

Data File : BF118696.D
Acq On : 24 Jan 2020 20:10
Operator : CG/JU
Sample : L1238-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CLIFTON-POLES

Quant Time: Jan 27 01:04:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	248988	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	839738	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	440695	20.00	ng	-0.02
64) Phenanthrene-d10	11.39	188	526626	20.00	ng	-0.02
76) Chrysene-d12	14.03	240	478843	20.00	ng	-0.01
87) Perylene-d12	15.50	264	662662	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	159073	11.87	ng	-0.02
7) Phenol-d6	6.48	99	195115	11.20	ng	-0.03
23) Nitrobenzene-d5	7.42	82	111362	7.42	ng	-0.03
42) 2,4,6-Tribromophenol	10.69	330	32651	6.41	ng	-0.02
45) 2-Fluorobiphenyl	9.22	172	209543	7.82	ng	-0.02
79) Terphenyl-d14	12.97	244	184986	8.43	ng	-0.02

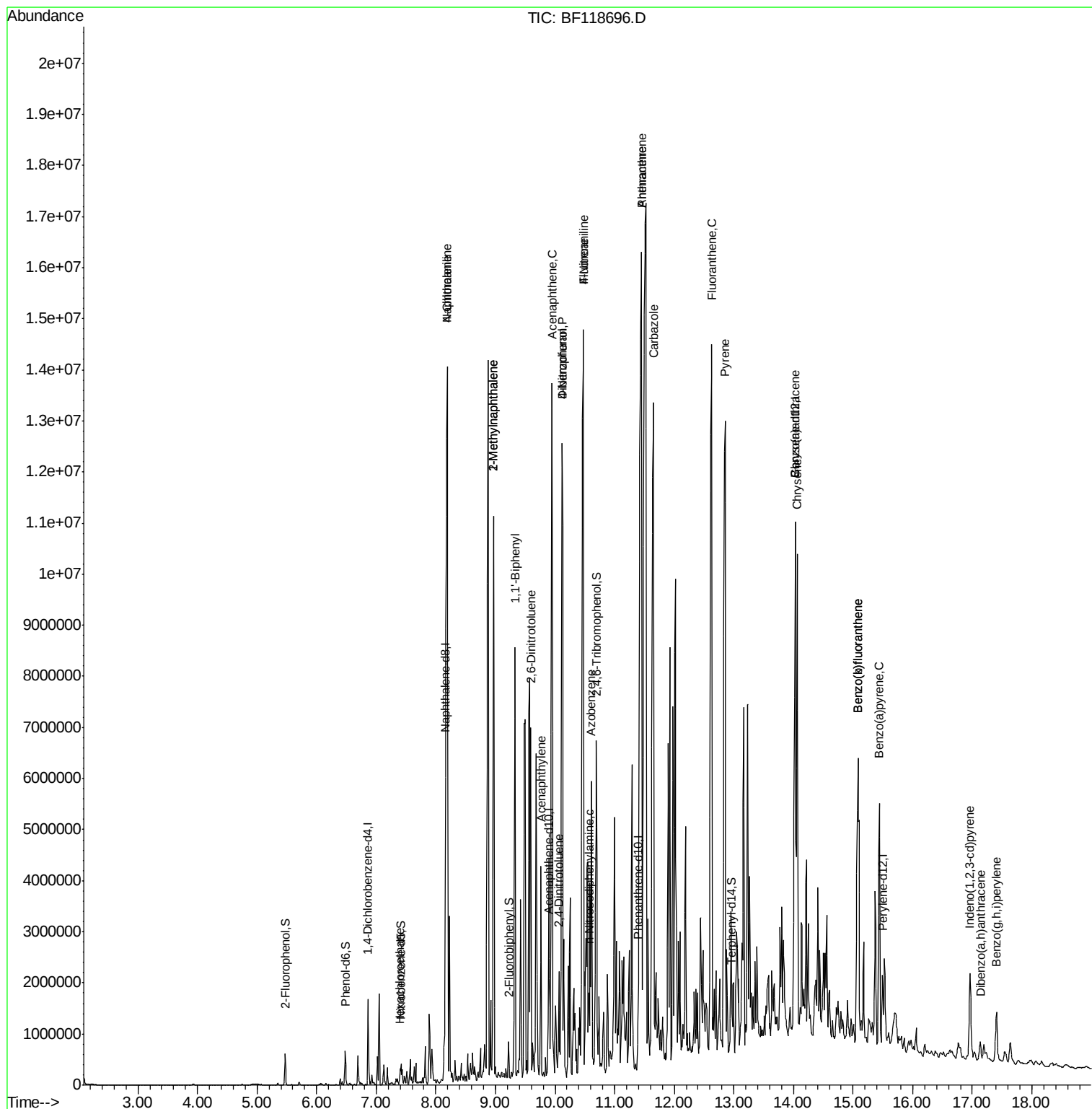
Target Compounds				Qvalue		
18) Hexachloroethane	7.40	117	22722	3.544	ng	# 1
31) Naphthalene	8.19	128	11062780	291.633	ng	# 90
33) 4-Chloroaniline	8.19	127	1910230	108.950	ng	# 35
37) 2-Methylnaphthalene	8.97	142	3543151	132.326	ng	93
38) 1-Methylnaphthalene	8.97	142	3543151	139.284	ng	98
46) 1,1'-Biphenyl	9.33	154	2640252	86.929	ng	99
49) Acenaphthylene	9.76	152	831527	23.089	ng	# 93
51) 2,6-Dinitrotoluene	9.60	165	24889	3.871	ng	# 1
52) Acenaphthene	9.95	154	4420469	183.559	ng	99
55) Dibenzofuran	10.12	168	6893414	206.556	ng	# 88
56) 4-Nitrophenol	10.12	139	3197331	576.913	ng	# 6
57) 2,4-Dinitrotoluene	10.06	165	89431	11.034	ng	# 51
58) Fluorene	10.47	166	7520207	287.035	ng	99
62) 4-Nitroaniline	10.47	138	99921	13.269	ng	# 20
63) Azobenzene	10.61	77	66599	2.470	ng	# 1
66) n-Nitrosodiphenylamine	10.56	169	68837	4.334	ng	# 1
71) Phenanthrene	11.45	178	15493116	609.805	ng	# 90
72) Anthracene	11.45	178	15493116	616.282	ng	# 89
73) Carbazole	11.65	167	9363339	406.057	ng	# 91
75) Fluoranthene	12.63	202	9533351	355.765	ng	95
78) Pyrene	12.85	202	7745231	238.247	ng	95
81) Benzo(a)anthracene	14.02	228	4714928	163.685	ng	96
83) Chrysene	14.06	228	4128375	149.543	ng	97
86) Indeno(1,2,3-cd)pyrene	16.96	276	1148839	47.893	ng	97
88) Benzo(b)fluoranthene	15.07	252	5492672	131.867	ng	97
89) Benzo(k)fluoranthene	15.07	252	5492672	142.335	ng	98
90) Benzo(a)pyrene	15.44	252	2623278	73.008	ng	97
91) Dibenzo(a,h)anthracene	17.13	278	286948	9.028	ng	94
92) Benzo(g,h,i)perylene	17.40	276	866865	28.090	ng	96

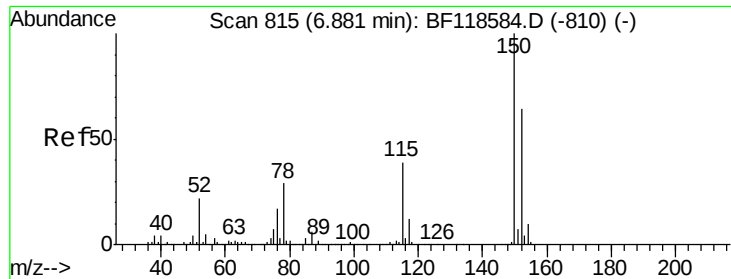
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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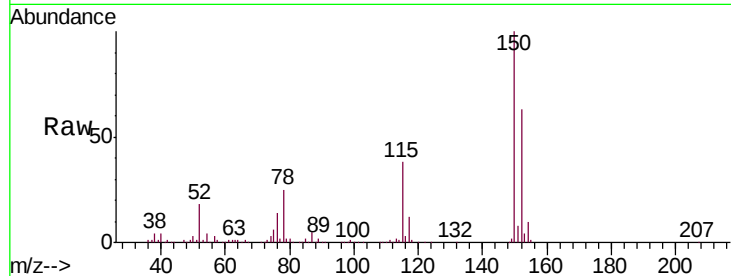


#1

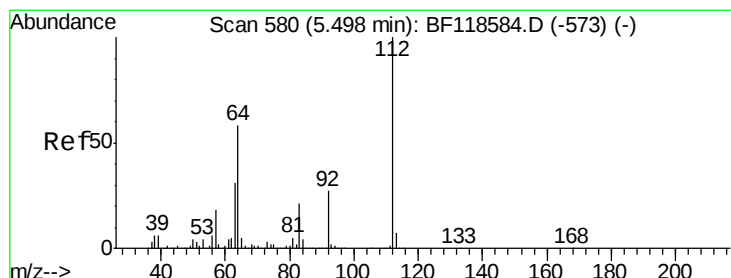
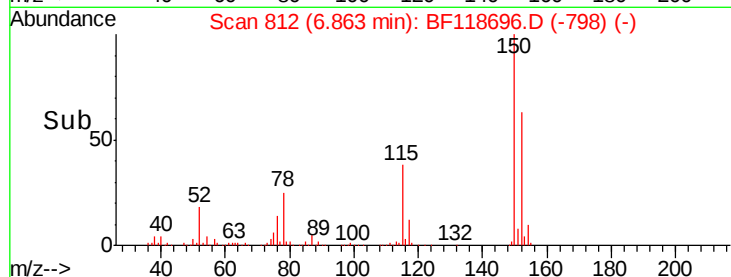
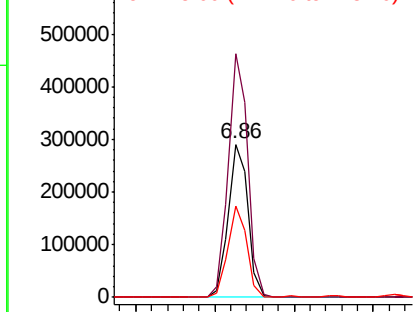
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.02 min
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Tgt Ion:152 Resp: 248988
Ion Ratio Lower Upper
152 100
150 159.1 125.6 188.4
115 59.8 48.4 72.6



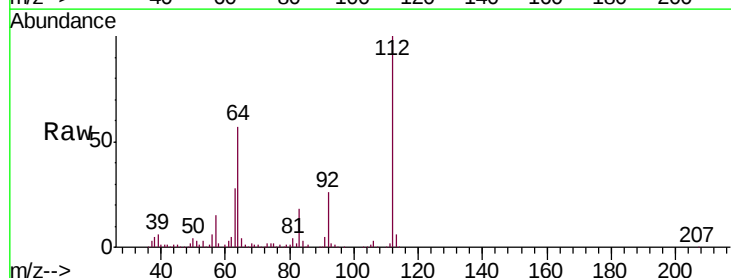
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



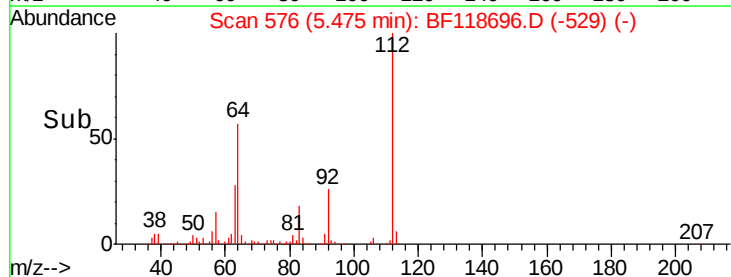
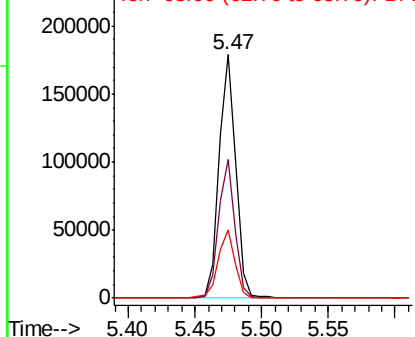
#5

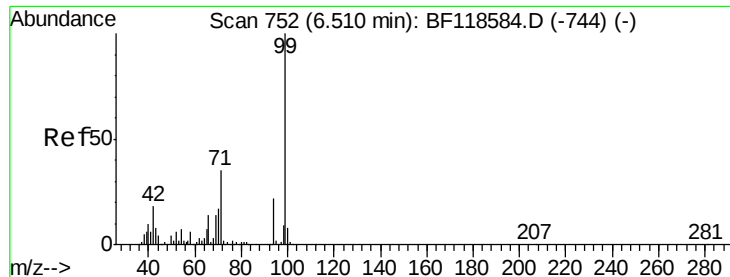
2-Fluorophenol
Concen: 11.866 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.02 min
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Acq: 24 Jan 2020 20:10

Tgt Ion:112 Resp: 159073
Ion Ratio Lower Upper
112 100
64 56.8 46.6 70.0
63 28.2 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 11.198 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

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Instrument :

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ClientSampleId :

CLIFTON-POLES

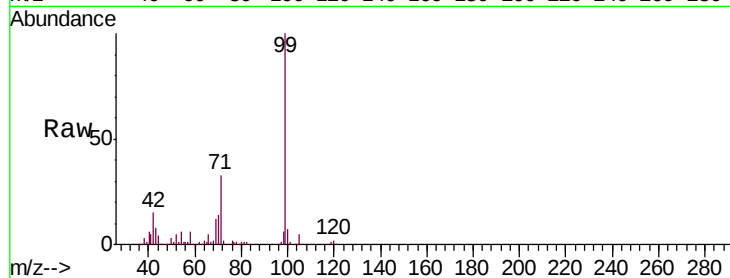
Tgt Ion: 99 Resp: 195115

Ion Ratio Lower Upper

99 100

42 15.3 14.2 21.2

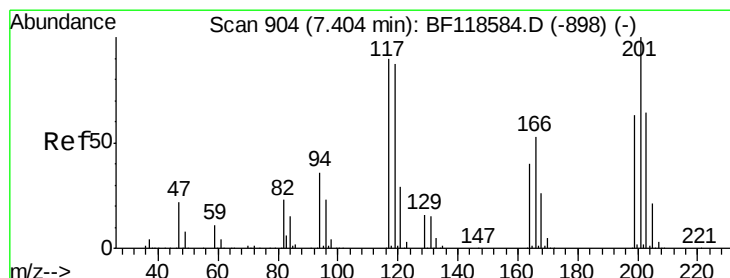
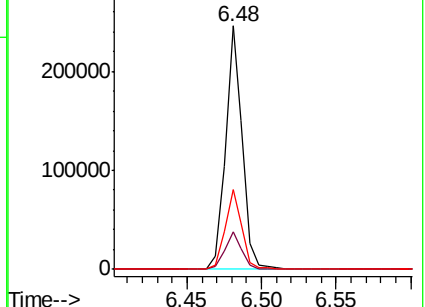
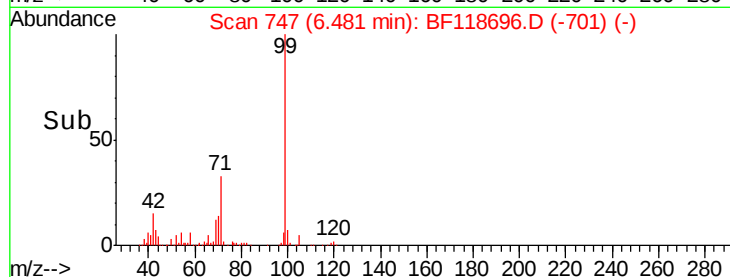
71 32.7 27.8 41.6



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#18

Hexachloroethane

Concen: 3.544 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF118696.D

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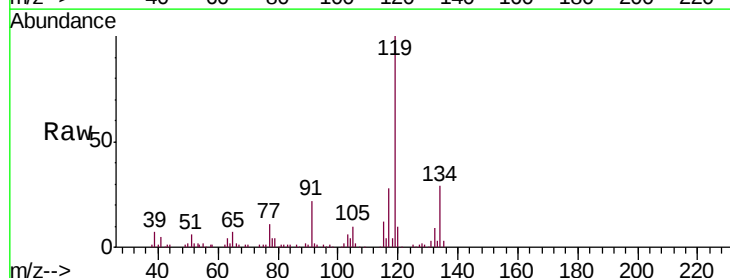
Tgt Ion: 117 Resp: 22722

Ion Ratio Lower Upper

117 100

119 360.0 77.6 116.4#

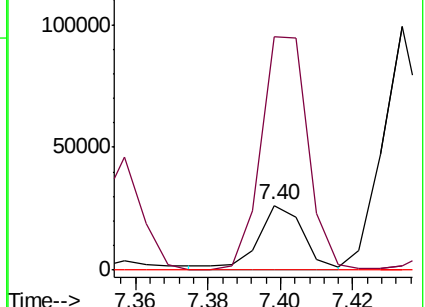
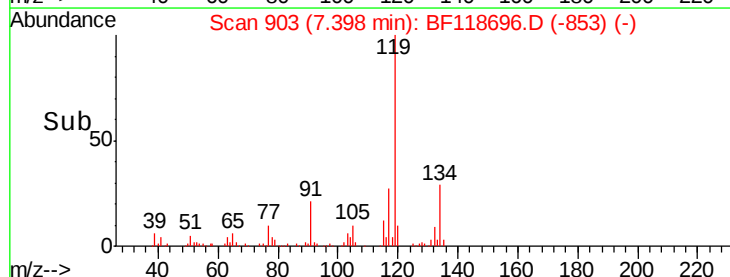
201 0.0 88.8 133.2#

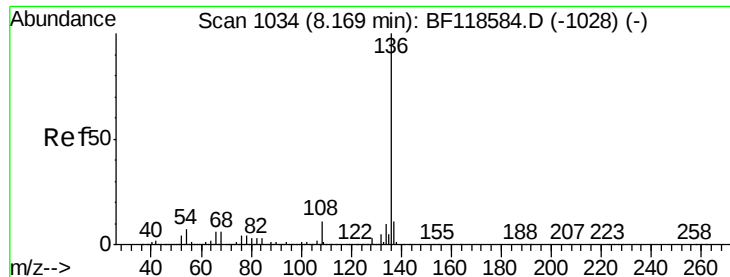


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

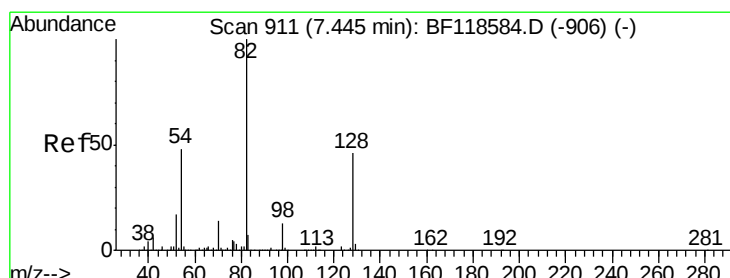
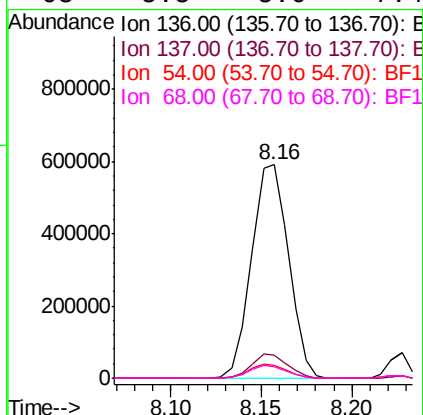
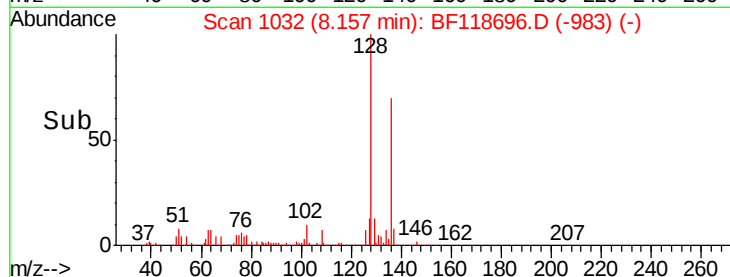
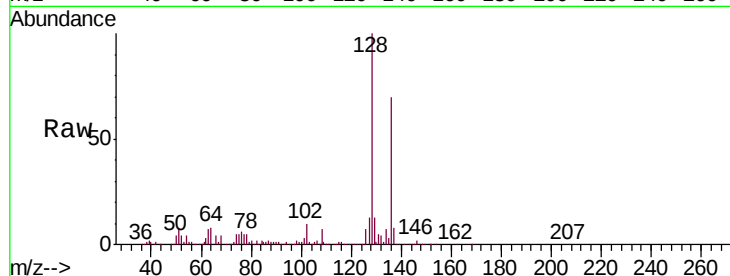




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF118696.D
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Tgt Ion:	136	Resp:	839738
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.2	5.8	8.6
68	5.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 7.418 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.03 min
Lab File: BF118696.D
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Tgt Ion:	82	Resp:	111362
Ion	Ratio	Lower	Upper
82	100		
128	43.9	36.6	54.8
54	44.1	38.0	57.0

