ng
RT: 10.90 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF088715.D
Acq: 5 Jul 2016 21:10

Tgt Ion:284 Resp: 98840
Ion Ratio Lower Upper
284 100
142 30.9 35.8 53.8#
249 30.9 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: 19.63 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF088715.D

Acq: 5 Jul 2016 21:10

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

Tot Ion:200 Resp: 81563

Ion Ratio Lower Upper

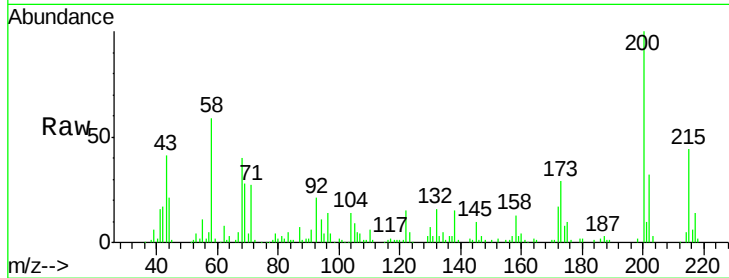
200 100

173 28.8 4.0 44.0

215 44.0 29.3 69.3

sohil

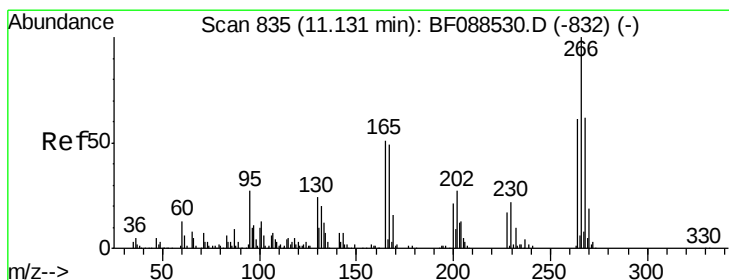
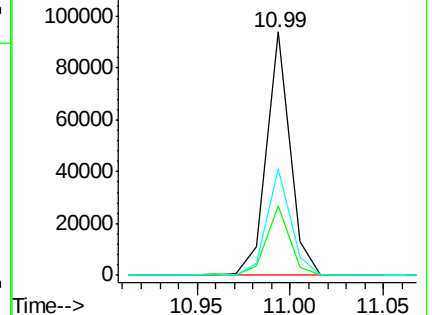
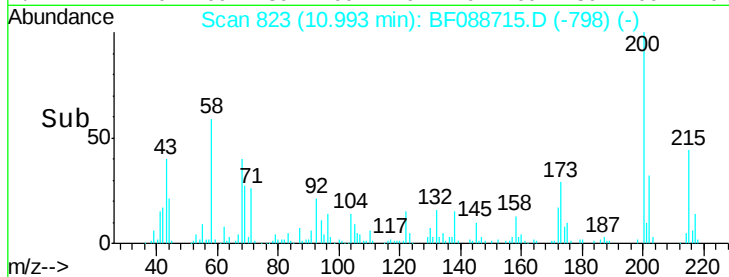
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Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 33.21 ng

RT: 11.10 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF088715.D

Acq: 5 Jul 2016 21:10

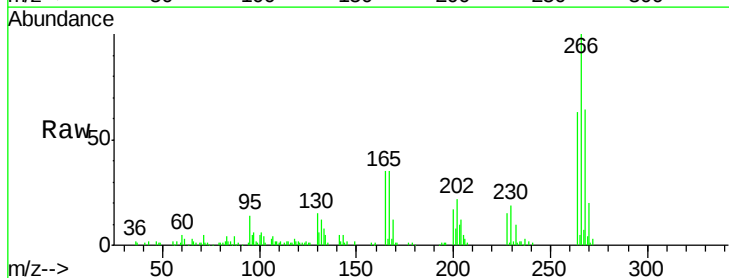
Tgt Ion:266 Resp: 86389

Ion Ratio Lower Upper

266 100

268 63.6 52.8 79.2

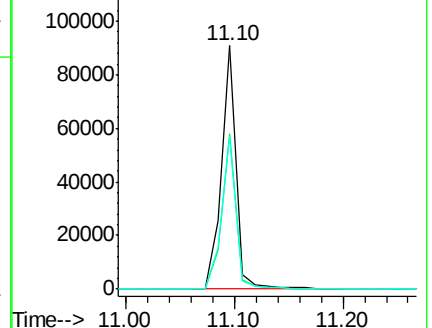
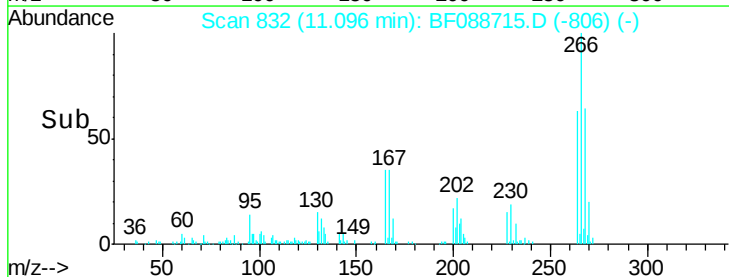
264 62.7 49.6 74.4

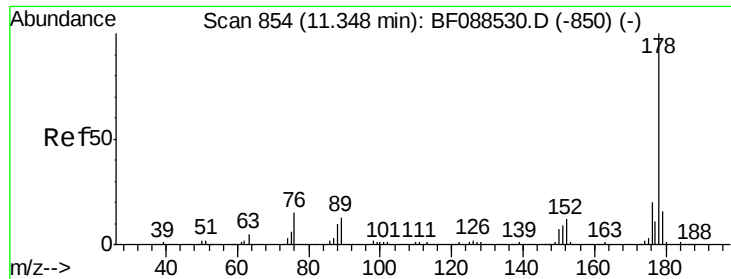


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



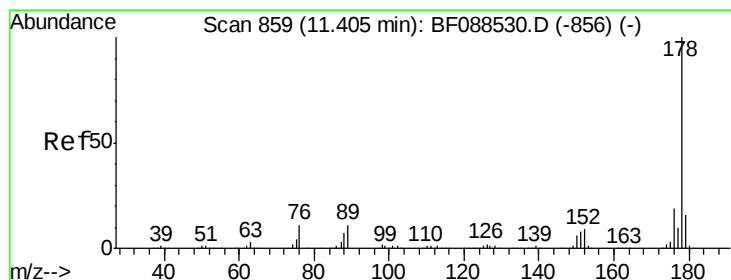
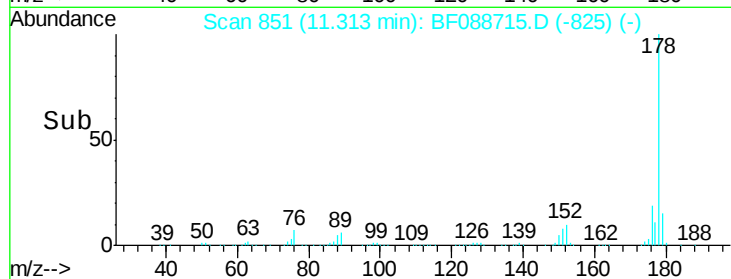
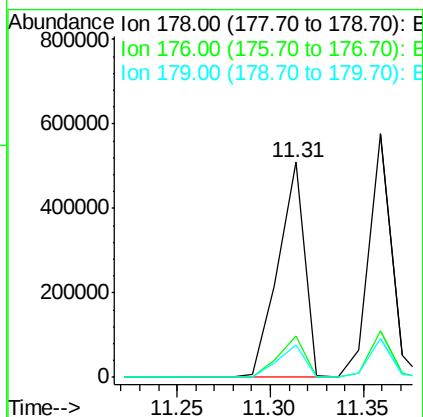
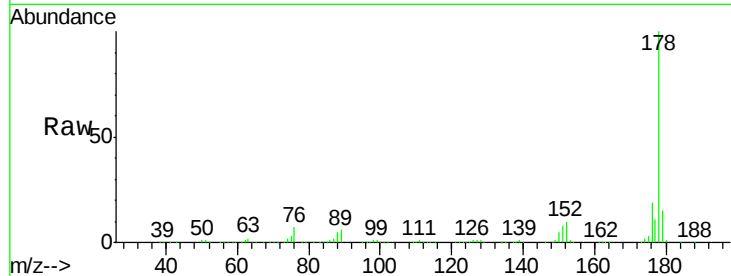


#70
Phenanthrene
Concen: 23.50 ng
RT: 11.31 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF088715.D
Acq: 5 Jul 2016 21:10

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

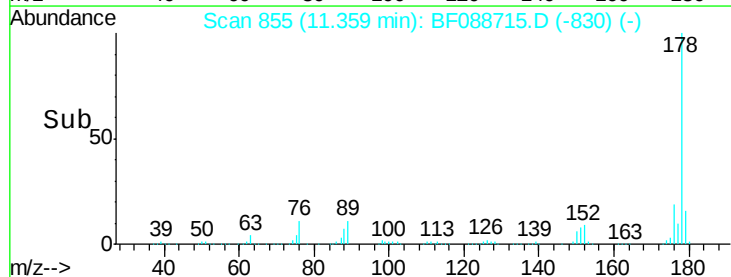
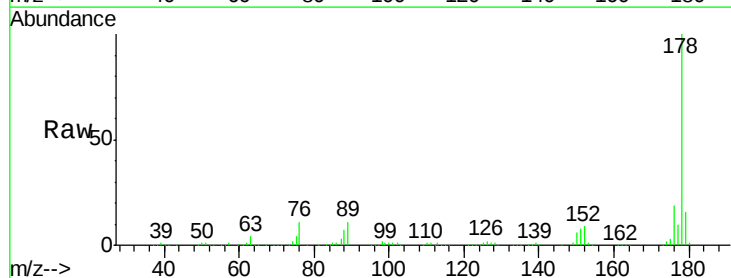
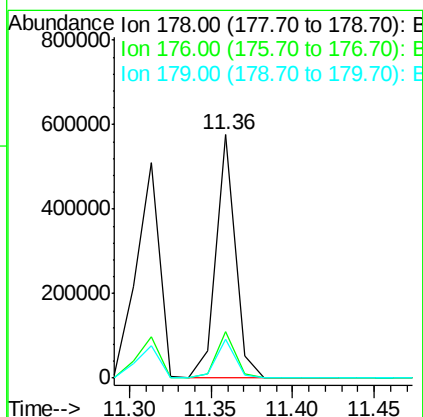
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.6
179	15.1	13.0	19.4

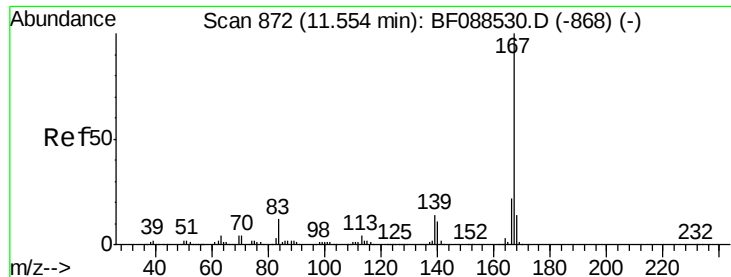
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#71
Anthracene
Concen: 22.25 ng
RT: 11.36 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF088715.D
Acq: 5 Jul 2016 21:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	16.0	12.8	19.2





#72

Carbazole

Concen: 22.72 ng

RT: 11.52 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF088715.D

Acq: 5 Jul 2016 21:10

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

Tot Ion:167 Resp: 458103

Ion Ratio Lower Upper

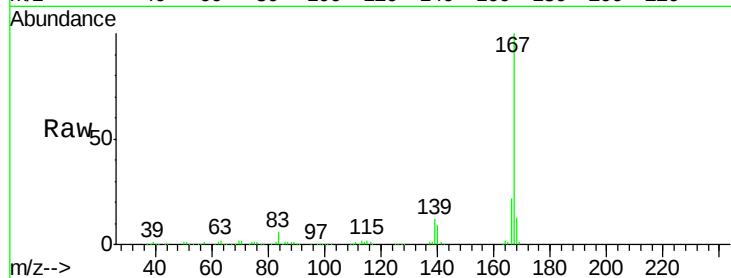
167 100

166 21.6 17.8 26.6

139 11.6 11.2 16.8

sohil

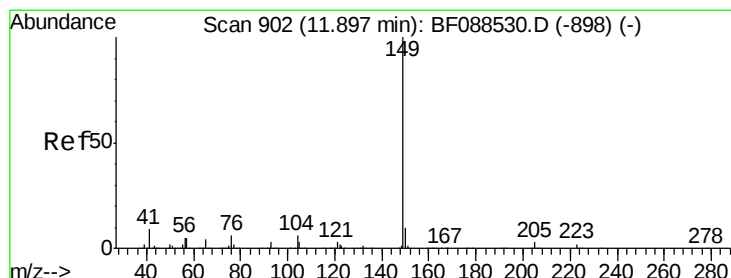
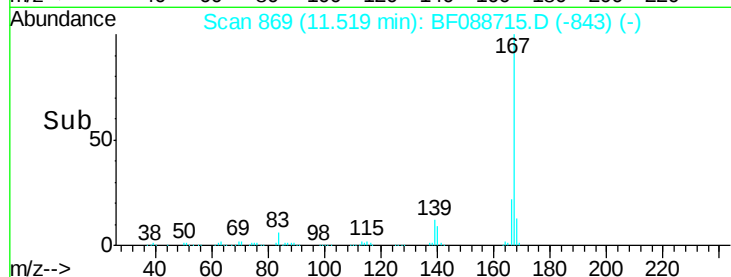
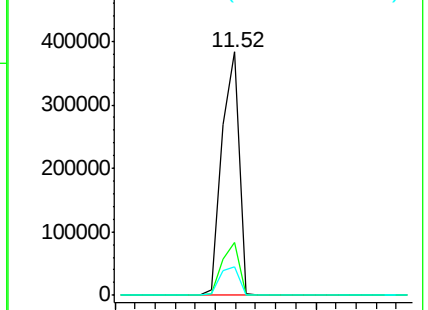
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 22.45 ng

RT: 11.85 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF088715.D

Acq: 5 Jul 2016 21:10

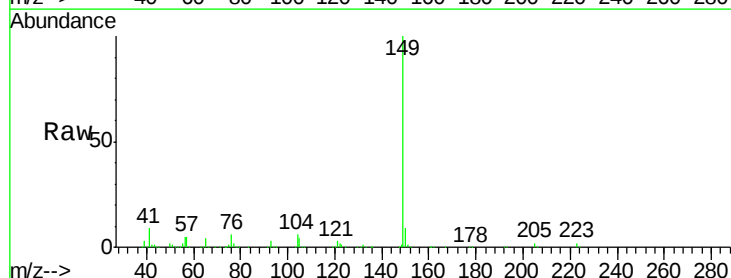
Tgt Ion:149 Resp: 526485

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

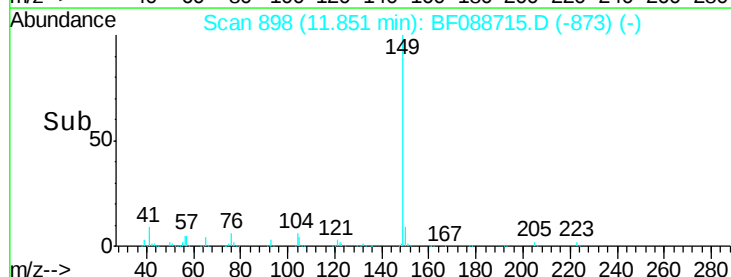
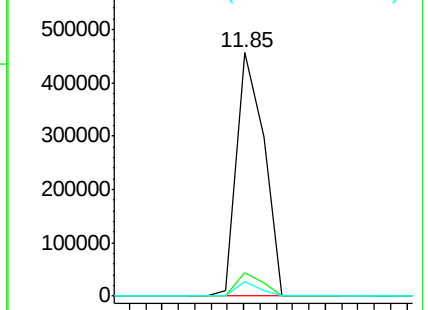
104 5.9 4.0 6.0

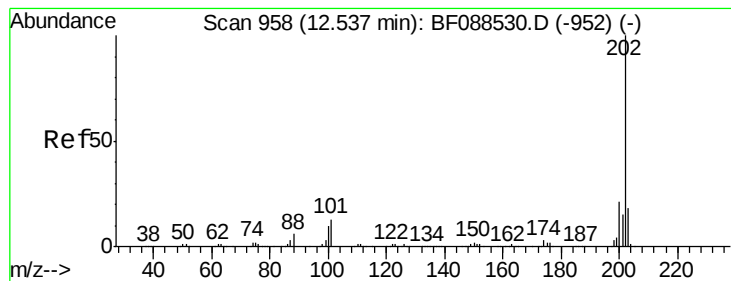


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 23.17 ng

RT: 12.49 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF088715.D

Acq: 5 Jul 2016 21:10

Instrument :

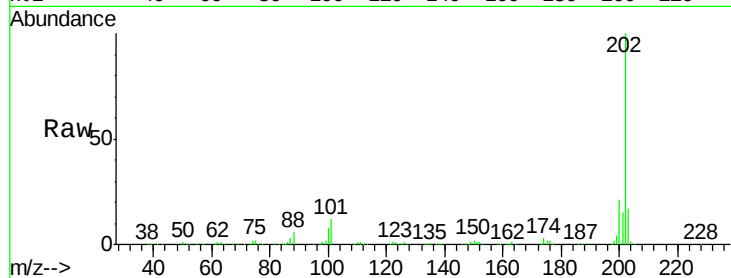
BNA_F

ClientSampleId :

SB-13-COMPMSD

Tot Ion:	202	Resp:	506074
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	33.1
203	17.5	0.0	38.1

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

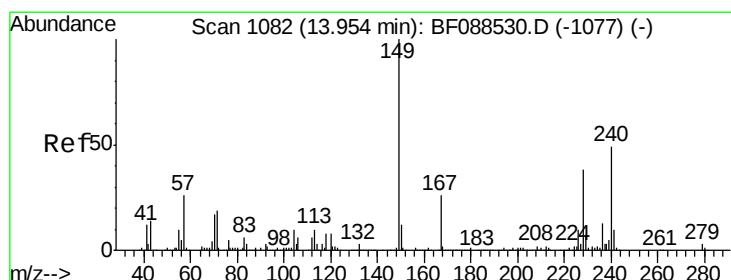
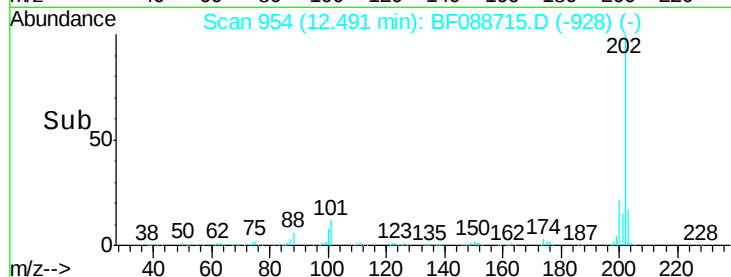
12.49

400000

200000

0

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

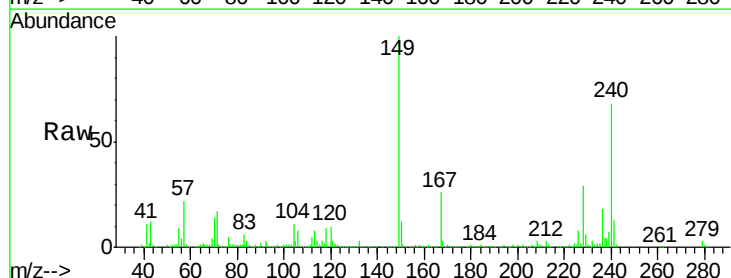
RT: 13.91 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BF088715.D

Acq: 5 Jul 2016 21:10

Tgt Ion:	240	Resp:	261434
Ion Ratio	Lower	Upper	
240	100		
120	15.0	6.8	10.2#
236	25.8	20.2	30.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

13.91

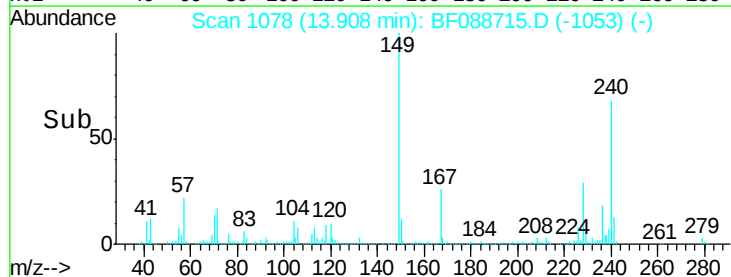
300000

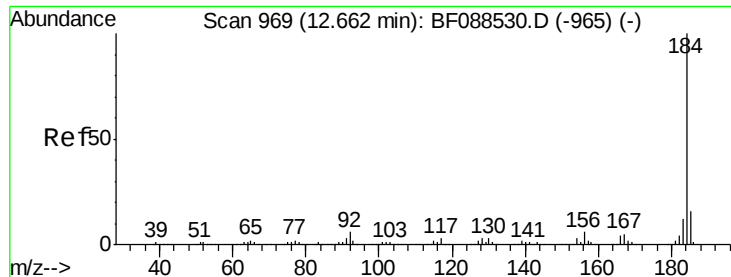
200000

100000

0

Time-->





#76

Benzidine

Concen: 7.90 ng

RT: 12.62 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF088715.D

Acq: 5 Jul 2016 21:10

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

Tot Ion:184 Resp: 104337

Ion Ratio Lower Upper

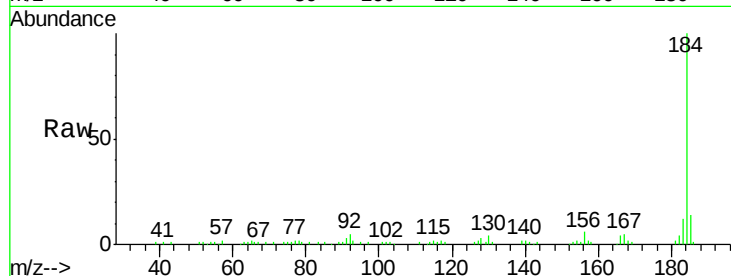
184 100

185 13.9 12.5 18.7

183 11.6 9.3 13.9

sohil

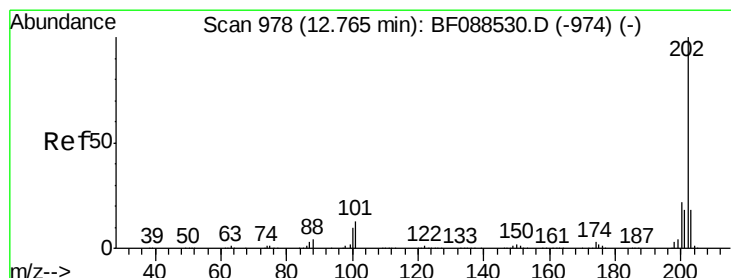
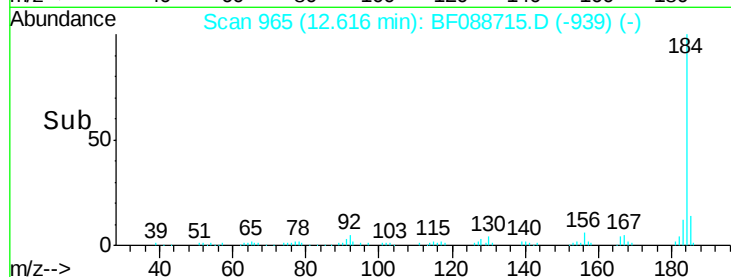
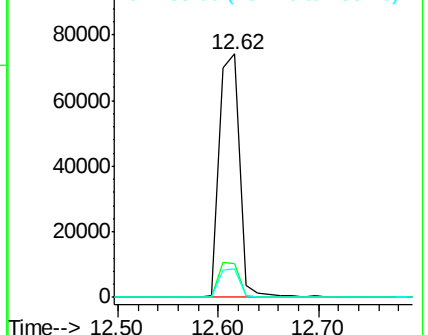
7/6/2016 7:19:24 PM



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: 22.73 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF088715.D

Acq: 5 Jul 2016 21:10

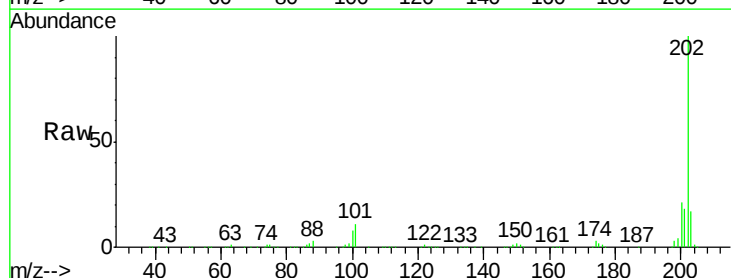
Tgt Ion:202 Resp: 503829

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

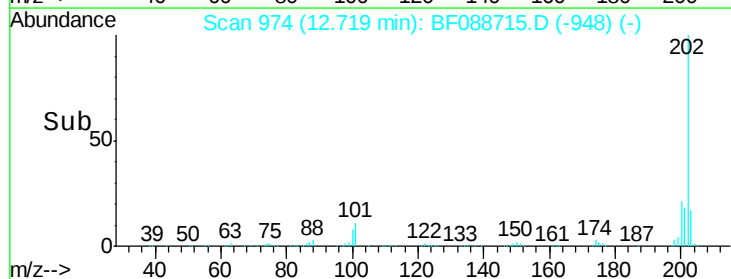
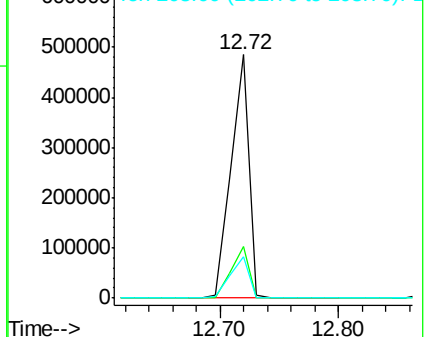
203 17.2 14.5 21.7

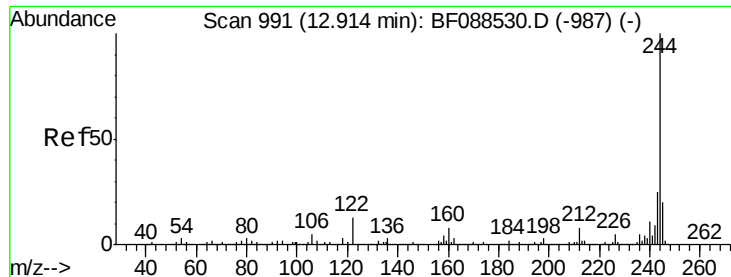


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



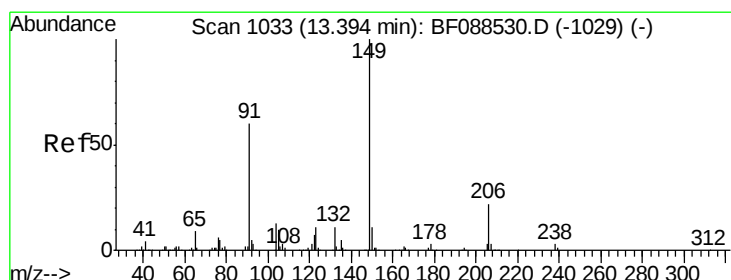
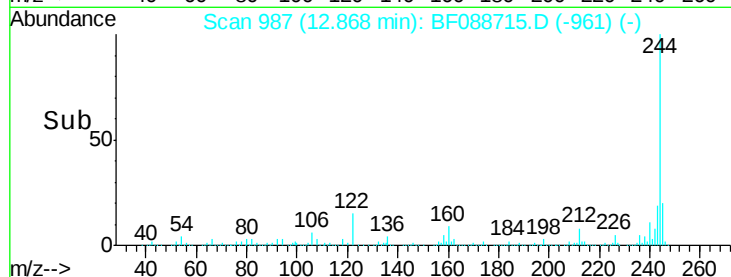
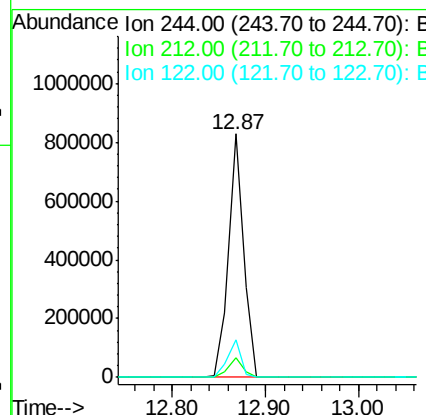
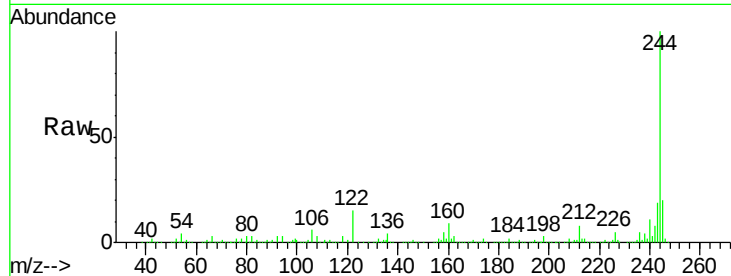


#78
 Terphenyl-d14
 Concen: 79.77 ng
 RT: 12.87 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF088715.D
 Acq: 5 Jul 2016 21:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMSD

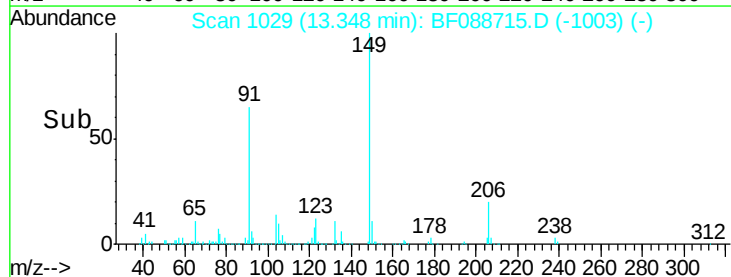
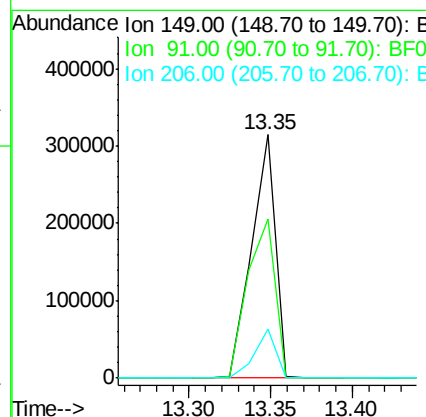
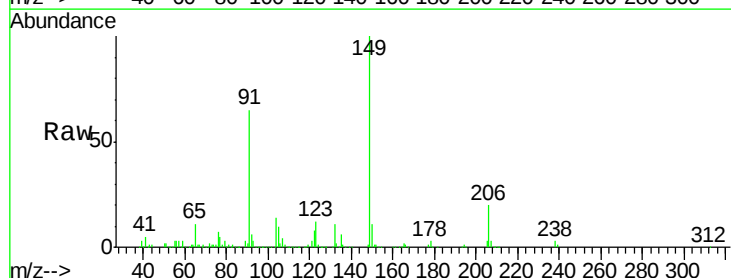
Tot Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	15.2	11.2	16.8

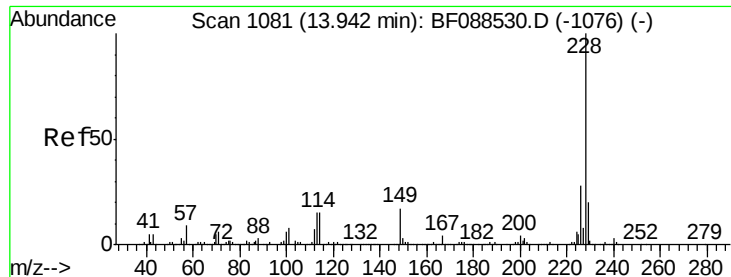
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#79
 Butylbenzylphthalate
 Concen: 32.22 ng
 RT: 13.35 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF088715.D
 Acq: 5 Jul 2016 21:10

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.3	48.0	72.0
206	20.0	16.0	24.0



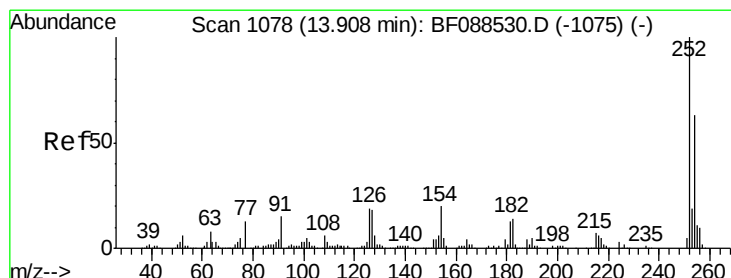
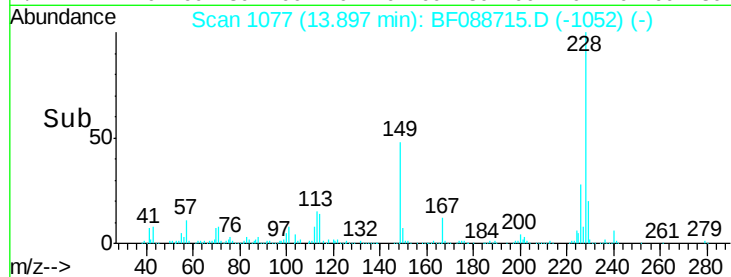
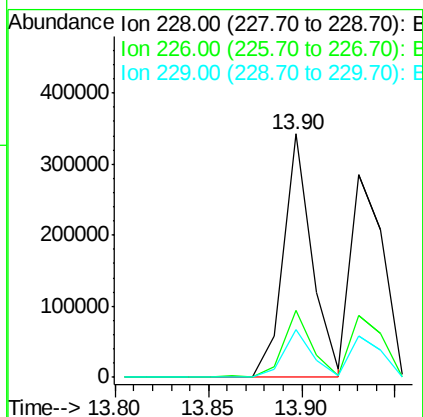
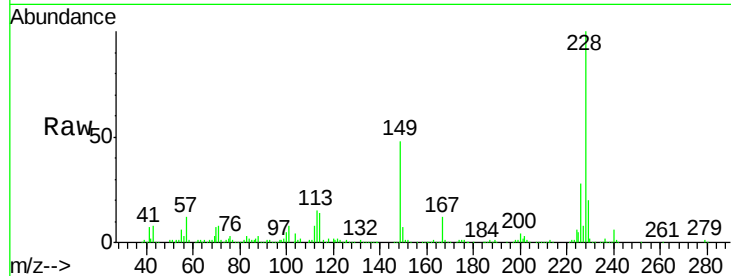


#80
Benzo(a)anthracene
Concen: 21.62 ng
RT: 13.90 min Scan# 1077
Delta R.T. -0.01 min
Lab File: BF088715.D
Acq: 5 Jul 2016 21:10

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

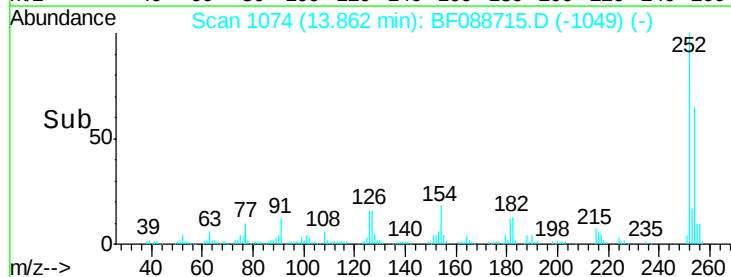
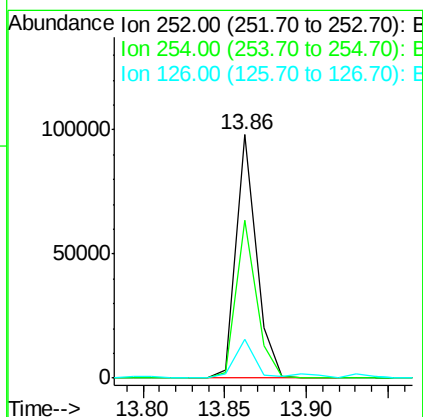
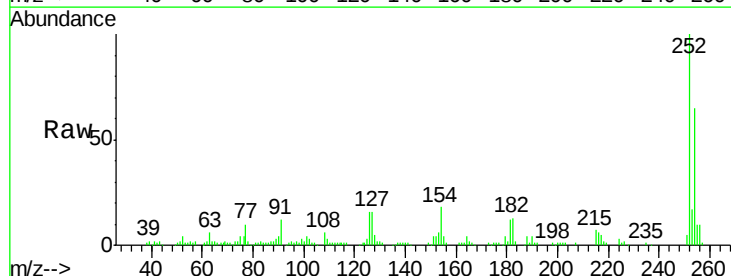
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.3	33.5
229	19.9	16.0	24.0

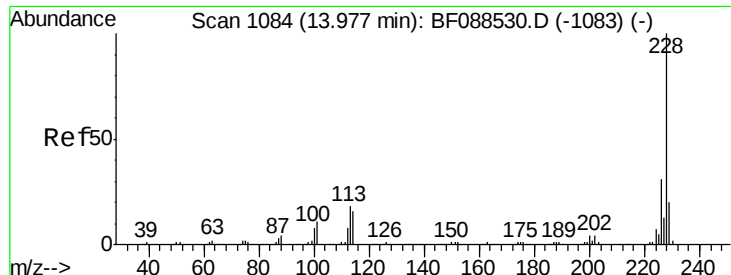
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#81
3,3'-Dichlorobenzidine
Concen: 13.32 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF088715.D
Acq: 5 Jul 2016 21:10

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.6	78.8
126	16.1	6.2	9.2#



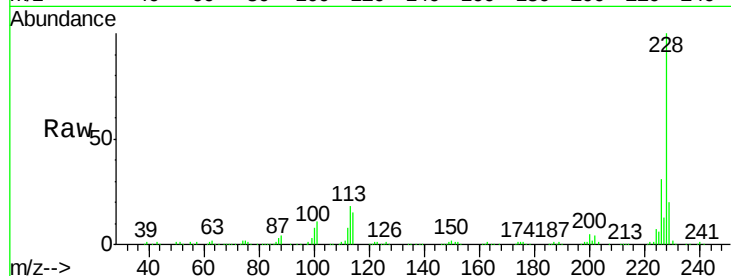


#82
Chrysene
Concen: 20.69 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF088715.D
Acq: 5 Jul 2016 21:10

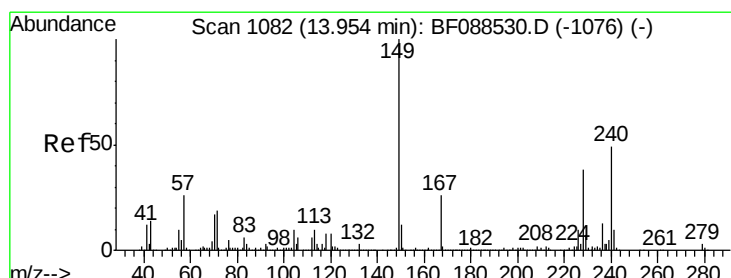
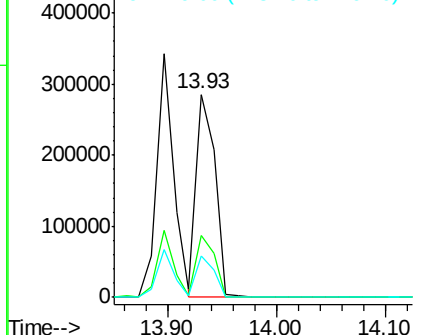
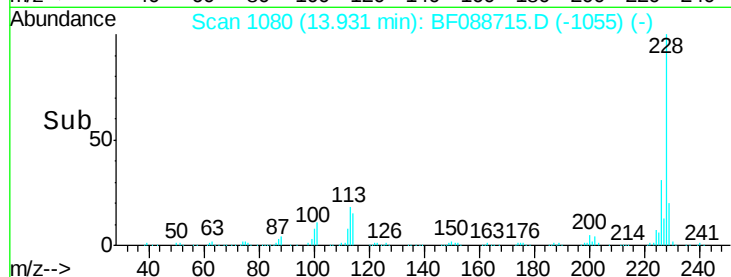
Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.4	38.2
229	20.5	16.3	24.5

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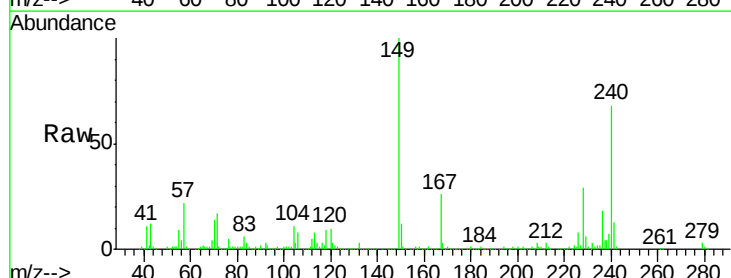


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

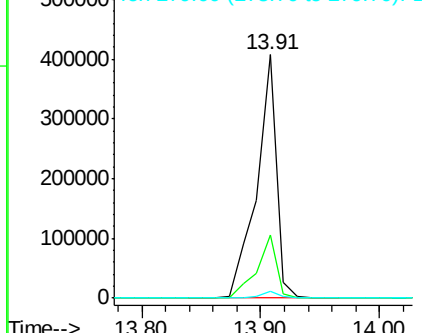
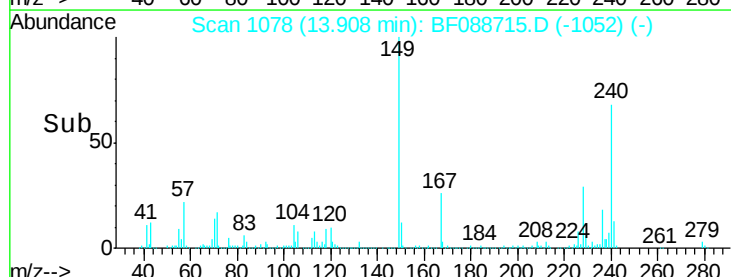


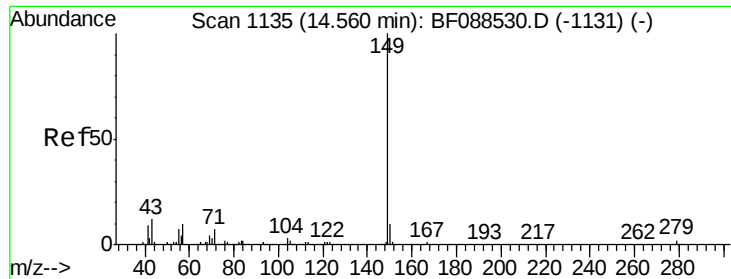
#83
Bis(2-ethylhexyl)phthalate
Concen: 42.15 ng
RT: 13.91 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BF088715.D
Acq: 5 Jul 2016 21:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.5	30.7
279	2.9	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



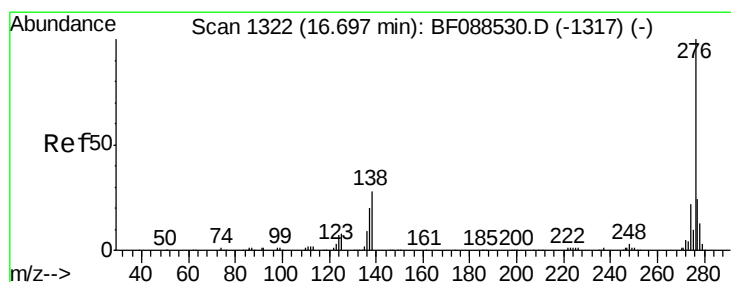
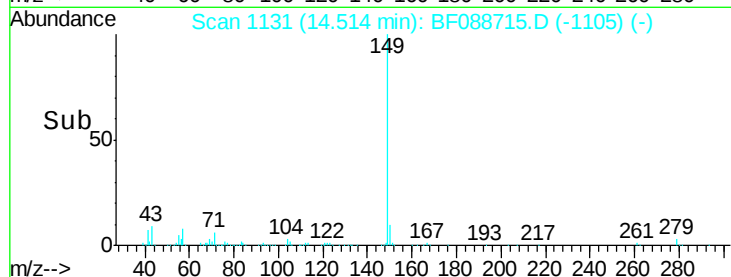
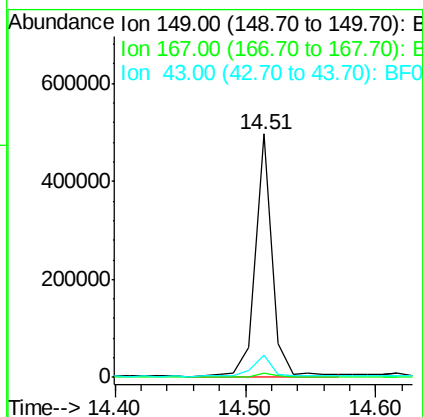
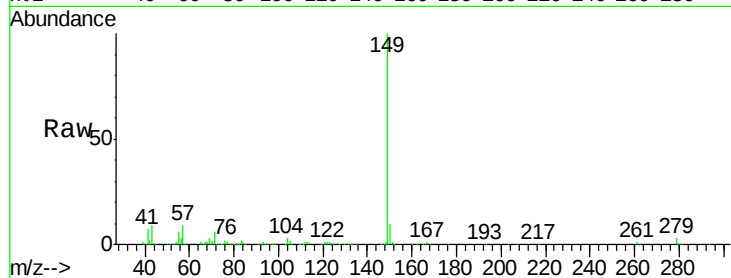


#84
Di-n-octyl phthalate
Concen: 23.29 ng
RT: 14.51 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF088715.D
Acq: 5 Jul 2016 21:10

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

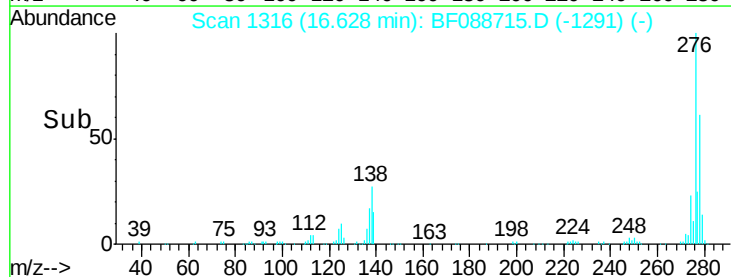
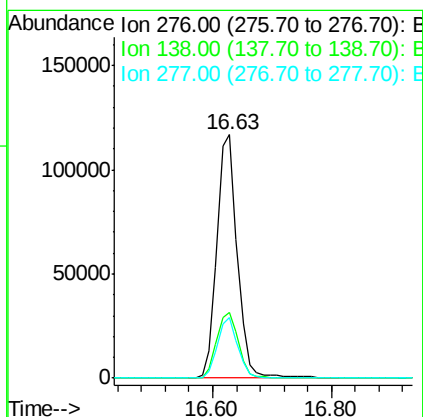
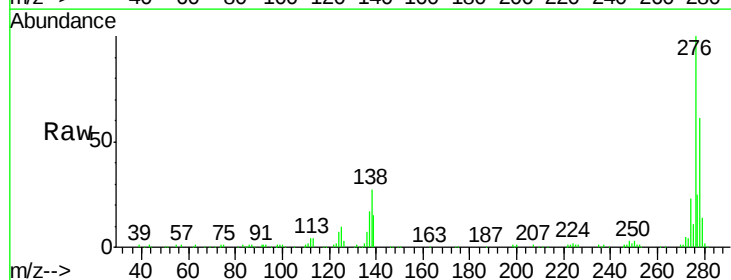
Tot Ion	Ratio	Lower	Upper
149	100		
167	2.3	0.0	0.0#
43	9.5	0.0	0.0#

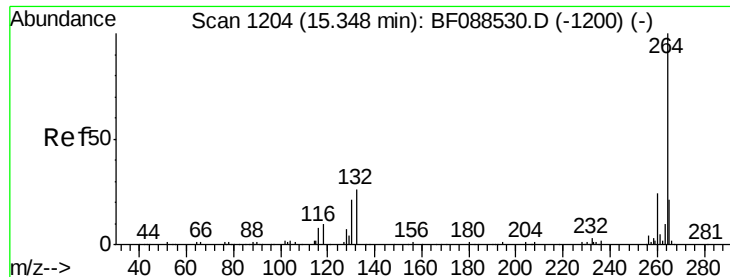
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#85
Indeno(1,2,3-cd)pyrene
Concen: 21.72 ng
RT: 16.63 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF088715.D
Acq: 5 Jul 2016 21:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.7	0.0	0.0#
277	24.9	0.0	0.0#



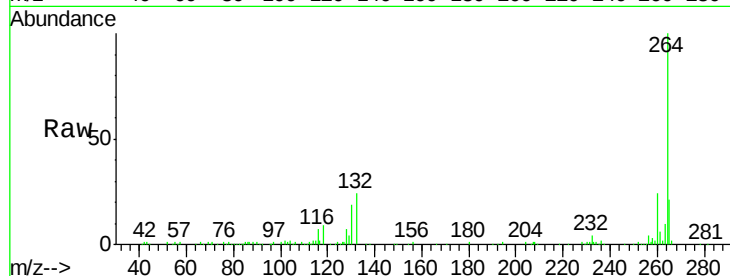


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF088715.D
Acq: 5 Jul 2016 21:10

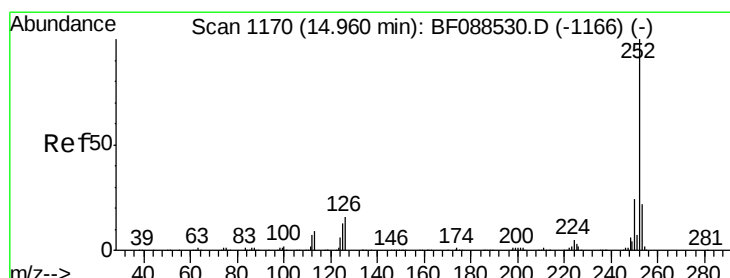
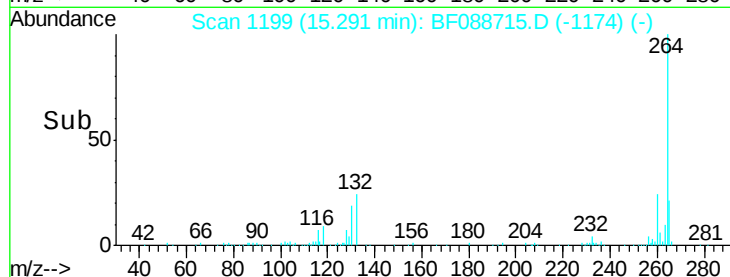
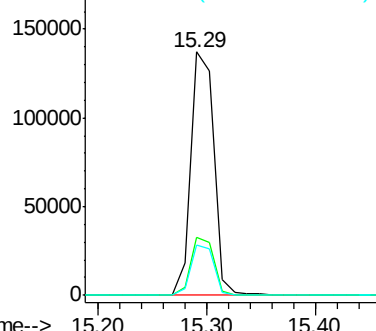
Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	20.9	16.9	25.3

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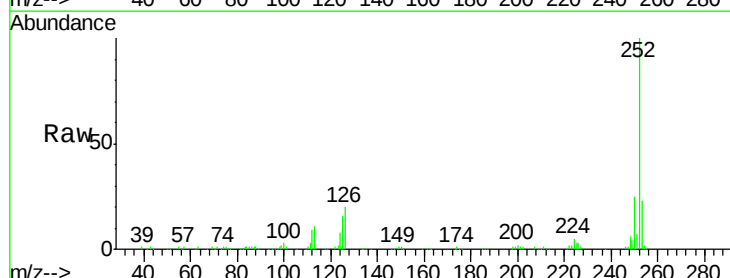


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

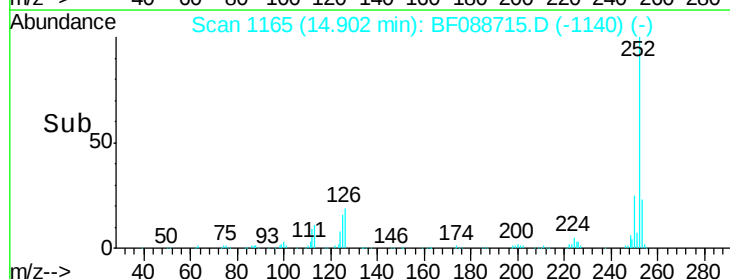
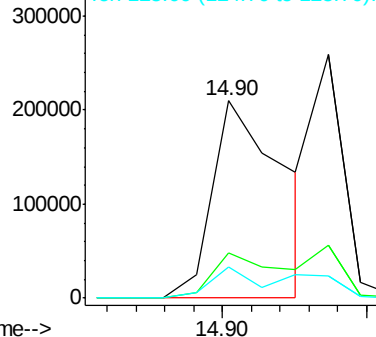


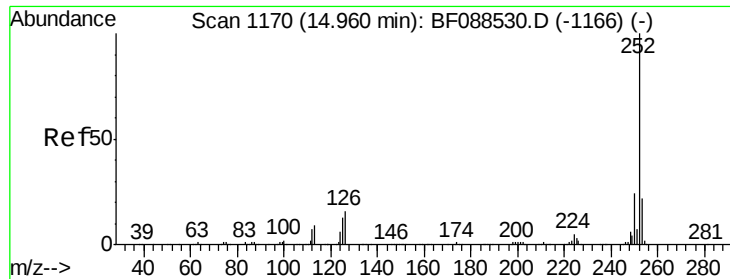
#87
Benzo(b)fluoranthene
Concen: 28.27 ng m
RT: 14.90 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF088715.D
Acq: 5 Jul 2016 21:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	15.9	7.1	10.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



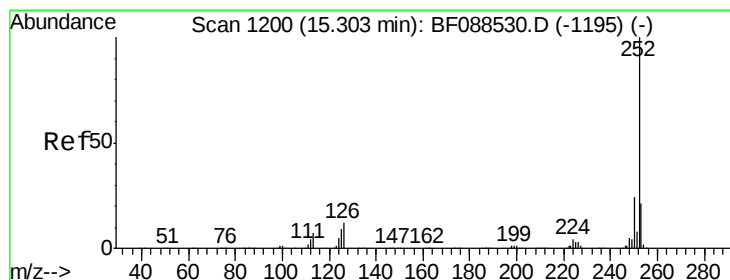
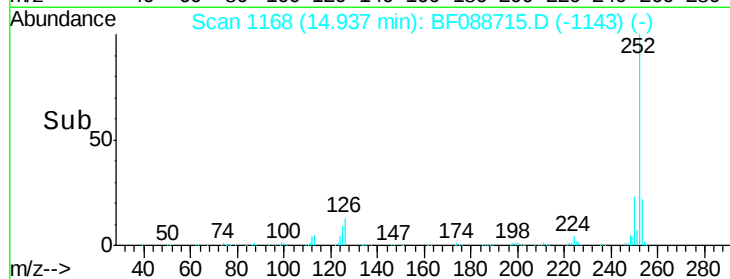
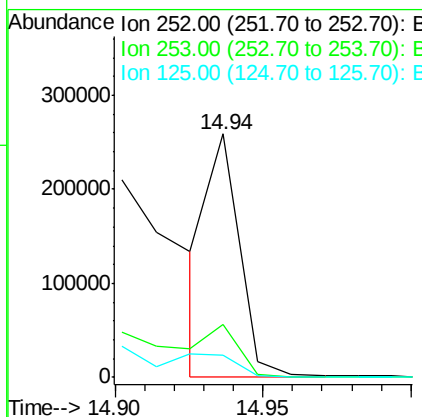
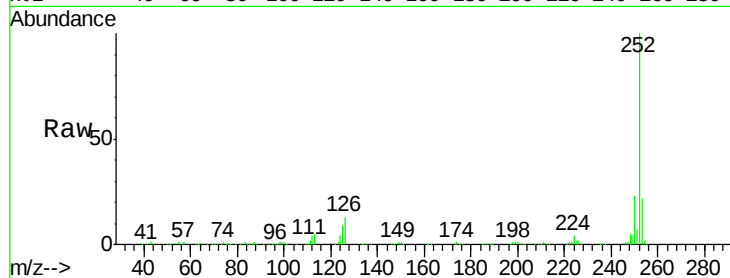


#88
Benzo(k)fluoranthene
Concen: 17.51 ng m
RT: 14.94 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF088715.D
Acq: 5 Jul 2016 21:10

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

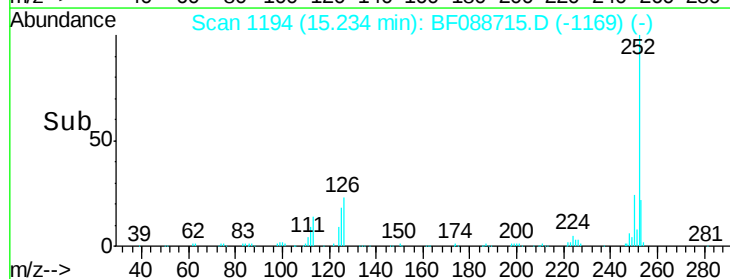
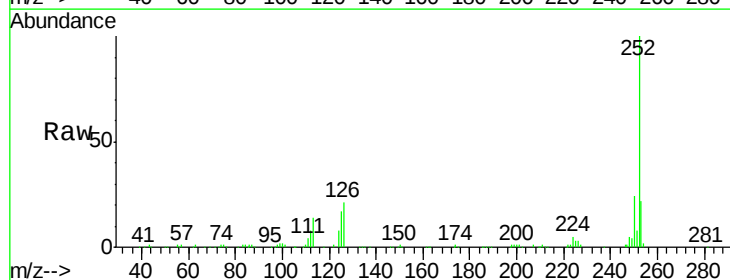
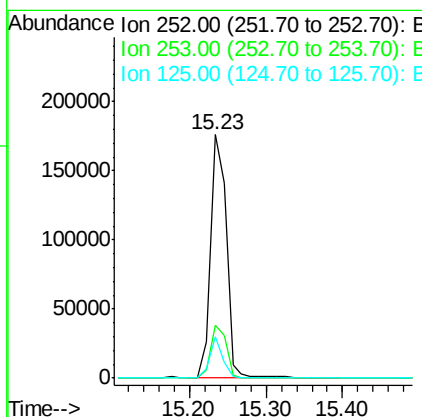
Tot Ion:252 Resp: 193281
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 8.9 11.2 16.8#

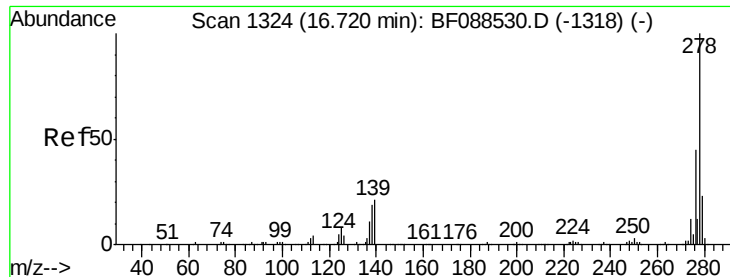
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#89
Benzo(a)pyrene
Concen: 23.25 ng
RT: 15.23 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF088715.D
Acq: 5 Jul 2016 21:10

Tgt Ion:252 Resp: 249596
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 17.0 12.5 18.7



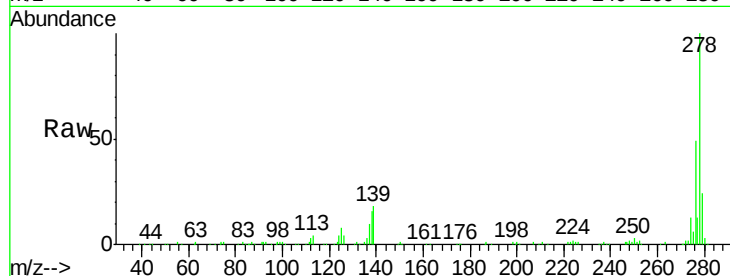


#90
Dibenzo(a,h)anthracene
Concen: 25.67 ng
RT: 16.64 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF088715.D
Acq: 5 Jul 2016 21:10

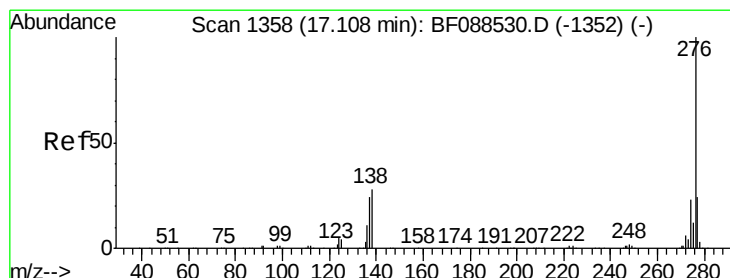
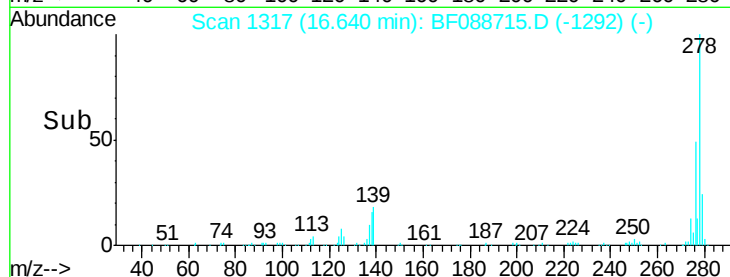
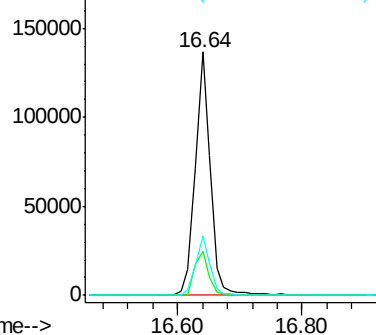
Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.3	15.7	23.5
279	24.3	19.4	29.2

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 25.77 ng
RT: 17.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BF088715.D
Acq: 5 Jul 2016 21:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.9	28.3
138	26.6	21.4	32.2

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

