

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)

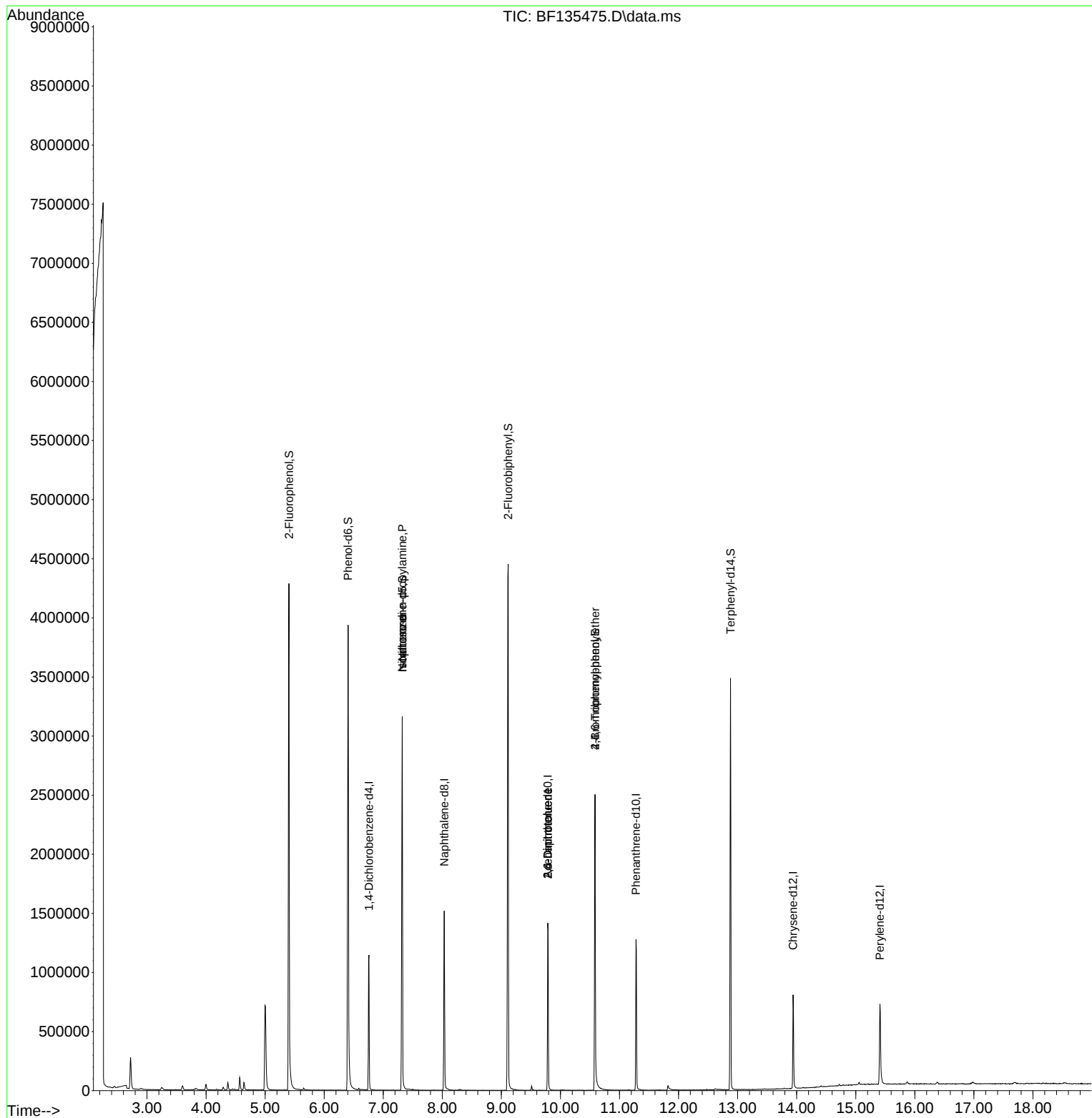
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	176111	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	666701	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	307781	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	504550	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	278816	20.000	ng	# 0.00
86) Perylene-d12	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						
19) n-Nitroso-di-n-propyla...	7.322	70	136774	16.038	ng	# 80
25) Isophorone	7.322	82	1055273	46.831	ng	# 65
51) 2,6-Dinitrotoluene	9.786	165	39604	8.688	ng	# 17
57) 2,4-Dinitrotoluene	9.786	165	39605	6.940	ng	# 19
67) 4-Bromophenyl-phenylether	10.586	248	19648	3.915	ng	# 1

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

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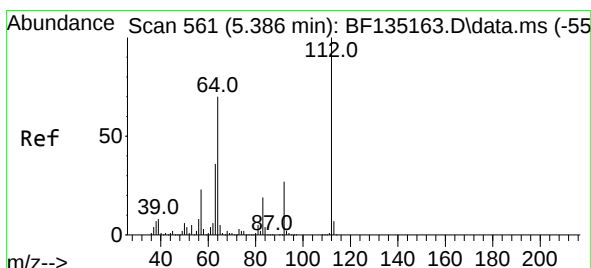
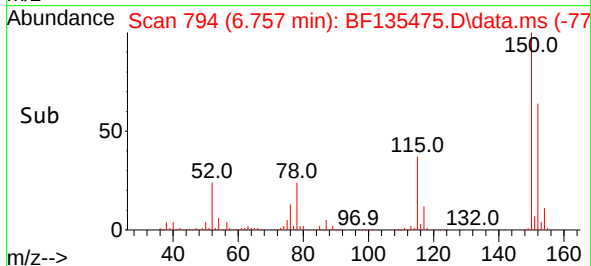
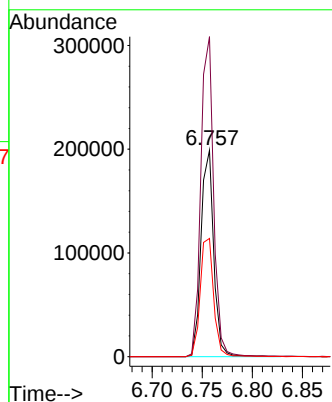
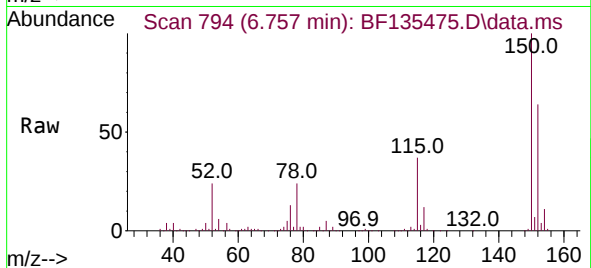




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. 0.006 min
Lab File: BF135475.D
Acq: 27 Sep 2023 16:32

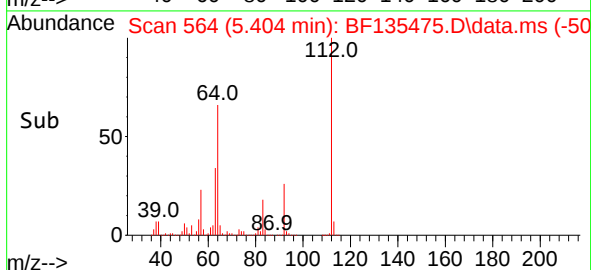
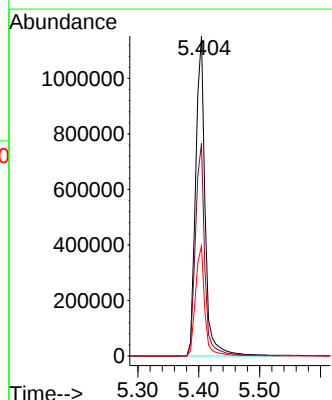
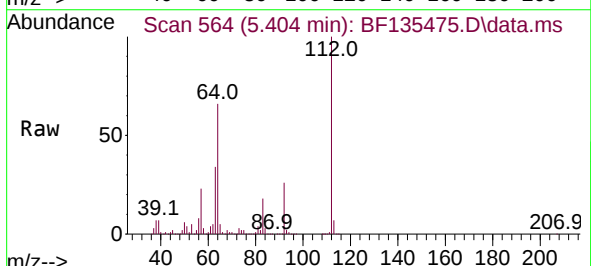
Instrument :
BNA_F
ClientSampleId :
340

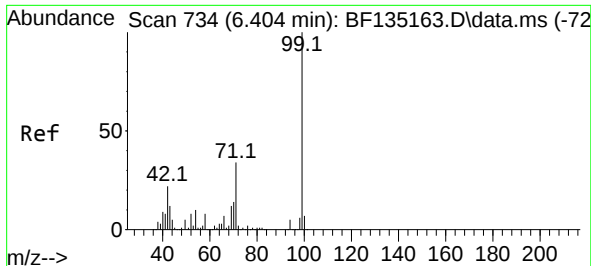
Tgt Ion:152 Resp: 176111
Ion Ratio Lower Upper
152 100
150 155.1 127.8 191.6
115 57.3 49.8 74.8



#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

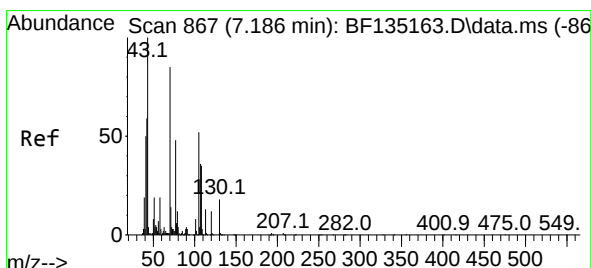
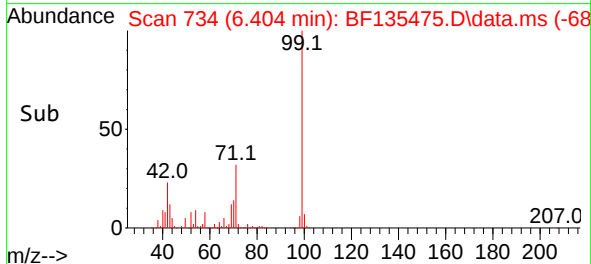
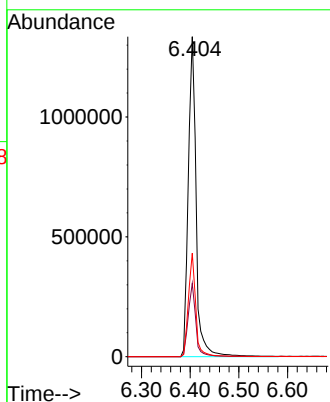
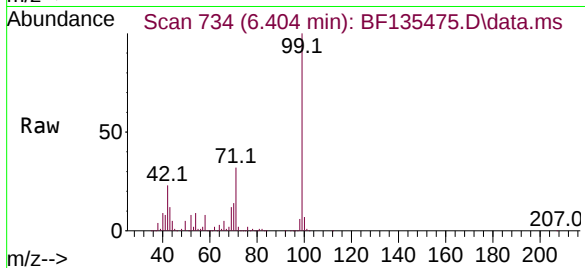




#7
Phenol-d6
Concen: 108.144 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135475.D
Acq: 27 Sep 2023 16:32

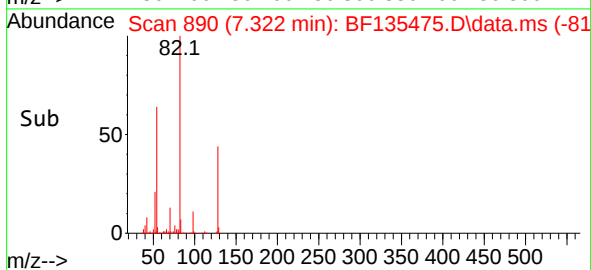
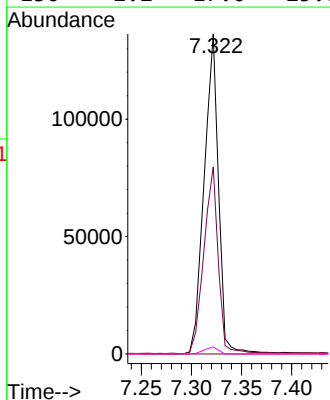
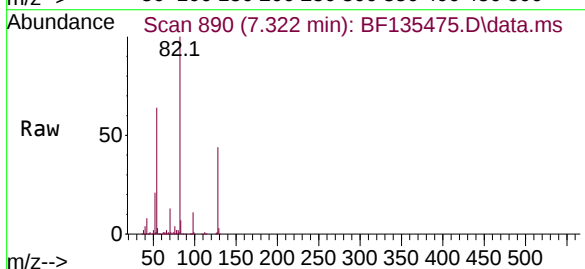
Instrument :
BNA_F
ClientSampleId :
340

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



#19
n-Nitroso-di-n-propylamine
Concen: 16.038 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.147 min
Lab File: BF135475.D
Acq: 27 Sep 2023 16:32

Tgt Ion: 70 Resp: 136774
Ion Ratio Lower Upper
70 100
42 58.5 55.4 83.0
101 0.0 7.7 11.5#
130 2.2 17.0 25.6#

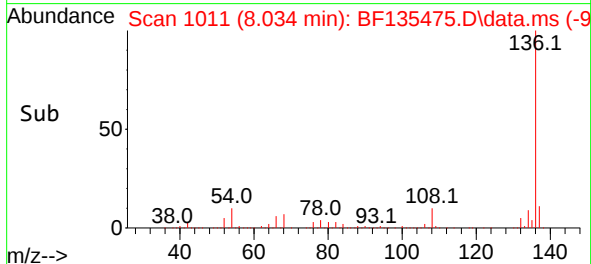
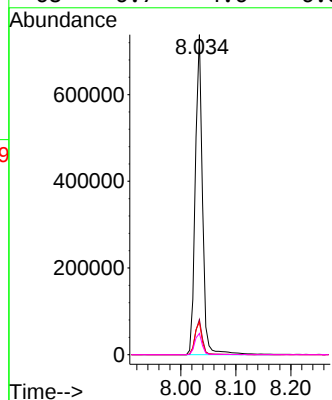
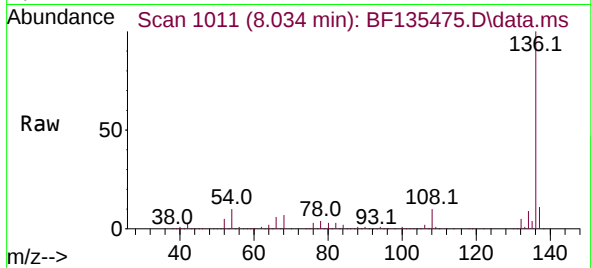




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135475.D
Acq: 27 Sep 2023 16:32

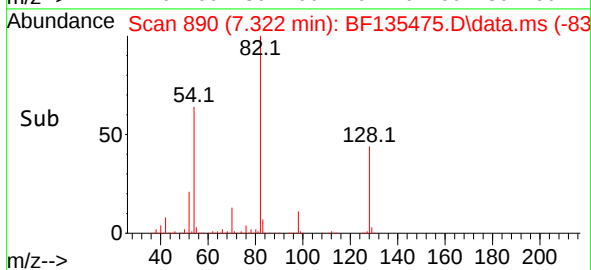
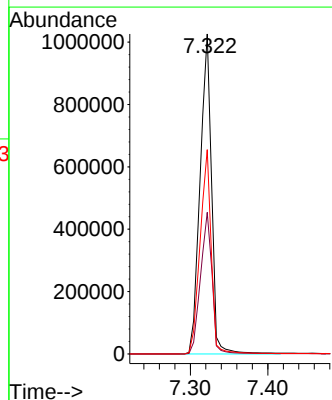
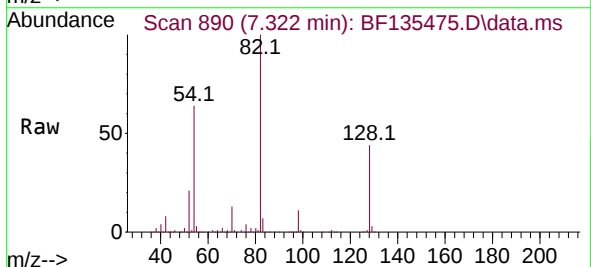
Instrument :
BNA_F
ClientSampleId :
340

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# 890
Delta R.T. -0.000 min
Lab File: BF135475.D
Acq: 27 Sep 2023 16:32

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

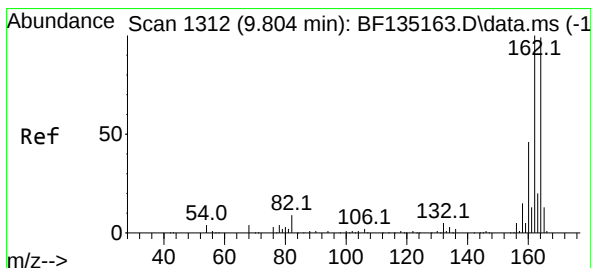
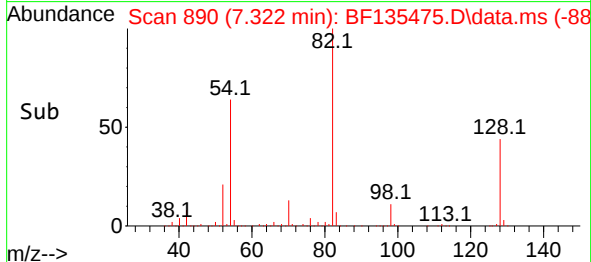
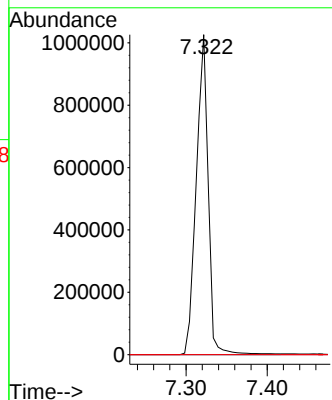
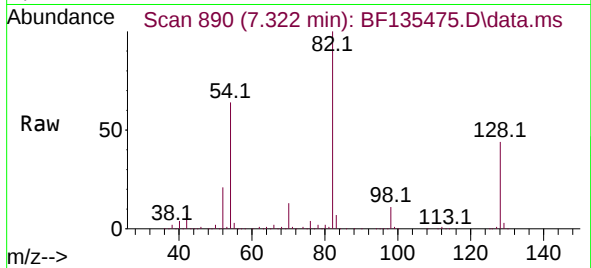




#25
Isophorone
Concen: 46.831 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF135475.D
Acq: 27 Sep 2023 16:32

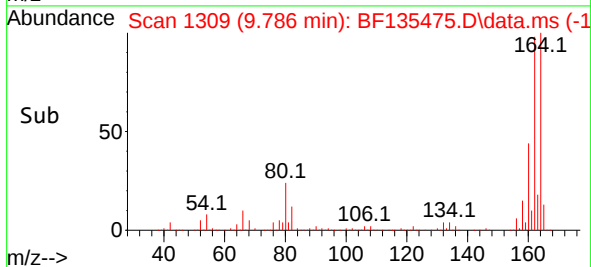
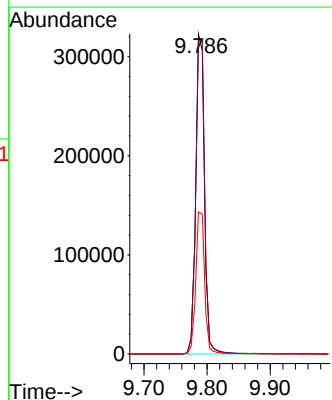
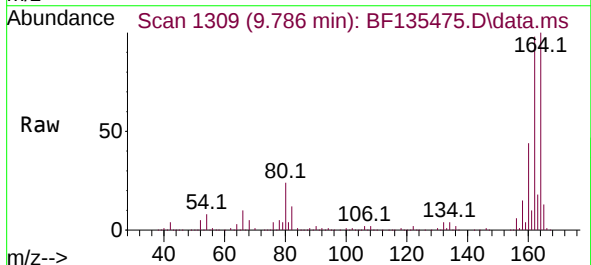
Instrument :
BNA_F
ClientSampleId :
340

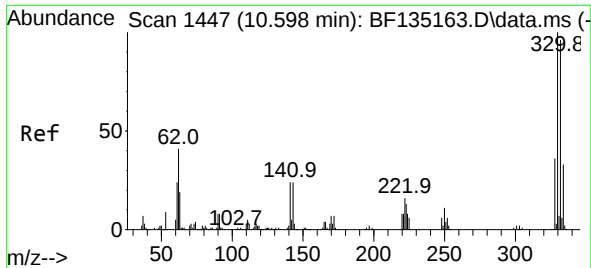
Tgt Ion: 82 Resp: 1055273
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#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

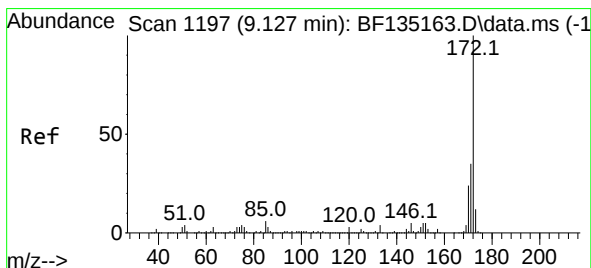
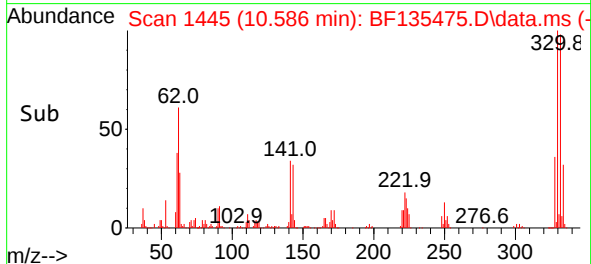
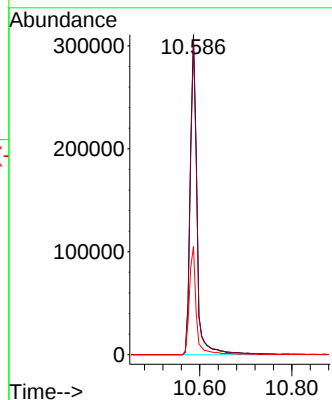
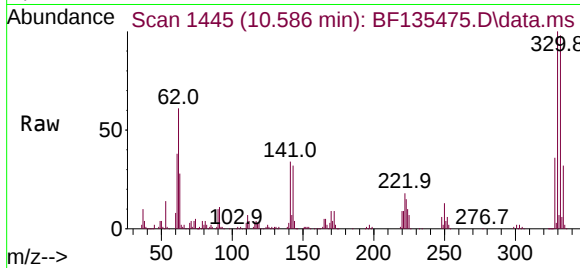




#42
2,4,6-Tribromophenol
Concen: 103.681 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF135475.D
Acq: 27 Sep 2023 16:32

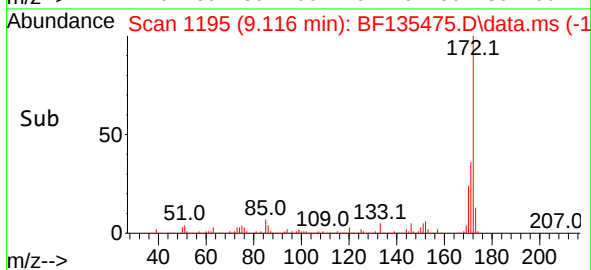
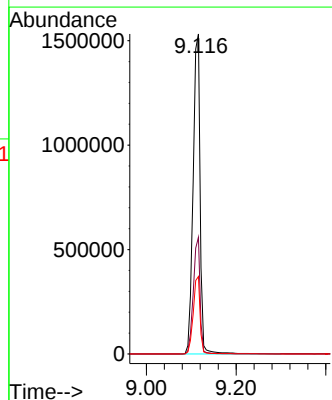
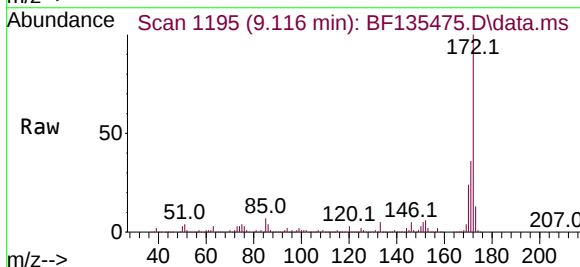
Instrument :
BNA_F
ClientSampleId :
340

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





#51

2,6-Dinitrotoluene

Concen: 8.688 ng

RT: 9.786 min Scan# 1

Delta R.T. 0.200 min

Lab File: BF135475.D

Acq: 27 Sep 2023 16:32

Instrument :

BNA_F

ClientSampleId :

340

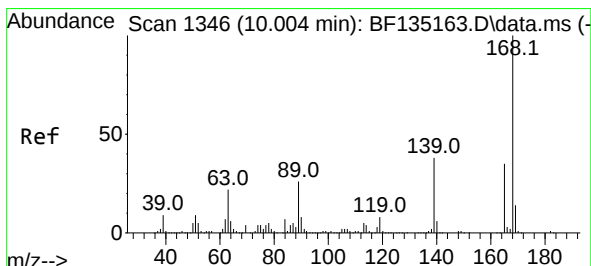
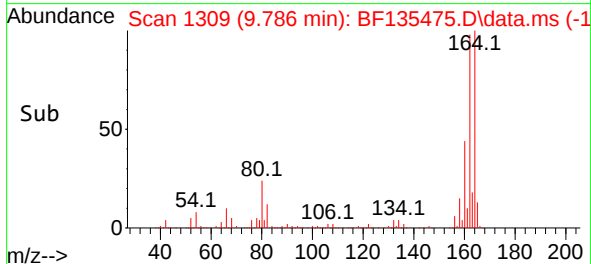
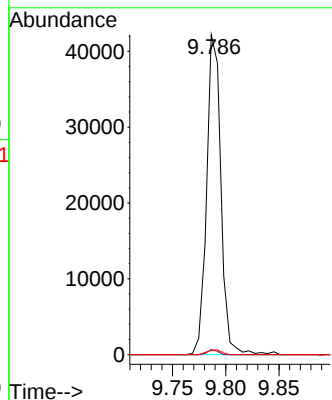
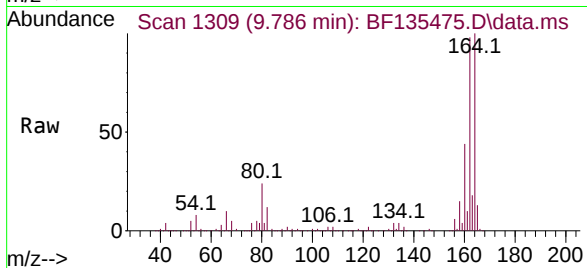
Tgt Ion:165 Resp: 39604

Ion Ratio Lower Upper

165 100

63 1.6 59.4 89.2#

89 1.4 49.8 74.8#



#57

2,4-Dinitrotoluene

Concen: 6.940 ng

RT: 9.786 min Scan# 1309

Delta R.T. -0.212 min

Lab File: BF135475.D

Acq: 27 Sep 2023 16:32

Tgt Ion:165 Resp: 39605

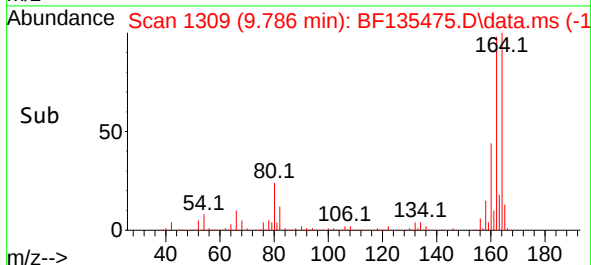
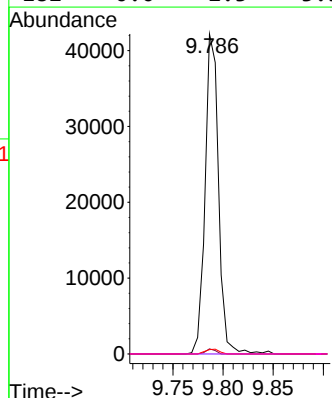
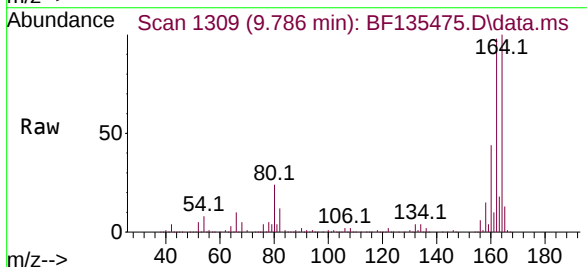
Ion Ratio Lower Upper

165 100

63 1.6 50.1 75.1#

89 1.4 59.3 88.9#

182 0.0 2.3 3.5#





#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

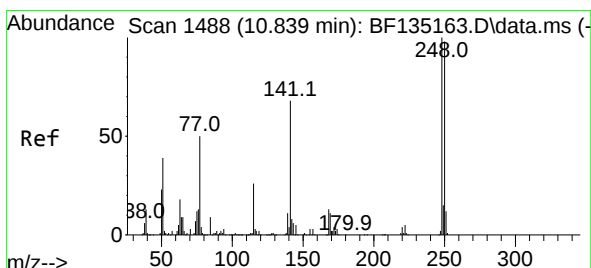
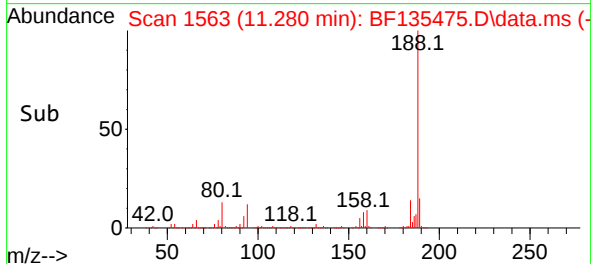
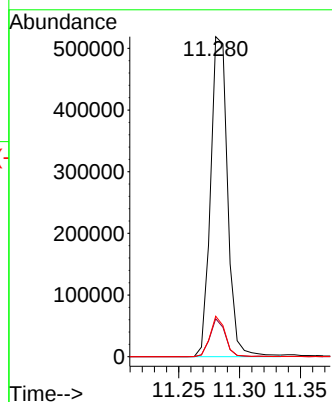
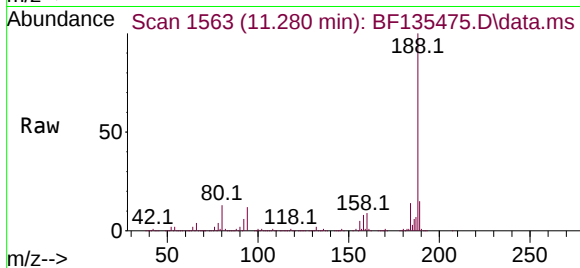
Tgt Ion:188 Resp: 504550

Ion Ratio Lower Upper

188 100

94 11.9 7.0 10.6#

80 12.7 7.5 11.3#



#67

4-Bromophenyl-phenylether

Concen: 3.915 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.241 min

Lab File: BF135475.D

Acq: 27 Sep 2023 16:32

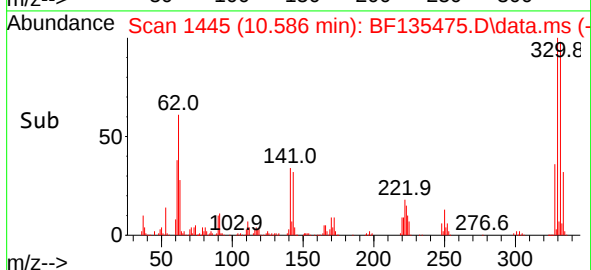
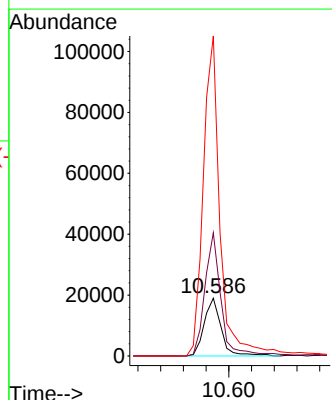
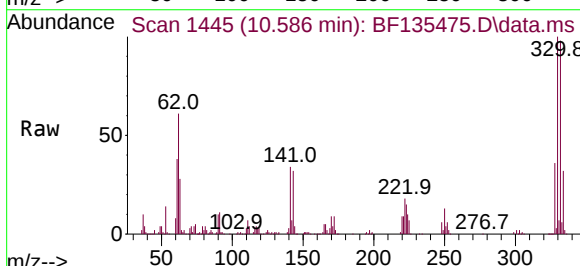
Tgt Ion:248 Resp: 19648

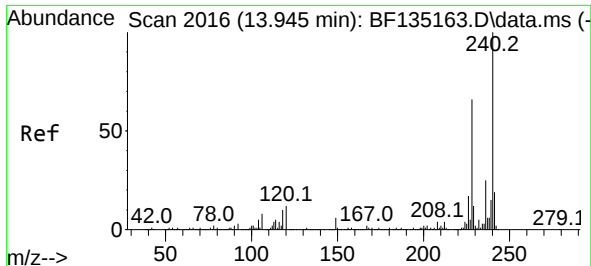
Ion Ratio Lower Upper

248 100

250 213.0 78.6 117.8#

141 553.5 54.2 81.2#

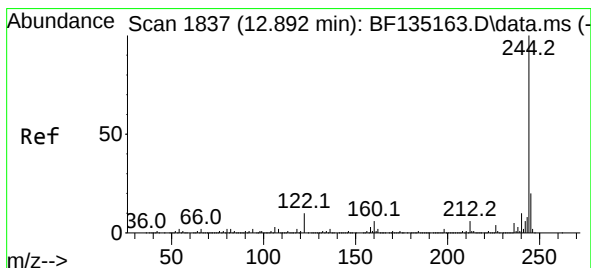
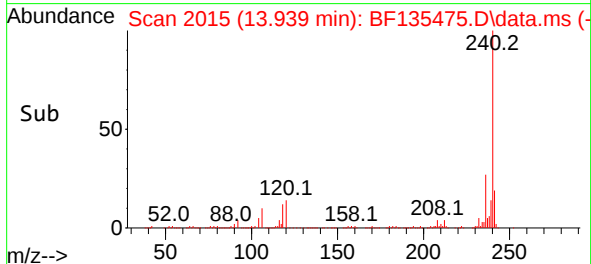
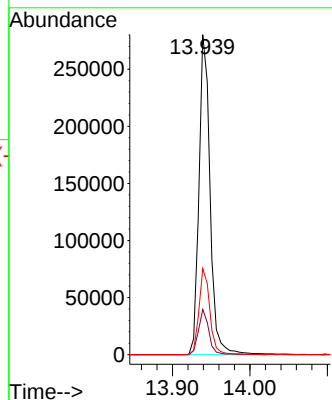
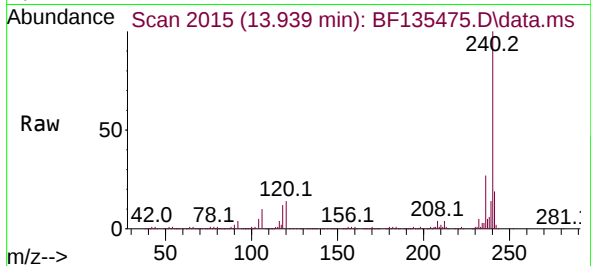




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF135475.D
Acq: 27 Sep 2023 16:32

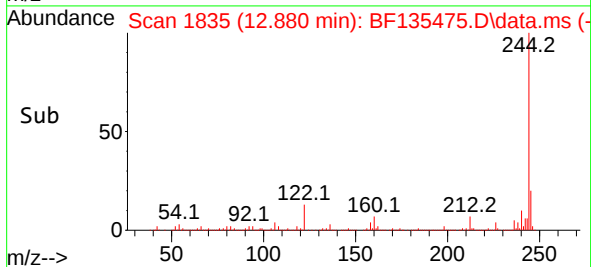
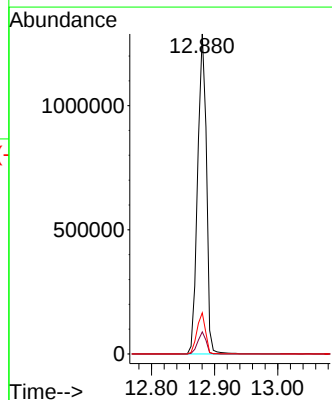
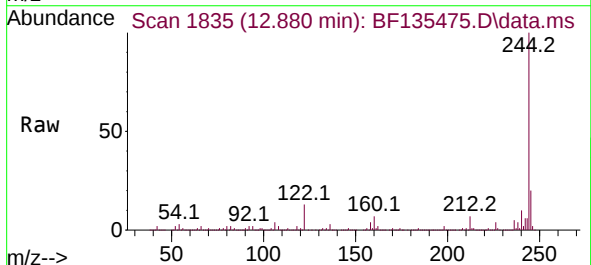
Instrument :
BNA_F
ClientSampleId :
340

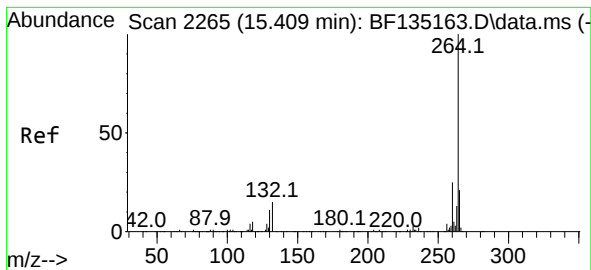
Tgt Ion:240 Resp: 278816
Ion Ratio Lower Upper
240 100
120 14.2 9.4 14.2#
236 26.9 19.8 29.8



#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

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# 21
 Delta R.T. 0.006 min
 Lab File: BF135475.D
 Acq: 27 Sep 2023 16:32

Instrument :
 BNA_F
 ClientSampleId :
 340

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

