

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
 Data File : BF135475.D
 Acq On : 27 Sep 2023 16:32
 Operator : CG\JU
 Sample : 04597-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 340

Quant Time: Sep 28 01:49:19 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	6.757	152	176111	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	666701	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	307781	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	504550	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	278816	20.000	ng	# 0.00
86) Perylene-d12	15.410	264	350635	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1244103	114.897	ng	0.02
7) Phenol-d6	6.404	99	1488970	108.144	ng	0.00
23) Nitrobenzene-d5	7.322	82	1055280	85.995	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	317120	103.681	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1662794	81.509	ng	0.00
79) Terphenyl-d14	12.880	244	1242101	69.060	ng	0.00

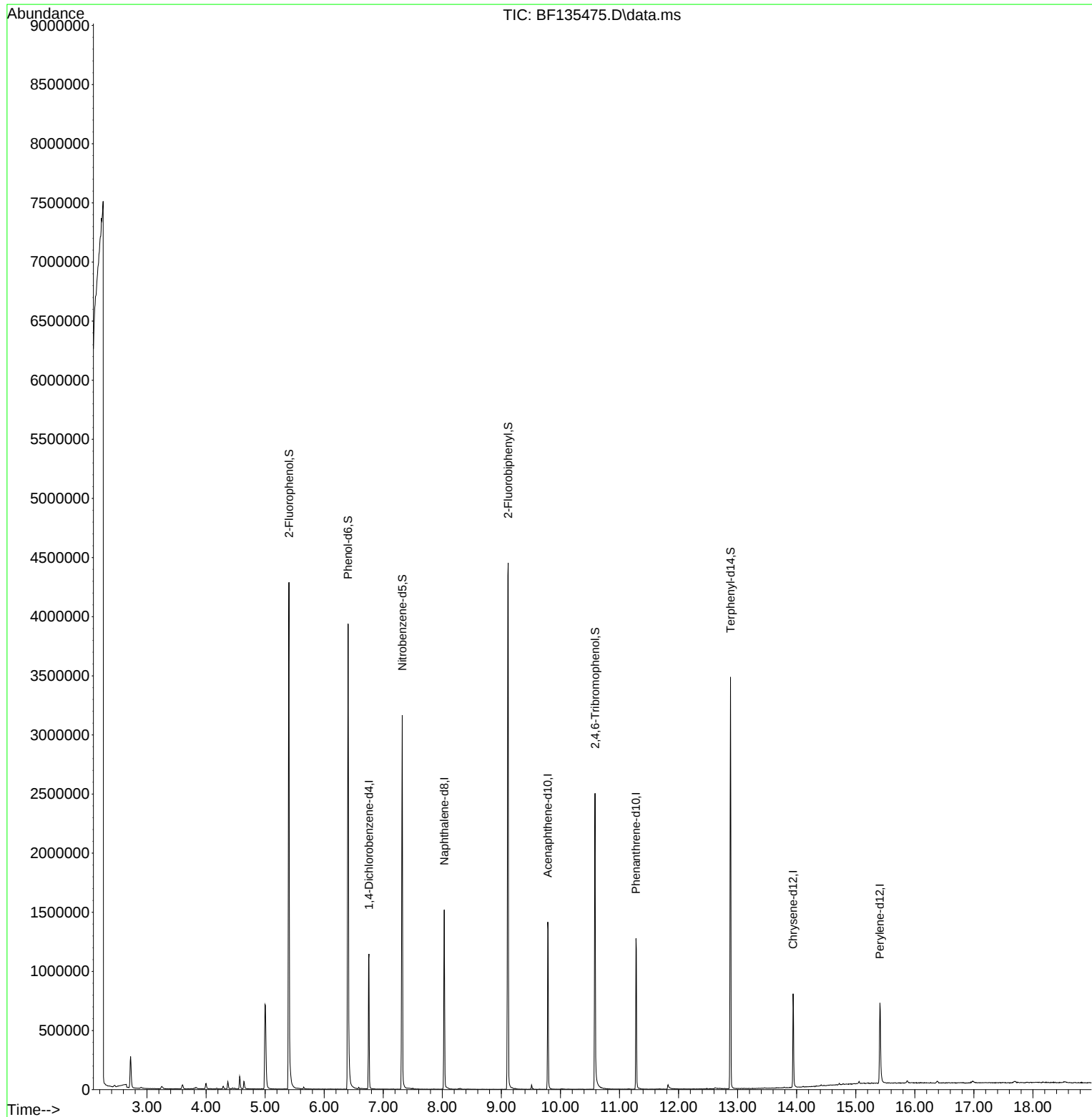
Target Compounds	Qvalue

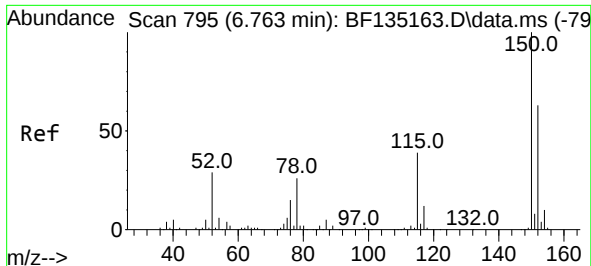
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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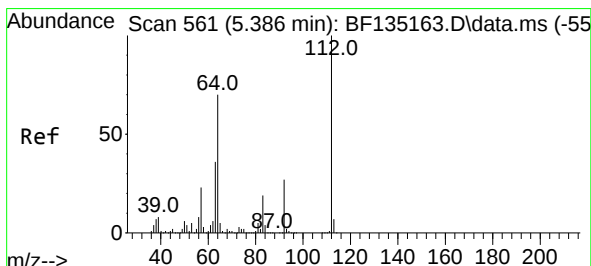
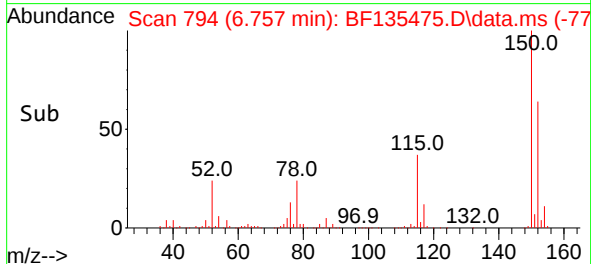
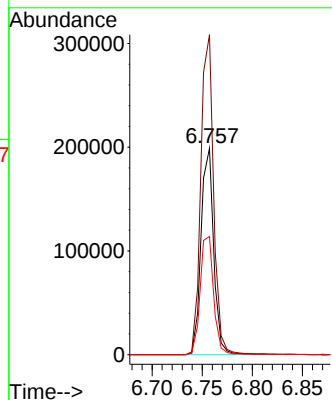
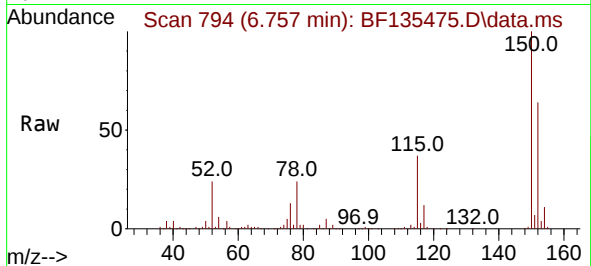




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. 0.006 min
Lab File: BF135475.D
Acq: 27 Sep 2023 16:32

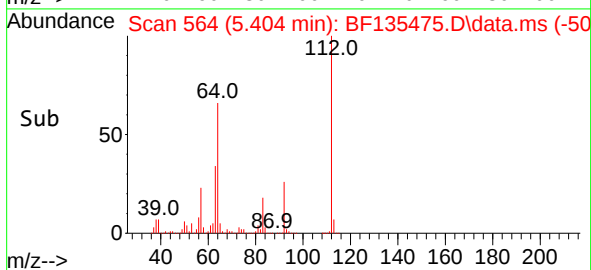
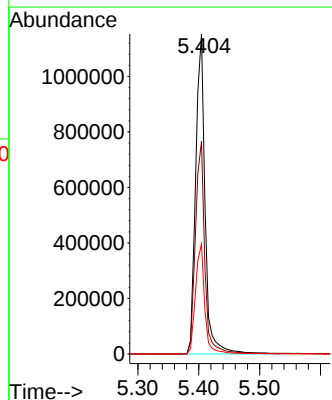
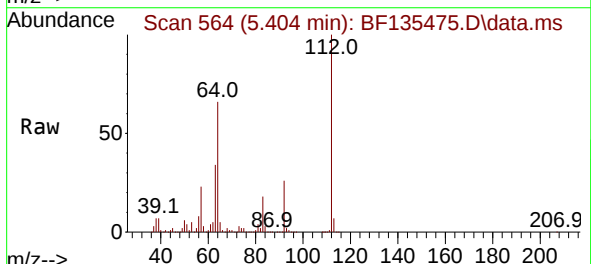
Instrument :
BNA_F
ClientSampleId :
340

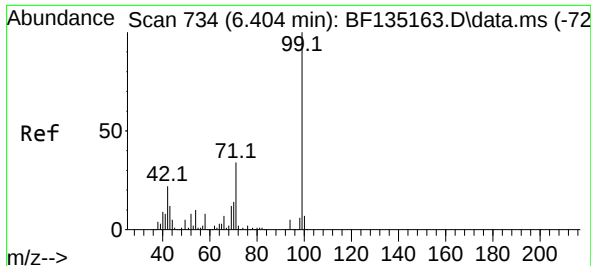
Tgt Ion:152 Resp: 176111
Ion Ratio Lower Upper
152 100
150 155.1 127.8 191.6
115 57.3 49.8 74.8



#5
2-Fluorophenol
Concen: 114.897 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.023 min
Lab File: BF135475.D
Acq: 27 Sep 2023 16:32

Tgt Ion:112 Resp: 1244103
Ion Ratio Lower Upper
112 100
64 66.4 55.9 83.9
63 34.4 29.0 43.6

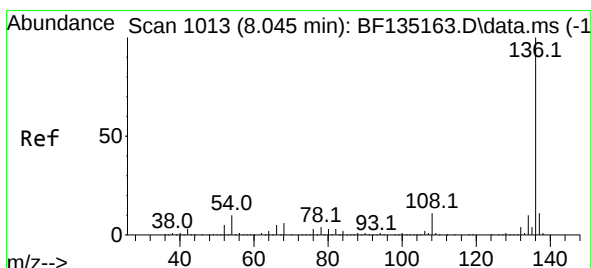
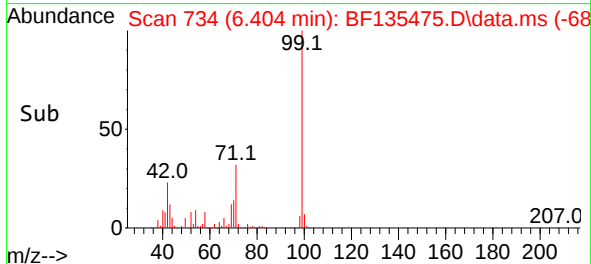
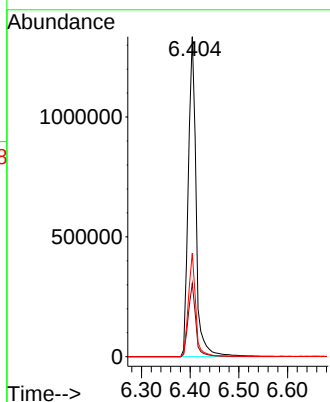
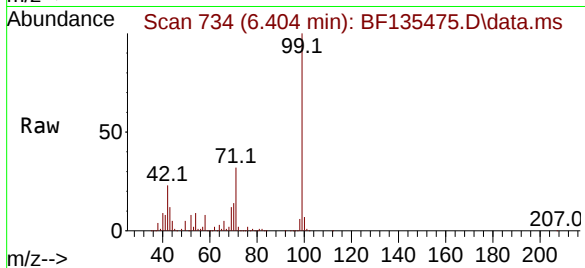




#7
Phenol-d6
Concen: 108.144 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135475.D
Acq: 27 Sep 2023 16:32

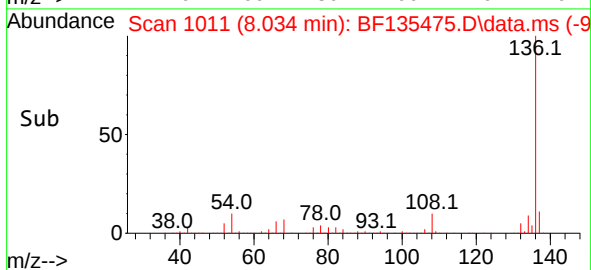
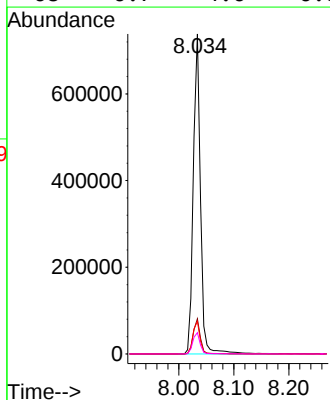
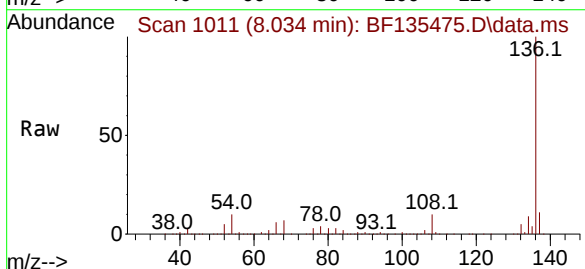
Instrument :
BNA_F
ClientSampleId :
340

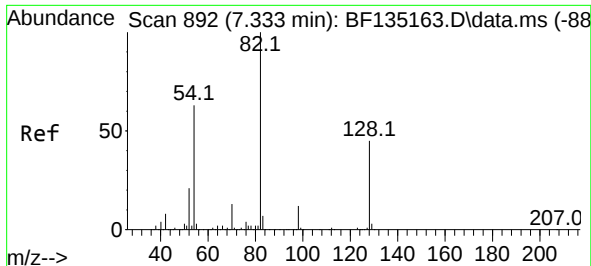
Tgt Ion: 99 Resp: 1488970
Ion Ratio Lower Upper
99 100
42 22.9 17.9 26.9
71 32.3 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BF135475.D
Acq: 27 Sep 2023 16:32

Tgt Ion:136 Resp: 666701
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.2 7.7 11.5
68 6.7 4.6 6.8





#23

Nitrobenzene-d5

Concen: 85.995 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF135475.D

Acq: 27 Sep 2023 16:32

Instrument :

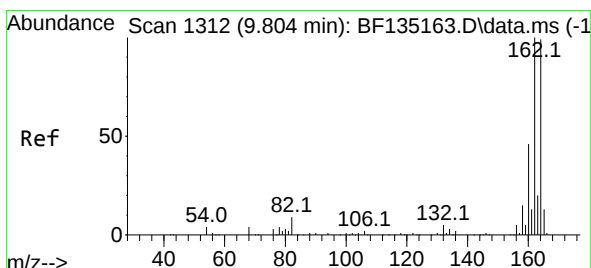
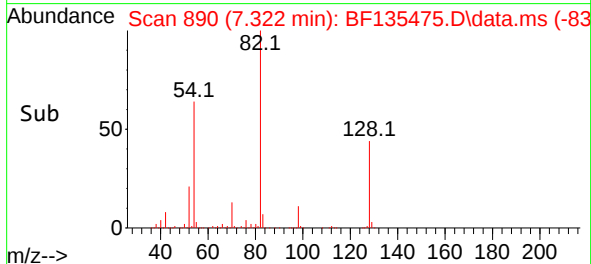
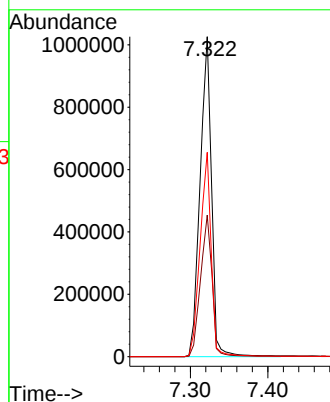
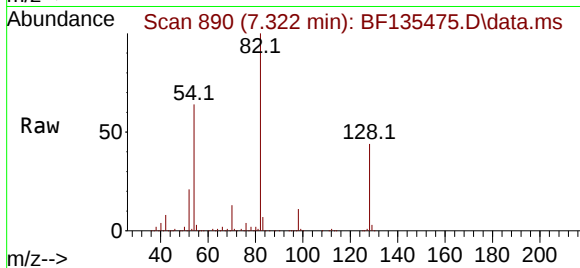
BNA_F

ClientSampleId :

340

Tgt Ion: 82 Resp: 1055280

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.8	53.6
54	63.9	50.6	76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.786 min Scan# 1309

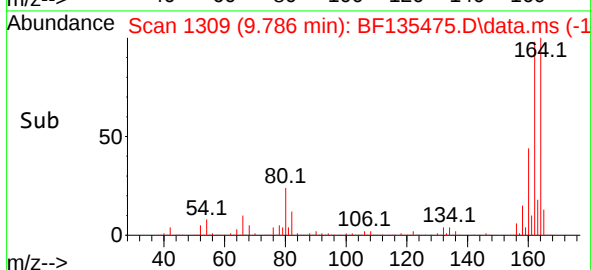
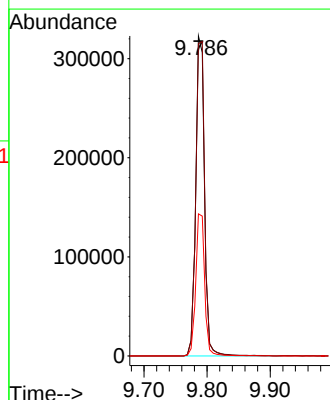
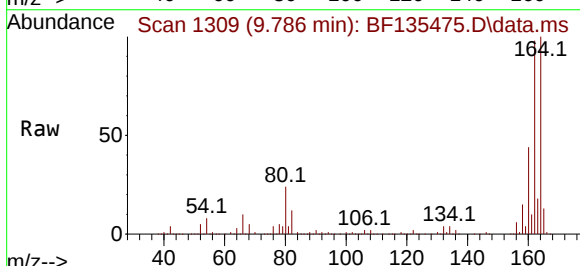
Delta R.T. -0.006 min

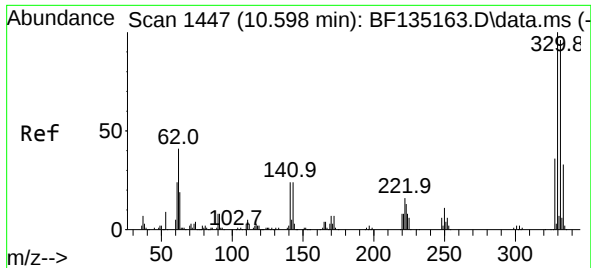
Lab File: BF135475.D

Acq: 27 Sep 2023 16:32

Tgt Ion: 164 Resp: 307781

Ion	Ratio	Lower	Upper
164	100		
162	97.6	81.0	121.4
160	44.4	37.0	55.4

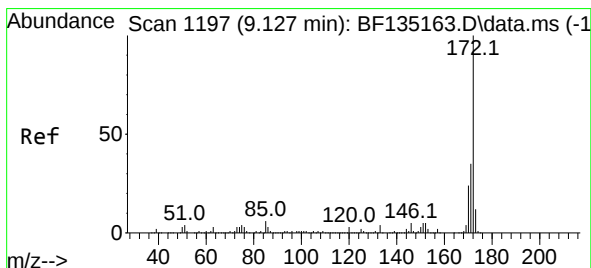
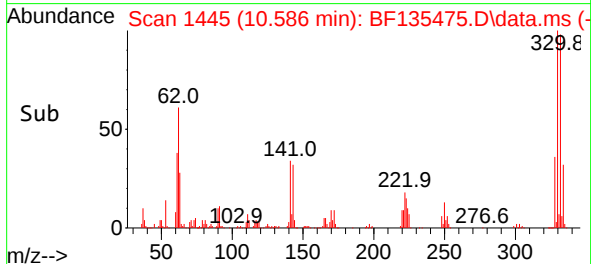
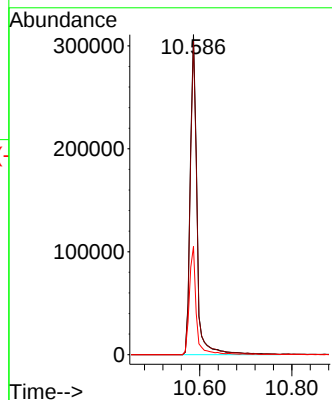
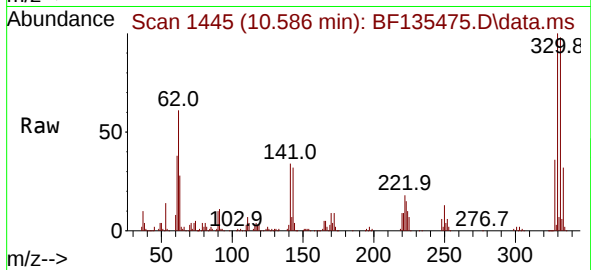




#42
2,4,6-Tribromophenol
Concen: 103.681 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF135475.D
Acq: 27 Sep 2023 16:32

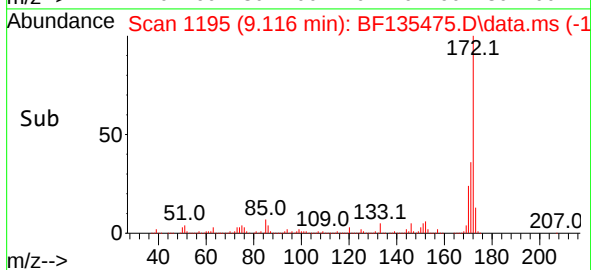
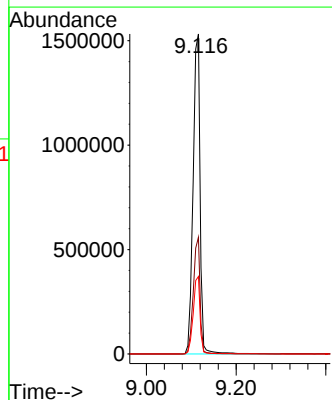
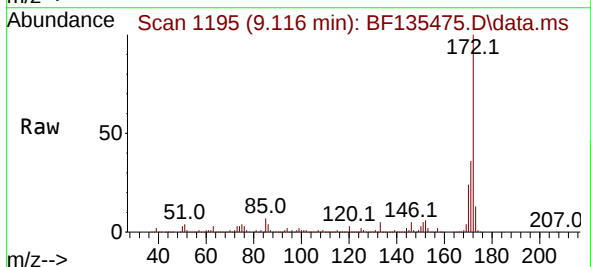
Instrument :
BNA_F
ClientSampleId :
340

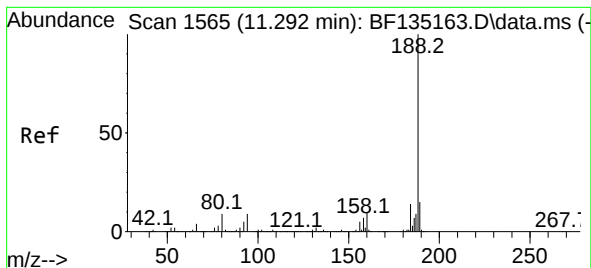
Tgt Ion:330 Resp: 317120
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 34.4 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 81.509 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BF135475.D
Acq: 27 Sep 2023 16:32

Tgt Ion:172 Resp: 1662794
Ion Ratio Lower Upper
172 100
171 36.4 28.4 42.6
170 24.2 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.280 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135475.D

Acq: 27 Sep 2023 16:32

Instrument :

BNA_F

ClientSampleId :

340

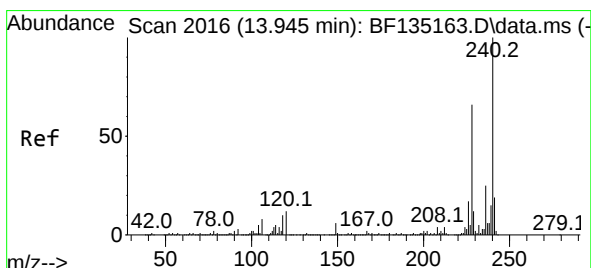
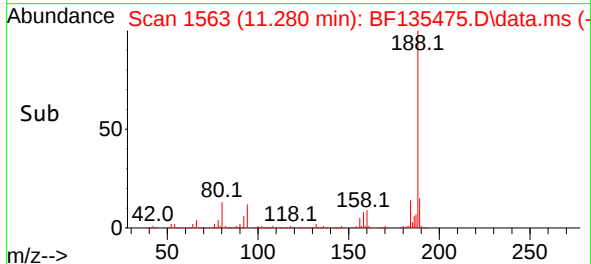
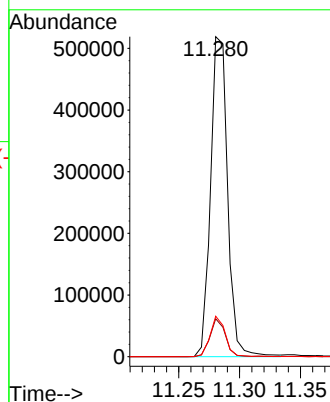
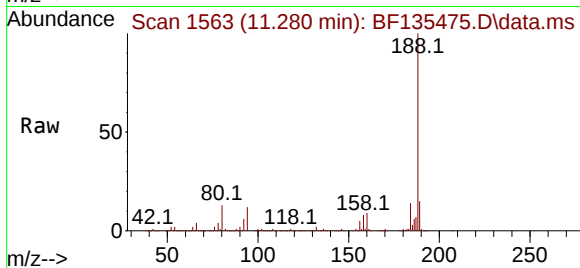
Tgt Ion:188 Resp: 504550

Ion Ratio Lower Upper

188 100

94 11.9 7.0 10.6#

80 12.7 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: BF135475.D

Acq: 27 Sep 2023 16:32

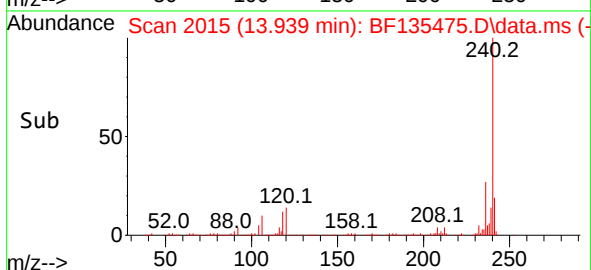
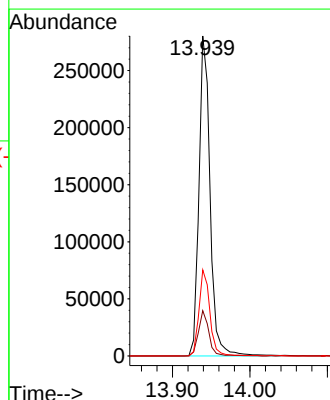
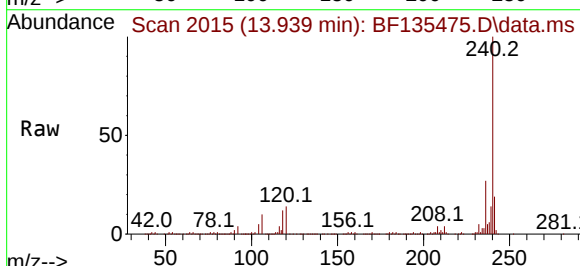
Tgt Ion:240 Resp: 278816

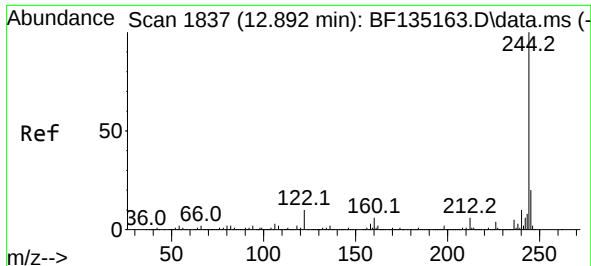
Ion Ratio Lower Upper

240 100

120 14.2 9.4 14.2#

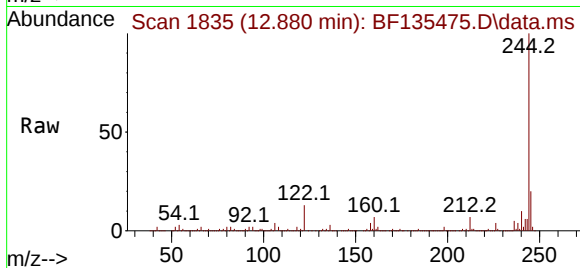
236 26.9 19.8 29.8



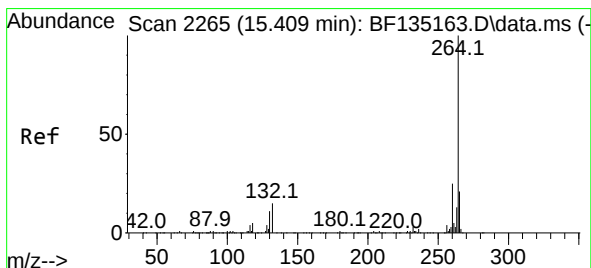
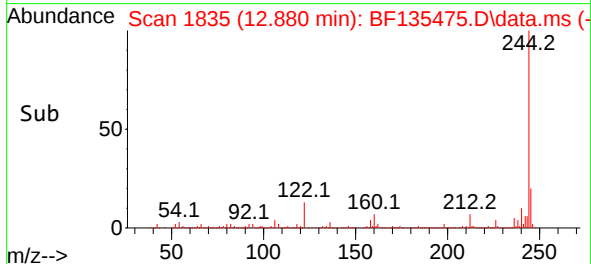
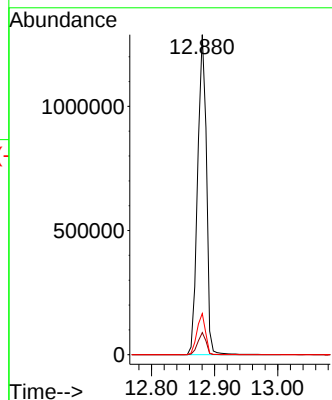


#79
 Terphenyl-d14
 Concen: 69.060 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.000 min
 Lab File: BF135475.D
 Acq: 27 Sep 2023 16:32

Instrument :
 BNA_F
 ClientSampleId :
 340



Tgt Ion:244 Resp: 1242101
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 12.8 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: BF135475.D
 Acq: 27 Sep 2023 16:32

Tgt Ion:264 Resp: 350635
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.8 29.6
 265 22.2 17.0 25.4

