

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131402.D
 Acq On : 25 Nov 2022 18:43
 Operator : CG\JU
 Sample : N5741-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-27

Quant Time: Nov 26 00:11:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 23:13:01 2022
 Response via : Initial Calibration

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

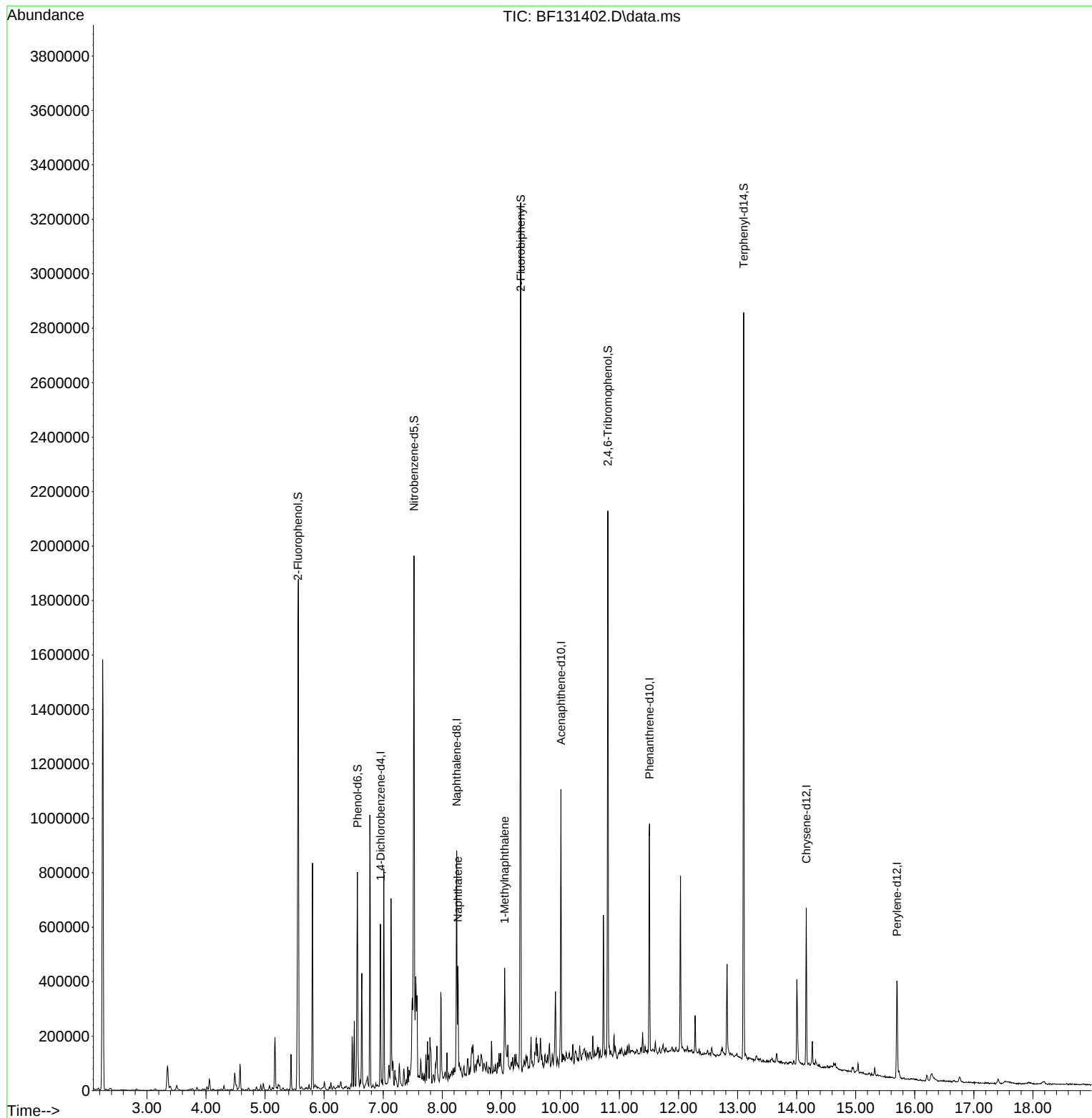
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	90112	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	321332	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	180881	20.000	ng	0.00
64) Phenanthrene-d10	11.510	188	317053	20.000	ng	0.00
76) Chrysene-d12	14.162	240	192897	20.000	ng	-0.01
86) Perylene-d12	15.698	264	172339	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	272516	57.557	ng	0.00
7) Phenol-d6	6.563	99	218274	36.132	ng	-0.02
23) Nitrobenzene-d5	7.522	82	511912	80.306	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	232693	152.910	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	938867	75.513	ng	0.00
79) Terphenyl-d14	13.104	244	957786	81.195	ng	0.00
Target Compounds						
31) Naphthalene	8.263	128	128899	7.528	ng	Qvalue 100
38) 1-Methylnaphthalene	9.057	142	43011	3.823	ng	100

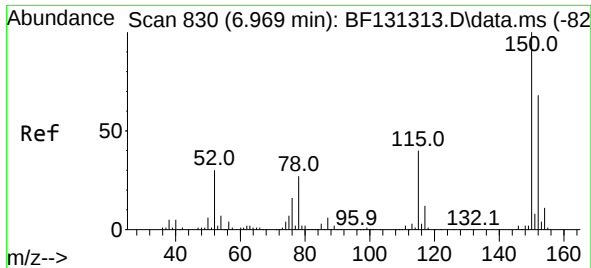
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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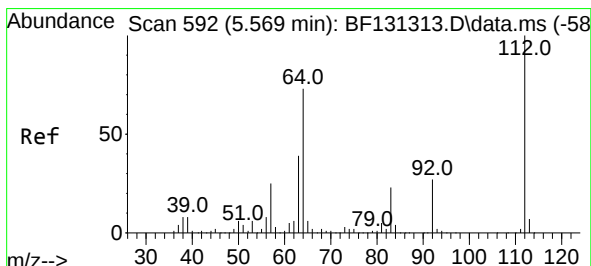
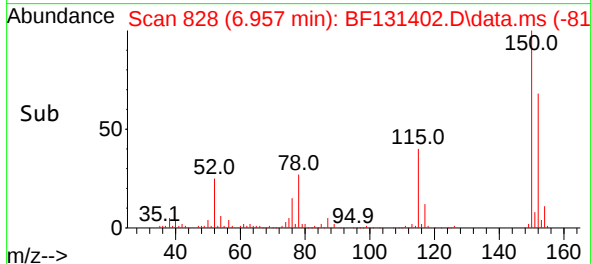
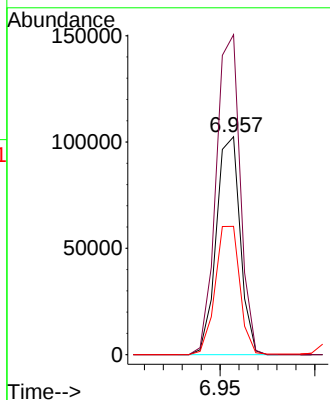
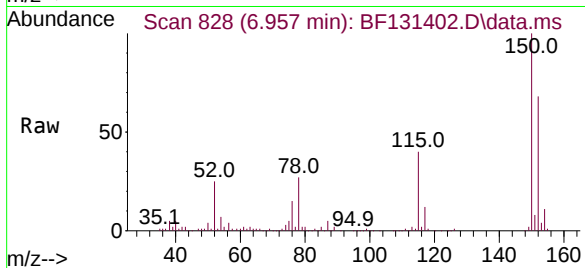




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131402.D
Acq: 25 Nov 2022 18:43

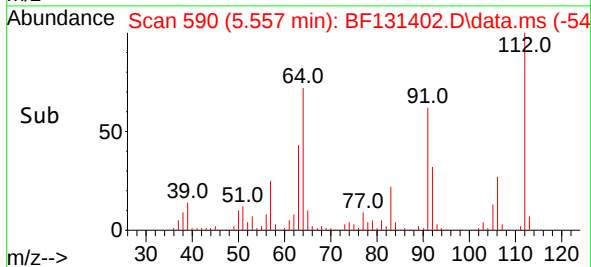
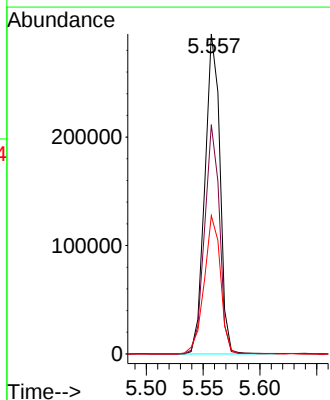
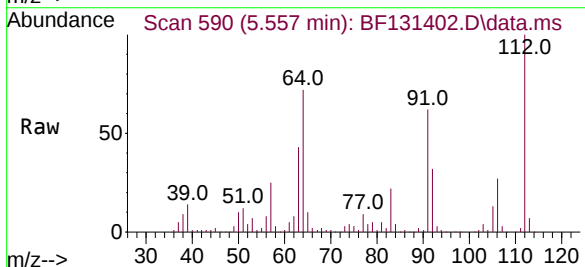
Instrument :
BNA_F
ClientSampleId :
MW-27

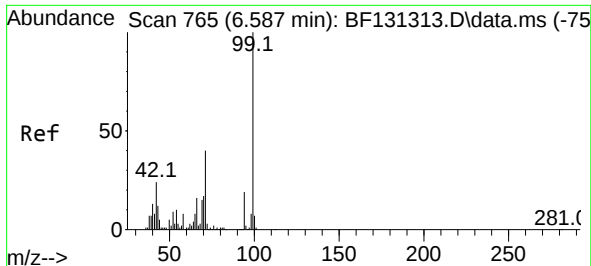
Tgt Ion:152 Resp: 90112
Ion Ratio Lower Upper
152 100
150 146.9 117.8 176.8
115 58.9 47.1 70.7



#5
2-Fluorophenol
Concen: 57.557 ng
RT: 5.557 min Scan# 590
Delta R.T. -0.006 min
Lab File: BF131402.D
Acq: 25 Nov 2022 18:43

Tgt Ion:112 Resp: 272516
Ion Ratio Lower Upper
112 100
64 71.6 58.6 88.0
63 43.2 31.4 47.0

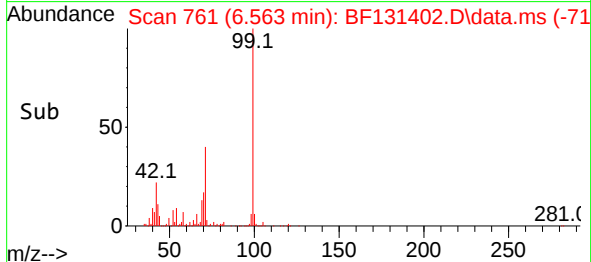
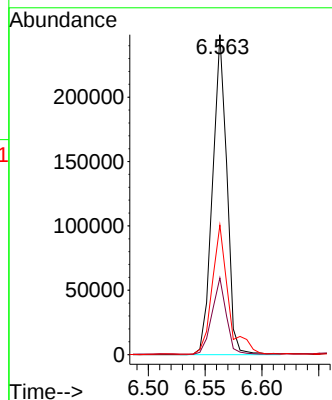
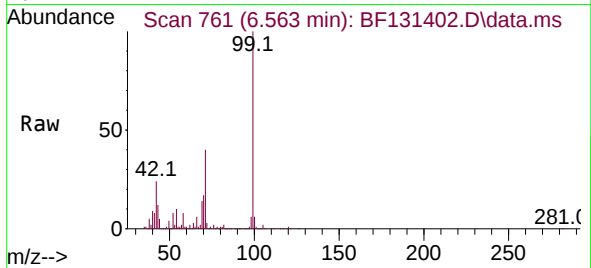




#7
Phenol-d6
Concen: 36.132 ng
RT: 6.563 min Scan# 70
Delta R.T. -0.018 min
Lab File: BF131402.D
Acq: 25 Nov 2022 18:43

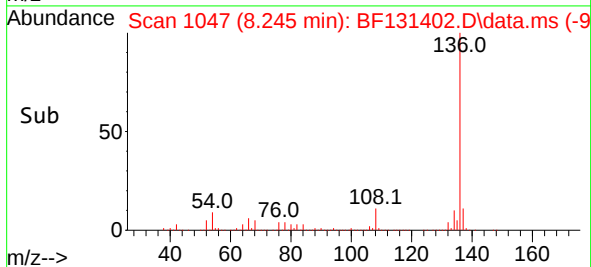
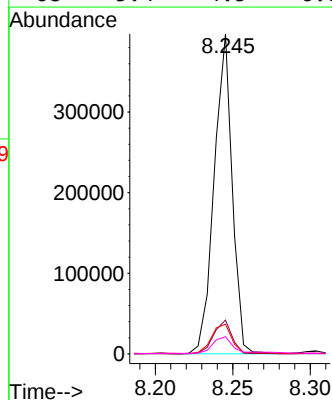
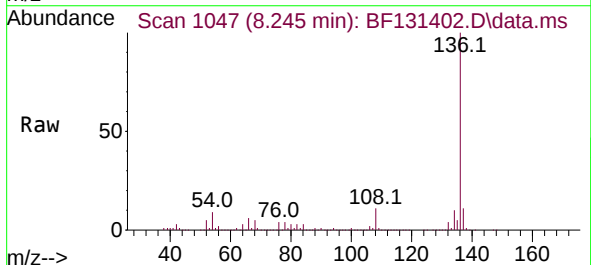
Instrument :
BNA_F
Client SampleId :
MW-27

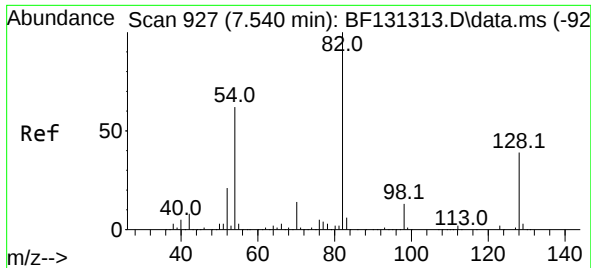
Tgt Ion: 99 Resp: 218274
Ion Ratio Lower Upper
99 100
42 24.0 19.4 29.2
71 40.5 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF131402.D
Acq: 25 Nov 2022 18:43

Tgt Ion: 136 Resp: 321332
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 9.3 9.4 14.0#
68 5.4 4.5 6.7

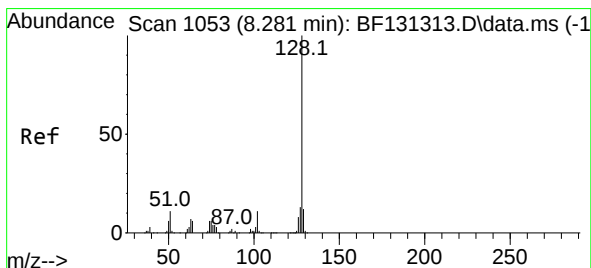
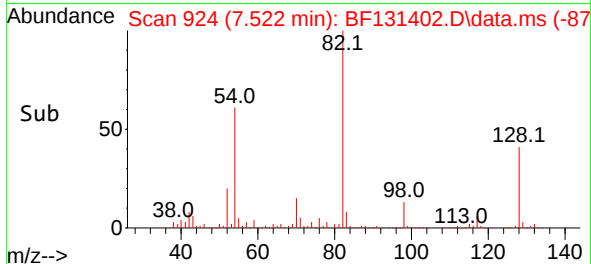
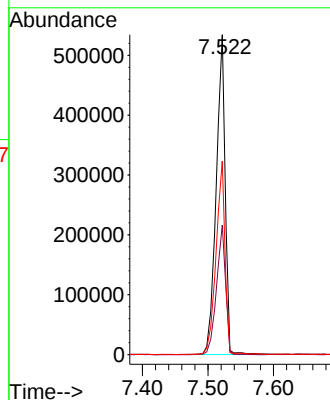
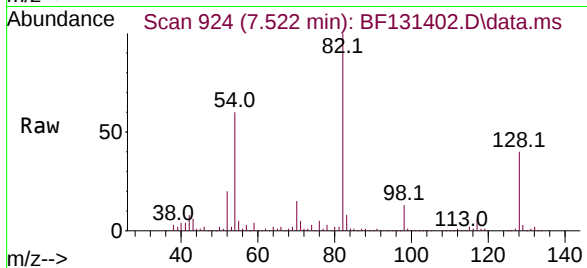




#23
Nitrobenzene-d5
Concen: 80.306 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF131402.D
Acq: 25 Nov 2022 18:43

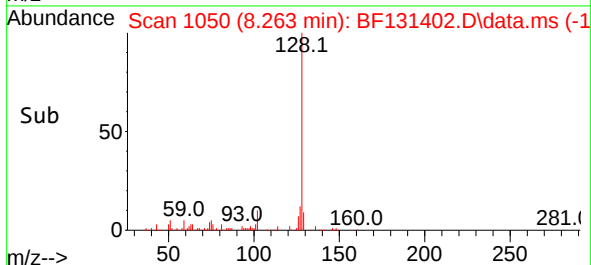
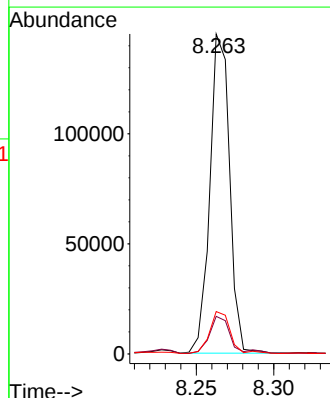
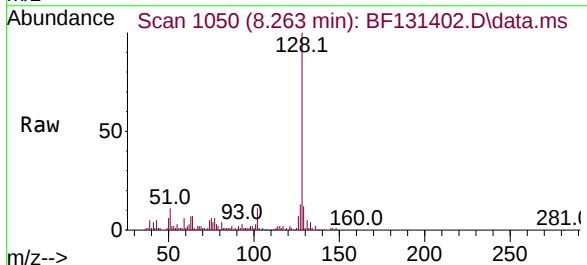
Instrument :
BNA_F
ClientSampleId :
MW-27

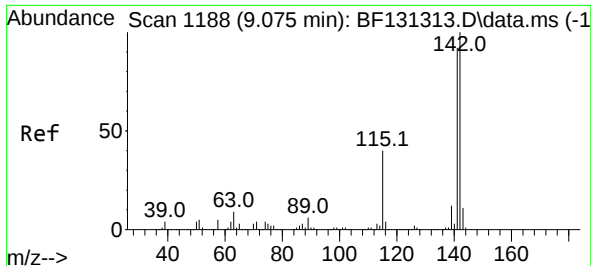
Tgt Ion: 82 Resp: 511912
Ion Ratio Lower Upper
82 100
128 40.5 31.4 47.0
54 60.5 49.8 74.6



#31
Naphthalene
Concen: 7.528 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.012 min
Lab File: BF131402.D
Acq: 25 Nov 2022 18:43

Tgt Ion: 128 Resp: 128899
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.2 10.6 16.0

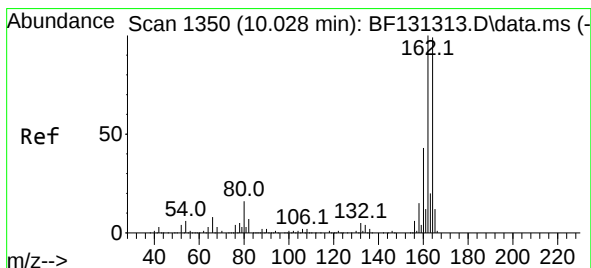
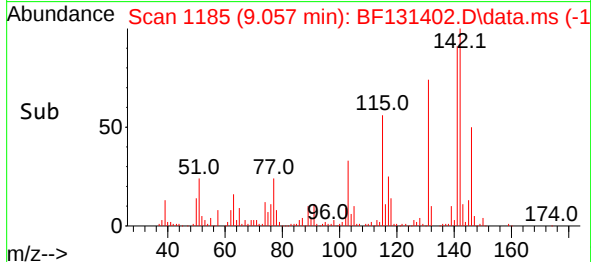
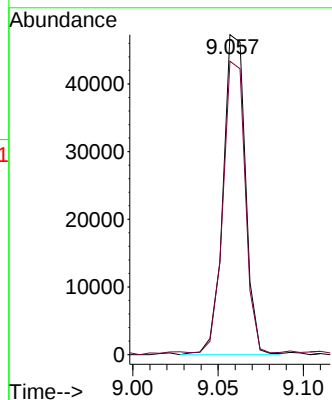
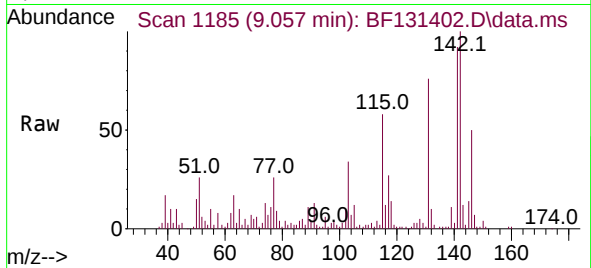




#38
1-Methylnaphthalene
Concen: 3.823 ng
RT: 9.057 min Scan# 1188
Delta R.T. -0.012 min
Lab File: BF131402.D
Acq: 25 Nov 2022 18:43

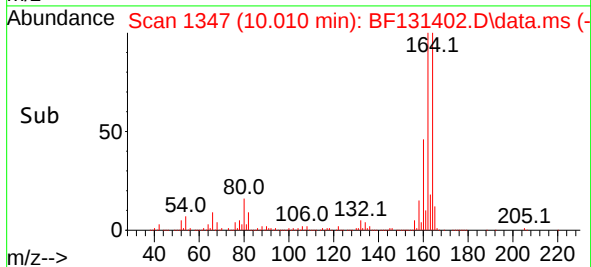
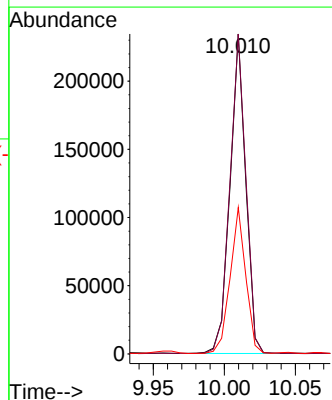
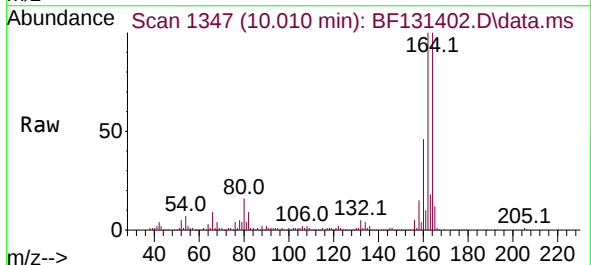
Instrument :
BNA_F
ClientSampleId :
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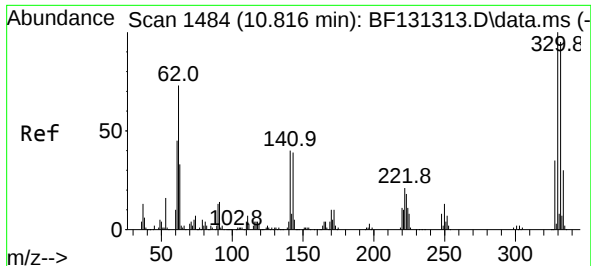
Tgt Ion:142 Resp: 43011
Ion Ratio Lower Upper
142 100
141 91.7 73.4 110.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF131402.D
Acq: 25 Nov 2022 18:43

Tgt Ion:164 Resp: 180881
Ion Ratio Lower Upper
164 100
162 99.9 80.6 120.8
160 45.7 34.4 51.6

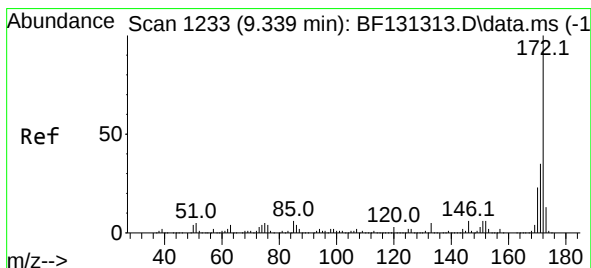
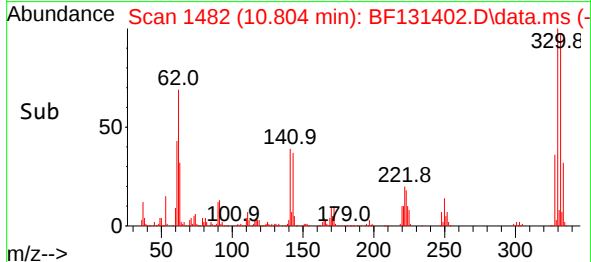
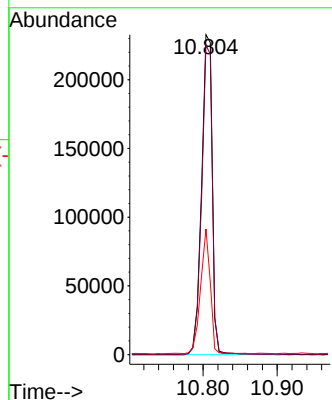
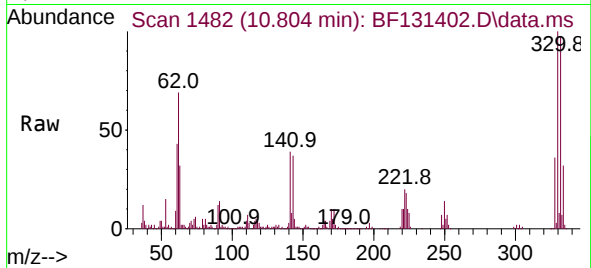




#42
2,4,6-Tribromophenol
Concen: 152.910 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF131402.D
Acq: 25 Nov 2022 18:43

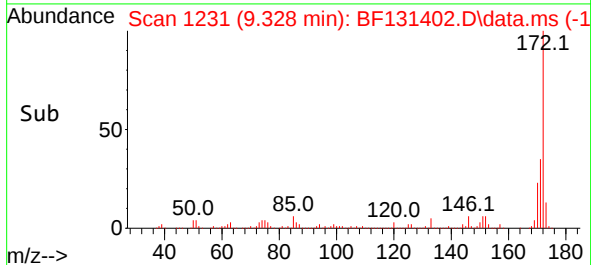
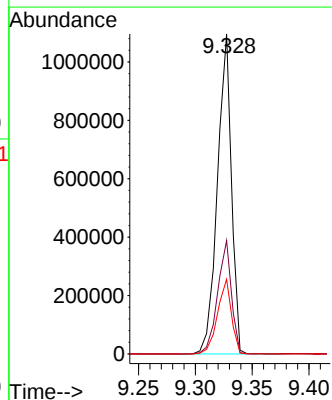
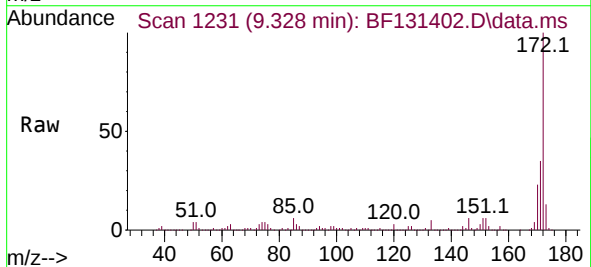
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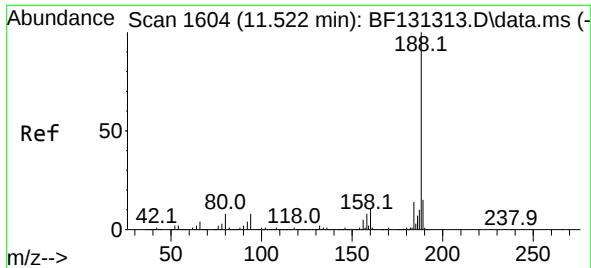
Tgt Ion: 330 Resp: 232693
Ion Ratio Lower Upper
330 100
332 95.8 77.5 116.3
141 35.7 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 75.513 ng
RT: 9.328 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF131402.D
Acq: 25 Nov 2022 18:43

Tgt Ion: 172 Resp: 938867
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.3 18.7 28.1

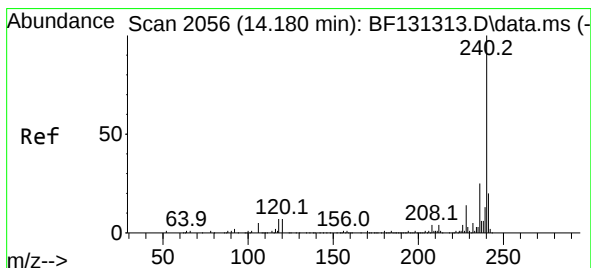
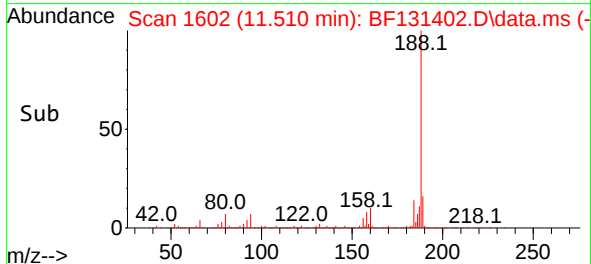
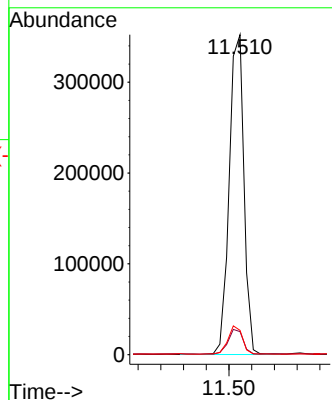
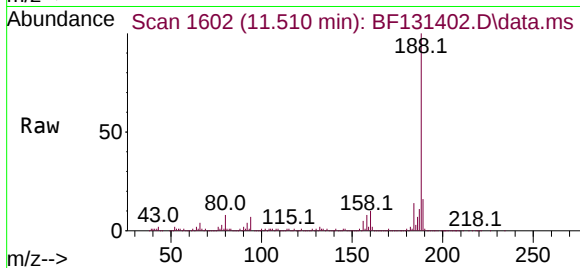




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.510 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF131402.D
Acq: 25 Nov 2022 18:43

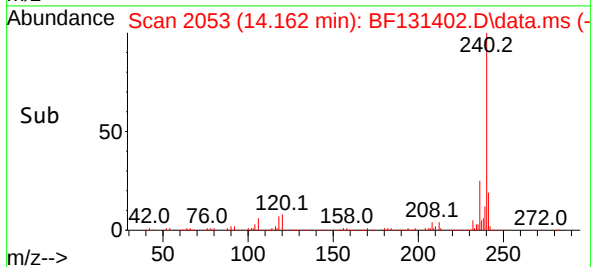
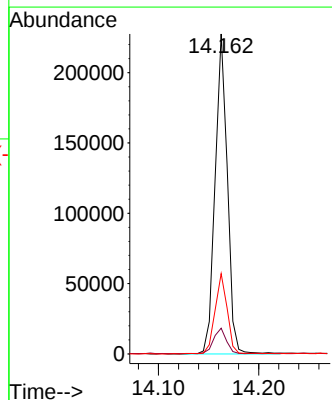
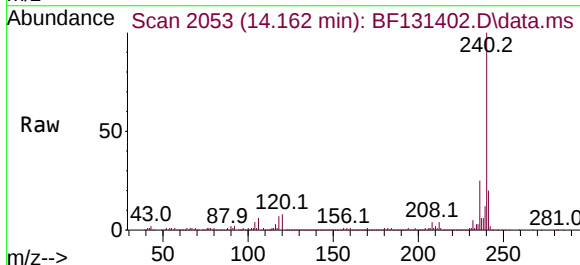
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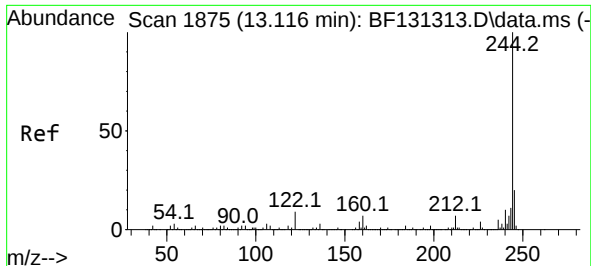
Tgt Ion:188 Resp: 317053
Ion Ratio Lower Upper
188 100
94 7.2 6.3 9.5
80 7.6 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.162 min Scan# 2053
Delta R.T. -0.012 min
Lab File: BF131402.D
Acq: 25 Nov 2022 18:43

Tgt Ion:240 Resp: 192897
Ion Ratio Lower Upper
240 100
120 8.0 5.8 8.8
236 25.1 20.3 30.5

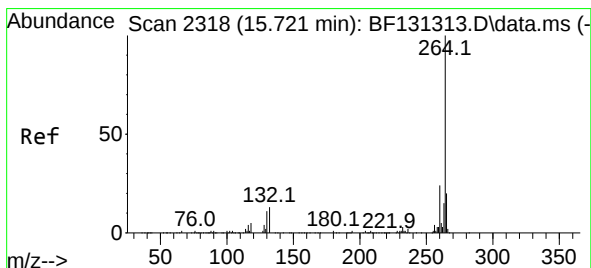
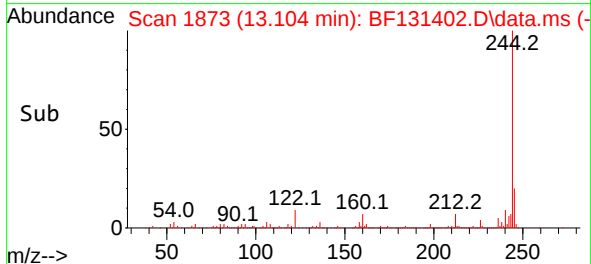
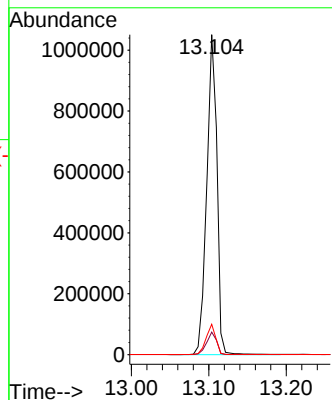
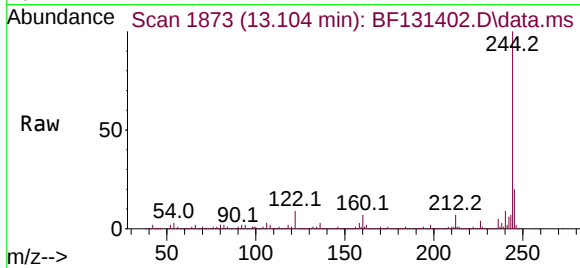




#79
 Terphenyl-d14
 Concen: 81.195 ng
 RT: 13.104 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: BF131402.D
 Acq: 25 Nov 2022 18:43

Instrument :
 BNA_F
 ClientSampleId :
 MW-27

Tgt Ion:244 Resp: 957786
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 9.5 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.698 min Scan# 2314
 Delta R.T. -0.012 min
 Lab File: BF131402.D
 Acq: 25 Nov 2022 18:43

Tgt Ion:264 Resp: 172339
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.0 28.4
 265 20.9 16.4 24.6

