

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
 Data File : BF129991.D
 Acq On : 25 Aug 2022 02:13
 Operator : CG\JU
 Sample : N4277-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1

Quant Time: Aug 25 04:19:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 04:08:38 2022
 Response via : Initial Calibration

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

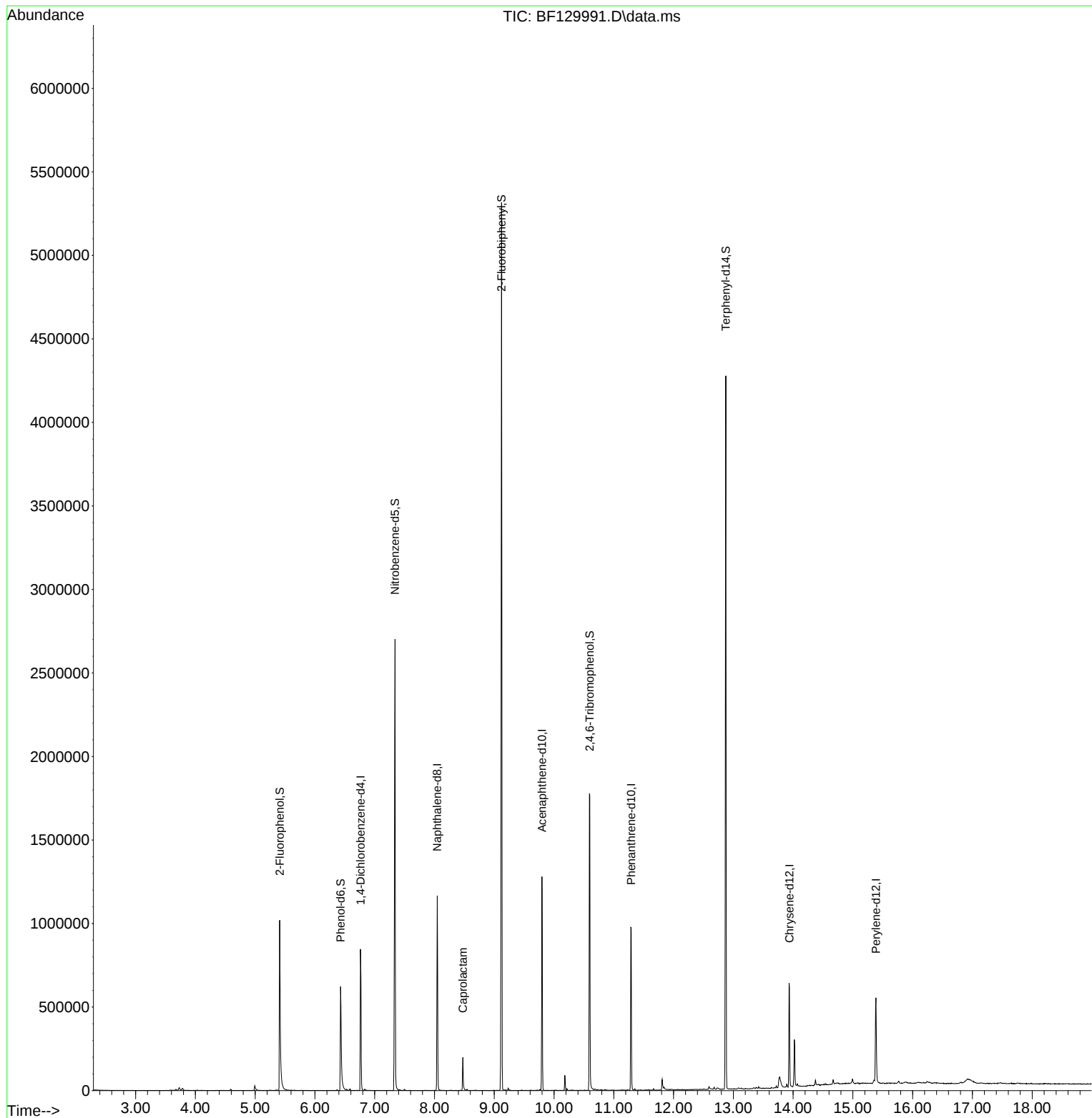
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	116360	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	456664	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	230730	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	355754	20.000	ng	0.00
76) Chrysene-d12	13.939	240	213629	20.000	ng	0.00
86) Perylene-d12	15.386	264	221670	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	317802	45.220	ng	0.00
7) Phenol-d6	6.428	99	238516	27.102	ng	0.00
23) Nitrobenzene-d5	7.339	82	842448	98.755	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	208502	90.038	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1468126	96.641	ng	0.00
79) Terphenyl-d14	12.874	244	1290872	100.545	ng	0.00
Target Compounds						
35) Caprolactam	8.475	113	17806	8.630	ng	Qvalue 94

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

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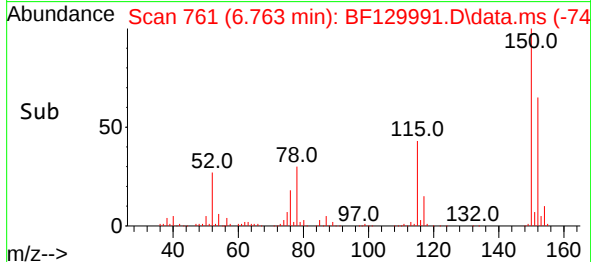
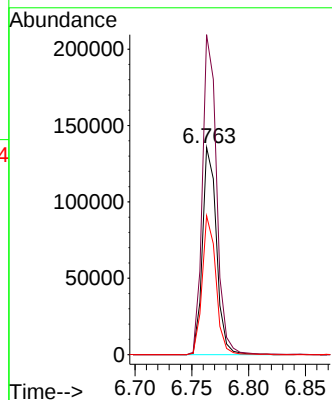
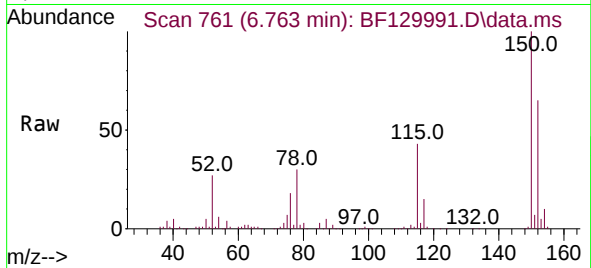




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: BF129991.D
 Acq: 25 Aug 2022 02:13

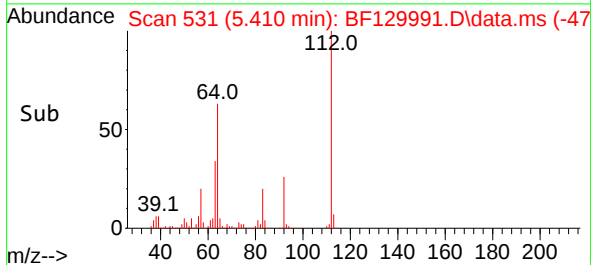
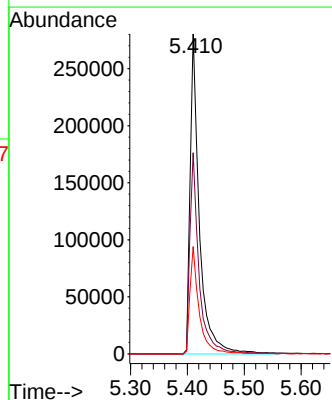
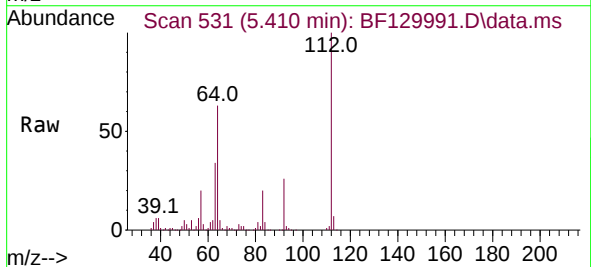
Instrument :
 BNA_F
 ClientSampleId :
 B-1

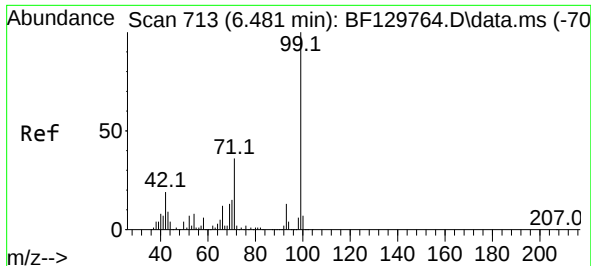
Tgt Ion:152 Resp: 116360
 Ion Ratio Lower Upper
 152 100
 150 154.5 126.9 190.3
 115 67.1 53.4 80.0



#5
 2-Fluorophenol
 Concen: 45.220 ng
 RT: 5.410 min Scan# 531
 Delta R.T. 0.006 min
 Lab File: BF129991.D
 Acq: 25 Aug 2022 02:13

Tgt Ion:112 Resp: 317802
 Ion Ratio Lower Upper
 112 100
 64 62.9 47.6 71.4
 63 33.5 24.6 37.0

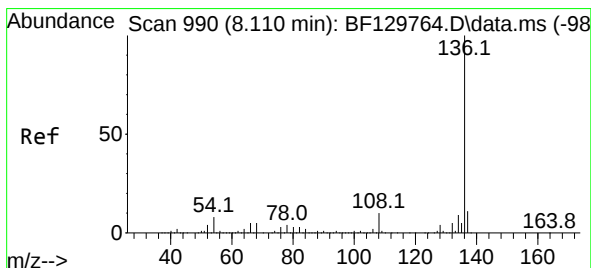
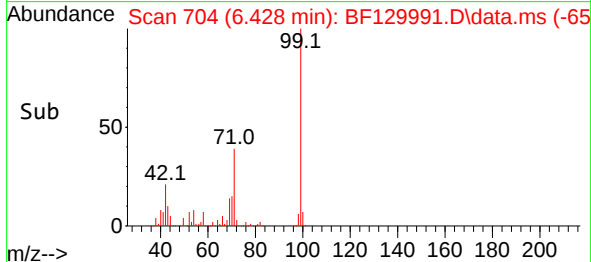
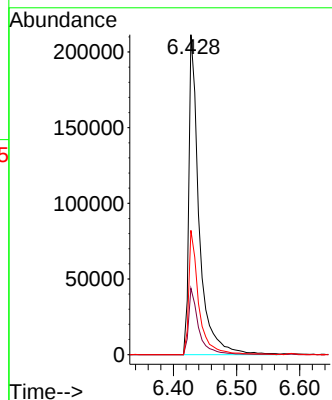
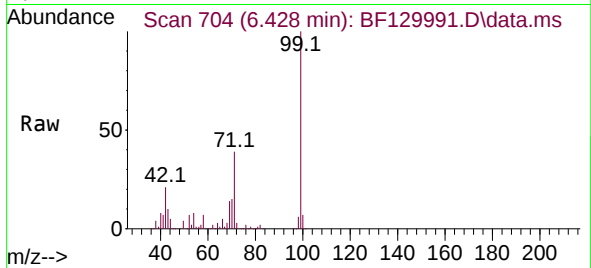




#7
Phenol-d6
Concen: 27.102 ng
RT: 6.428 min Scan# 704
Delta R.T. -0.000 min
Lab File: BF129991.D
Acq: 25 Aug 2022 02:13

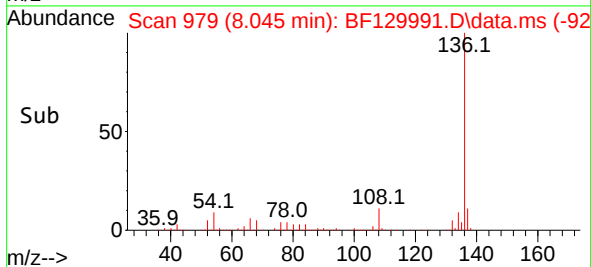
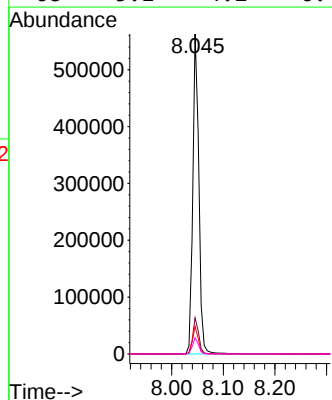
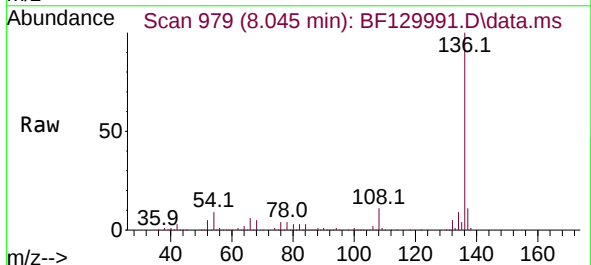
Instrument :
BNA_F
ClientSampleId :
B-1

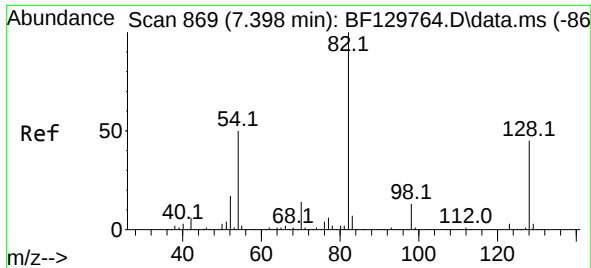
Tgt Ion: 99 Resp: 238516
Ion Ratio Lower Upper
99 100
42 20.7 15.0 22.4
71 38.8 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF129991.D
Acq: 25 Aug 2022 02:13

Tgt Ion: 136 Resp: 456664
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 8.6 6.2 9.2
68 5.1 4.2 6.4

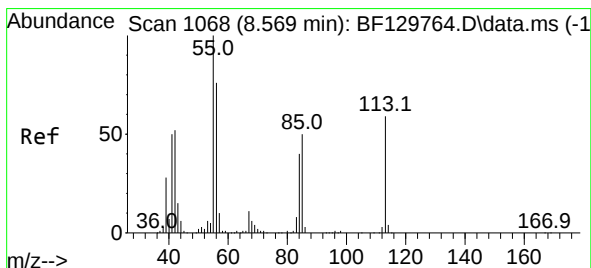
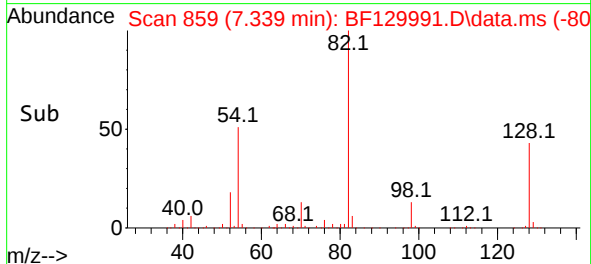
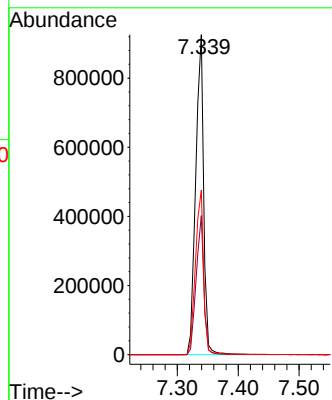
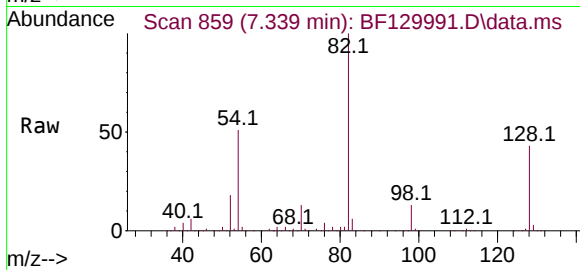




#23
Nitrobenzene-d5
Concen: 98.755 ng
RT: 7.339 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129991.D
Acq: 25 Aug 2022 02:13

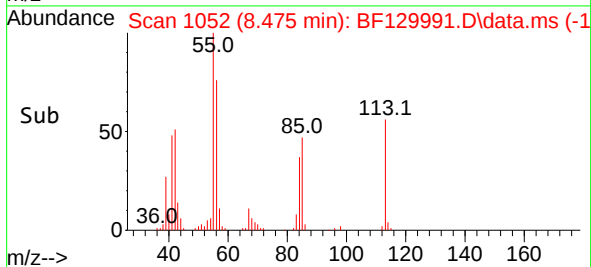
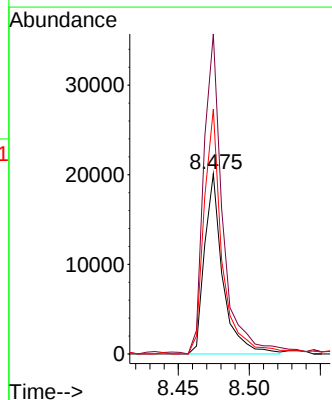
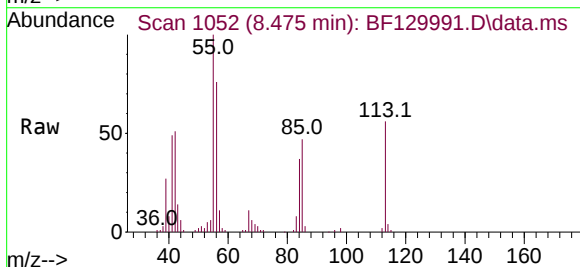
Instrument :
BNA_F
ClientSampleId :
B-1

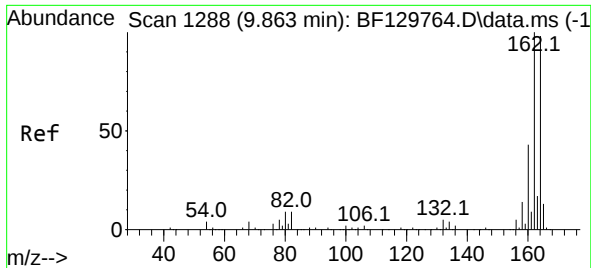
Tgt Ion: 82 Resp: 842448
Ion Ratio Lower Upper
82 100
128 43.4 36.1 54.1
54 51.4 40.0 60.0



#35
Caprolactam
Concen: 8.630 ng
RT: 8.475 min Scan# 1052
Delta R.T. -0.041 min
Lab File: BF129991.D
Acq: 25 Aug 2022 02:13

Tgt Ion: 113 Resp: 17806
Ion Ratio Lower Upper
113 100
55 177.6 148.8 188.8
56 135.9 109.1 149.1

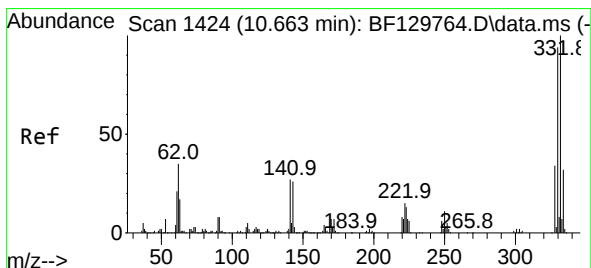
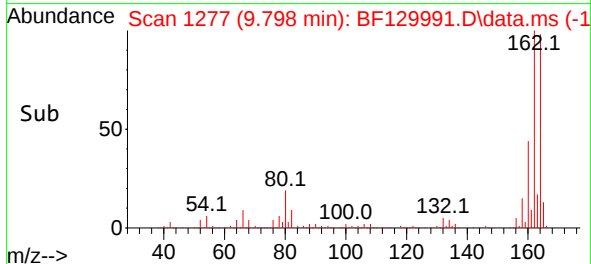
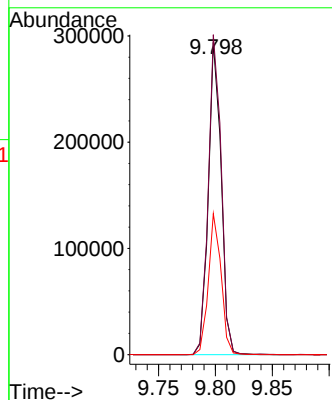
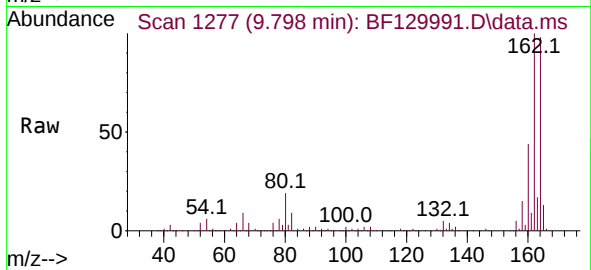




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129991.D
Acq: 25 Aug 2022 02:13

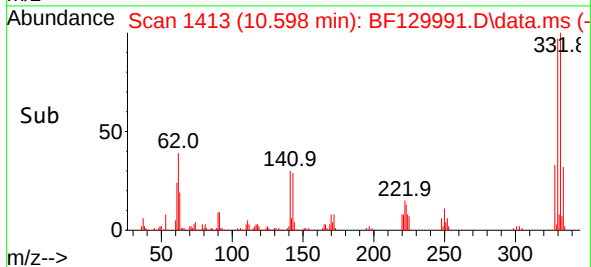
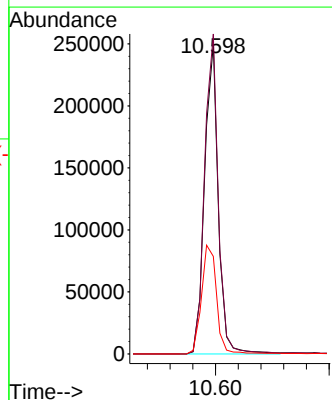
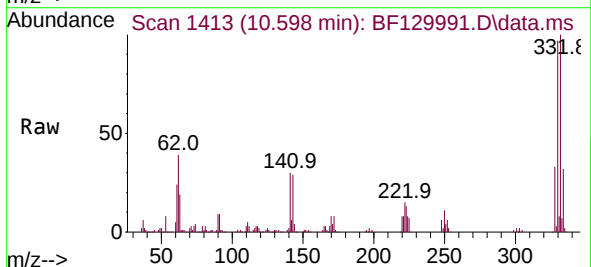
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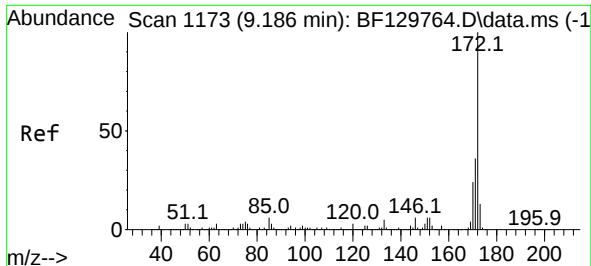
Tgt Ion:164 Resp: 230730
Ion Ratio Lower Upper
164 100
162 102.5 82.0 123.0
160 45.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 90.038 ng
RT: 10.598 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF129991.D
Acq: 25 Aug 2022 02:13

Tgt Ion:330 Resp: 208502
Ion Ratio Lower Upper
330 100
332 103.7 82.6 124.0
141 38.9 27.6 41.4

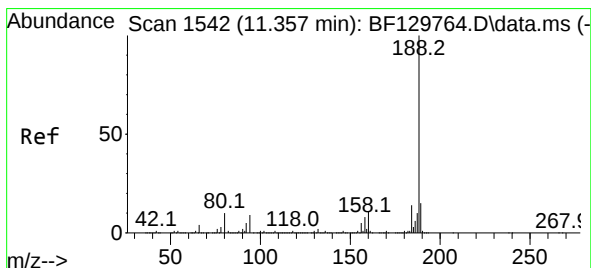
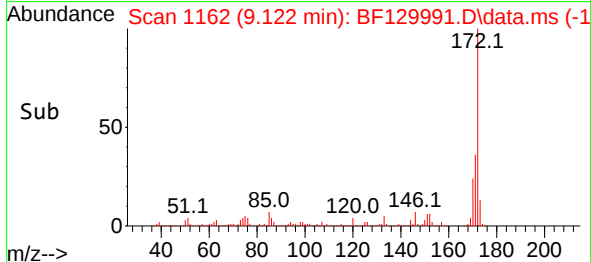
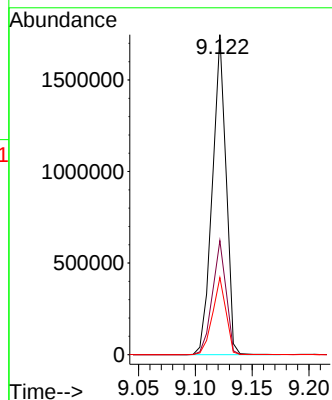
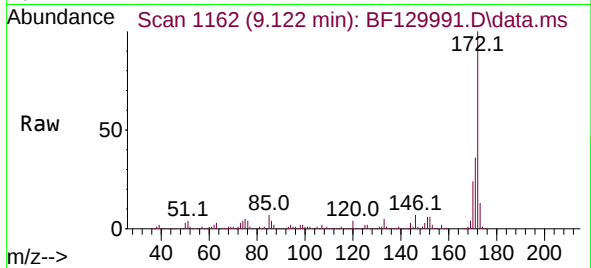




#45
2-Fluorobiphenyl
Concen: 96.641 ng
RT: 9.122 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF129991.D
Acq: 25 Aug 2022 02:13

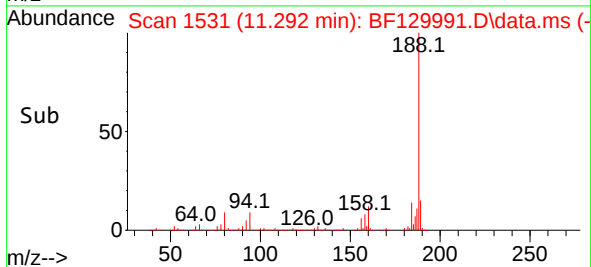
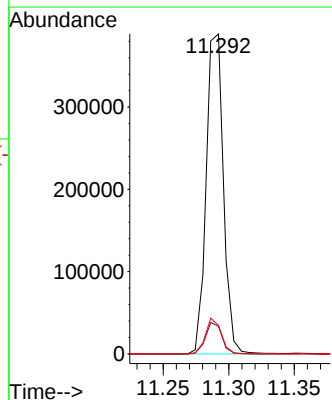
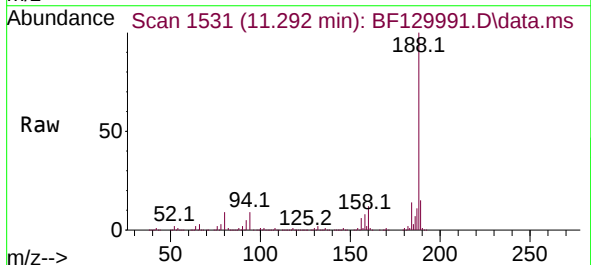
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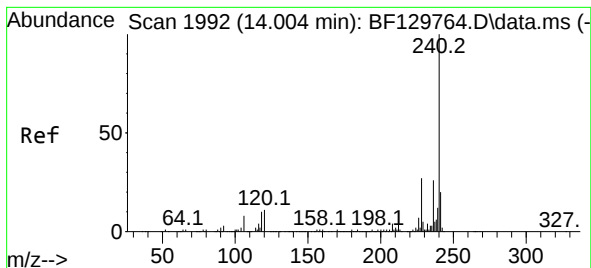
Tgt Ion:172 Resp: 1468126
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 24.1 19.1 28.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1531
Delta R.T. -0.000 min
Lab File: BF129991.D
Acq: 25 Aug 2022 02:13

Tgt Ion:188 Resp: 355754
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 8.9 7.9 11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 19

Delta R.T. -0.000 min

Lab File: BF129991.D

Acq: 25 Aug 2022 02:13

Instrument :

BNA_F

ClientSampleId :

B-1

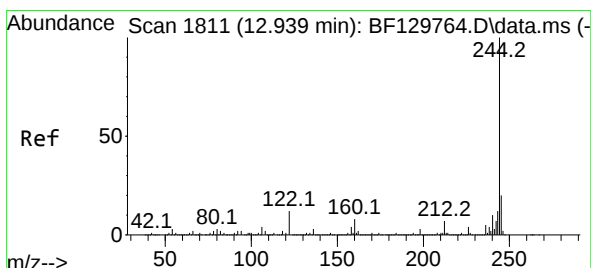
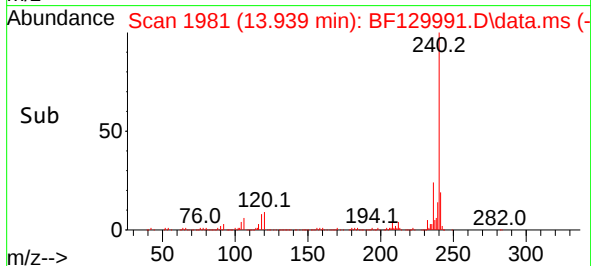
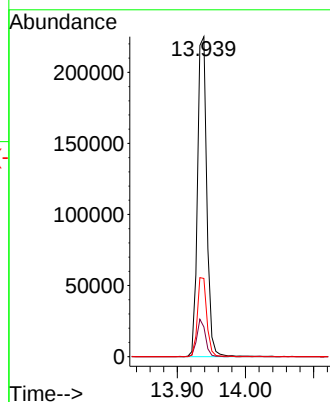
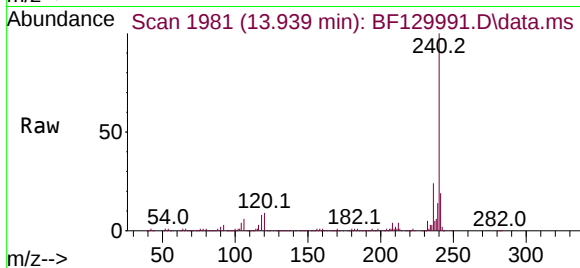
Tgt Ion:240 Resp: 213629

Ion Ratio Lower Upper

240 100

120 9.3 9.2 13.8

236 24.4 20.7 31.1



#79

Terphenyl-d14

Concen: 100.545 ng

RT: 12.874 min Scan# 1800

Delta R.T. -0.000 min

Lab File: BF129991.D

Acq: 25 Aug 2022 02:13

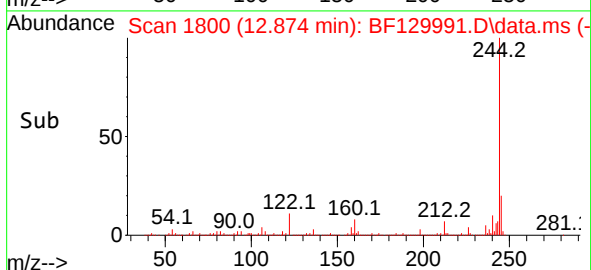
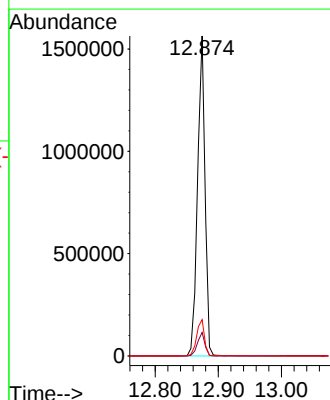
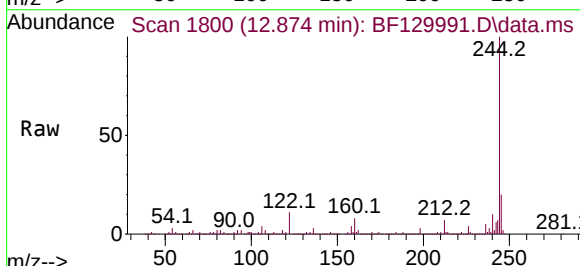
Tgt Ion:244 Resp: 1290872

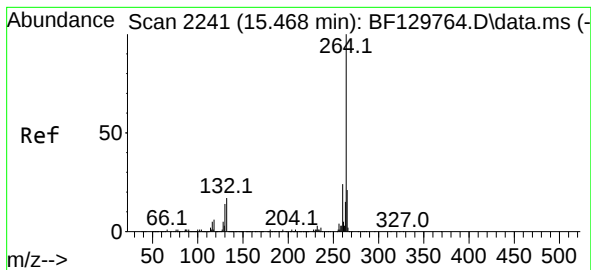
Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 11.3 9.9 14.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.386 min Scan# 221

Delta R.T. -0.000 min

Lab File: BF129991.D

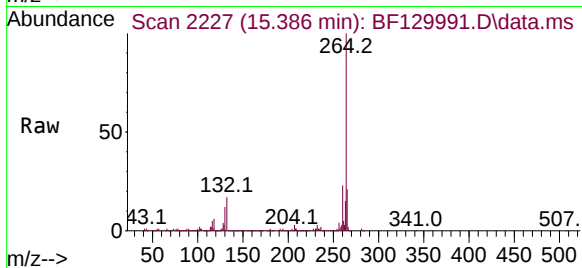
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Tgt Ion:264 Resp: 221670

Ion Ratio Lower Upper

264 100

260 22.5 19.1 28.7

265 21.3 16.7 25.1

