

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
 Data File : BF129808.D
 Acq On : 16 Aug 2022 13:17
 Operator : CG\JU
 Sample : N4136-01RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-4RE

Quant Time: Aug 17 02:31:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	159461	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	646958	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	343476	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	570507	20.000	ng	0.00
76) Chrysene-d12	13.998	240	301120	20.000	ng	0.00
86) Perylene-d12	15.474	264	286122	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	39291	4.080	ng	0.01
7) Phenol-d6	6.481	99	213852	17.731	ng	0.00
23) Nitrobenzene-d5	7.387	82	641911	53.114	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	2295	0.666	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1175431	51.976	ng	0.00
79) Terphenyl-d14	12.933	244	1018299	56.269	ng	0.00

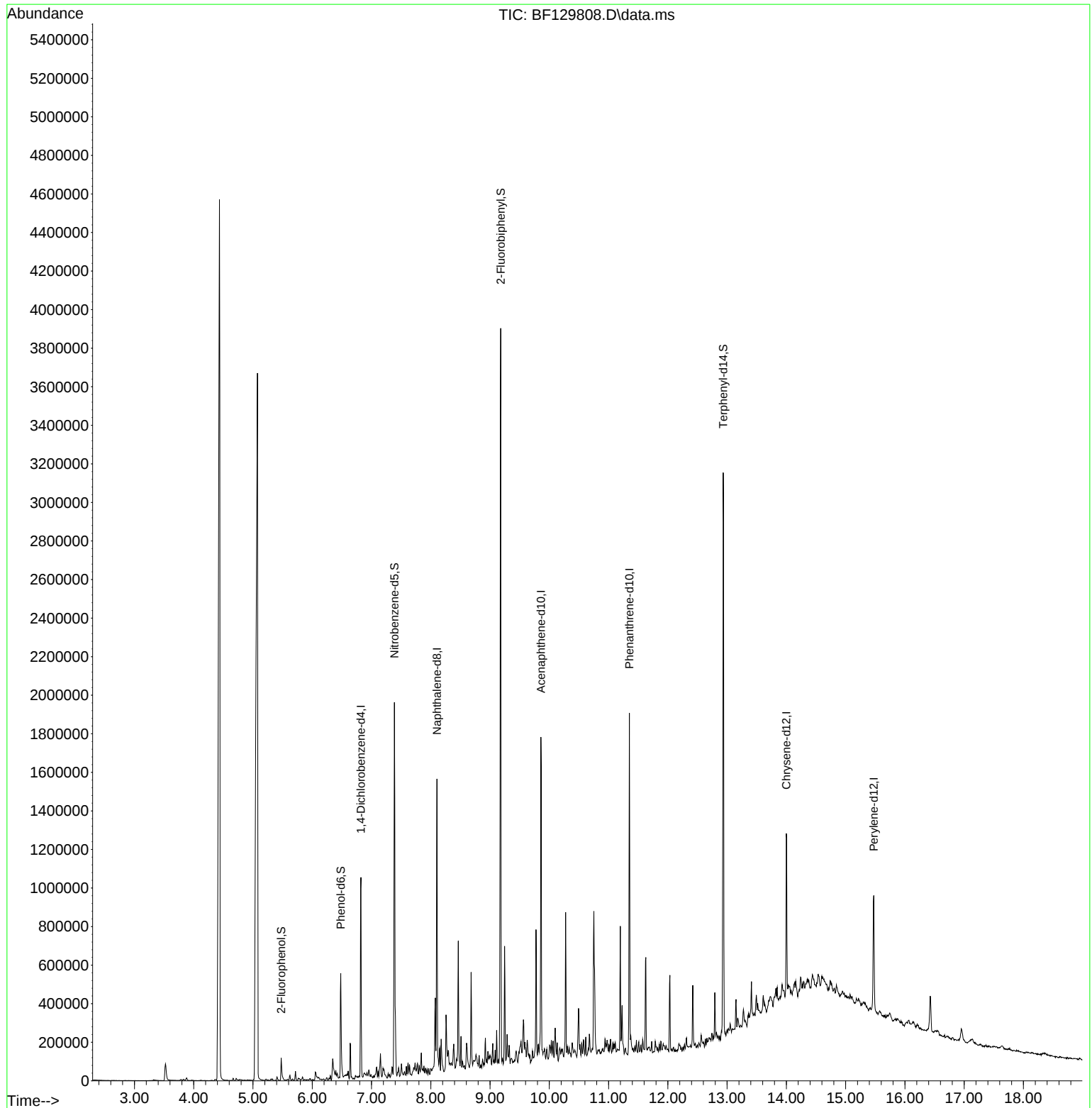
Target Compounds Qvalue

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

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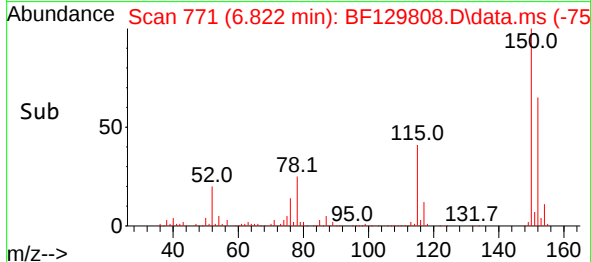
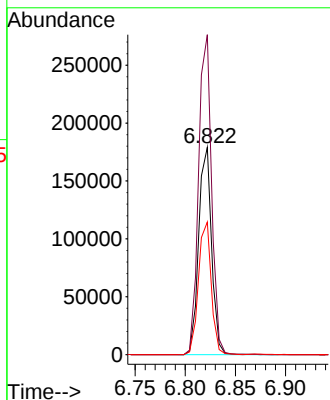
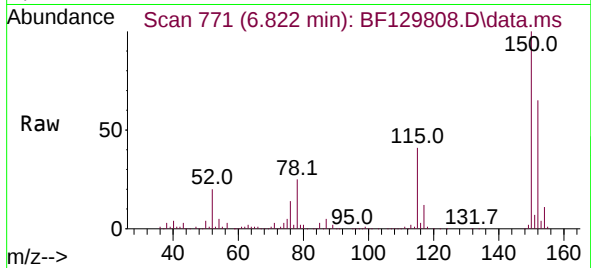




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF129808.D
Acq: 16 Aug 2022 13:17

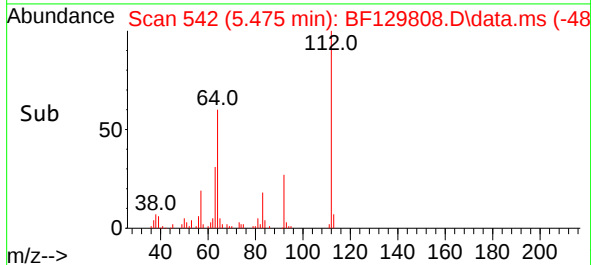
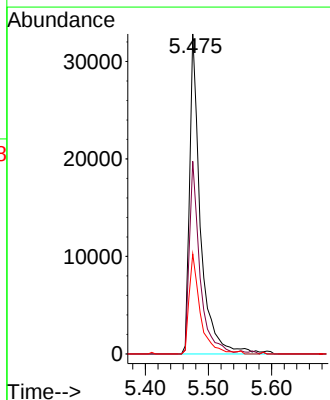
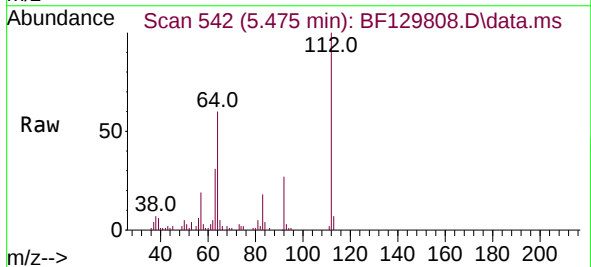
Instrument :
BNA_F
ClientSampleId :
WC-4RE

Tgt Ion:152 Resp: 159461
Ion Ratio Lower Upper
152 100
150 154.4 126.9 190.3
115 64.0 53.4 80.0



#5
2-Fluorophenol
Concen: 4.080 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.012 min
Lab File: BF129808.D
Acq: 16 Aug 2022 13:17

Tgt Ion:112 Resp: 39291
Ion Ratio Lower Upper
112 100
64 60.2 47.6 71.4
63 31.2 24.6 37.0

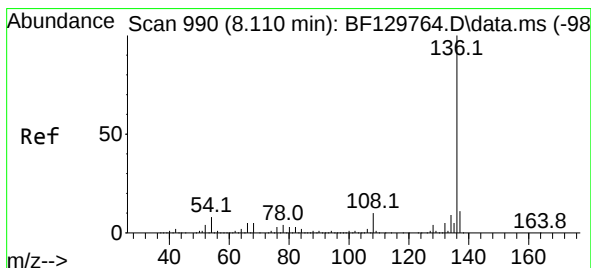
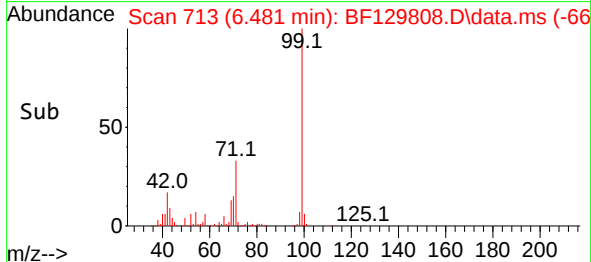
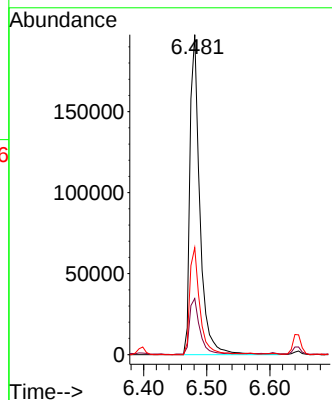
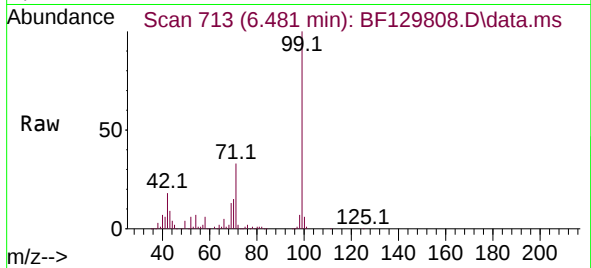




#7
Phenol-d6
Concen: 17.731 ng
RT: 6.481 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF129808.D
Acq: 16 Aug 2022 13:17

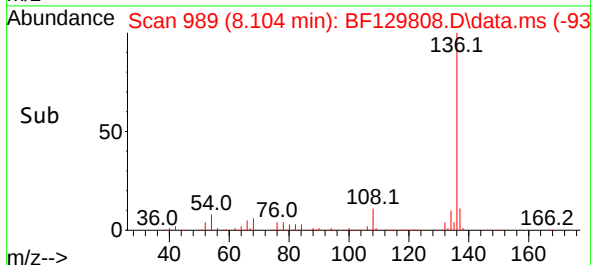
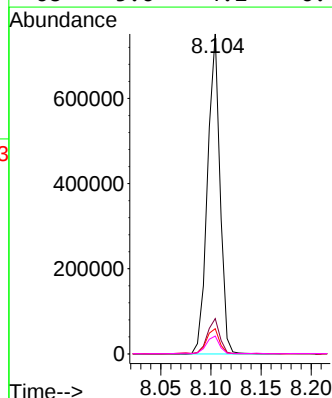
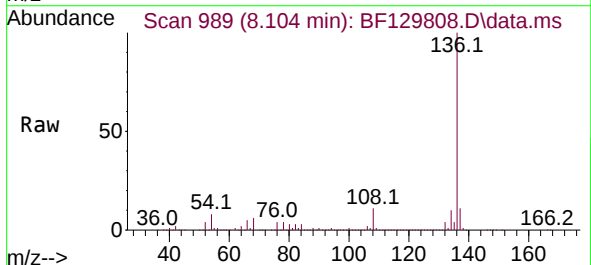
Instrument :
BNA_F
ClientSampleId :
WC-4RE

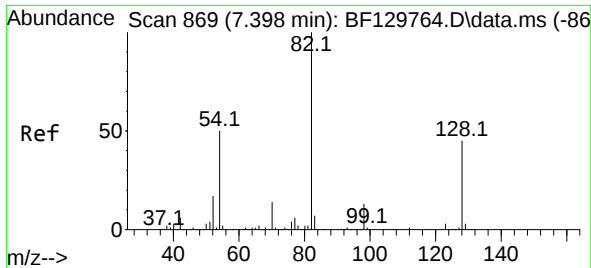
Tgt Ion: 99 Resp: 213852
Ion Ratio Lower Upper
99 100
42 17.5 15.0 22.4
71 33.5 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129808.D
Acq: 16 Aug 2022 13:17

Tgt Ion:136 Resp: 646958
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.9 6.2 9.2
68 5.6 4.2 6.4

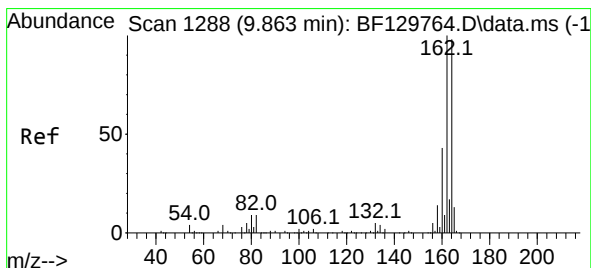
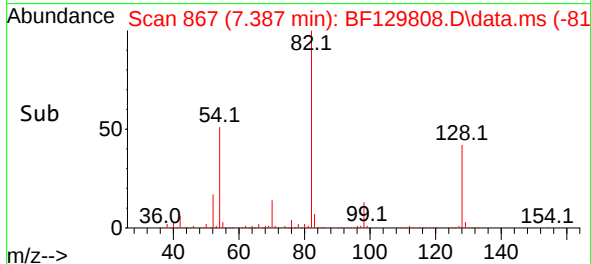
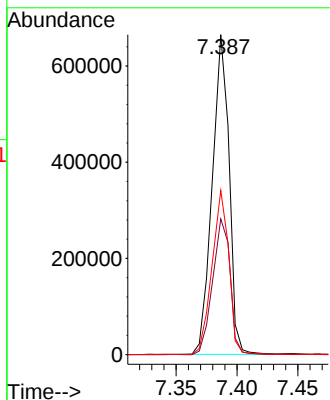
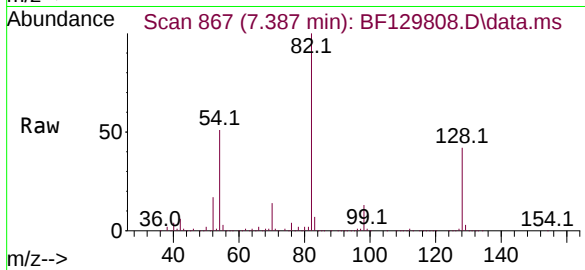




#23
Nitrobenzene-d5
Concen: 53.114 ng
RT: 7.387 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF129808.D
Acq: 16 Aug 2022 13:17

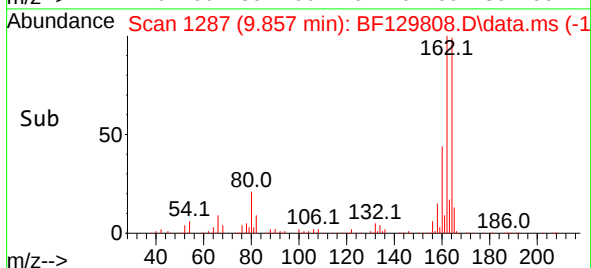
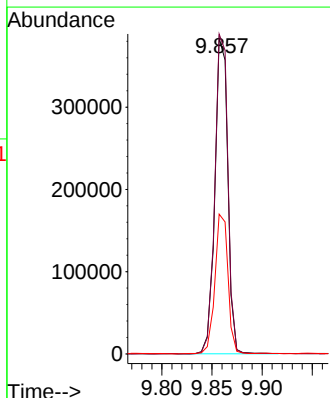
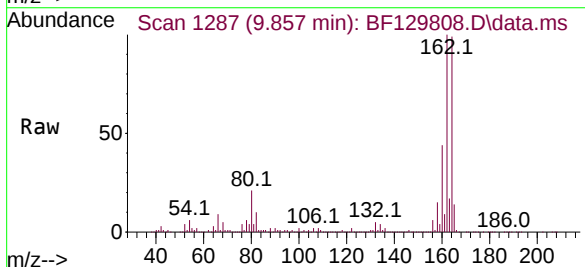
Instrument :
BNA_F
ClientSampleId :
WC-4RE

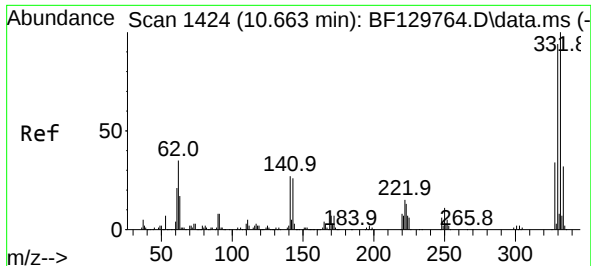
Tgt Ion: 82 Resp: 641911
Ion Ratio Lower Upper
82 100
128 42.5 36.1 54.1
54 51.3 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF129808.D
Acq: 16 Aug 2022 13:17

Tgt Ion: 164 Resp: 343476
Ion Ratio Lower Upper
164 100
162 101.3 82.0 123.0
160 44.3 35.4 53.0

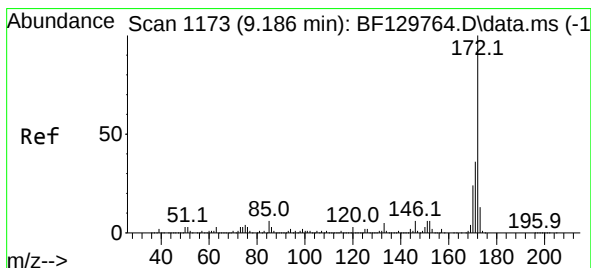
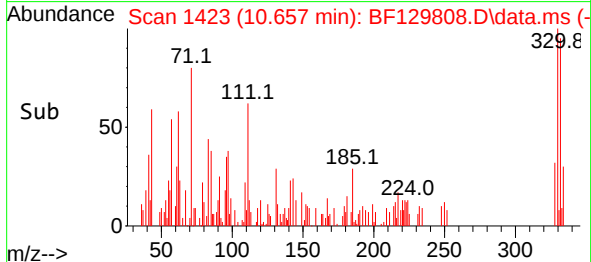
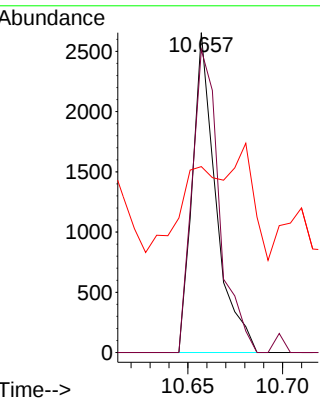
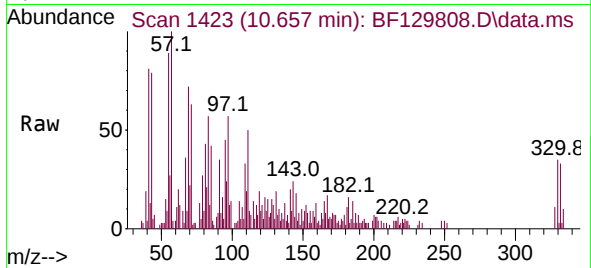




#42
2,4,6-Tribromophenol
Concen: 0.666 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF129808.D
Acq: 16 Aug 2022 13:17

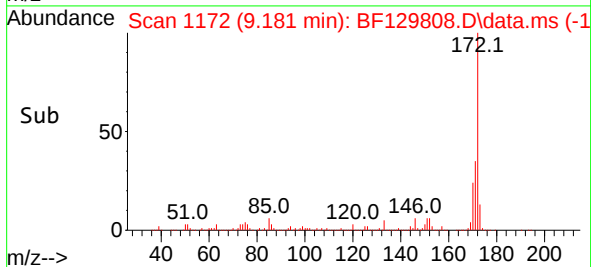
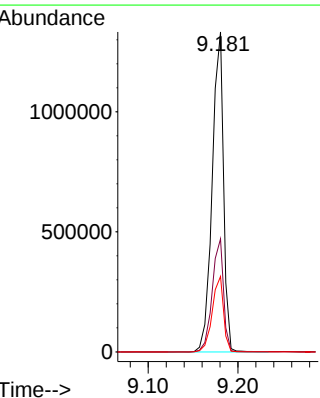
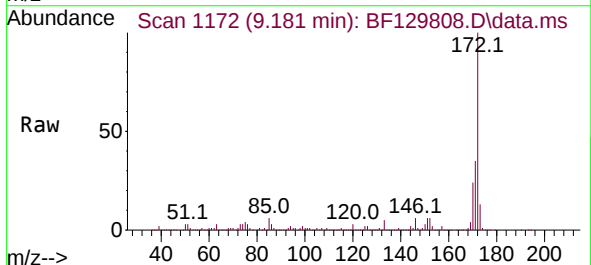
Instrument :
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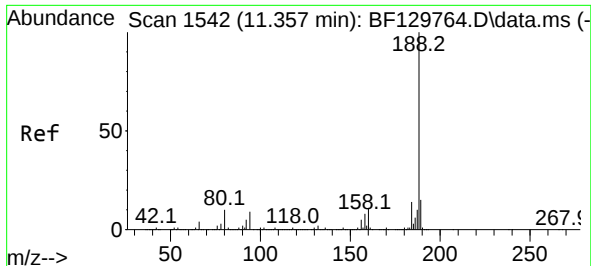
Tgt Ion:	330	Resp:	2295
Ion	Ratio	Lower	Upper
330	100		
332	109.5	82.6	124.0
141	49.0	27.6	41.4



#45
2-Fluorobiphenyl
Concen: 51.976 ng
RT: 9.181 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF129808.D
Acq: 16 Aug 2022 13:17

Tgt Ion:	172	Resp:	1175431
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.4	42.6
170	23.6	19.1	28.7

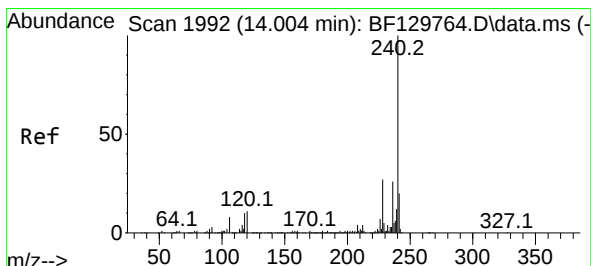
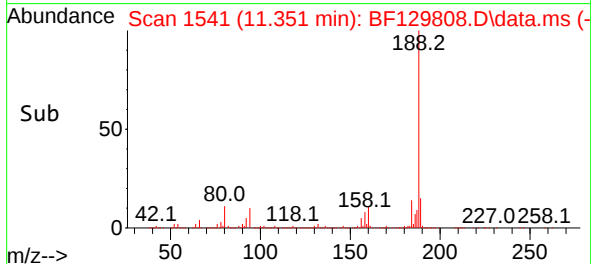
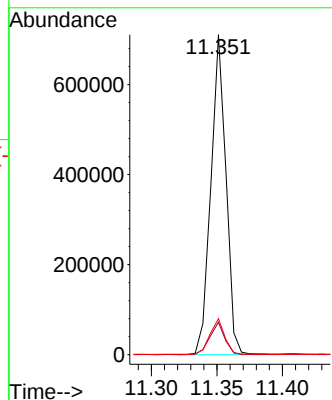
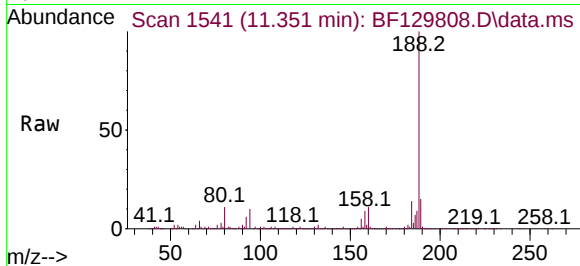




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129808.D
Acq: 16 Aug 2022 13:17

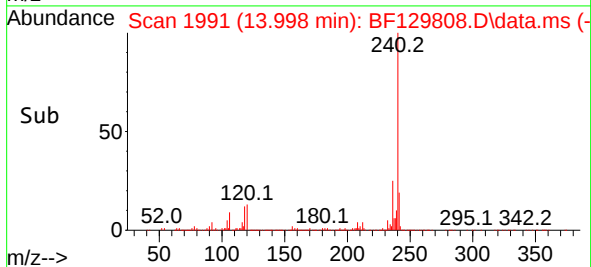
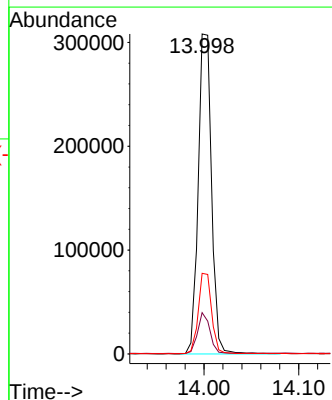
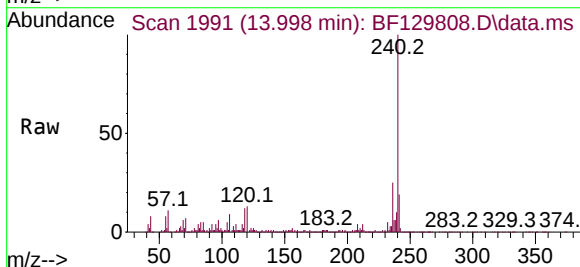
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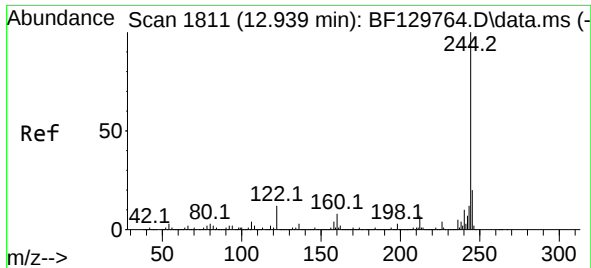
Tgt Ion:188 Resp: 570507
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.2
80 11.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF129808.D
Acq: 16 Aug 2022 13:17

Tgt Ion:240 Resp: 301120
Ion Ratio Lower Upper
240 100
120 12.9 9.2 13.8
236 25.2 20.7 31.1

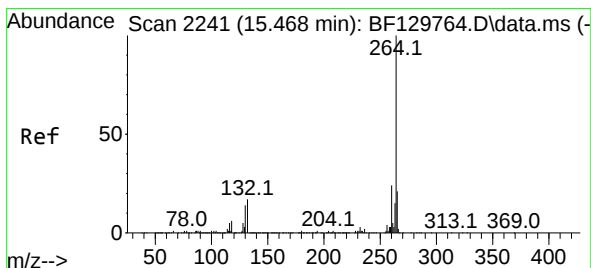
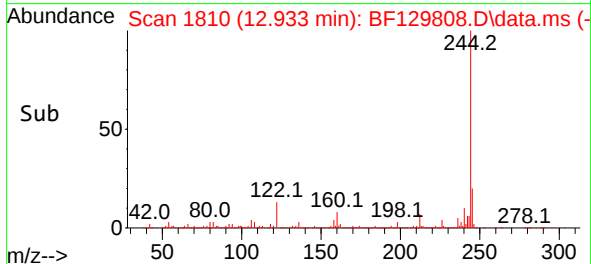
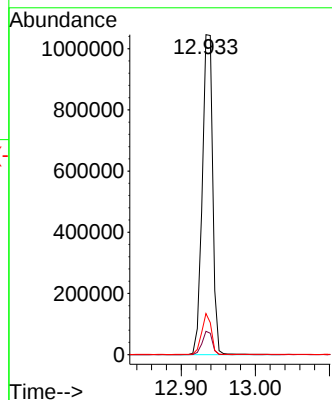
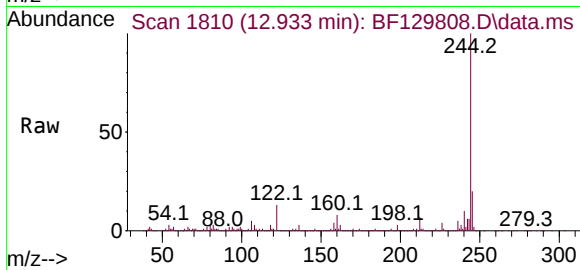




#79
 Terphenyl-d14
 Concen: 56.269 ng
 RT: 12.933 min Scan# 1811
 Delta R.T. -0.006 min
 Lab File: BF129808.D
 Acq: 16 Aug 2022 13:17

Instrument :
 BNA_F
 ClientSampleId :
 WC-4RE

Tgt Ion:244 Resp: 1018299
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 12.8 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2242
 Delta R.T. 0.006 min
 Lab File: BF129808.D
 Acq: 16 Aug 2022 13:17

Tgt Ion:264 Resp: 286122
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 22.0 16.7 25.1

