

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052522\
 Data File : BF128458.D
 Acq On : 25 May 2022 14:28
 Operator : CG\JU
 Sample : N2896-21
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P040-SS001-2430-01

Quant Time: May 26 01:00:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 12:38:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	99715	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	368249	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	194597	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	303860	20.000	ng	0.00
76) Chrysene-d12	13.986	240	196994	20.000	ng	0.00
86) Perylene-d12	15.457	264	190964	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	562945	89.842	ng	0.00
7) Phenol-d6	6.451	99	717240	86.928	ng	0.00
23) Nitrobenzene-d5	7.375	82	510676	62.134	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	162058	80.751	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	735766	61.832	ng	0.00
79) Terphenyl-d14	12.922	244	584507	57.278	ng	0.00

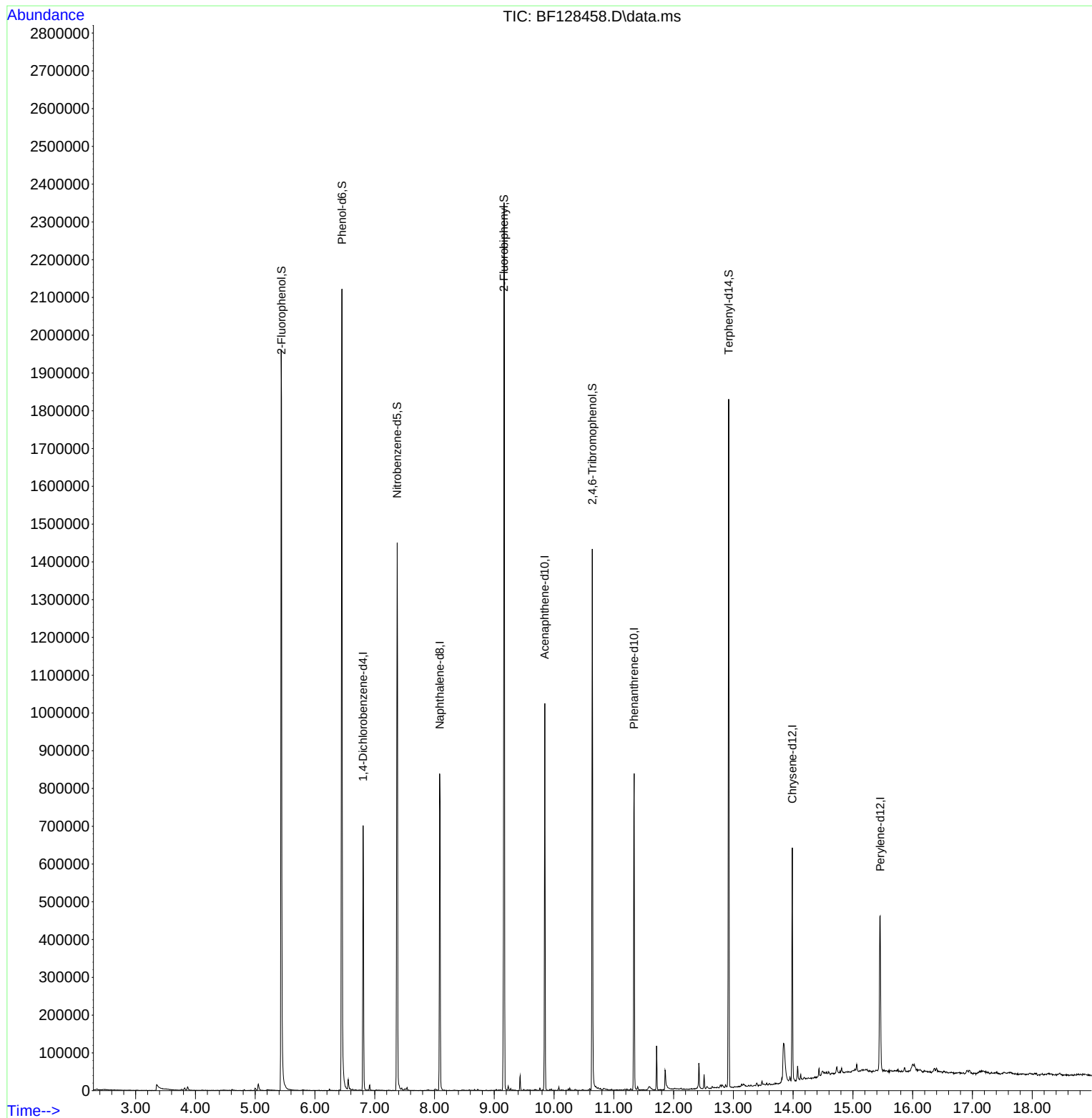
Target Compounds	Qvalue

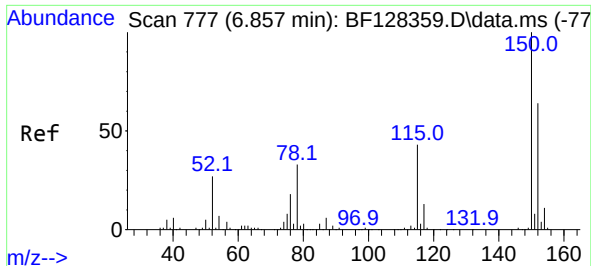
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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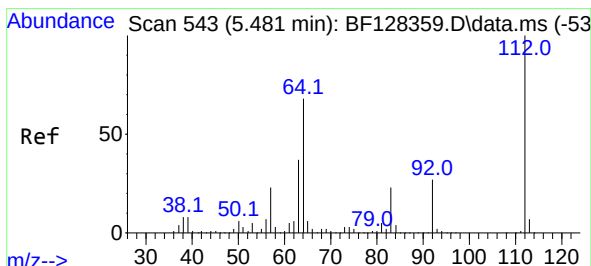
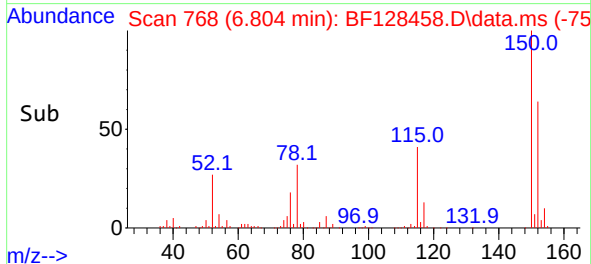
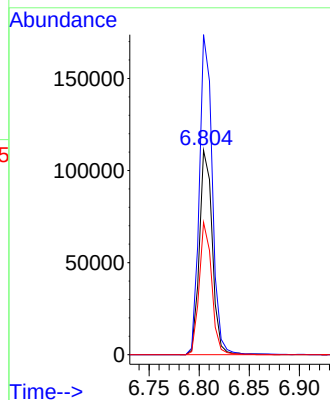
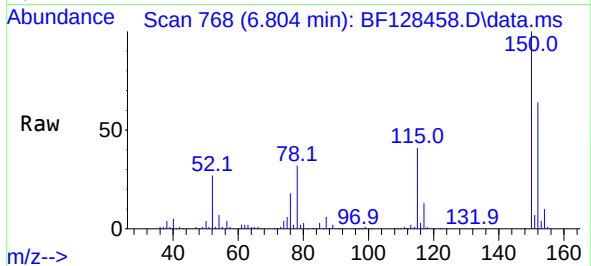




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128458.D
Acq: 25 May 2022 14:28

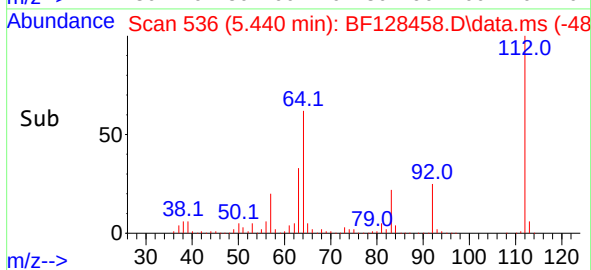
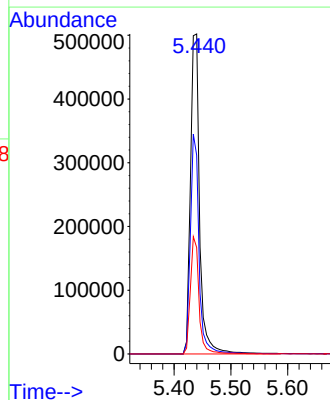
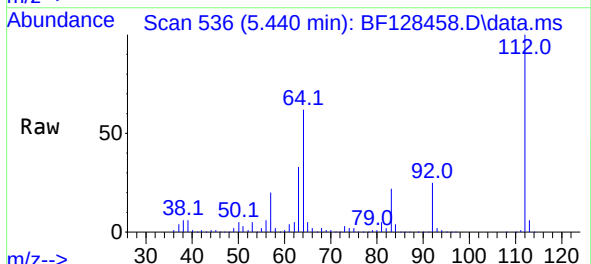
Instrument :
BNA_F
ClientSampleId :
P040-SS001-2430-01

Tgt Ion:152 Resp: 99715
Ion Ratio Lower Upper
152 100
150 156.6 125.3 187.9
115 64.8 48.8 73.2

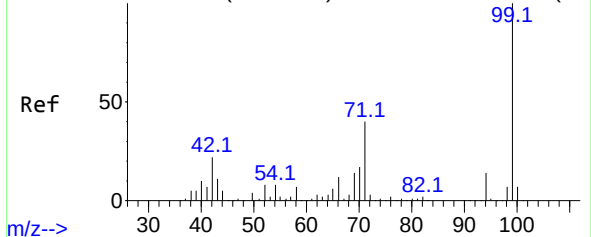


#5
2-Fluorophenol
Concen: 89.842 ng
RT: 5.440 min Scan# 536
Delta R.T. 0.006 min
Lab File: BF128458.D
Acq: 25 May 2022 14:28

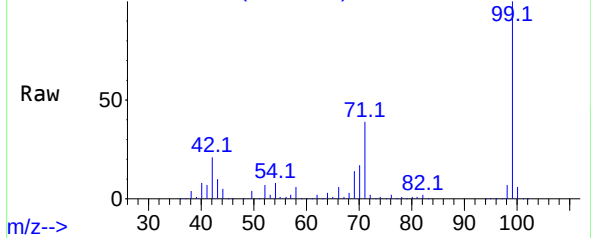
Tgt Ion:112 Resp: 562945
Ion Ratio Lower Upper
112 100
64 62.1 49.5 74.3
63 33.2 26.3 39.5



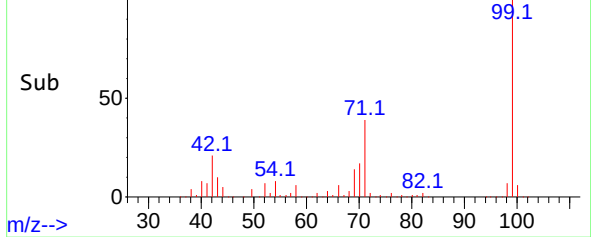
Abundance Scan 716 (6.498 min): BF128359.D\data.ms (-70



m/z--> Scan 708 (6.451 min): BF128458.D\data.ms



m/z--> Scan 708 (6.451 min): BF128458.D\data.ms (-65



m/z-->

#7

Phenol-d6

Concen: 86.928 ng

RT: 6.451 min Scan# 708

Delta R.T. -0.006 min

Lab File: BF128458.D

Acq: 25 May 2022 14:28

Instrument :

BNA_F

ClientSampleId :

P040-SS001-2430-01

Tgt Ion: 99 Resp: 717240

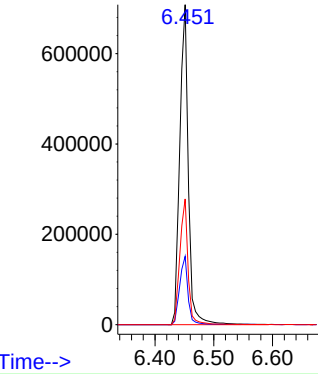
Ion Ratio Lower Upper

99 100

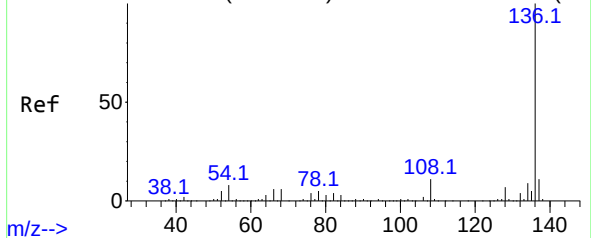
42 21.3 16.6 24.8

71 39.3 30.0 45.0

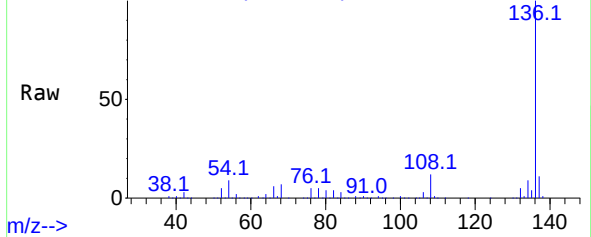
Abundance



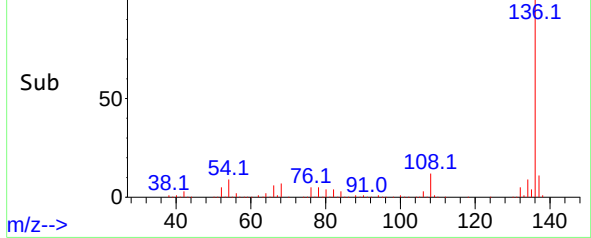
Abundance Scan 996 (8.145 min): BF128359.D\data.ms (-98



m/z--> Scan 986 (8.087 min): BF128458.D\data.ms



m/z--> Scan 986 (8.087 min): BF128458.D\data.ms (-93



m/z-->

#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.087 min Scan# 986

Delta R.T. -0.006 min

Lab File: BF128458.D

Acq: 25 May 2022 14:28

Tgt Ion: 136 Resp: 368249

Ion Ratio Lower Upper

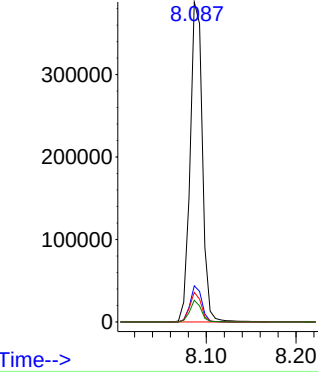
136 100

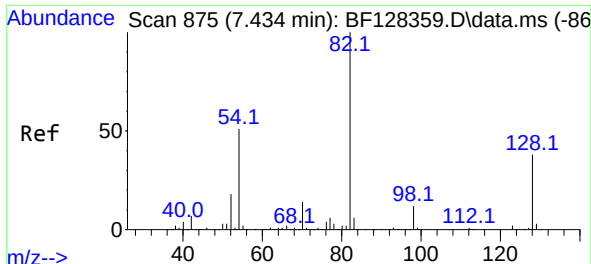
137 11.3 8.6 13.0

54 9.2 6.8 10.2

68 6.8 5.1 7.7

Abundance

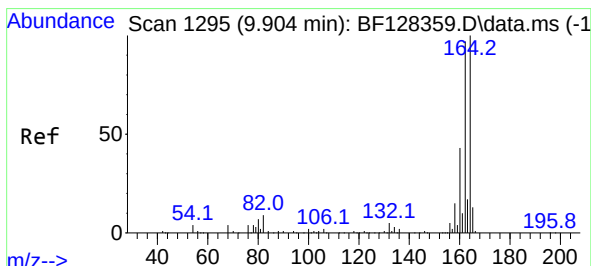
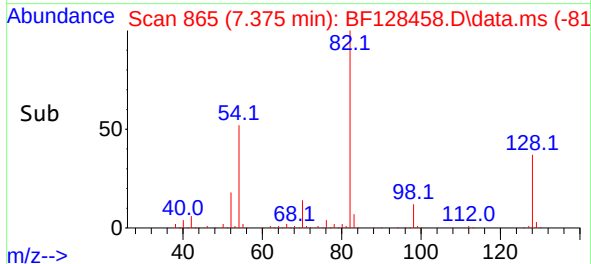
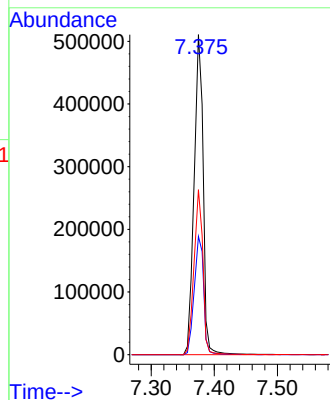
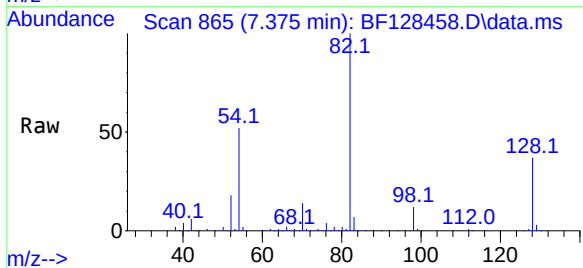




#23
Nitrobenzene-d5
Concen: 62.134 ng
RT: 7.375 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128458.D
Acq: 25 May 2022 14:28

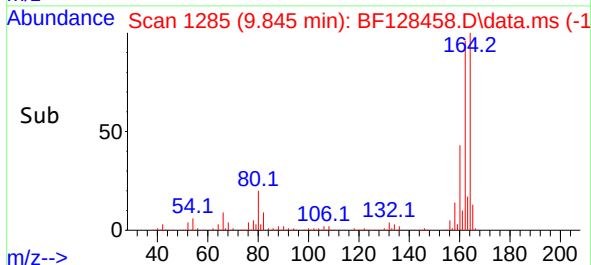
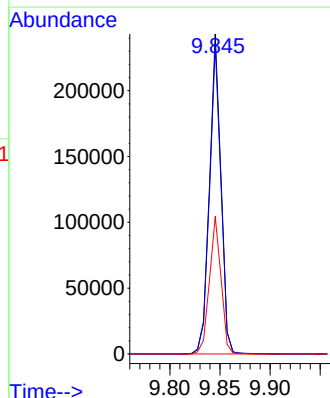
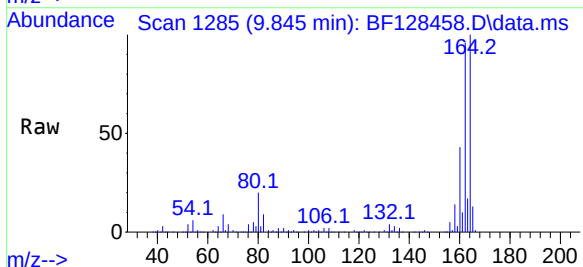
Instrument :
BNA_F
ClientSampleId :
P040-SS001-2430-01

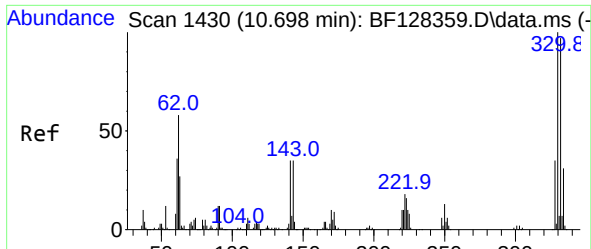
Tgt Ion: 82 Resp: 510676
Ion Ratio Lower Upper
82 100
128 37.0 30.0 45.0
54 51.5 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF128458.D
Acq: 25 May 2022 14:28

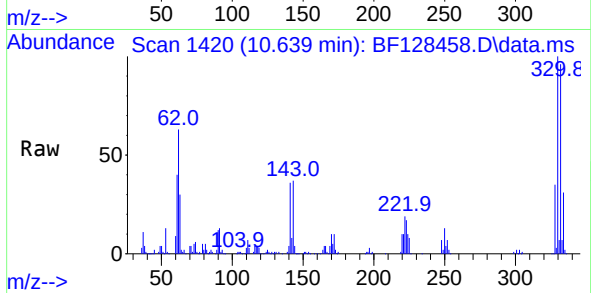
Tgt Ion:164 Resp: 194597
Ion Ratio Lower Upper
164 100
162 96.5 76.0 114.0
160 43.0 34.8 52.2



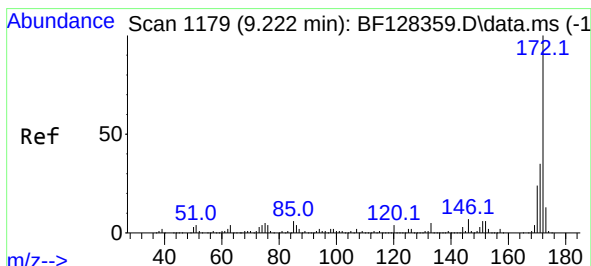
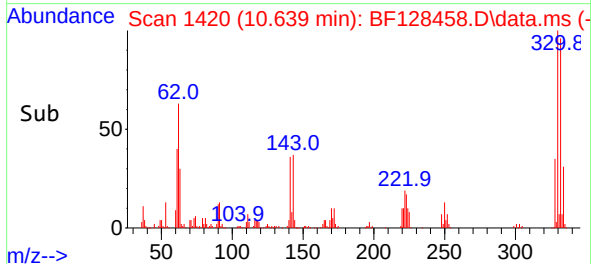
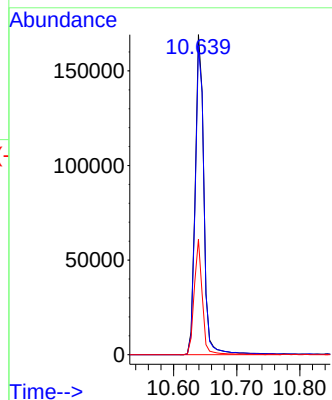


#42
2,4,6-Tribromophenol
Concen: 80.751 ng
RT: 10.639 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF128458.D
Acq: 25 May 2022 14:28

Instrument :
BNA_F
ClientSampleId :
P040-SS001-2430-01

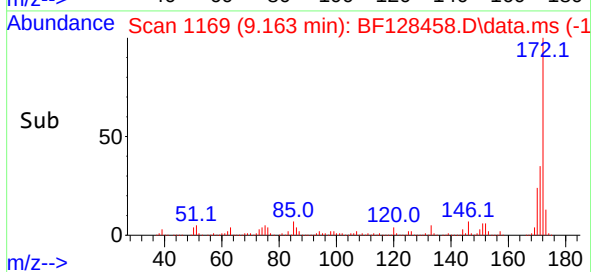
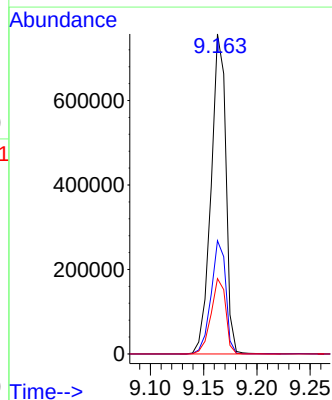
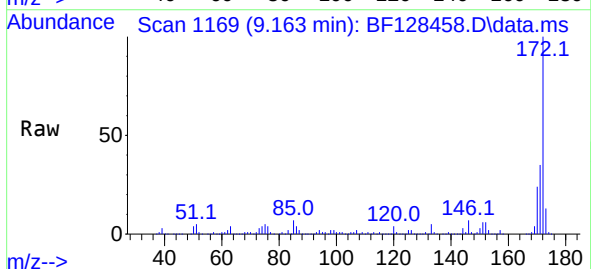


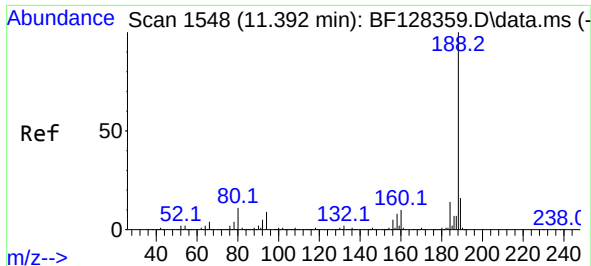
Tgt Ion:330 Resp: 162058
Ion Ratio Lower Upper
330 100
332 97.4 79.0 118.4
141 33.5 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 61.832 ng
RT: 9.163 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF128458.D
Acq: 25 May 2022 14:28

Tgt Ion:172 Resp: 735766
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.5 19.1 28.7

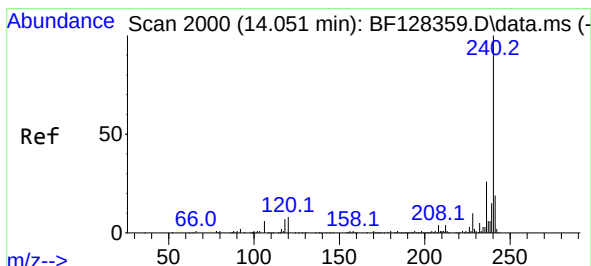
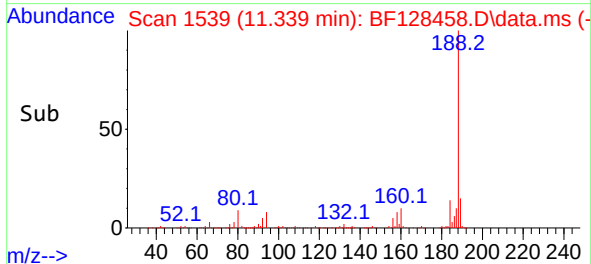
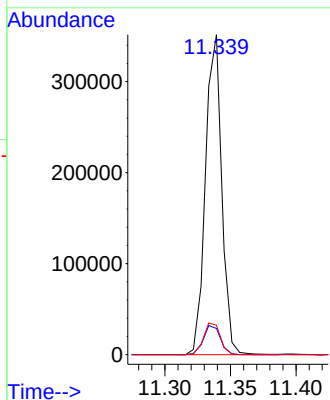
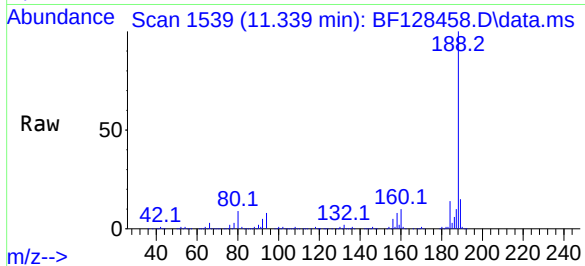




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128458.D
Acq: 25 May 2022 14:28

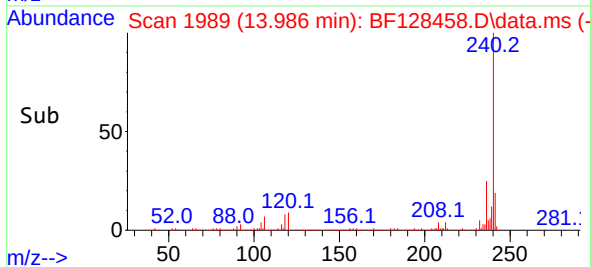
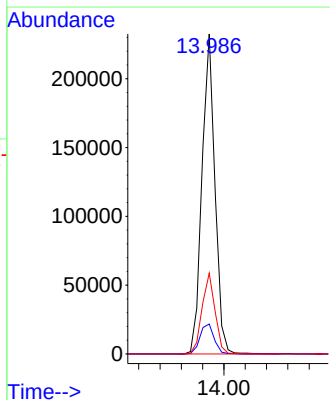
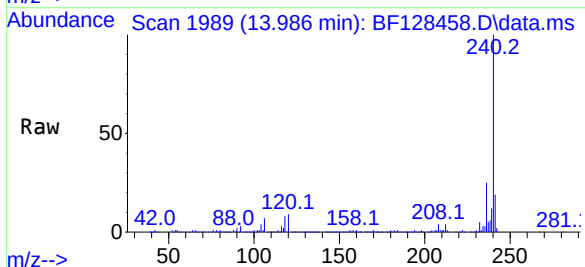
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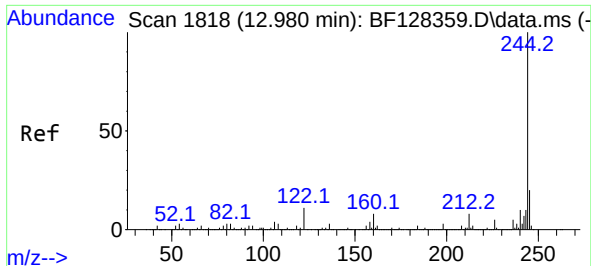
Tgt Ion:188 Resp: 303860
Ion Ratio Lower Upper
188 100
94 8.2 8.0 12.0
80 9.2 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF128458.D
Acq: 25 May 2022 14:28

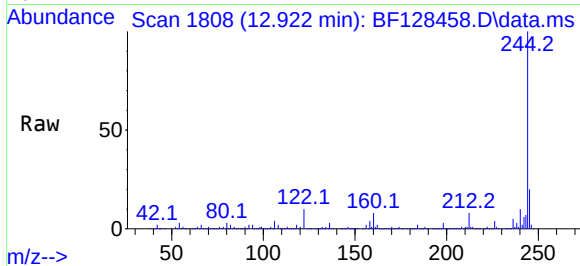
Tgt Ion:240 Resp: 196994
Ion Ratio Lower Upper
240 100
120 9.4 7.0 10.6
236 25.3 20.3 30.5



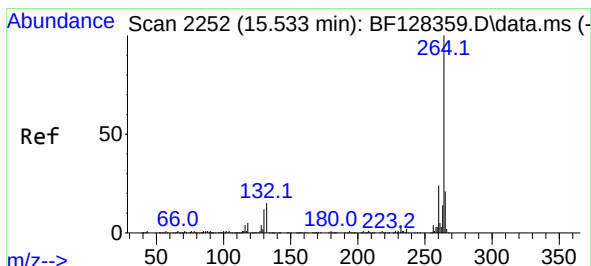
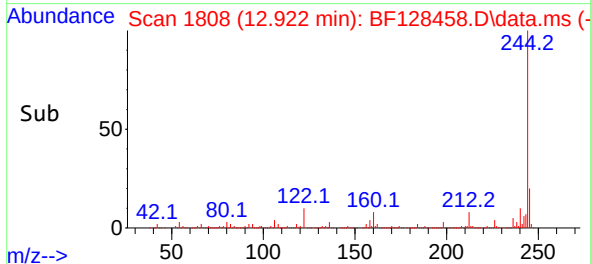
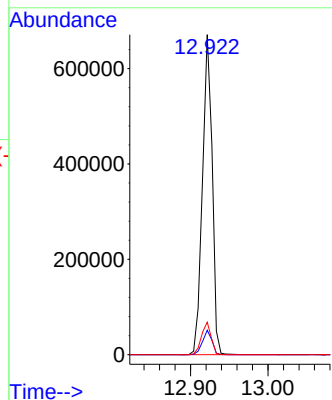


#79
 Terphenyl-d14
 Concen: 57.278 ng
 RT: 12.922 min Scan# 1808
 Delta R.T. -0.006 min
 Lab File: BF128458.D
 Acq: 25 May 2022 14:28

Instrument :
 BNA_F
 ClientSampleId :
 P040-SS001-2430-01



Tgt Ion:244 Resp: 584507
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 10.2 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2239
 Delta R.T. 0.000 min
 Lab File: BF128458.D
 Acq: 25 May 2022 14:28

Tgt Ion:264 Resp: 190964
 Ion Ratio Lower Upper
 264 100
 260 23.6 20.1 30.1
 265 21.2 17.5 26.3

