

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121022\
 Data File : BF131584.D
 Acq On : 10 Dec 2022 11:57
 Operator : CG\JU
 Sample : PB149515BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149515BL

Quant Time: Dec 12 06:00:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 06:08:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	62417	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	227080	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	143493	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	293079	20.000	ng	0.00
76) Chrysene-d12	14.110	240	216562	20.000	ng	0.00
86) Perylene-d12	15.621	264	147934	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	532758	142.396	ng	0.02
7) Phenol-d6	6.540	99	690964	140.932	ng	0.00
23) Nitrobenzene-d5	7.481	82	489426	81.485	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	243260	152.586	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	916592	80.541	ng	0.00
79) Terphenyl-d14	13.057	244	1345535	85.208	ng	0.01

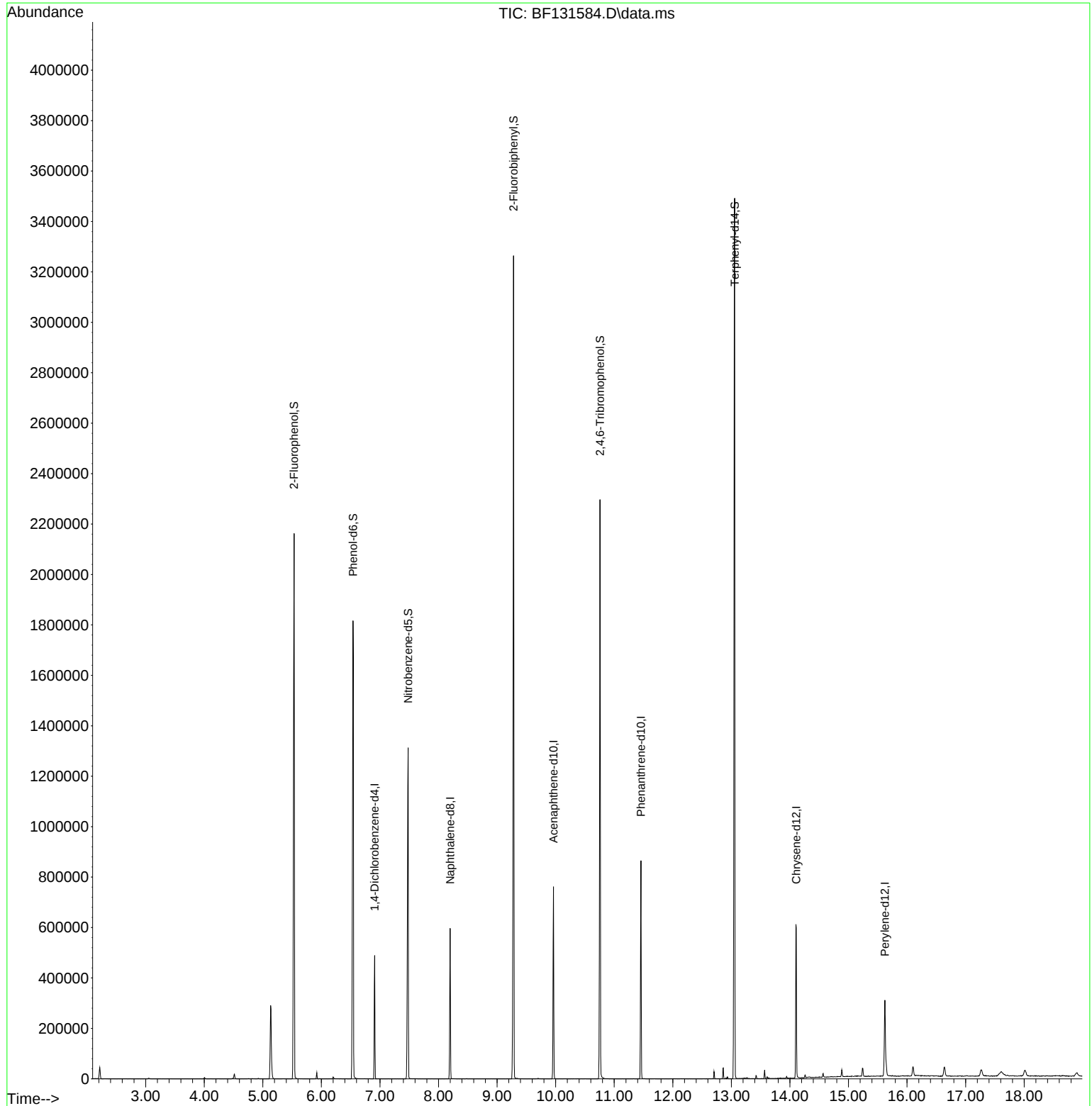
Target Compounds	Qvalue

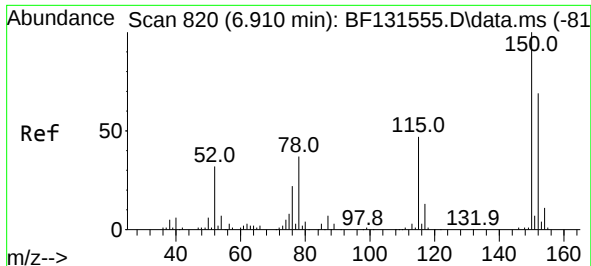
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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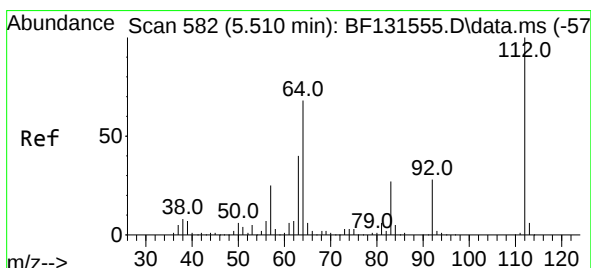
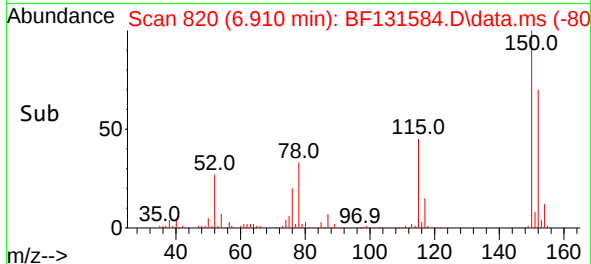
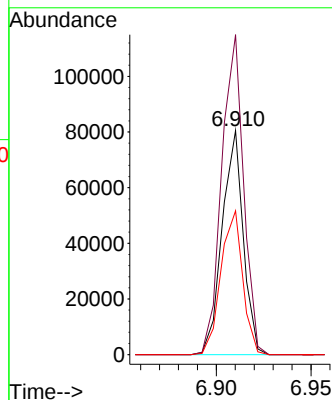
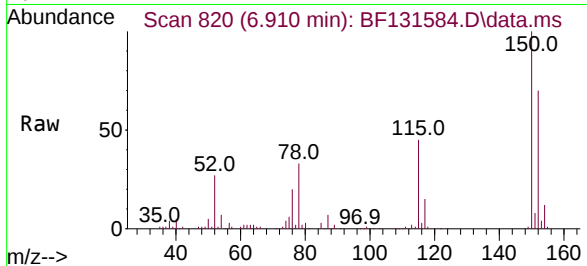




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131584.D
Acq: 10 Dec 2022 11:57

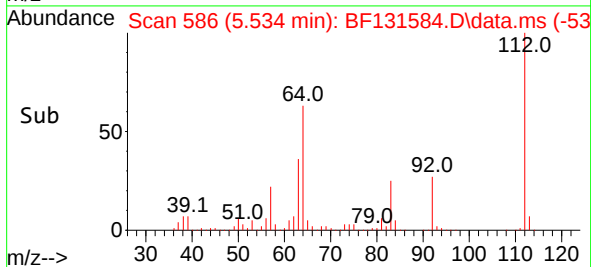
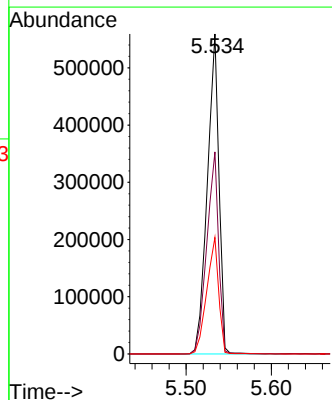
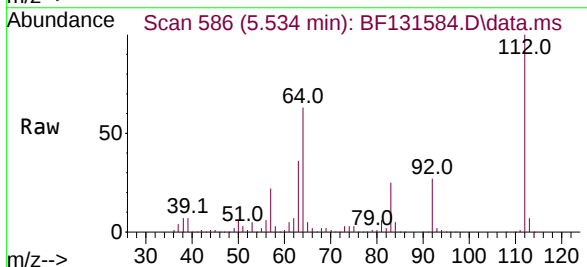
Instrument :
BNA_F
ClientSampleId :
PB149515BL

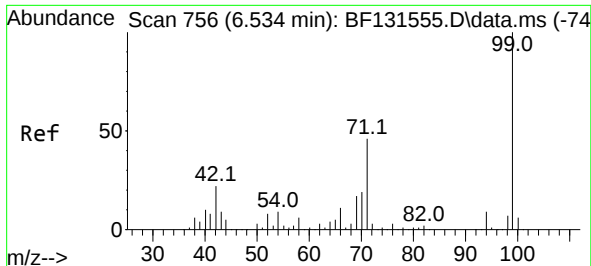
Tgt Ion:152 Resp: 62417
Ion Ratio Lower Upper
152 100
150 142.8 116.7 175.1
115 64.1 54.6 82.0



#5
2-Fluorophenol
Concen: 142.396 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.024 min
Lab File: BF131584.D
Acq: 10 Dec 2022 11:57

Tgt Ion:112 Resp: 532758
Ion Ratio Lower Upper
112 100
64 63.2 54.5 81.7
63 36.4 31.9 47.9

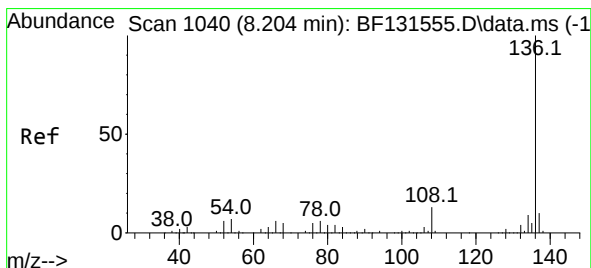
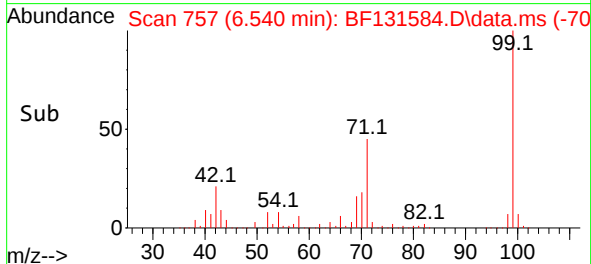
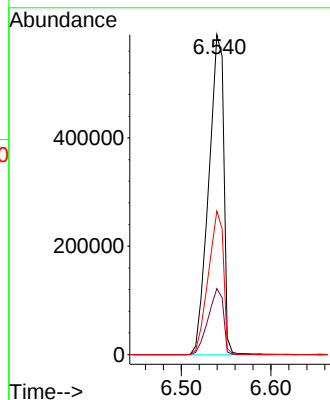
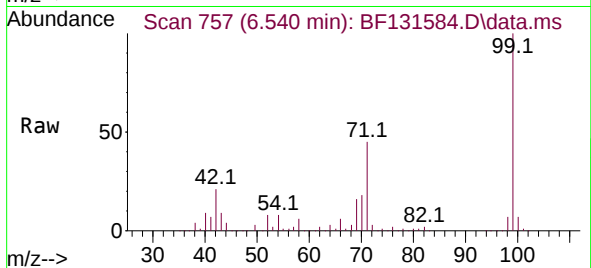




#7
Phenol-d6
Concen: 140.932 ng
RT: 6.540 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF131584.D
Acq: 10 Dec 2022 11:57

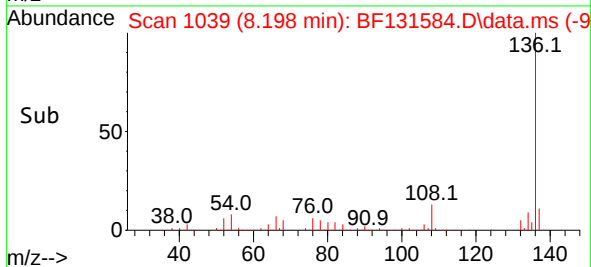
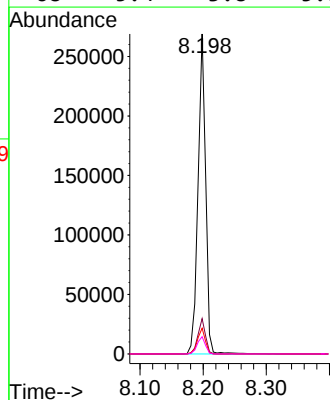
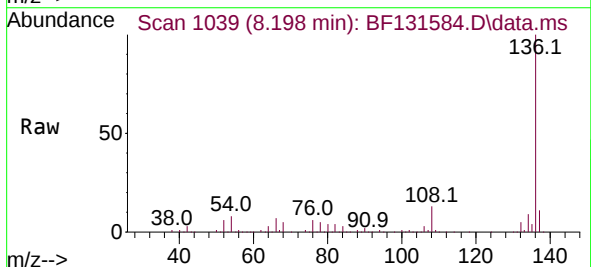
Instrument :
BNA_F
ClientSampleId :
PB149515BL

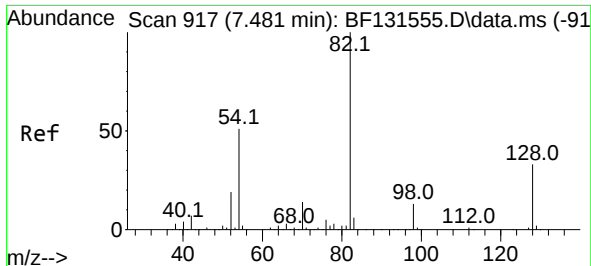
Tgt Ion: 99 Resp: 690964
Ion Ratio Lower Upper
99 100
42 20.6 17.9 26.9
71 44.9 37.2 55.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF131584.D
Acq: 10 Dec 2022 11:57

Tgt Ion: 136 Resp: 227080
Ion Ratio Lower Upper
136 100
137 11.0 8.1 12.1
54 8.0 6.0 9.0
68 5.4 3.8 5.8





#23

Nitrobenzene-d5

Concen: 81.485 ng

RT: 7.481 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF131584.D

Acq: 10 Dec 2022 11:57

Instrument :

BNA_F

ClientSampleId :

PB149515BL

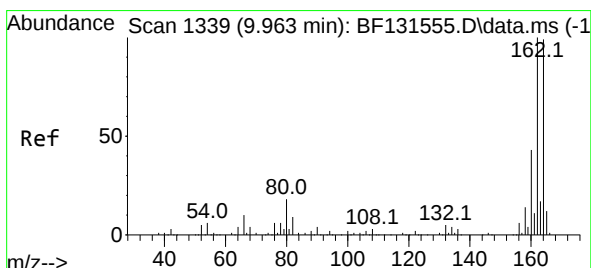
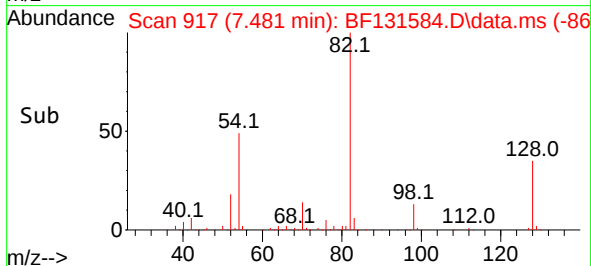
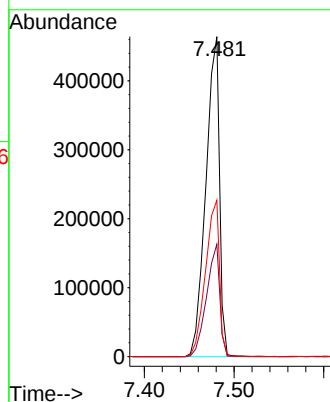
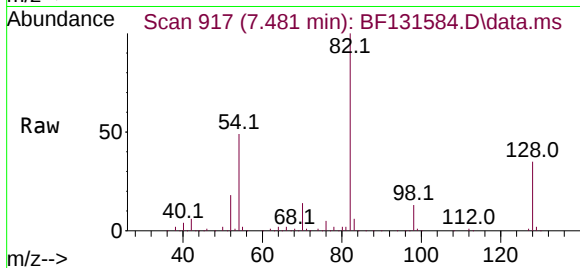
Tgt Ion: 82 Resp: 489426

Ion Ratio Lower Upper

82 100

128 35.1 26.1 39.1

54 48.9 40.6 60.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF131584.D

Acq: 10 Dec 2022 11:57

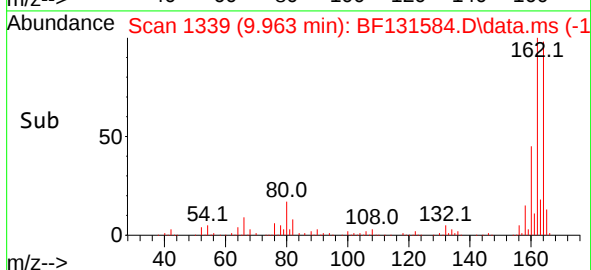
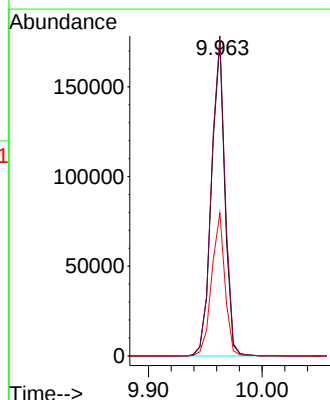
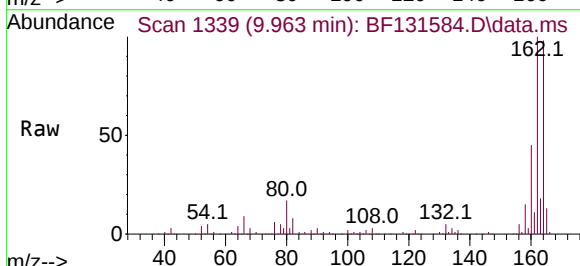
Tgt Ion:164 Resp: 143493

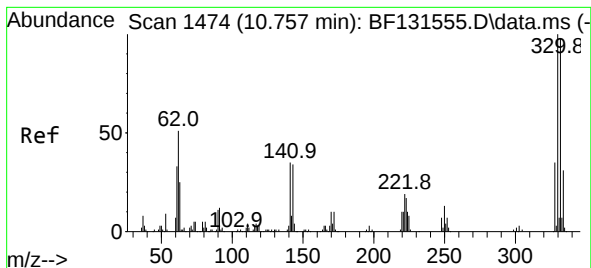
Ion Ratio Lower Upper

164 100

162 101.9 81.0 121.6

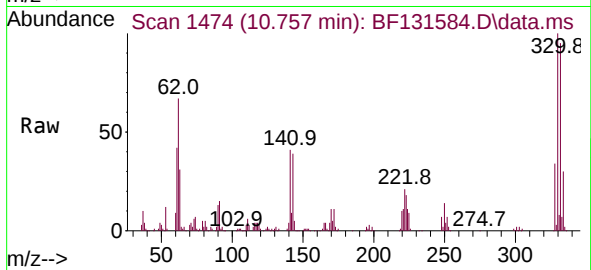
160 45.5 35.0 52.6



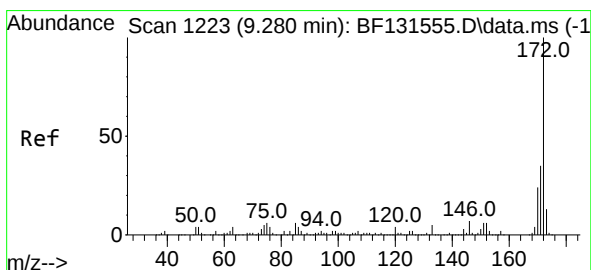
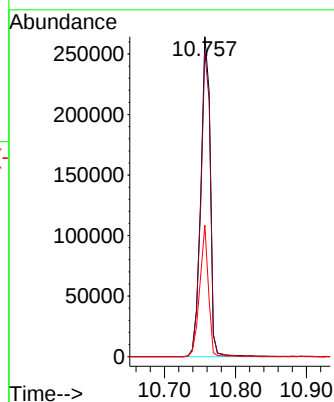
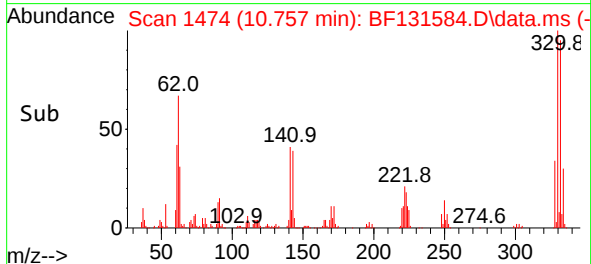


#42
2,4,6-Tribromophenol
Concen: 152.586 ng
RT: 10.757 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BF131584.D
Acq: 10 Dec 2022 11:57

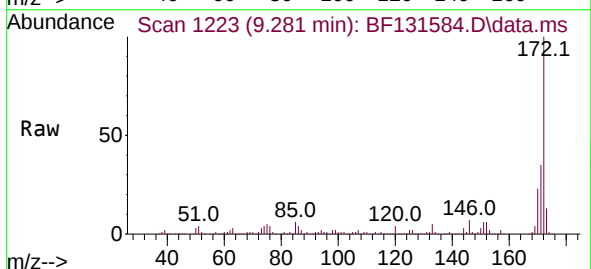
Instrument :
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ClientSampleId :
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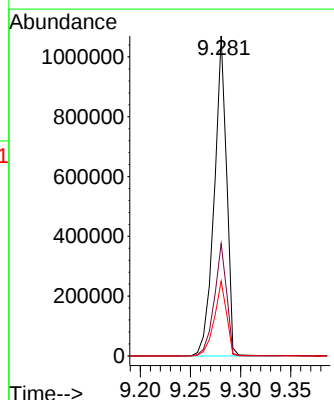
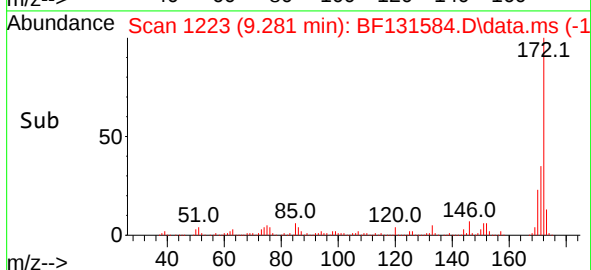
Tgt Ion:330 Resp: 243260
Ion Ratio Lower Upper
330 100
332 96.4 78.3 117.5
141 37.6 32.6 49.0

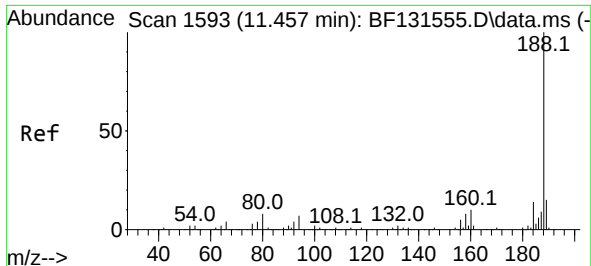


#45
2-Fluorobiphenyl
Concen: 80.541 ng
RT: 9.281 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF131584.D
Acq: 10 Dec 2022 11:57



Tgt Ion:172 Resp: 916592
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.4 19.3 28.9

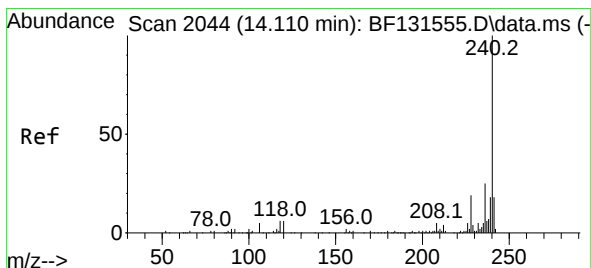
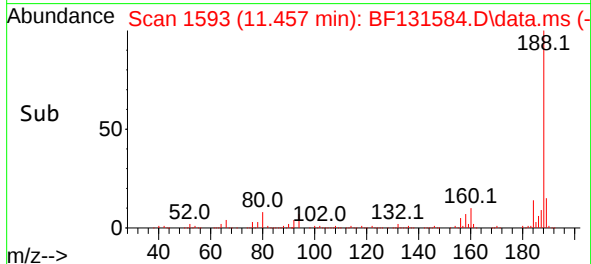
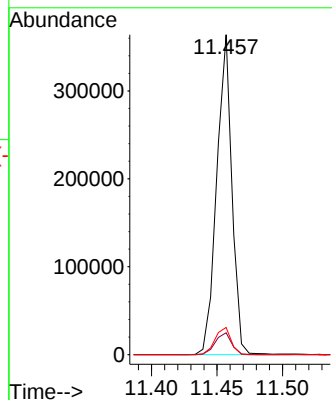
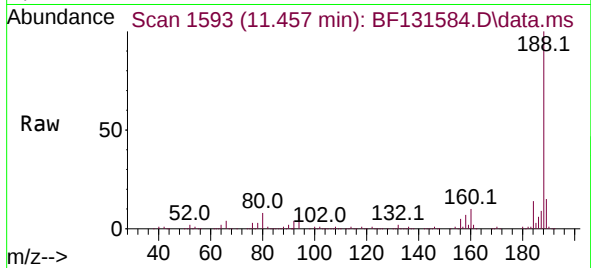




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF131584.D
Acq: 10 Dec 2022 11:57

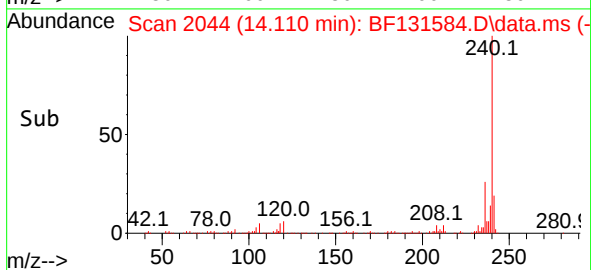
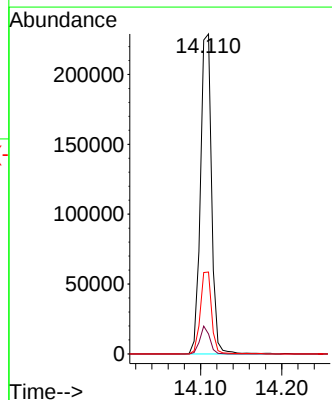
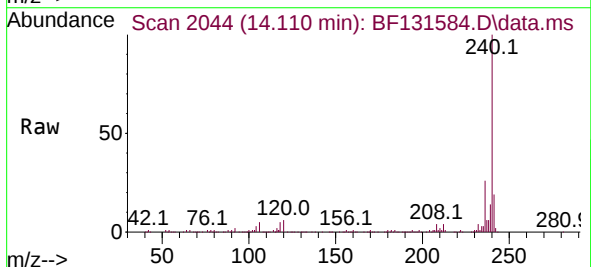
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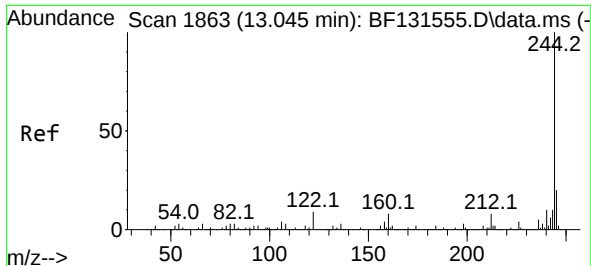
Tgt Ion:188 Resp: 293079
Ion Ratio Lower Upper
188 100
94 6.8 5.5 8.3
80 8.5 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2044
Delta R.T. -0.000 min
Lab File: BF131584.D
Acq: 10 Dec 2022 11:57

Tgt Ion:240 Resp: 216562
Ion Ratio Lower Upper
240 100
120 6.2 4.6 7.0
236 25.6 20.2 30.2

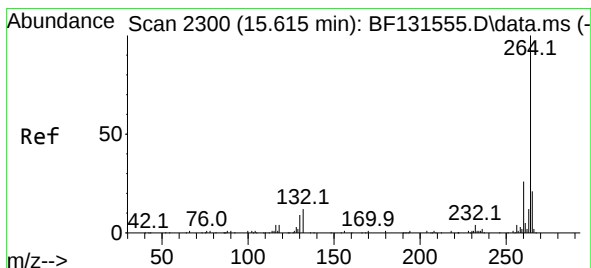
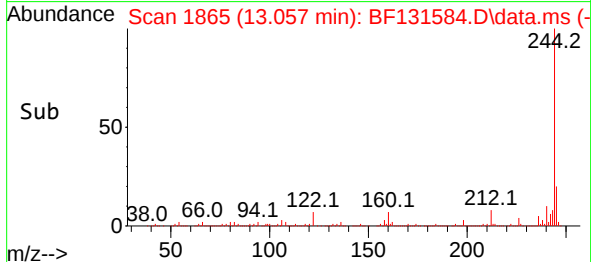
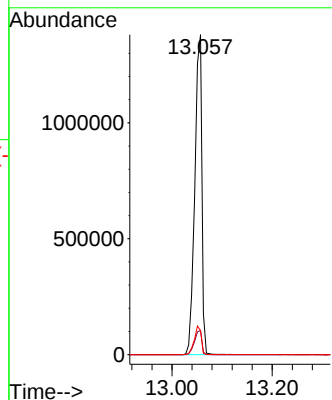
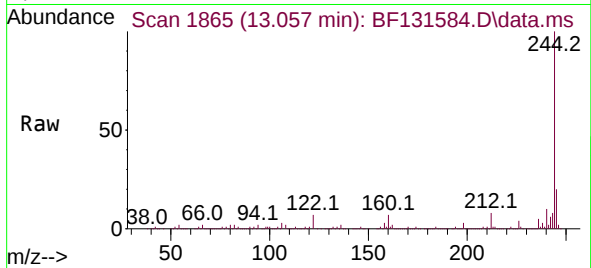




#79
 Terphenyl-d14
 Concen: 85.208 ng
 RT: 13.057 min Scan# 1865
 Delta R.T. 0.012 min
 Lab File: BF131584.D
 Acq: 10 Dec 2022 11:57

Instrument :
 BNA_F
 ClientSampleId :
 PB149515BL

Tgt Ion:244 Resp: 1345535
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 7.5 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 2301
 Delta R.T. 0.006 min
 Lab File: BF131584.D
 Acq: 10 Dec 2022 11:57

Tgt Ion:264 Resp: 147934
 Ion Ratio Lower Upper
 264 100
 260 23.7 20.6 30.8
 265 20.9 16.8 25.2

