

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
 Data File : BF135479.D
 Acq On : 27 Sep 2023 18:34
 Operator : CG\JU
 Sample : 04601-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Sep 28 01:51:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 01:36:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	147570	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	548662	20.000	ng	0.00
39) Acenaphthene-d10	9.787	164	251899	20.000	ng	0.00
64) Phenanthrene-d10	11.281	188	415595	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	220908	20.000	ng	0.00
86) Perylene-d12	15.410	264	291828	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	713670	78.657	ng	0.00
7) Phenol-d6	6.399	99	932736	80.847	ng	0.00
23) Nitrobenzene-d5	7.316	82	524646	51.951	ng	0.00
42) 2,4,6-Tribromophenol	10.581	330	153364	61.266	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	910850	54.554	ng	0.00
79) Terphenyl-d14	12.880	244	703198	49.346	ng	0.00

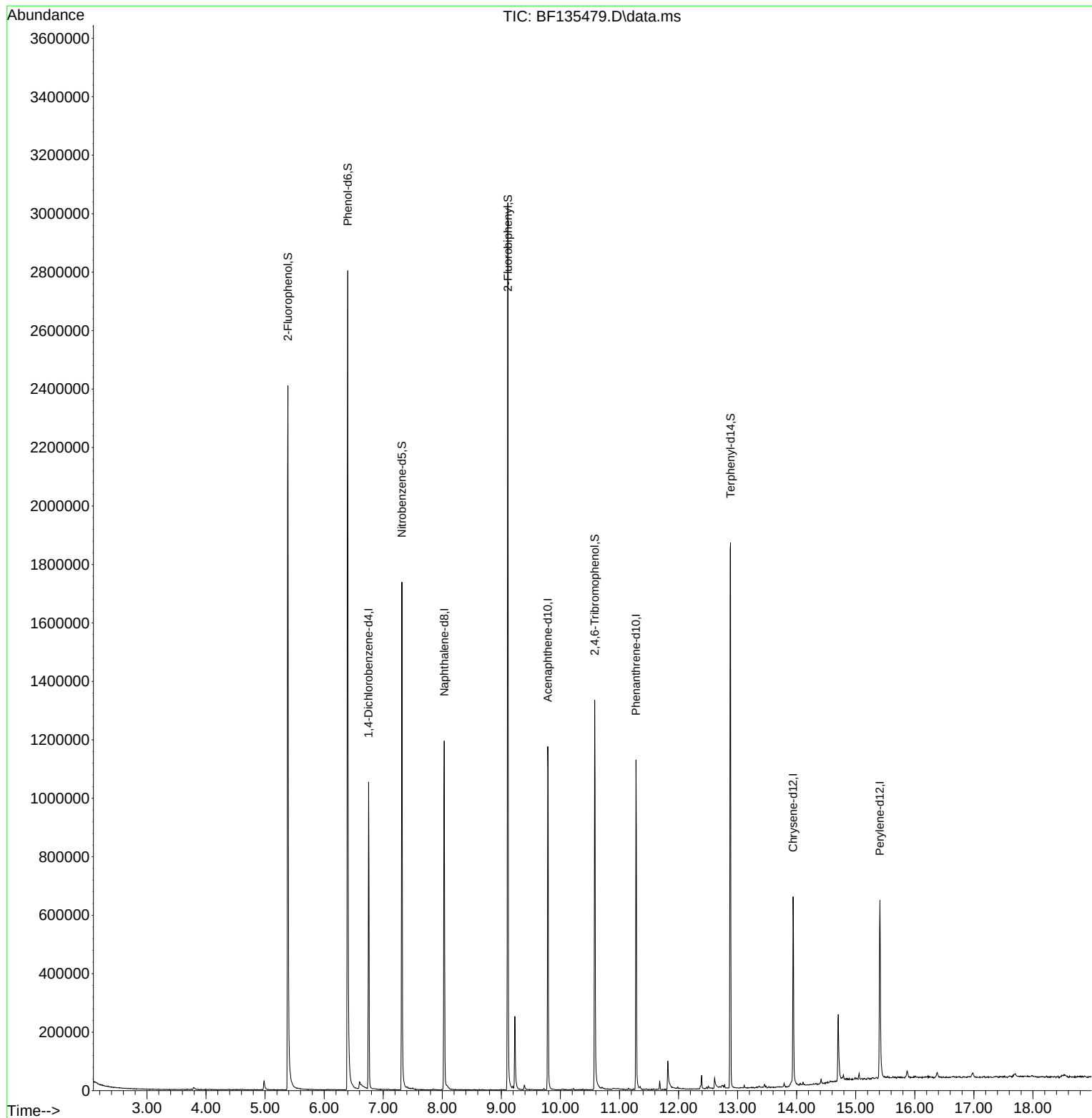
Target Compounds	Qvalue

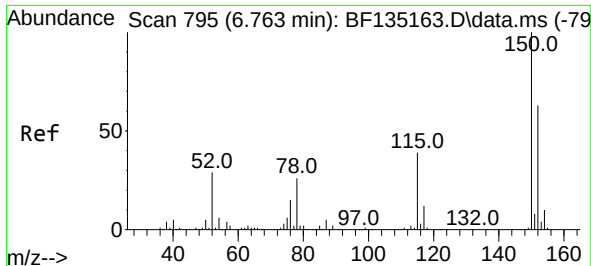
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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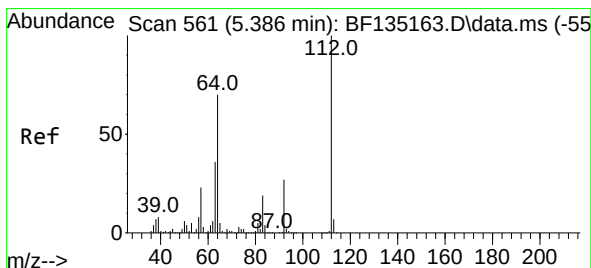
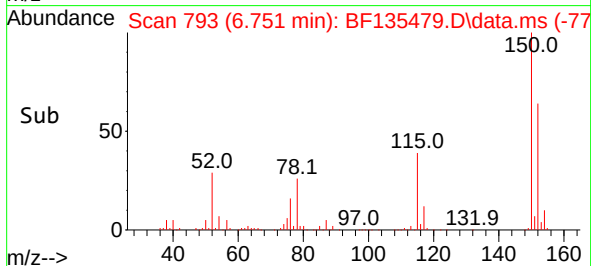
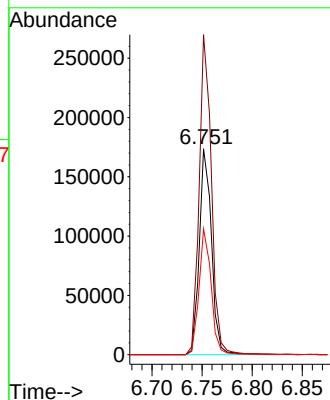
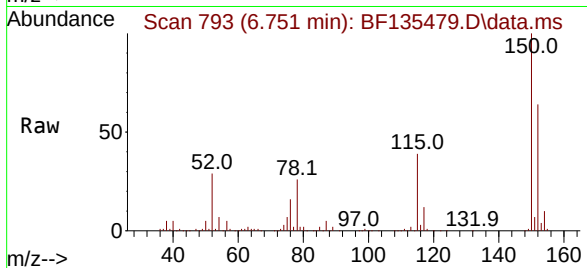




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135479.D
Acq: 27 Sep 2023 18:34

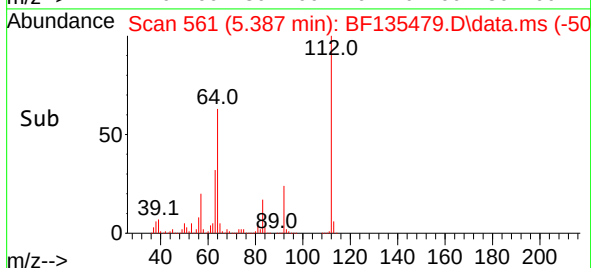
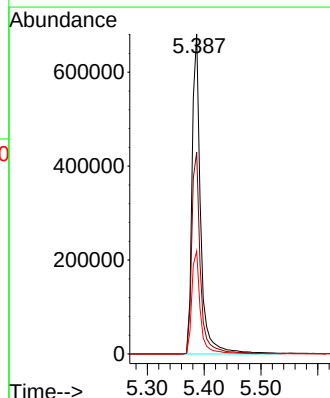
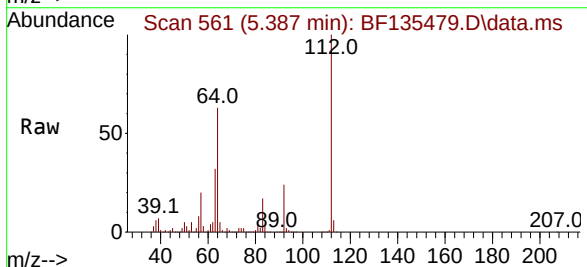
Instrument :
BNA_F
ClientSampleId :
TP-2

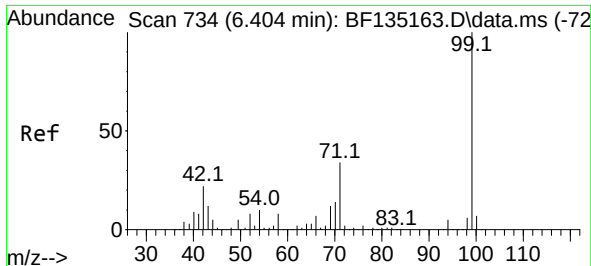
Tgt Ion:152 Resp: 147570
Ion Ratio Lower Upper
152 100
150 155.3 127.8 191.6
115 61.1 49.8 74.8



#5
2-Fluorophenol
Concen: 78.657 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF135479.D
Acq: 27 Sep 2023 18:34

Tgt Ion:112 Resp: 713670
Ion Ratio Lower Upper
112 100
64 63.1 55.9 83.9
63 32.1 29.0 43.6

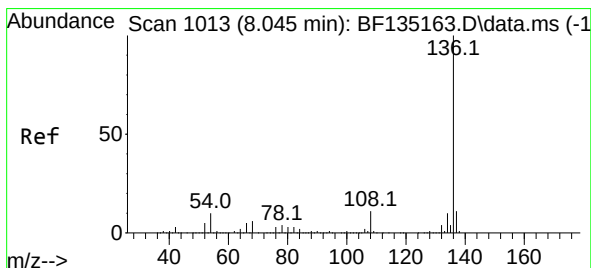
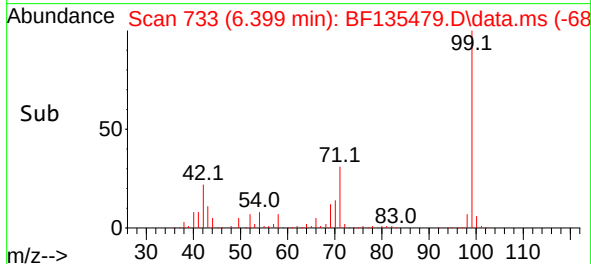
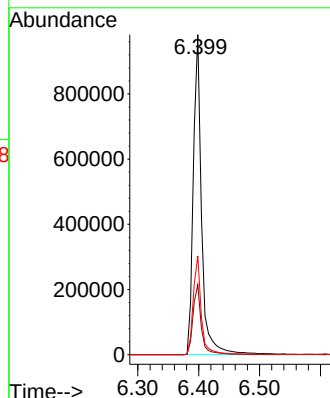
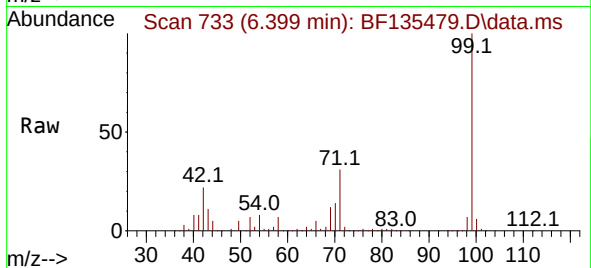




#7
Phenol-d6
Concen: 80.847 ng
RT: 6.399 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135479.D
Acq: 27 Sep 2023 18:34

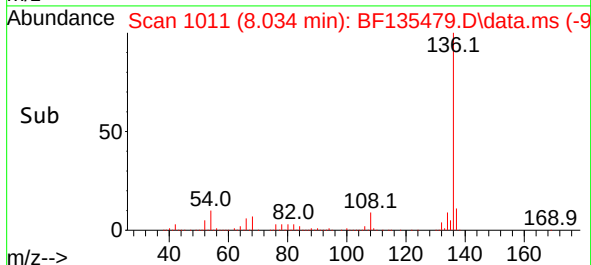
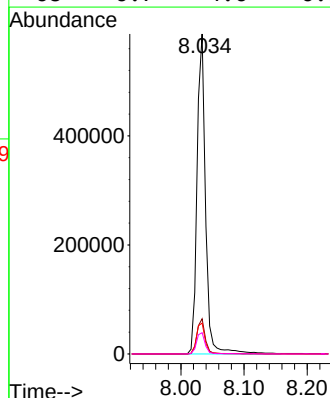
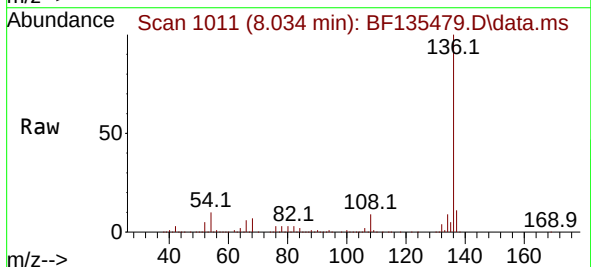
Instrument :
BNA_F
ClientSampleId :
TP-2

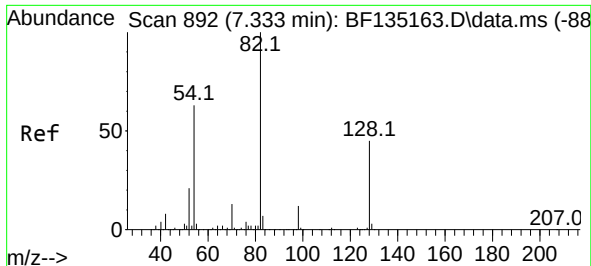
Tgt Ion: 99 Resp: 932736
Ion Ratio Lower Upper
99 100
42 21.9 17.9 26.9
71 30.9 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BF135479.D
Acq: 27 Sep 2023 18:34

Tgt Ion:136 Resp: 548662
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.6 7.7 11.5
68 6.7 4.6 6.8





#23

Nitrobenzene-d5

Concen: 51.951 ng

RT: 7.316 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135479.D

Acq: 27 Sep 2023 18:34

Instrument :

BNA_F

ClientSampleId :

TP-2

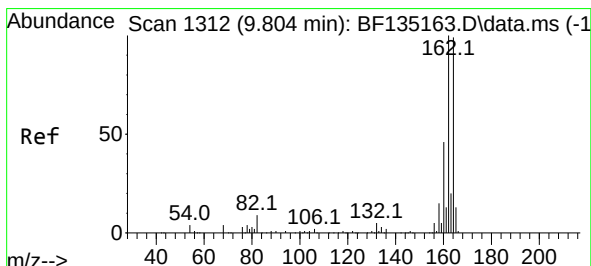
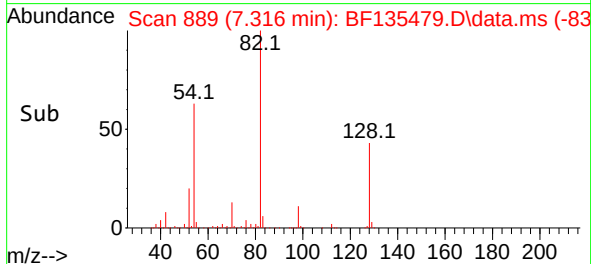
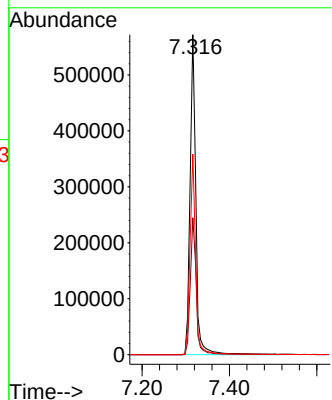
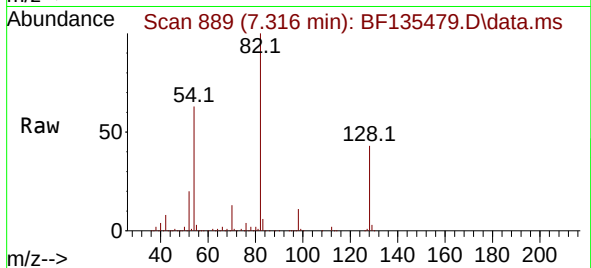
Tgt Ion: 82 Resp: 524646

Ion Ratio Lower Upper

82 100

128 42.8 35.8 53.6

54 62.6 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.787 min Scan# 1309

Delta R.T. -0.006 min

Lab File: BF135479.D

Acq: 27 Sep 2023 18:34

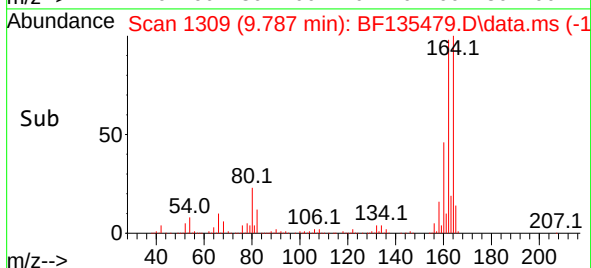
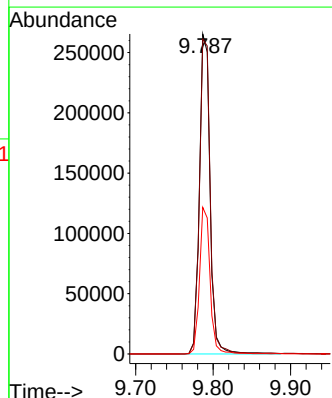
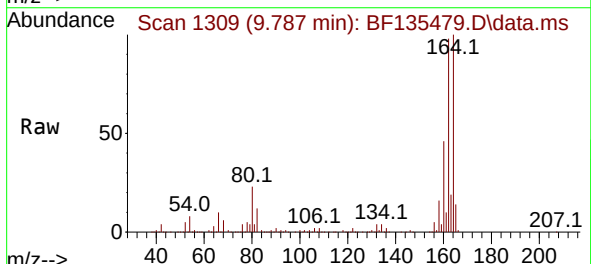
Tgt Ion: 164 Resp: 251899

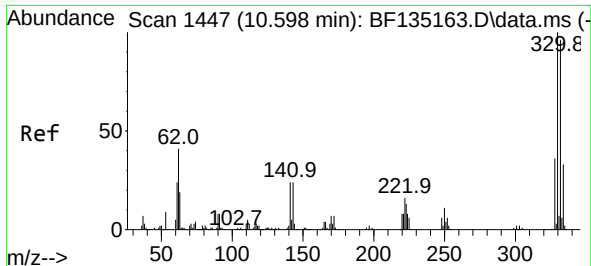
Ion Ratio Lower Upper

164 100

162 98.3 81.0 121.4

160 45.8 37.0 55.4

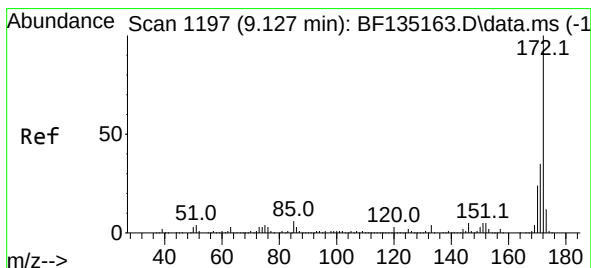
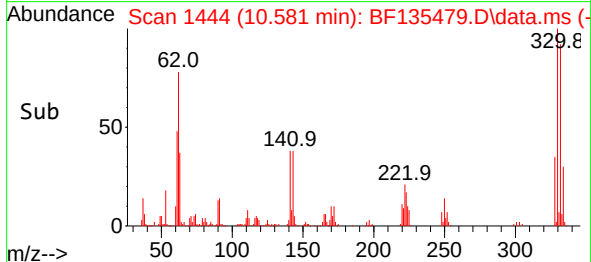
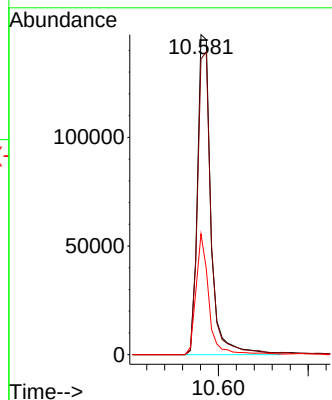
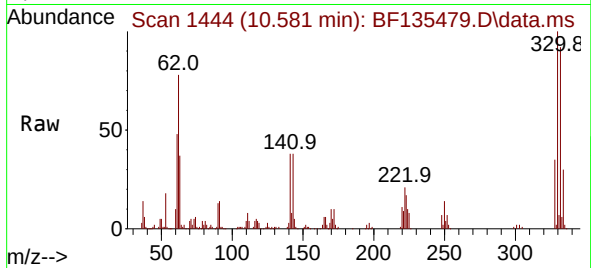




#42
2,4,6-Tribromophenol
Concen: 61.266 ng
RT: 10.581 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF135479.D
Acq: 27 Sep 2023 18:34

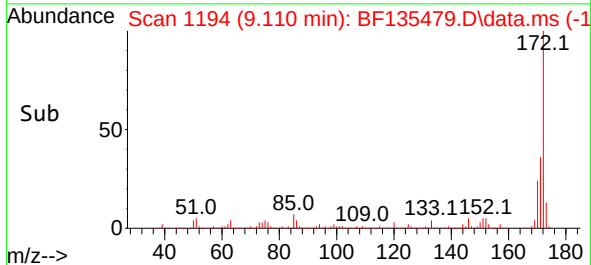
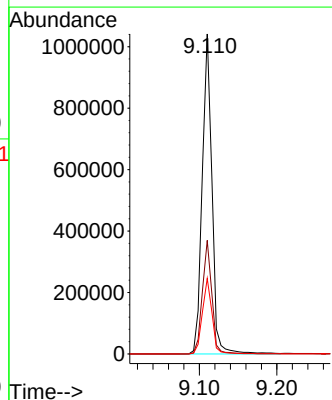
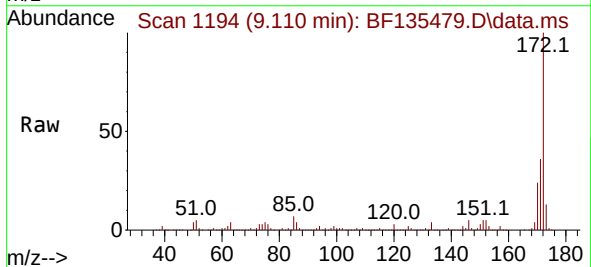
Instrument :
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ClientSampleId :
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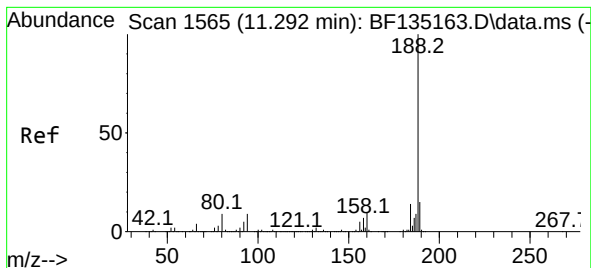
Tgt Ion:330 Resp: 153364
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 36.0 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 54.554 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF135479.D
Acq: 27 Sep 2023 18:34

Tgt Ion:172 Resp: 910850
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.6 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.281 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135479.D

Acq: 27 Sep 2023 18:34

Instrument :

BNA_F

ClientSampleId :

TP-2

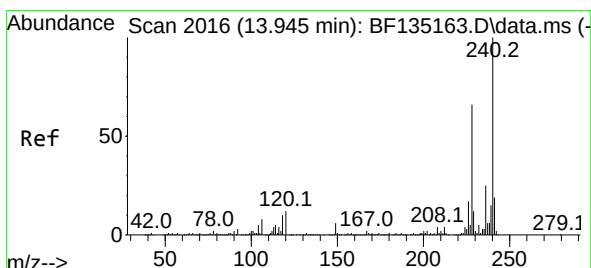
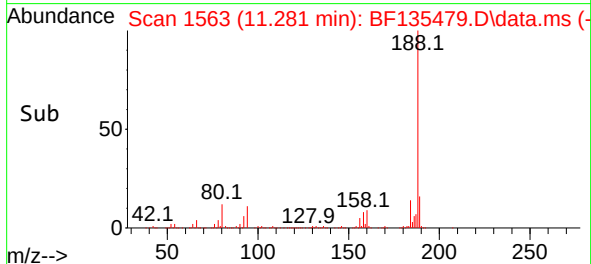
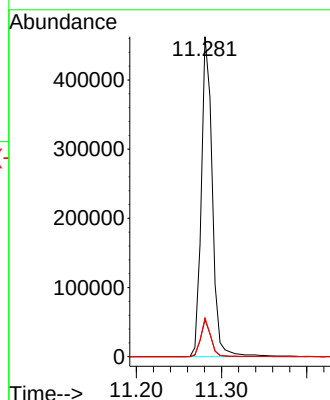
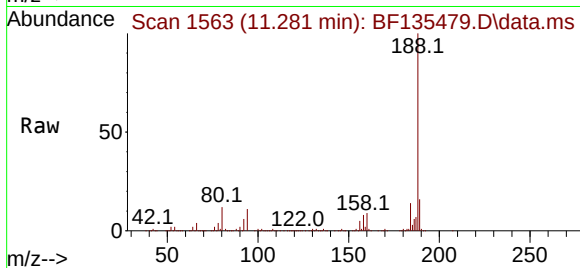
Tgt Ion:188 Resp: 415595

Ion Ratio Lower Upper

188 100

94 11.5 7.0 10.6#

80 12.1 7.5 11.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF135479.D

Acq: 27 Sep 2023 18:34

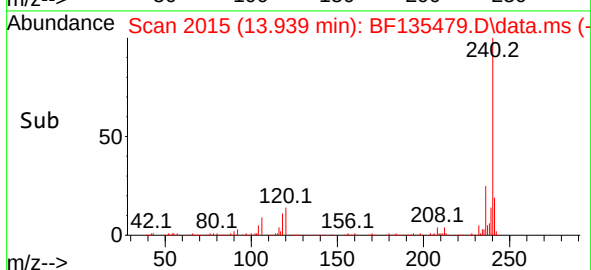
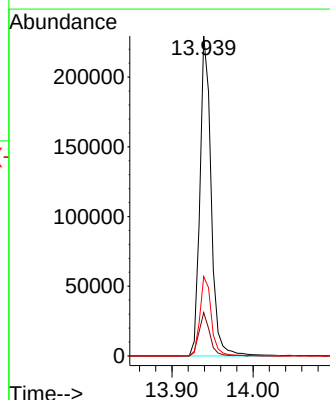
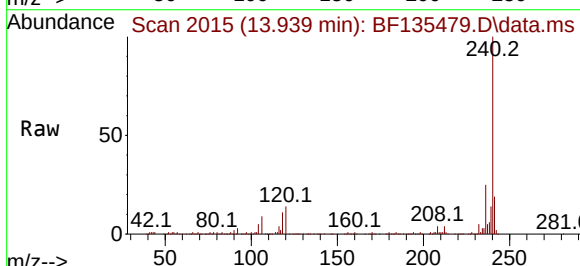
Tgt Ion:240 Resp: 220908

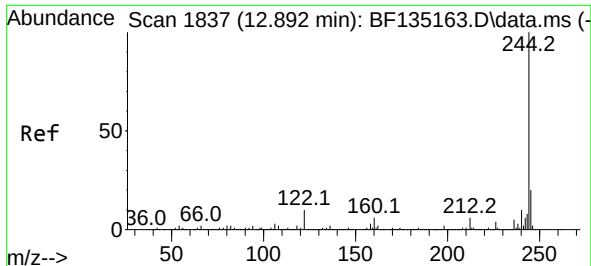
Ion Ratio Lower Upper

240 100

120 13.6 9.4 14.2

236 24.8 19.8 29.8

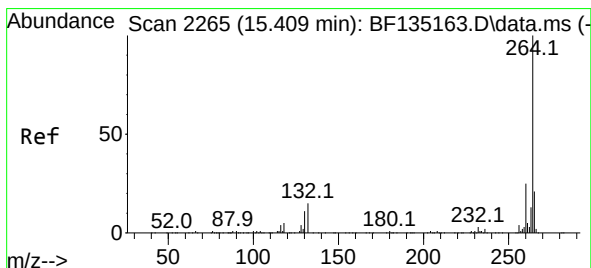
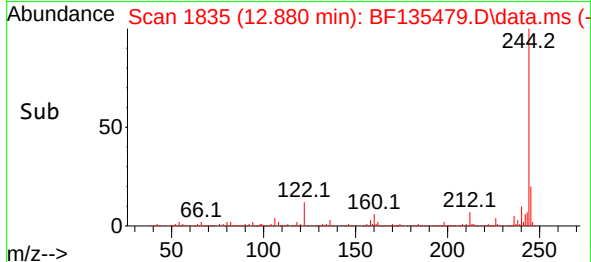
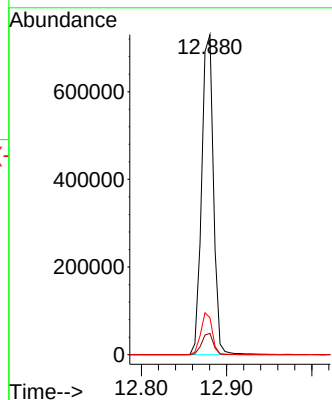
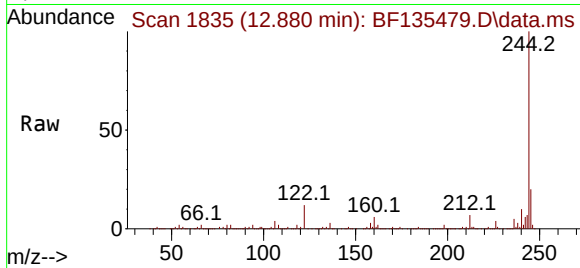




#79
 Terphenyl-d14
 Concen: 49.346 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. 0.000 min
 Lab File: BF135479.D
 Acq: 27 Sep 2023 18:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tgt Ion:244 Resp: 703198
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 11.6 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. 0.006 min
 Lab File: BF135479.D
 Acq: 27 Sep 2023 18:34

Tgt Ion:264 Resp: 291828
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.8 29.6
 265 22.0 17.0 25.4

