

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101323\
 Data File : BF135756.D
 Acq On : 13 Oct 2023 16:59
 Operator : CG\JU
 Sample : PB156084BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156084BL

Quant Time: Oct 13 18:20:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 13 17:12:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	114735	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	431748	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	226631	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	461179	20.000	ng	0.00
76) Chrysene-d12	13.939	240	352807	20.000	ng	0.00
86) Perylene-d12	15.416	264	344563	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1020872	143.052	ng	0.01
7) Phenol-d6	6.398	99	1232717	138.442	ng	0.00
23) Nitrobenzene-d5	7.310	82	762886	97.182	ng	0.00
42) 2,4,6-Tribromophenol	10.581	330	334469	153.800	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1374345	94.815	ng	0.00
79) Terphenyl-d14	12.874	244	1646760	86.440	ng	0.00

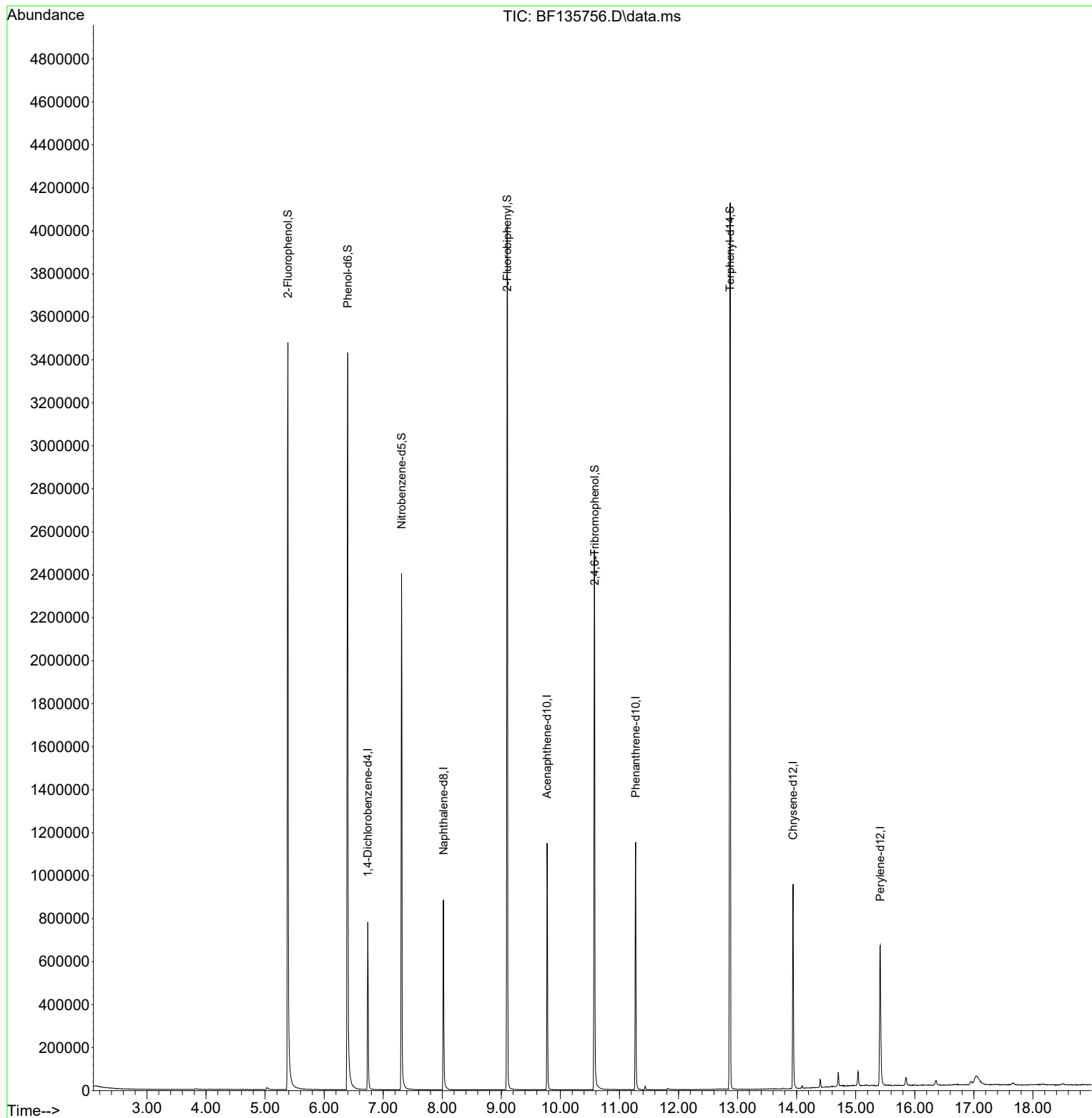
Target Compounds	Qvalue

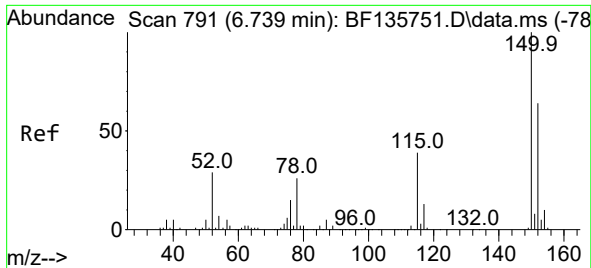
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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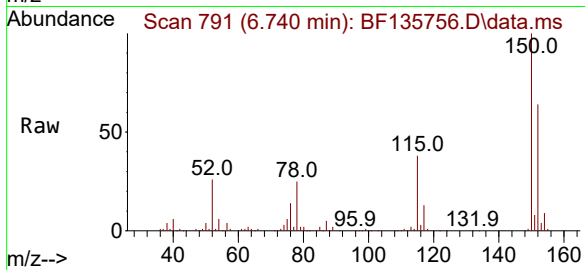
Quant Time: Oct 13 18:20:36 2023
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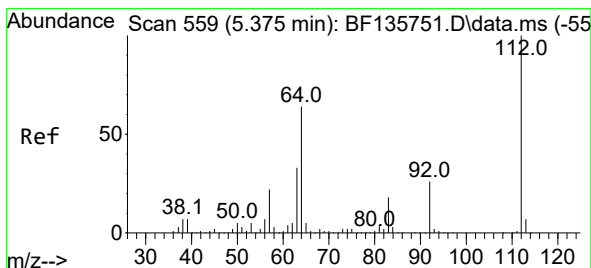
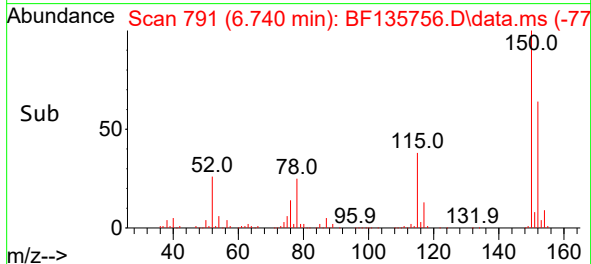
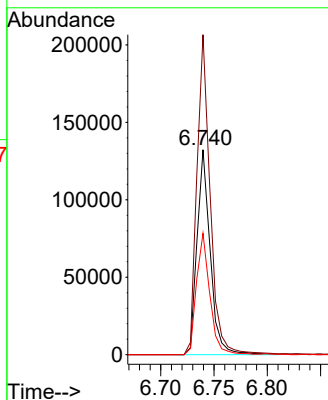


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 791
Delta R.T. 0.001 min
Lab File: BF135756.D
Acq: 13 Oct 2023 16:59

Instrument :
BNA_F
ClientSampleId :
PB156084BL

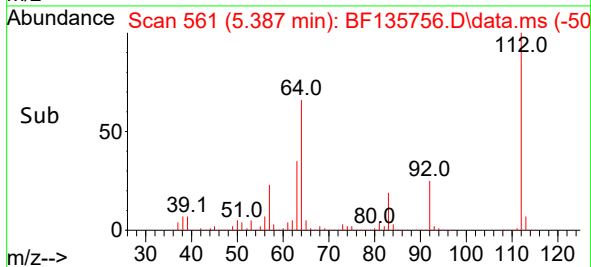
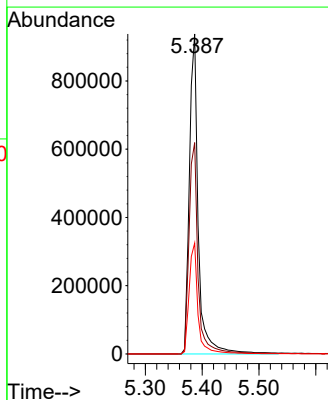
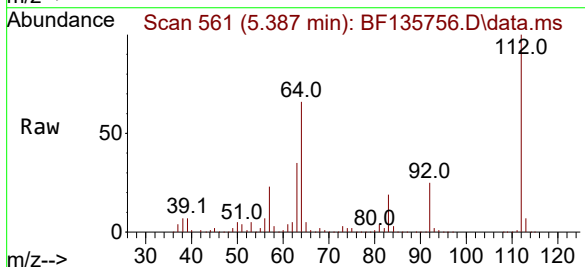


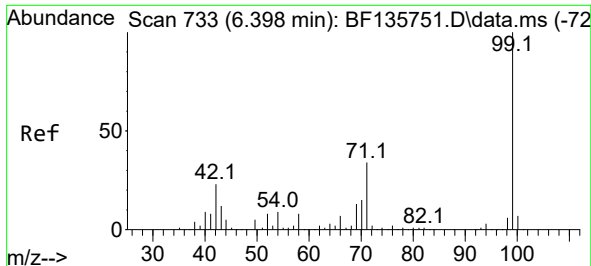
Tgt Ion:152 Resp: 114735
Ion Ratio Lower Upper
152 100
150 156.1 124.5 186.7
115 59.2 49.0 73.4



#5
2-Fluorophenol
Concen: 143.052 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.012 min
Lab File: BF135756.D
Acq: 13 Oct 2023 16:59

Tgt Ion:112 Resp: 1020872
Ion Ratio Lower Upper
112 100
64 66.1 51.2 76.8
63 34.6 26.1 39.1

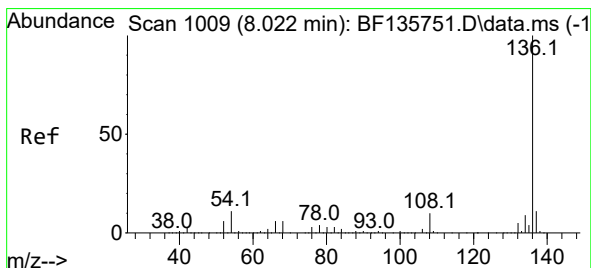
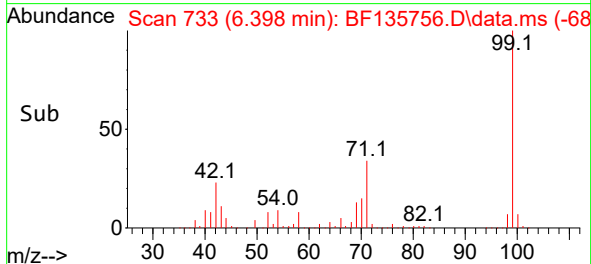
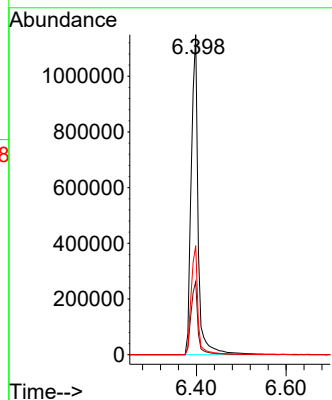
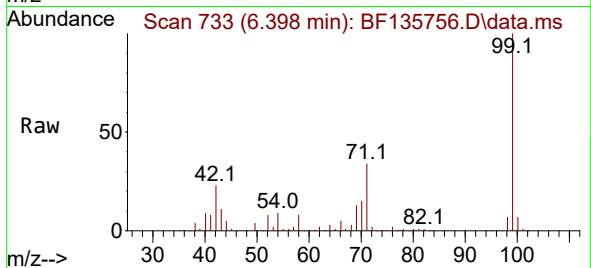




#7
Phenol-d6
Concen: 138.442 ng
RT: 6.398 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135756.D
Acq: 13 Oct 2023 16:59

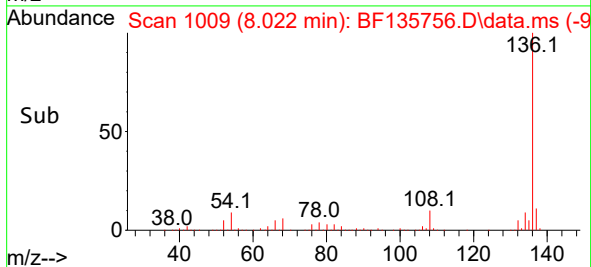
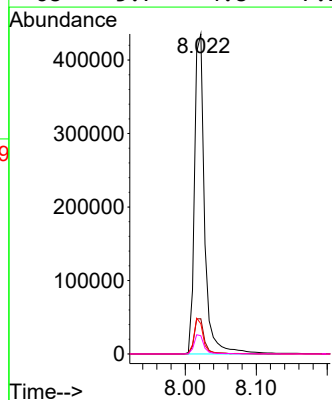
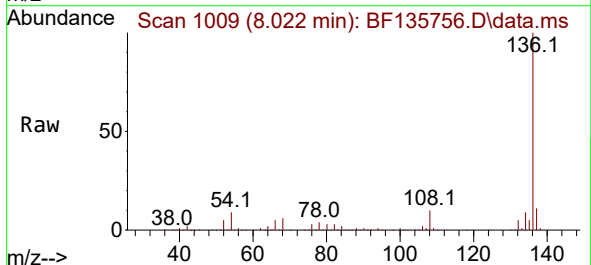
Instrument :
BNA_F
ClientSampleId :
PB156084BL

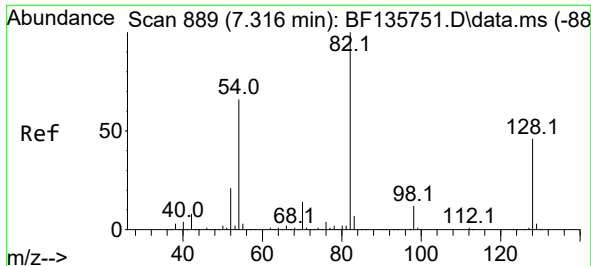
Tgt Ion: 99 Resp: 1232717
Ion Ratio Lower Upper
99 100
42 22.8 18.4 27.6
71 34.1 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF135756.D
Acq: 13 Oct 2023 16:59

Tgt Ion:136 Resp: 431748
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.5 8.5 12.7
68 5.7 4.8 7.2





#23

Nitrobenzene-d5

Concen: 97.182 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135756.D

Acq: 13 Oct 2023 16:59

Instrument :

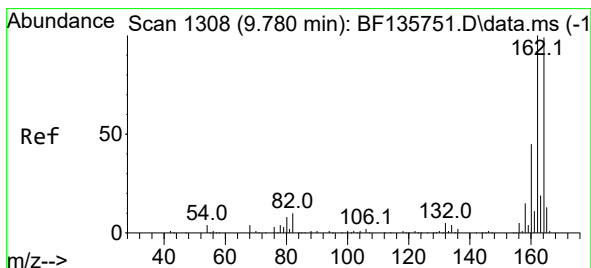
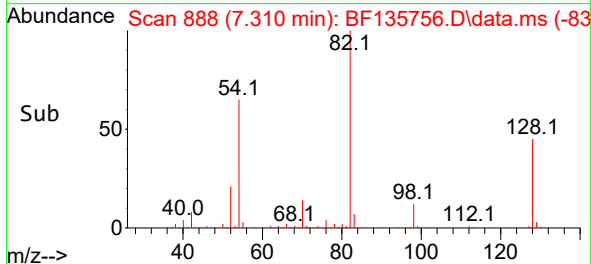
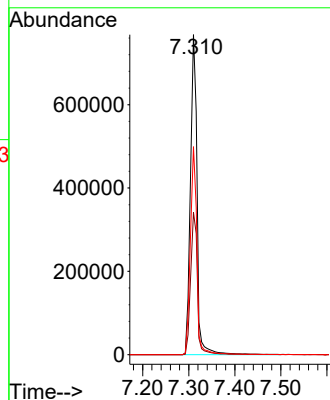
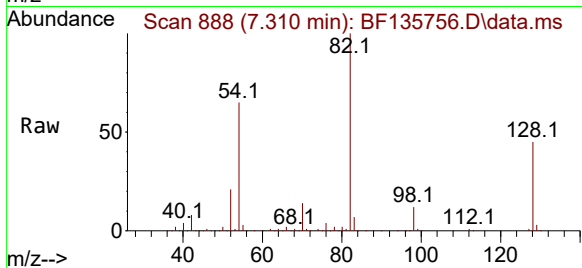
BNA_F

ClientSampleId :

PB156084BL

Tgt Ion: 82 Resp: 762886

Ion	Ratio	Lower	Upper
82	100		
128	44.5	37.0	55.6
54	65.0	52.8	79.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

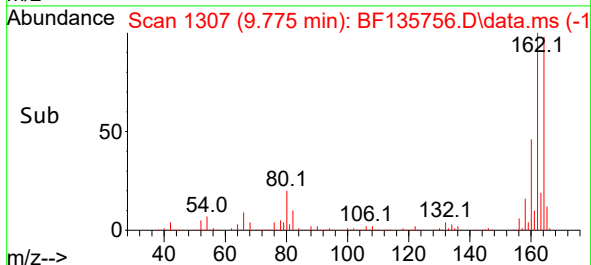
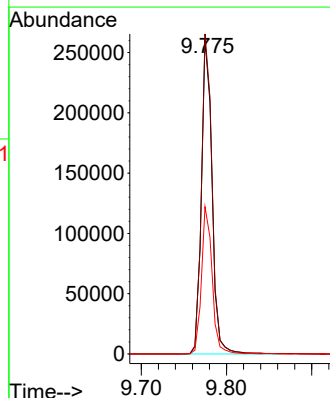
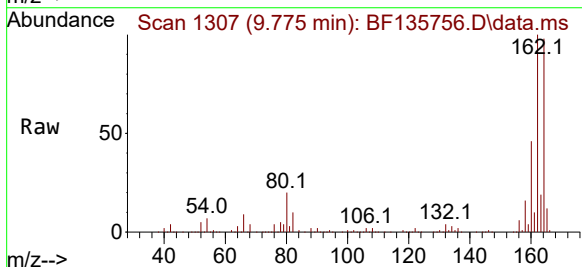
Delta R.T. -0.006 min

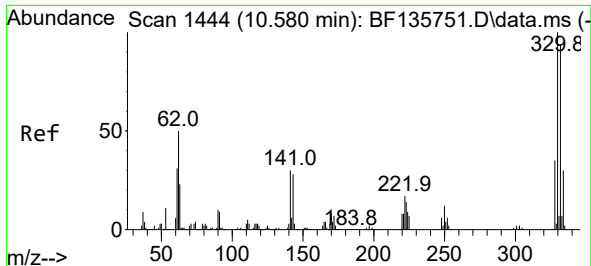
Lab File: BF135756.D

Acq: 13 Oct 2023 16:59

Tgt Ion: 164 Resp: 226631

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.8	121.2
160	46.8	36.6	54.8

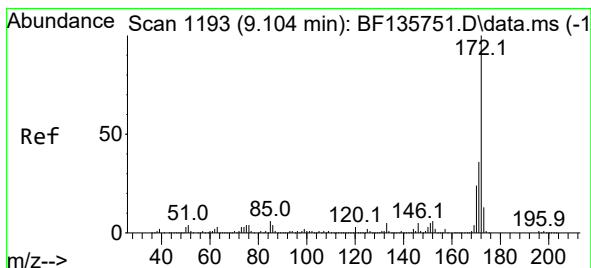
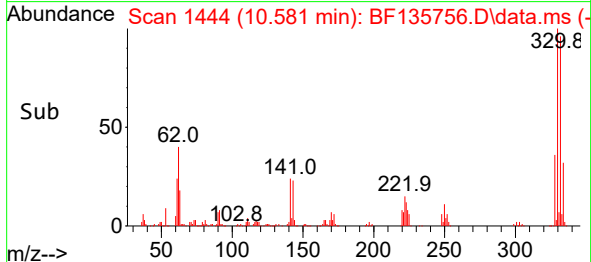
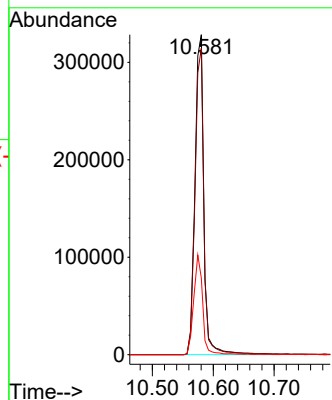
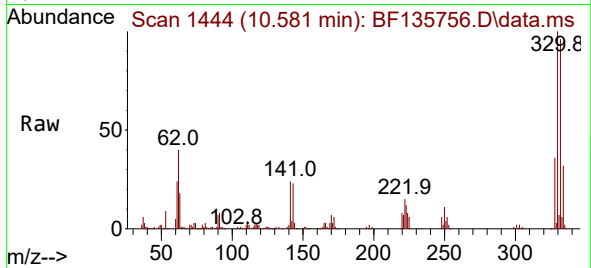




#42
2,4,6-Tribromophenol
Concen: 153.800 ng
RT: 10.581 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF135756.D
Acq: 13 Oct 2023 16:59

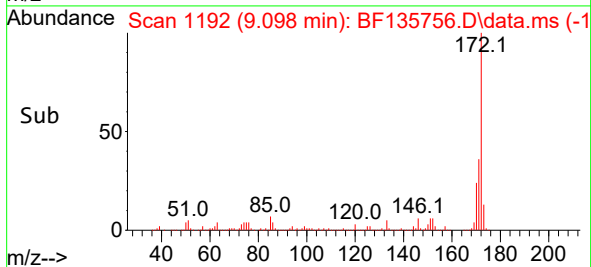
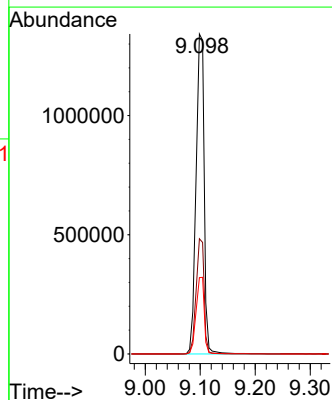
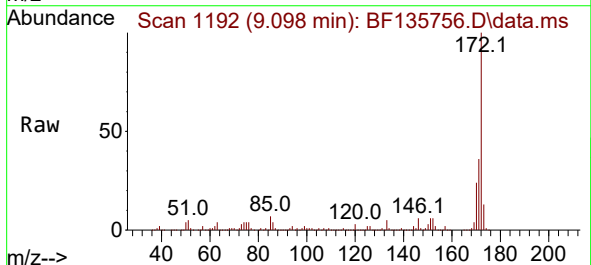
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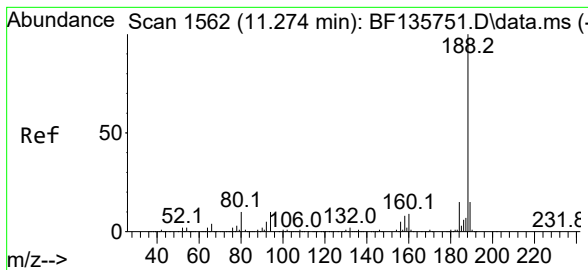
Tgt Ion: 330 Resp: 334469
Ion Ratio Lower Upper
330 100
332 95.4 75.0 112.4
141 31.5 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 94.815 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF135756.D
Acq: 13 Oct 2023 16:59

Tgt Ion: 172 Resp: 1374345
Ion Ratio Lower Upper
172 100
171 36.0 28.4 42.6
170 23.9 18.8 28.2

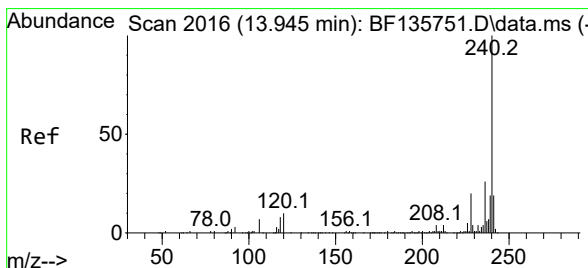
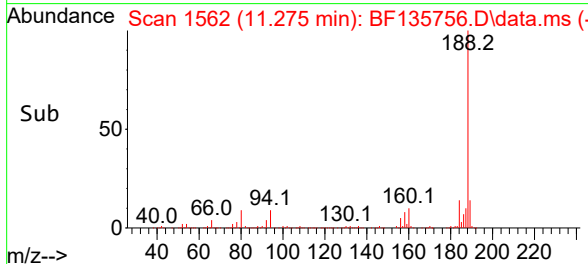
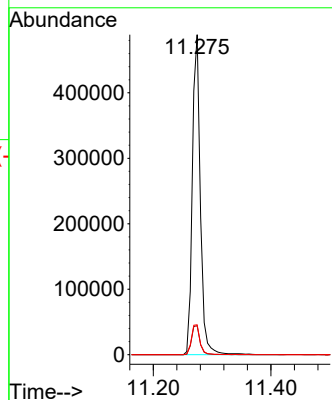
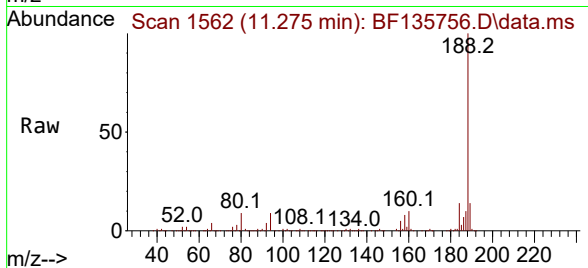




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135756.D
Acq: 13 Oct 2023 16:59

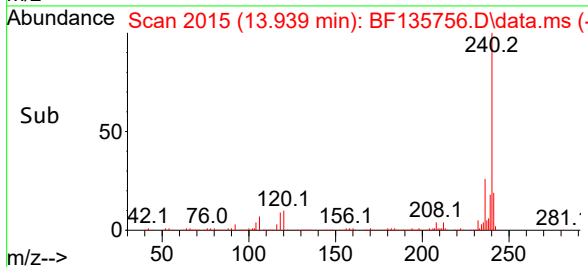
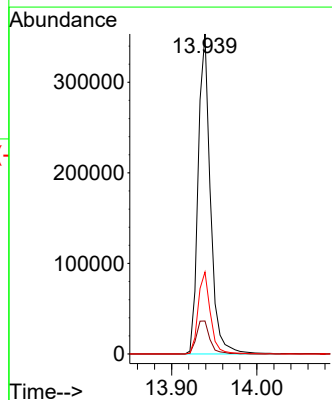
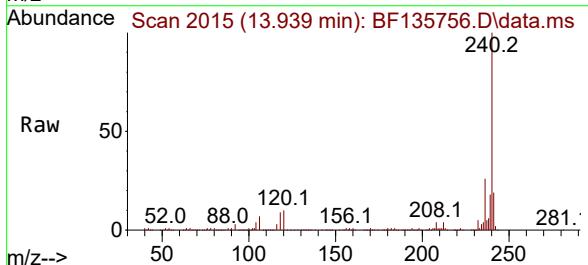
Instrument :
BNA_F
ClientSampleId :
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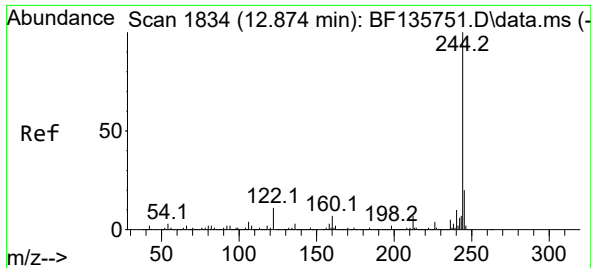
Tgt Ion:188 Resp: 461179
Ion Ratio Lower Upper
188 100
94 9.1 8.0 12.0
80 9.4 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135756.D
Acq: 13 Oct 2023 16:59

Tgt Ion:240 Resp: 352807
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.2
236 25.6 21.2 31.8

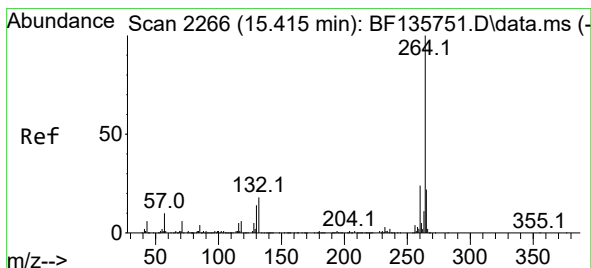
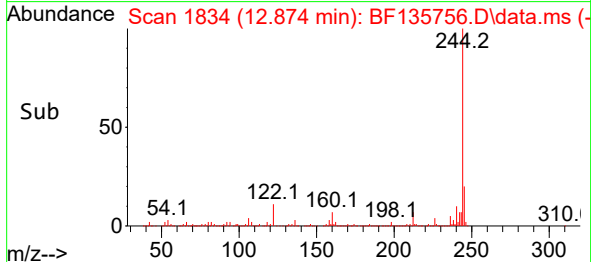
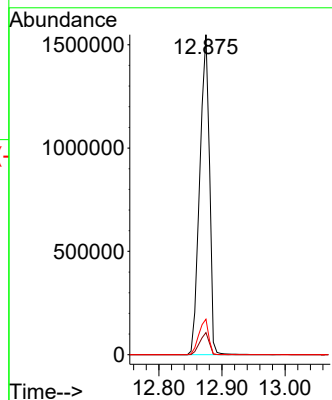
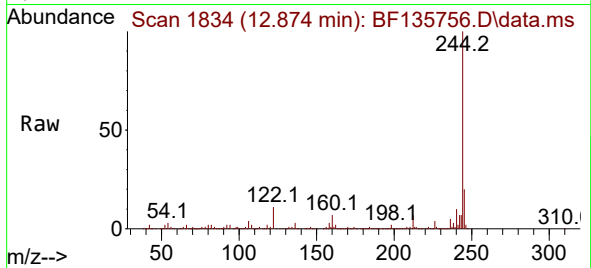




#79
 Terphenyl-d14
 Concen: 86.440 ng
 RT: 12.874 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF135756.D
 Acq: 13 Oct 2023 16:59

Instrument :
 BNA_F
 ClientSampleId :
 PB156084BL

Tgt Ion:244 Resp: 1646760
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.1 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.416 min Scan# 2266
 Delta R.T. 0.000 min
 Lab File: BF135756.D
 Acq: 13 Oct 2023 16:59

Tgt Ion:264 Resp: 344563
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 22.3 17.4 26.2

