

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112420\
 Data File : BF122471.D
 Acq On : 24 Nov 2020 17:01
 Operator : JU/CG
 Sample : L4829-11DL2 40X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14DL2

Quant Time: Nov 24 17:29:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 24 14:38:56 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

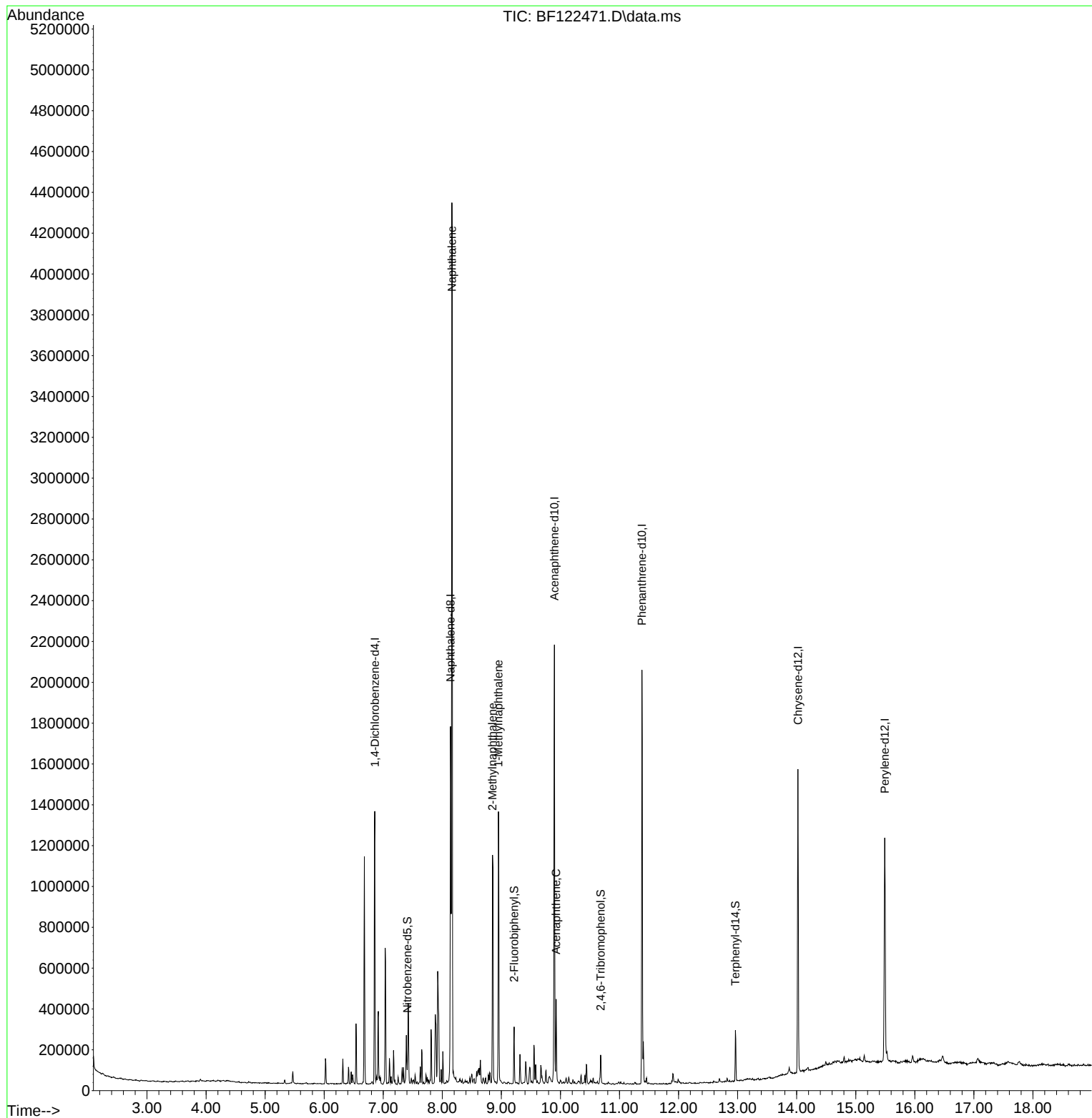
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	198439	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	780539	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	421040	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	731532	20.00	ng	0.00
76) Chrysene-d12	14.021	240	487812	20.00	ng	-0.01
86) Perylene-d12	15.492	264	506492	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	16976	1.31	ng	-0.01
7) Phenol-d6	6.481	99	15431	0.91	ng	-0.02
23) Nitrobenzene-d5	7.410	82	35316	2.77	ng	-0.02
42) 2,4,6-Tribromophenol	10.680	330	16481	3.65	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	81077	3.01	ng	0.00
79) Terphenyl-d14	12.962	244	75238	3.27	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.163	128	1948583	46.96	ng	98
37) 2-Methylnaphthalene	8.851	142	310685	11.33	ng	99
38) 1-Methylnaphthalene	8.951	142	338979	13.21	ng	100
52) Acenaphthene	9.927	154	76293	3.01	ng	99

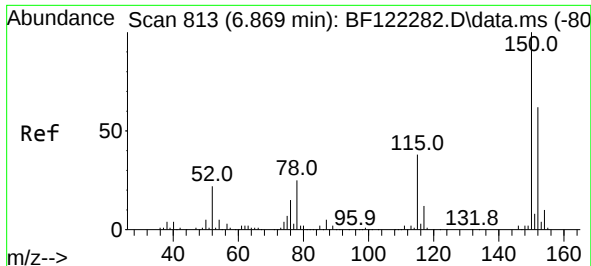
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 24 14:38:56 2020
Response via : Initial Calibration

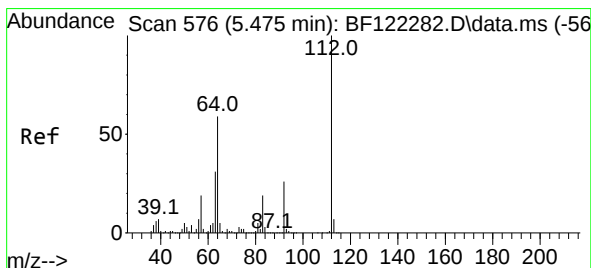
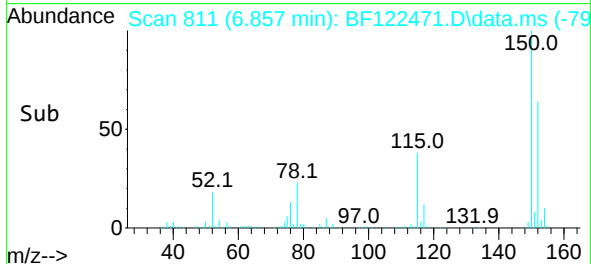
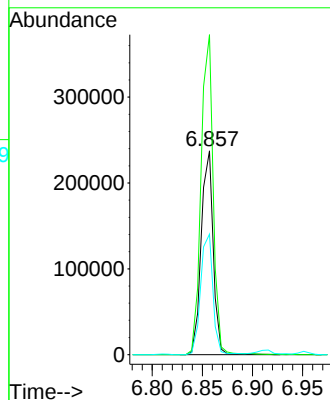
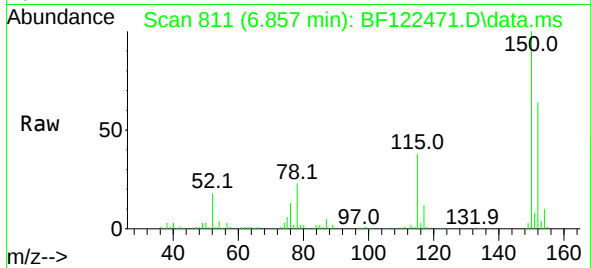




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF122471.D
Acq: 24 Nov 2020 17:01

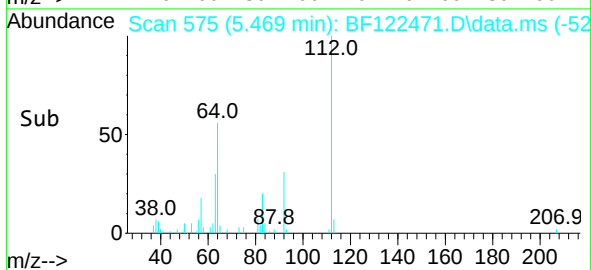
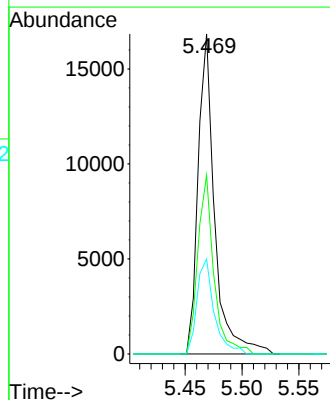
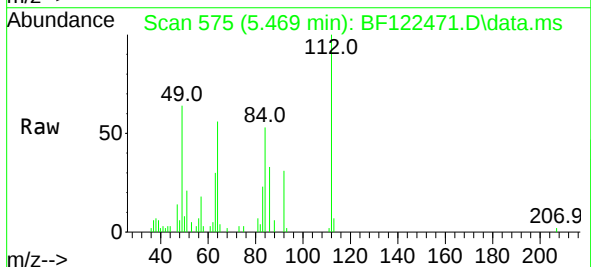
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

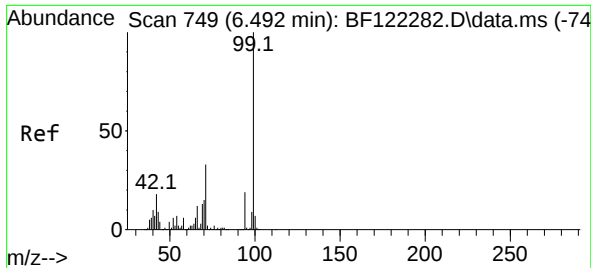
Tgt Ion:152 Resp: 198439
Ion Ratio Lower Upper
152 100
150 157.0 125.3 187.9
115 59.2 51.9 77.9



#5
2-Fluorophenol
Concen: 1.31 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.012 min
Lab File: BF122471.D
Acq: 24 Nov 2020 17:01

Tgt Ion:112 Resp: 16976
Ion Ratio Lower Upper
112 100
64 55.9 50.4 75.6
63 29.7 25.8 38.6

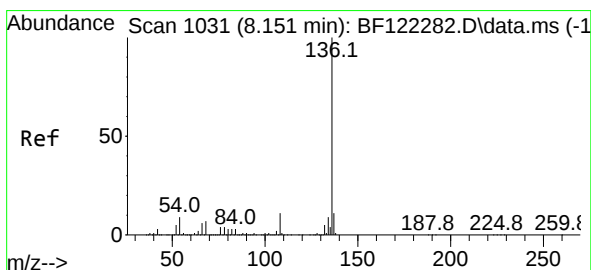
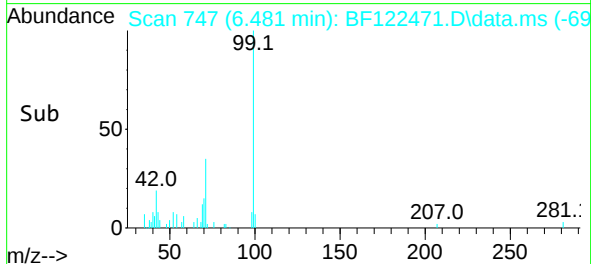
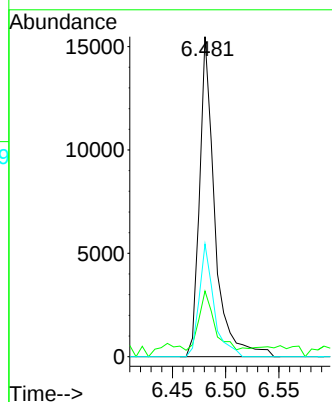
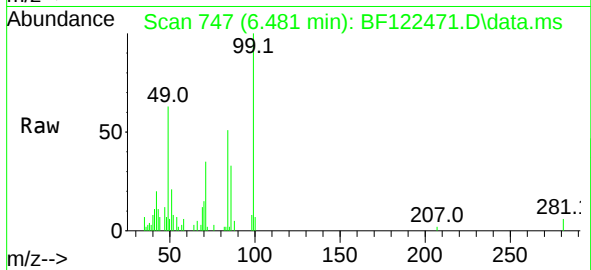




#7
Phenol-d6
Concen: 0.91 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.018 min
Lab File: BF122471.D
Acq: 24 Nov 2020 17:01

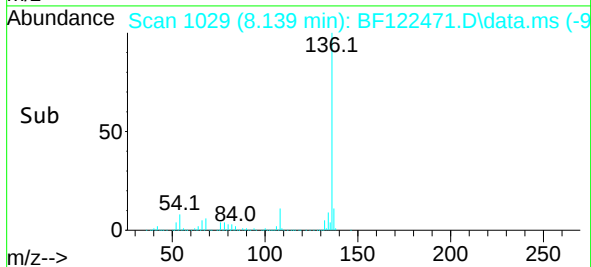
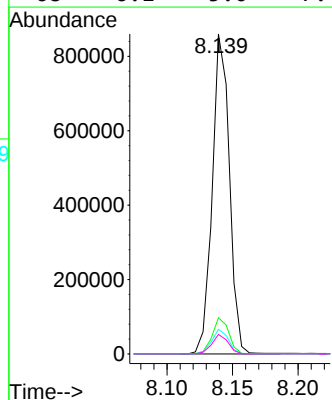
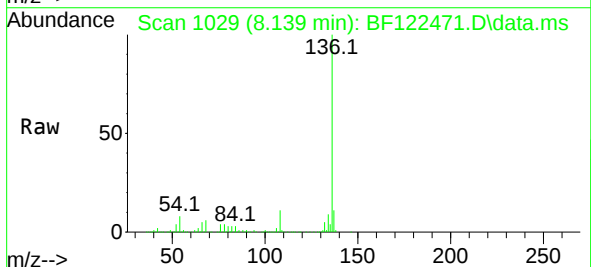
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

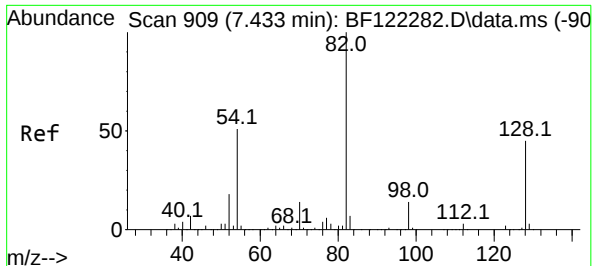
Tgt Ion:	99	Resp:	15431
Ion	Ratio	Lower	Upper
99	100		
42	20.5	15.9	23.9
71	35.2	27.1	40.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122471.D
Acq: 24 Nov 2020 17:01

Tgt Ion:	136	Resp:	780539
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	7.7	7.1	10.7
68	6.1	5.0	7.4





#23

Nitrobenzene-d5

Concen: 2.77 ng

RT: 7.410 min Scan# 905

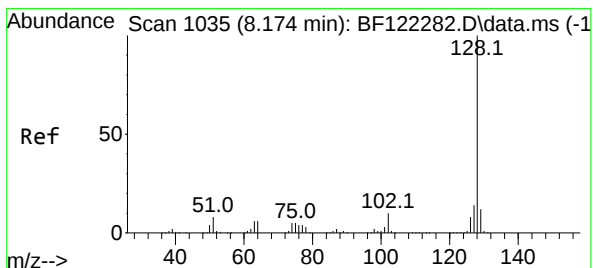
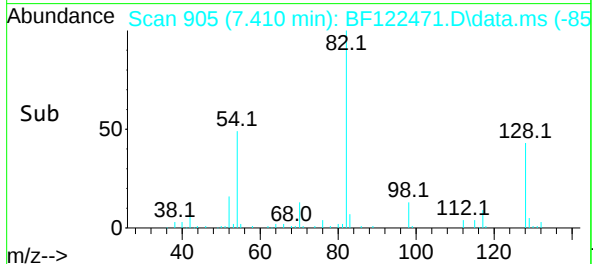
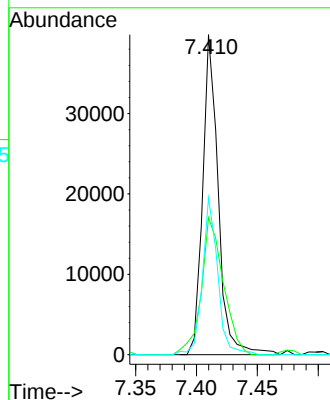
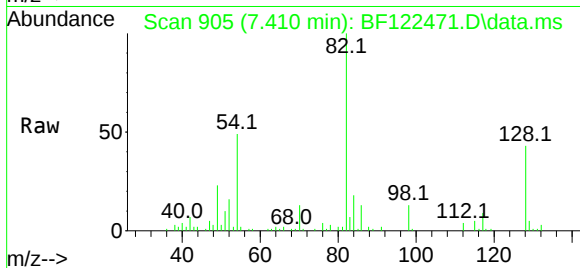
Delta R.T. -0.018 min

Lab File: BF122471.D

Acq: 24 Nov 2020 17:01

Tgt Ion: 82 Resp: 35316

Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.0	52.4
54	49.0	43.9	65.9



#31

Naphthalene

Concen: 46.96 ng

RT: 8.163 min Scan# 1033

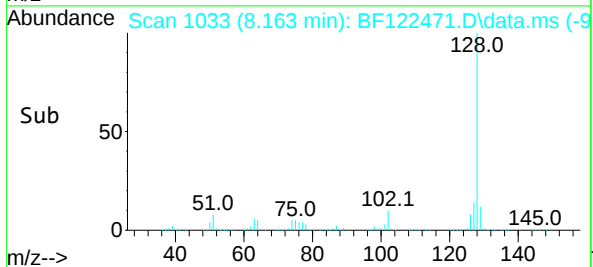
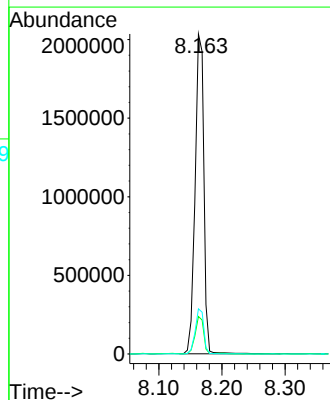
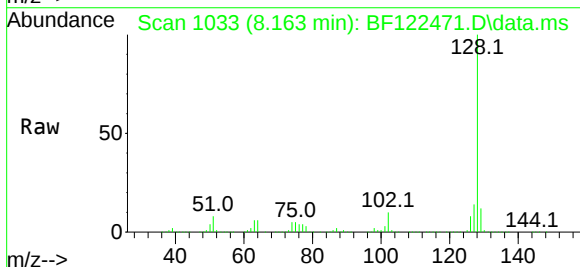
Delta R.T. -0.006 min

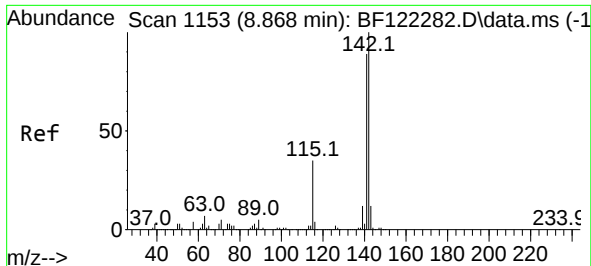
Lab File: BF122471.D

Acq: 24 Nov 2020 17:01

Tgt Ion: 128 Resp: 1948583

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.7	13.1
127	14.1	10.8	16.2

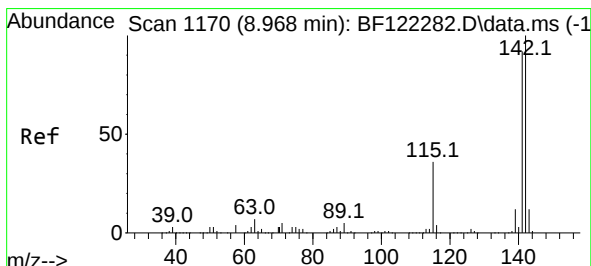
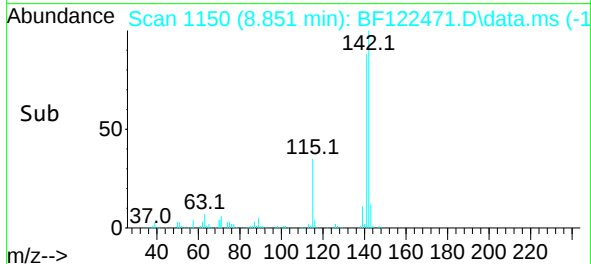
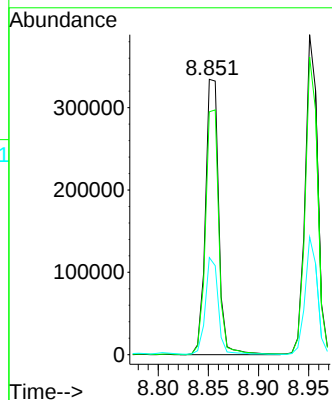
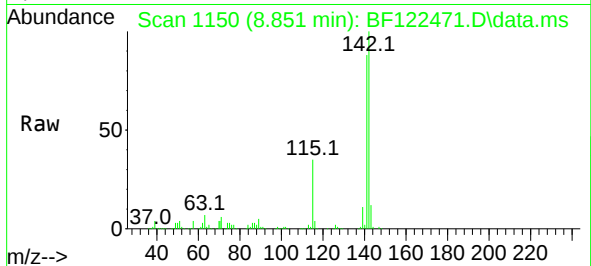




#37
2-Methylnaphthalene
Concen: 11.33 ng
RT: 8.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF122471.D
Acq: 24 Nov 2020 17:01

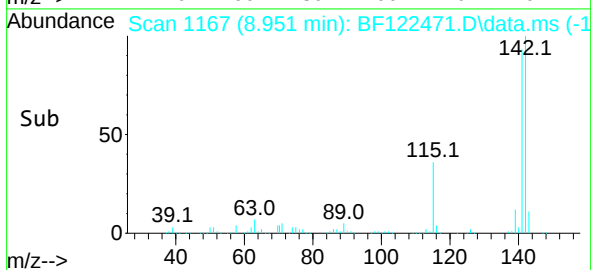
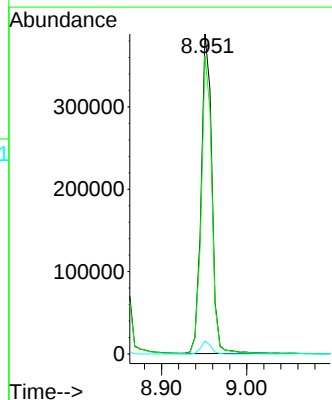
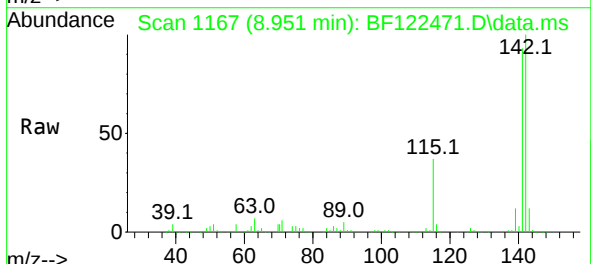
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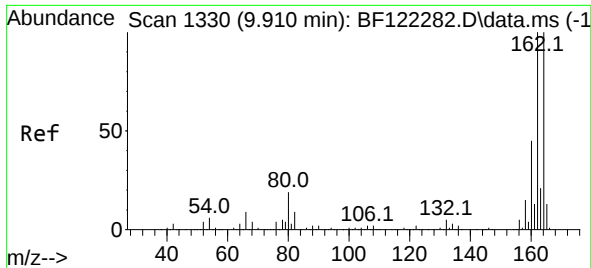
Tgt Ion:142 Resp: 310685
Ion Ratio Lower Upper
142 100
141 88.2 70.2 105.4
115 35.3 28.6 43.0



#38
1-Methylnaphthalene
Concen: 13.21 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF122471.D
Acq: 24 Nov 2020 17:01

Tgt Ion:142 Resp: 338979
Ion Ratio Lower Upper
142 100
141 93.0 74.5 111.7
116 4.0 3.2 4.8

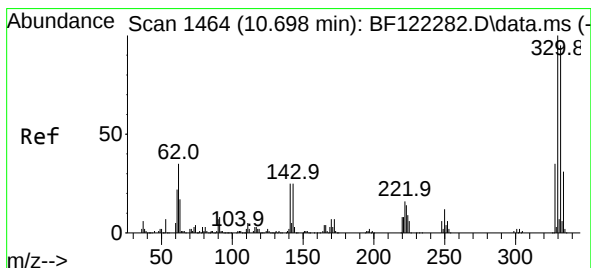
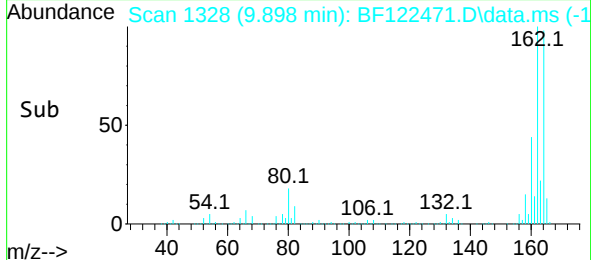
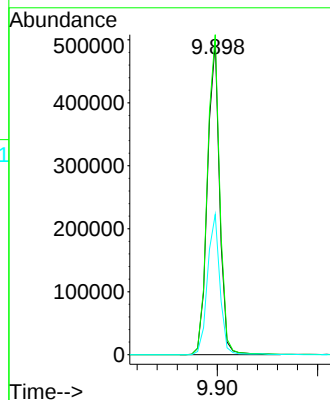
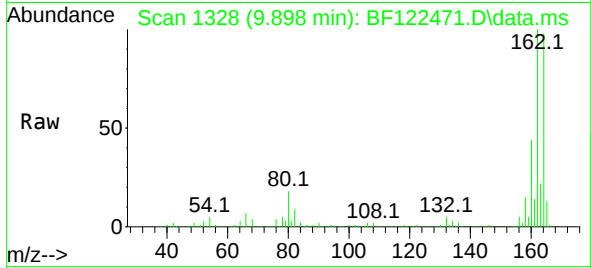




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF122471.D
Acq: 24 Nov 2020 17:01

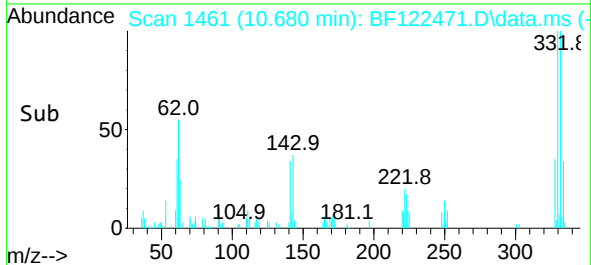
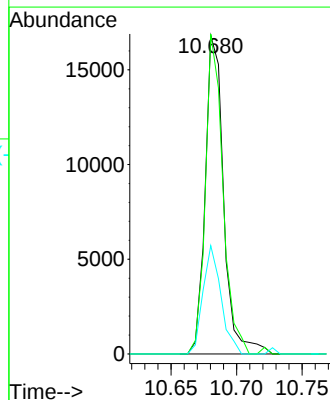
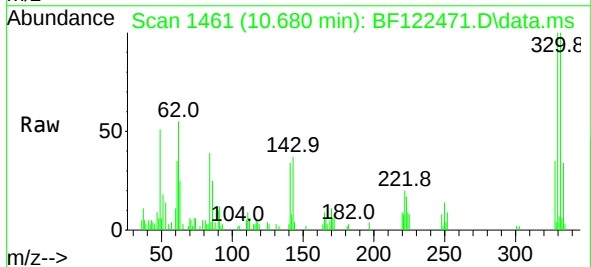
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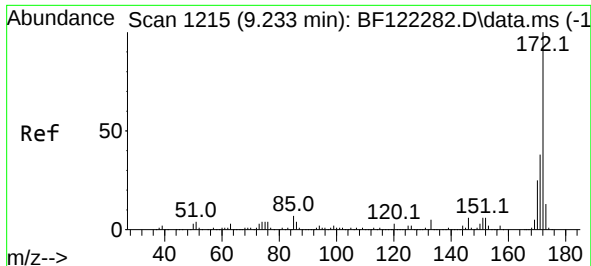
Tgt Ion:164 Resp: 421040
Ion Ratio Lower Upper
164 100
162 102.2 83.2 124.8
160 44.8 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 3.65 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF122471.D
Acq: 24 Nov 2020 17:01

Tgt Ion:330 Resp: 16481
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 33.2 22.3 33.5

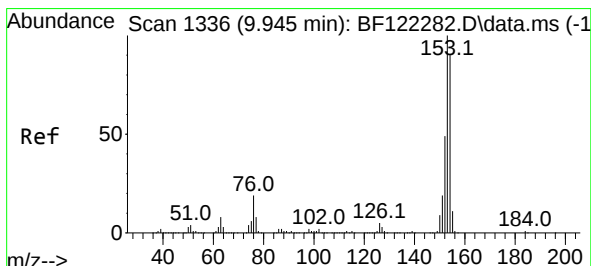
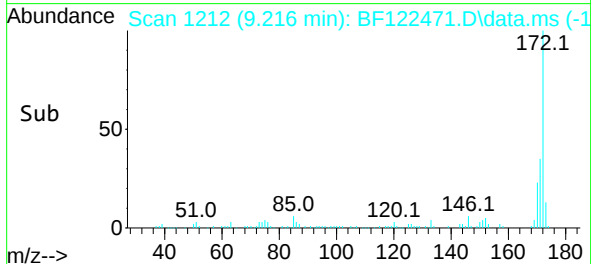
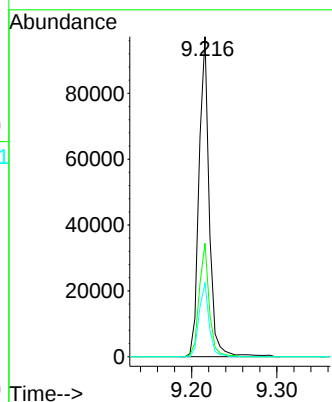
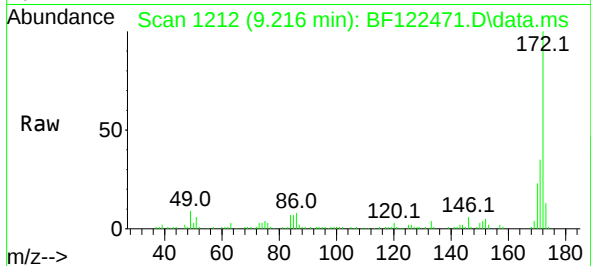




#45
2-Fluorobiphenyl
Concen: 3.01 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF122471.D
Acq: 24 Nov 2020 17:01

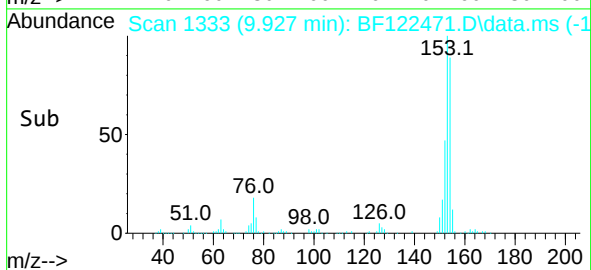
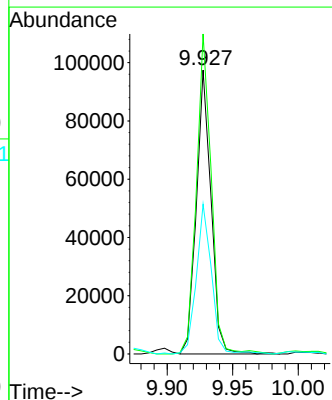
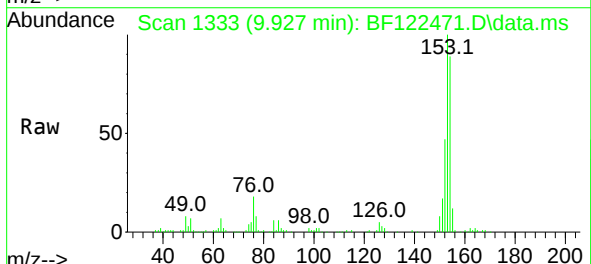
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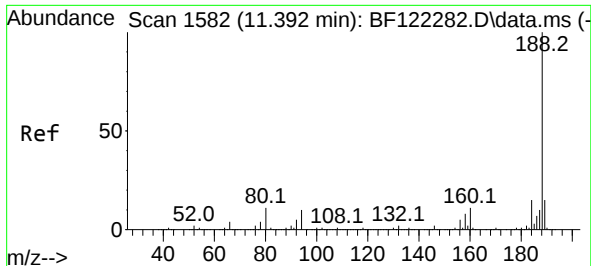
Tgt Ion:172	Resp:	81077
Ion Ratio	Lower	Upper
172	100	
171	35.4	29.1 43.7
170	23.0	19.8 29.6



#52
Acenaphthene
Concen: 3.01 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF122471.D
Acq: 24 Nov 2020 17:01

Tgt Ion:154	Resp:	76293
Ion Ratio	Lower	Upper
154	100	
153	112.7	89.8 134.8
152	52.7	43.2 64.8

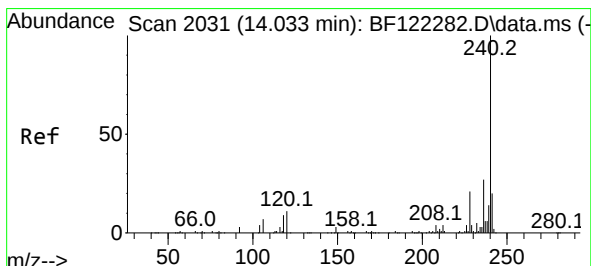
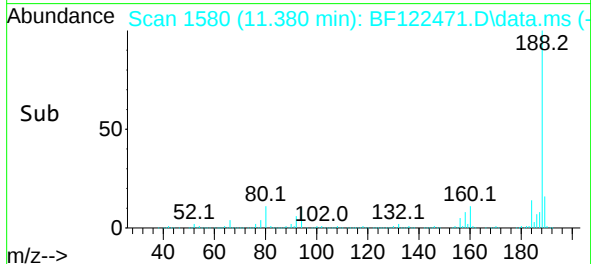
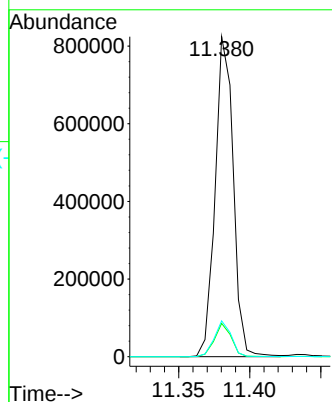
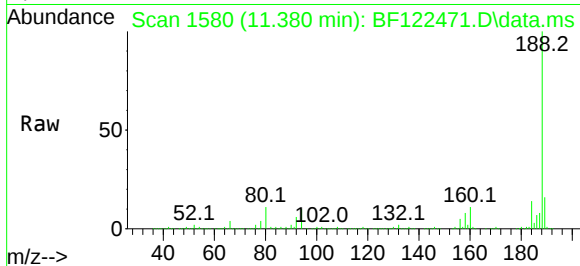




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF122471.D
Acq: 24 Nov 2020 17:01

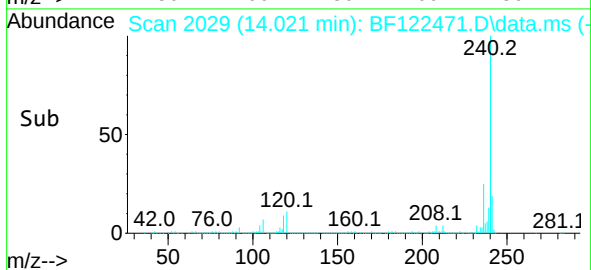
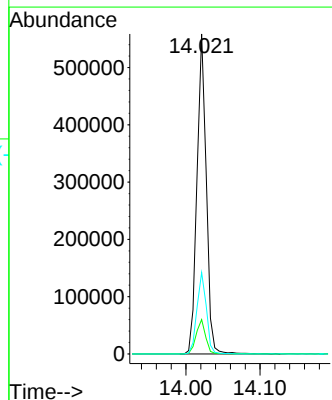
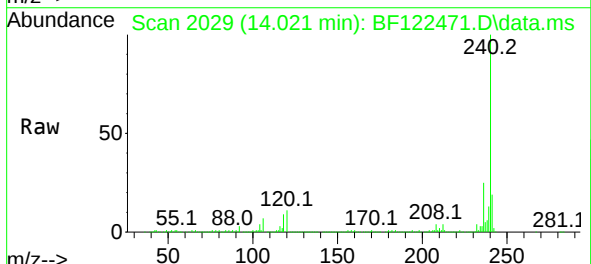
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

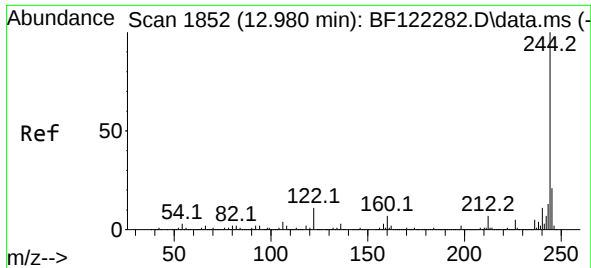
Tgt Ion:188 Resp: 731532
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 11.2 9.1 13.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF122471.D
Acq: 24 Nov 2020 17:01

Tgt Ion:240 Resp: 487812
Ion Ratio Lower Upper
240 100
120 10.8 9.2 13.8
236 25.4 20.9 31.3

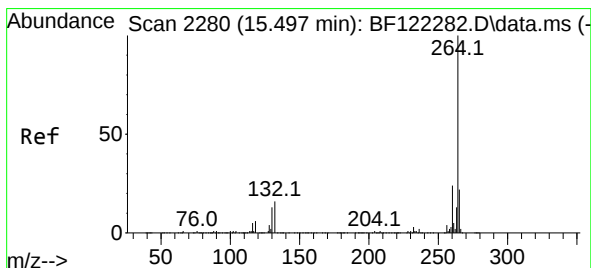
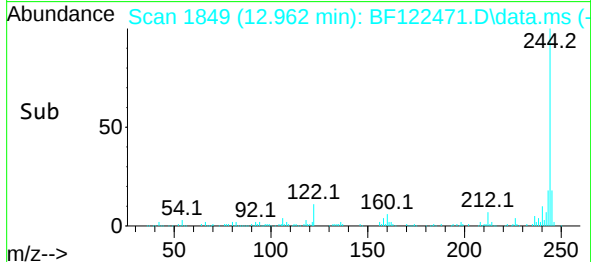
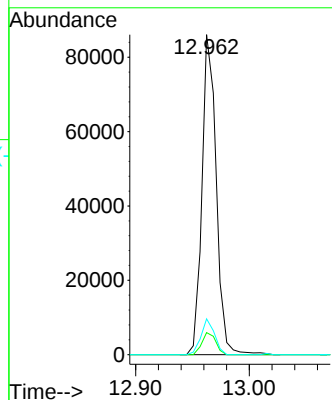
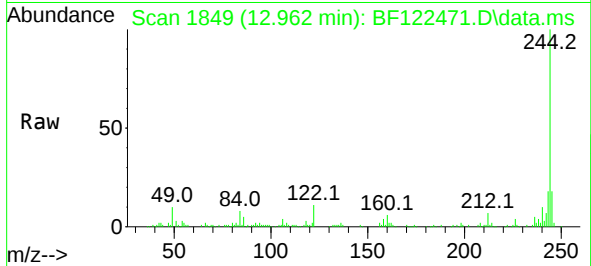




#79
 Terphenyl-d14
 Concen: 3.27 ng
 RT: 12.962 min Scan# 1849
 Delta R.T. -0.012 min
 Lab File: BF122471.D
 Acq: 24 Nov 2020 17:01

Instrument :
 BNA_F
 ClientSampleId :
 MW-14DL2

Tgt Ion:244 Resp: 75238
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 11.2 8.1 12.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.012 min
 Lab File: BF122471.D
 Acq: 24 Nov 2020 17:01

Tgt Ion:264 Resp: 506492
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 21.2 17.3 25.9

