

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
 Data File : BF135439.D
 Acq On : 25 Sep 2023 21:26
 Operator : CG\JU
 Sample : 04567-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 01:45:15 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)

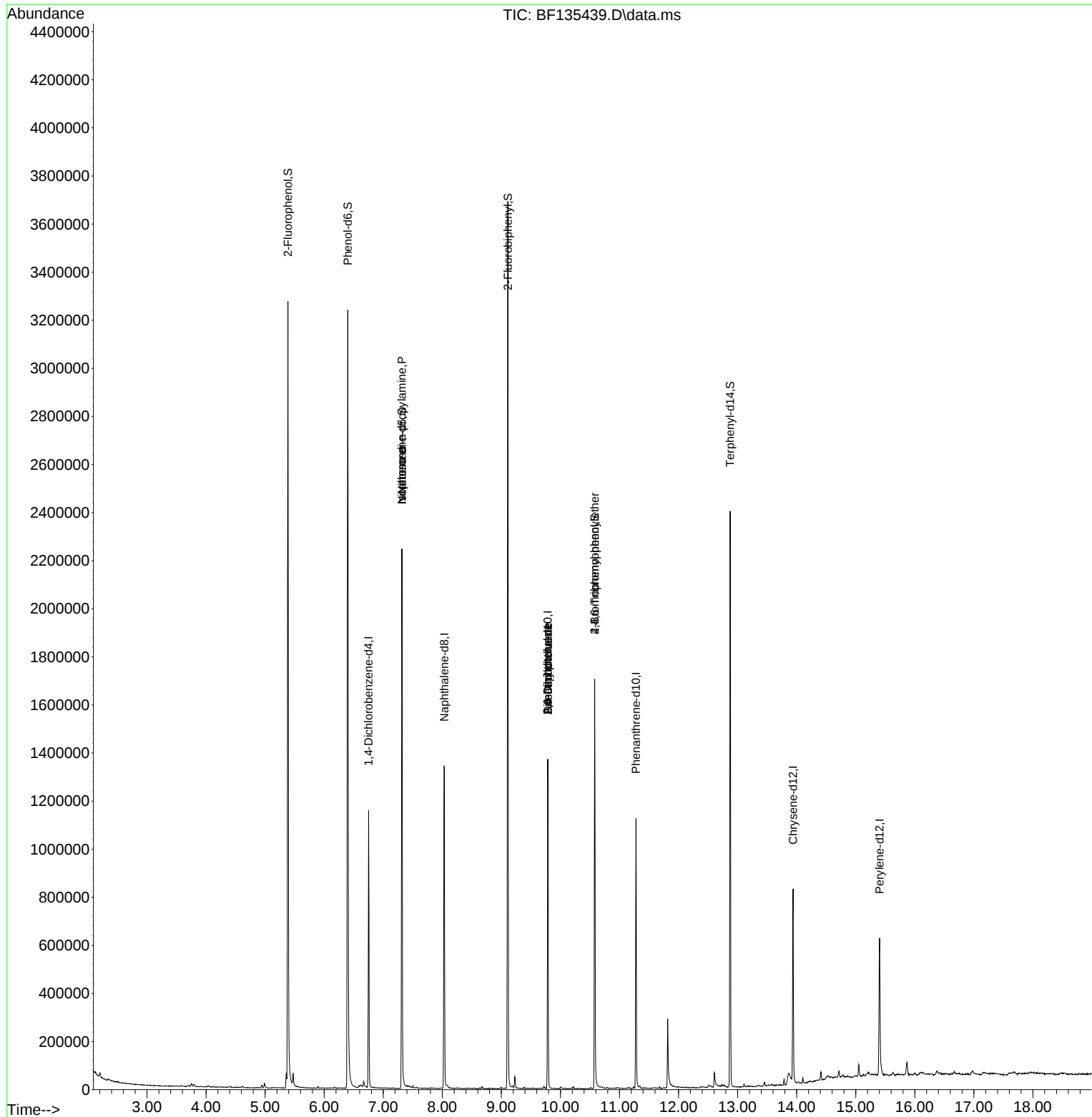
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	158063	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	591036	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	259617	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	392131	20.000	ng	0.00
76) Chrysene-d12	13.939	240	277418	20.000	ng	0.00
86) Perylene-d12	15.403	264	267861	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	898169	92.420	ng	0.00
7) Phenol-d6	6.398	99	1145129	92.668	ng	0.00
23) Nitrobenzene-d5	7.316	82	682257	62.715	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	186593	72.324	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1122092	65.209	ng	0.00
79) Terphenyl-d14	12.874	244	805929	45.035	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.316	70	89255	11.661	ng	# 81
25) Isophorone	7.316	82	682251	34.153	ng	# 65
50) Dimethylphthalate	9.786	163	48162	2.744	ng	# 1
51) 2,6-Dinitrotoluene	9.786	165	34925	9.083	ng	# 17
57) 2,4-Dinitrotoluene	9.786	165	34925	7.255	ng	# 18
67) 4-Bromophenyl-phenylether	10.580	248	11812	3.029	ng	# 1

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

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Instrument :
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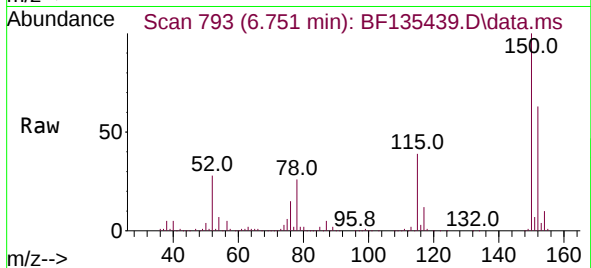
Quant Time: Sep 26 01:45:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 26 01:36:36 2023
Response via : Initial Calibration



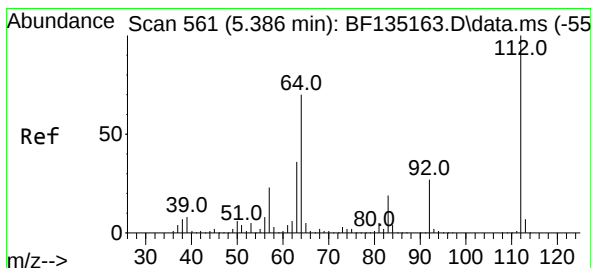
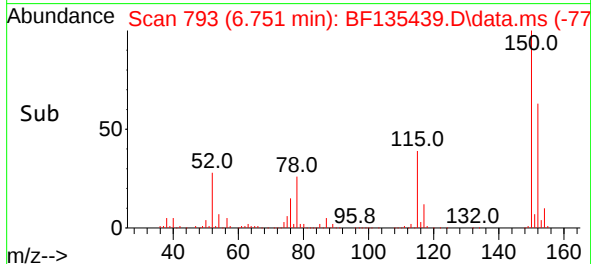
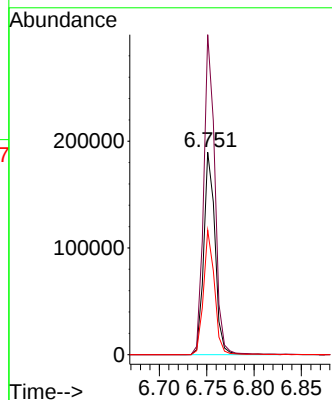


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135439.D
Acq: 25 Sep 2023 21:26

Instrument :
BNA_F
ClientSampleId :

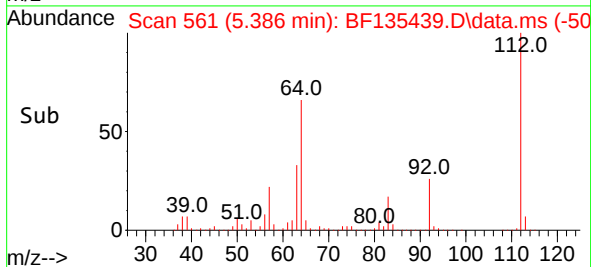
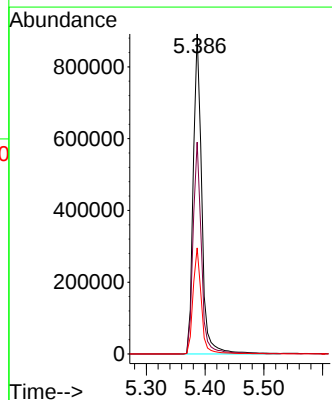
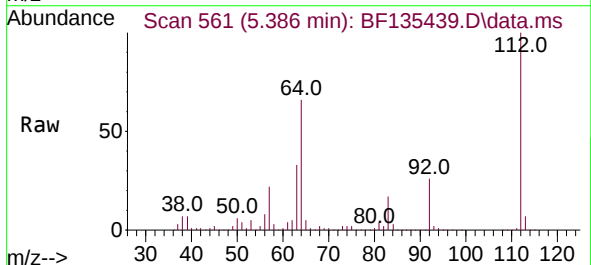


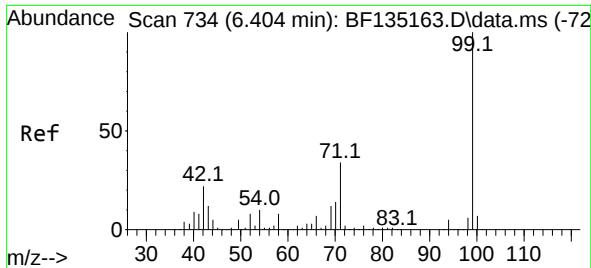
Tgt Ion:152 Resp: 158063
Ion Ratio Lower Upper
152 100
150 158.1 127.8 191.6
115 61.5 49.8 74.8



#5
2-Fluorophenol
Concen: 92.420 ng
RT: 5.386 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF135439.D
Acq: 25 Sep 2023 21:26

Tgt Ion:112 Resp: 898169
Ion Ratio Lower Upper
112 100
64 66.2 55.9 83.9
63 33.1 29.0 43.6

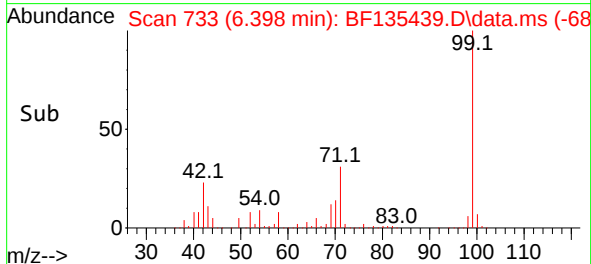
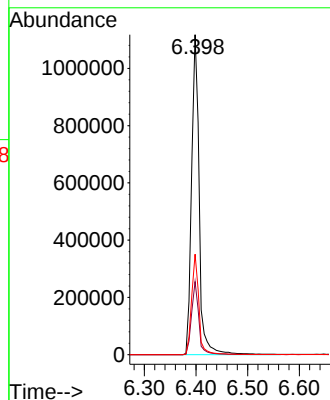
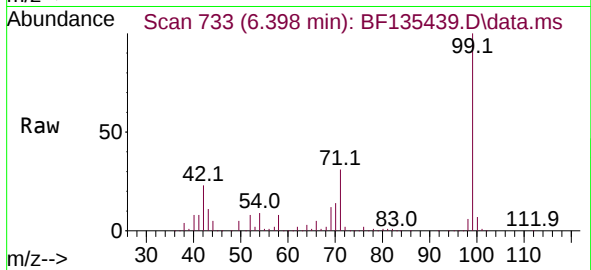




#7
Phenol-d6
Concen: 92.668 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135439.D
Acq: 25 Sep 2023 21:26

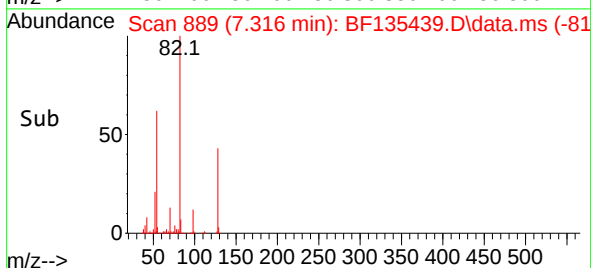
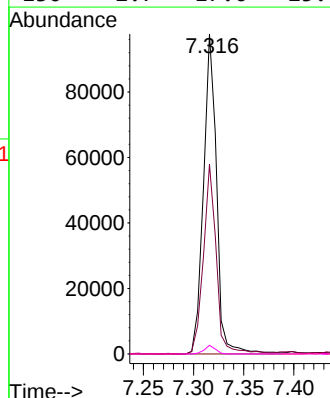
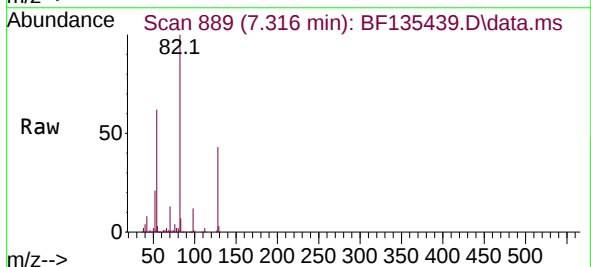
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1145129
Ion Ratio Lower Upper
99 100
42 22.8 17.9 26.9
71 31.4 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.661 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF135439.D
Acq: 25 Sep 2023 21:26

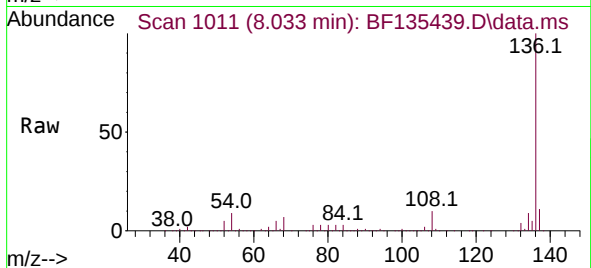
Tgt Ion: 70 Resp: 89255
Ion Ratio Lower Upper
70 100
42 59.3 55.4 83.0
101 0.0 7.7 11.5#
130 2.7 17.0 25.6#



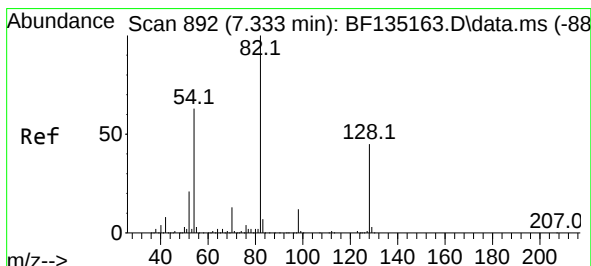
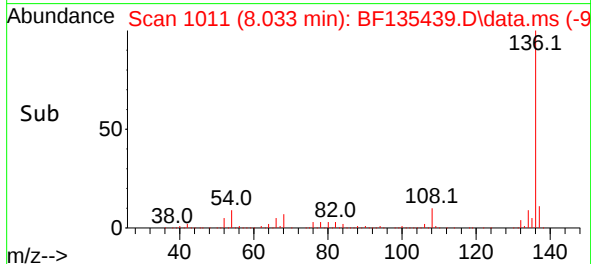
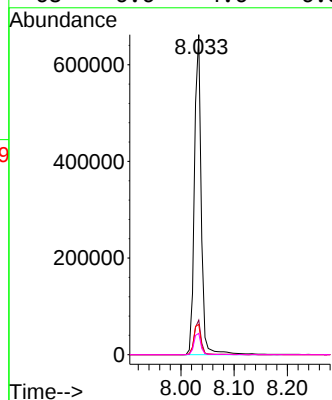


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135439.D
Acq: 25 Sep 2023 21:26

Instrument :
BNA_F
ClientSampleId :

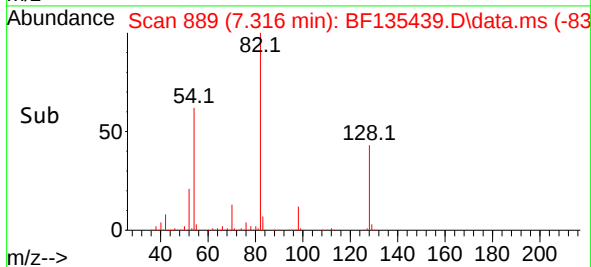
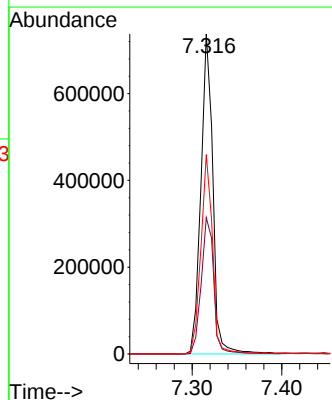
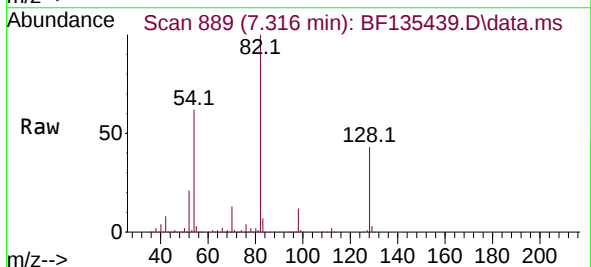


Tgt Ion:136 Resp: 591036
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.5 7.7 11.5
68 6.6 4.6 6.8



#23
Nitrobenzene-d5
Concen: 62.715 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF135439.D
Acq: 25 Sep 2023 21:26

Tgt Ion: 82 Resp: 682257
Ion Ratio Lower Upper
82 100
128 42.6 35.8 53.6
54 62.3 50.6 76.0

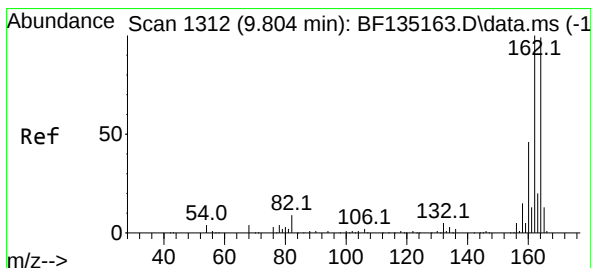
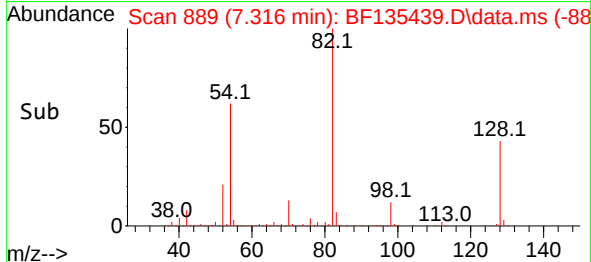
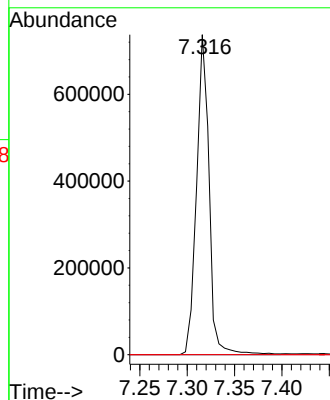
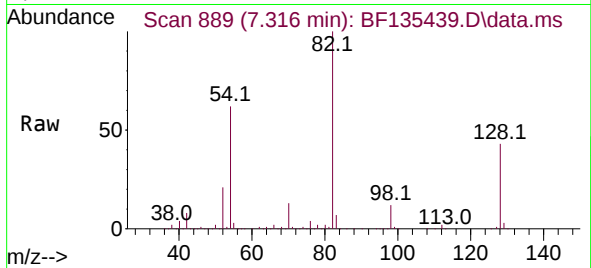




#25
Isophorone
Concen: 34.153 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF135439.D
Acq: 25 Sep 2023 21:26

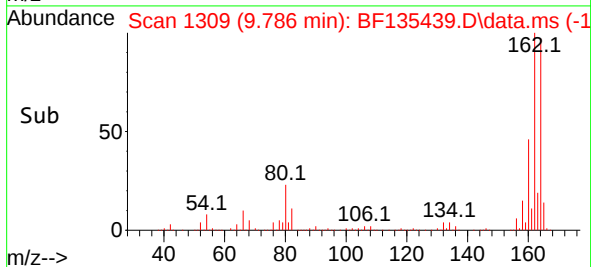
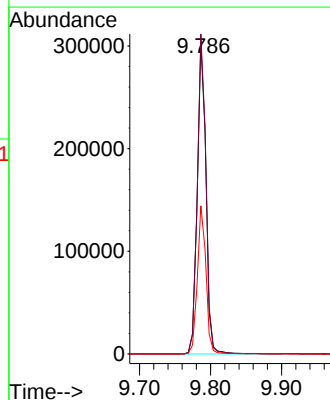
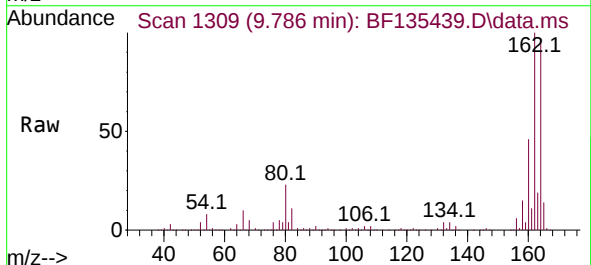
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 682251
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: BF135439.D
Acq: 25 Sep 2023 21:26

Tgt Ion: 164 Resp: 259617
Ion Ratio Lower Upper
164 100
162 102.6 81.0 121.4
160 47.5 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 72.324 ng

RT: 10.580 min Scan# 1444

Delta R.T. -0.006 min

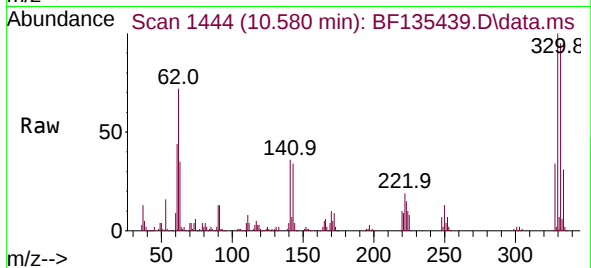
Lab File: BF135439.D

Acq: 25 Sep 2023 21:26

Instrument :

BNA_F

ClientSampleId :



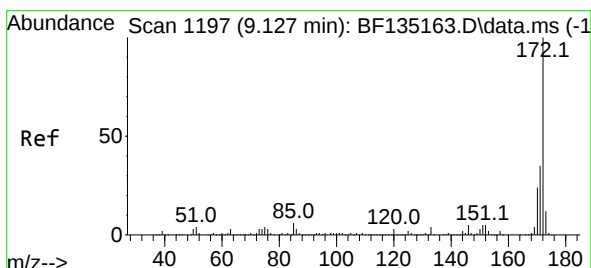
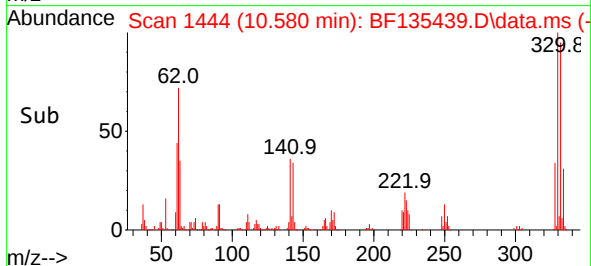
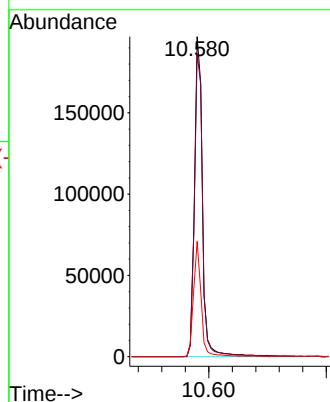
Tgt Ion:330 Resp: 186593

Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

141 34.4 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 65.209 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF135439.D

Acq: 25 Sep 2023 21:26

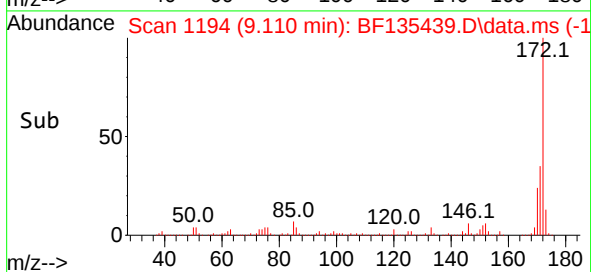
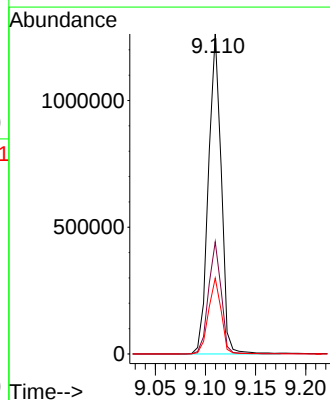
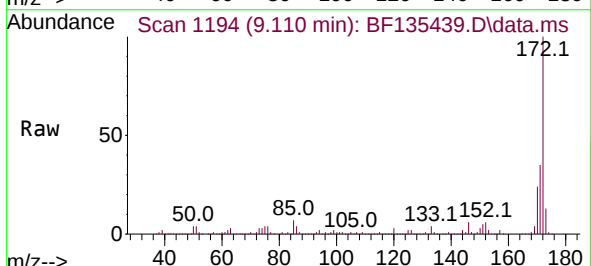
Tgt Ion:172 Resp: 1122092

Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

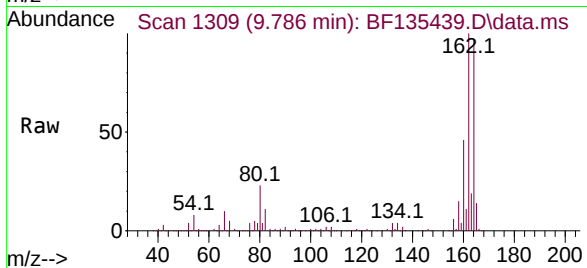
170 23.7 19.0 28.4



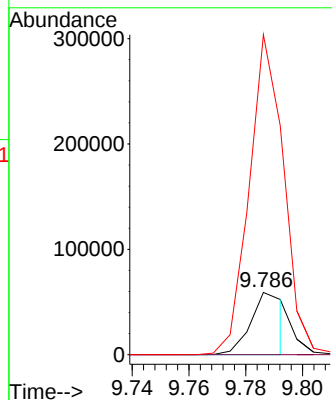
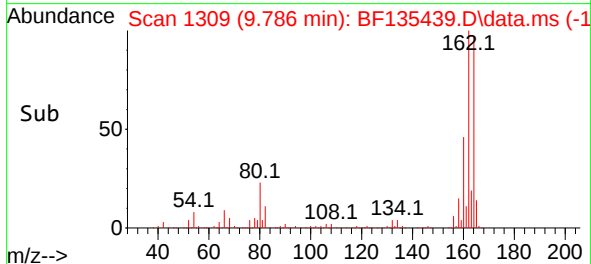


#50
Dimethylphthalate
Concen: 2.744 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.264 min
Lab File: BF135439.D
Acq: 25 Sep 2023 21:26

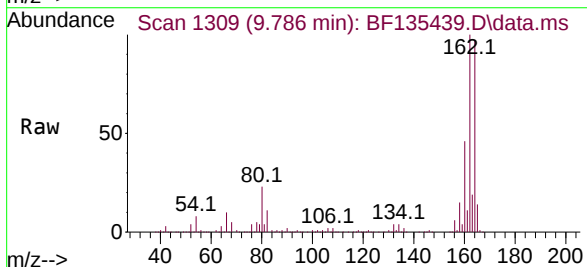
Instrument :
BNA_F
ClientSampleId :



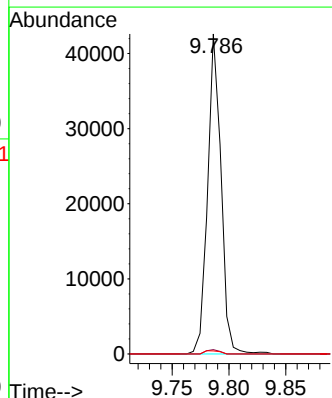
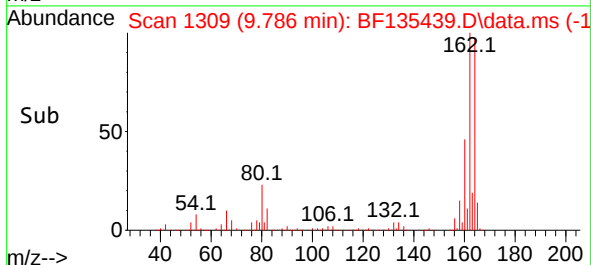
Tgt Ion:163 Resp: 48162
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 514.1 8.1 12.1#

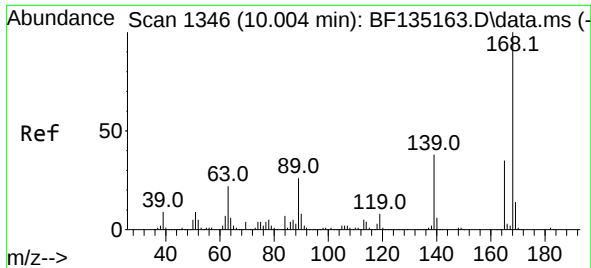


#51
2,6-Dinitrotoluene
Concen: 9.083 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.200 min
Lab File: BF135439.D
Acq: 25 Sep 2023 21:26



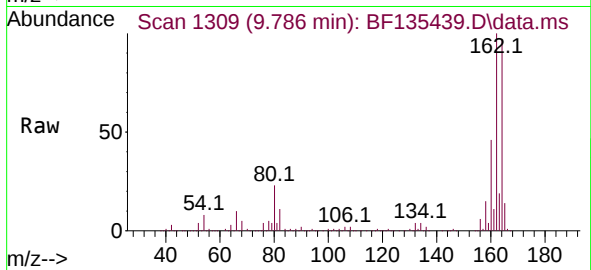
Tgt Ion:165 Resp: 34925
Ion Ratio Lower Upper
165 100
63 1.3 59.4 89.2#
89 0.9 49.8 74.8#



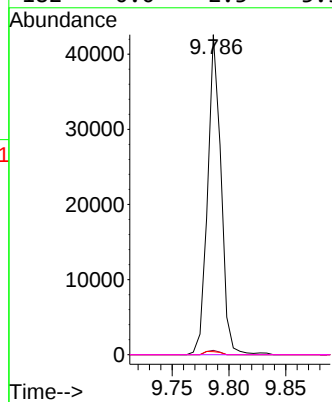
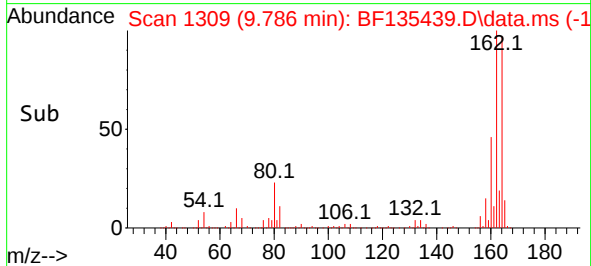


#57
2,4-Dinitrotoluene
Concen: 7.255 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135439.D
Acq: 25 Sep 2023 21:26

Instrument :
BNA_F
ClientSampleId :

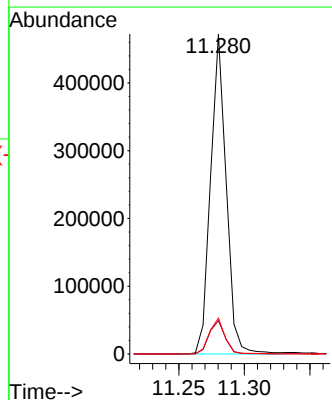
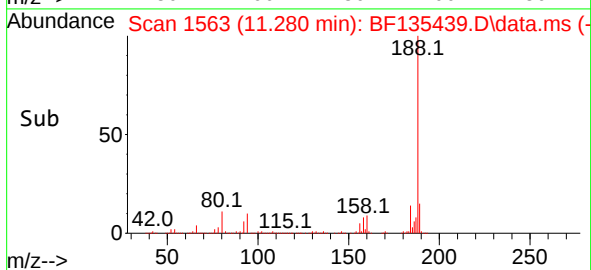
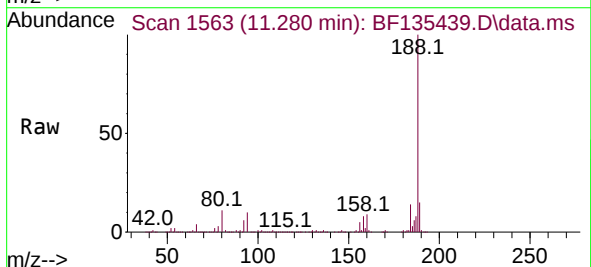


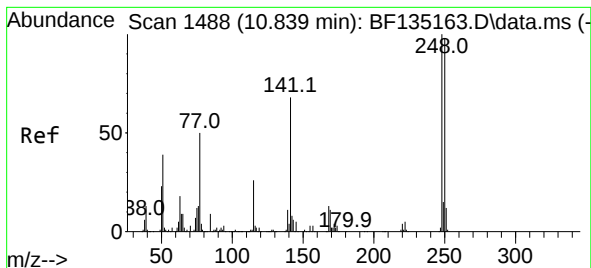
Tgt Ion:165 Resp: 34925
Ion Ratio Lower Upper
165 100
63 1.3 50.1 75.1#
89 0.9 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 1563
Delta R.T. -0.006 min
Lab File: BF135439.D
Acq: 25 Sep 2023 21:26

Tgt Ion:188 Resp: 392131
Ion Ratio Lower Upper
188 100
94 10.4 7.0 10.6
80 11.2 7.5 11.3

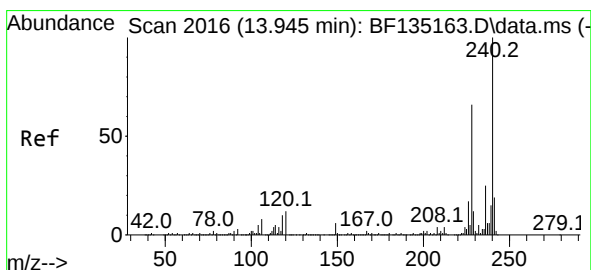
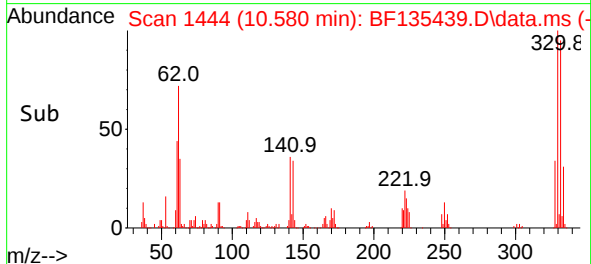
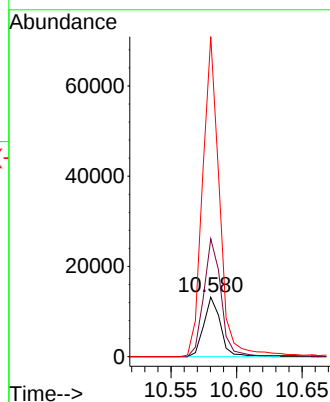
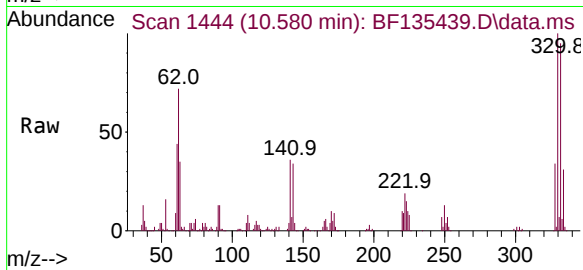




#67
4-Bromophenyl-phenylether
Concen: 3.029 ng
RT: 10.580 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135439.D
Acq: 25 Sep 2023 21:26

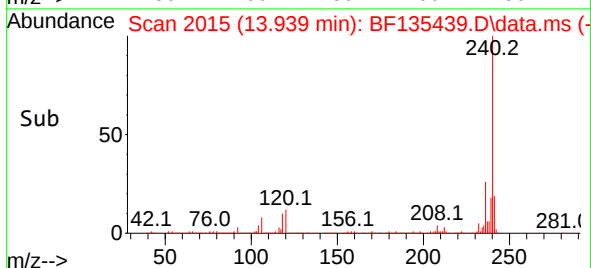
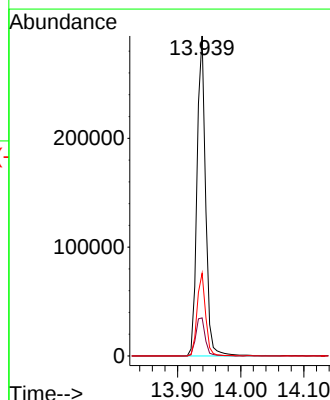
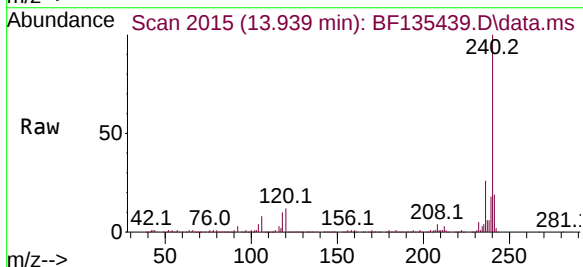
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 11812
Ion Ratio Lower Upper
248 100
250 198.0 78.6 117.8#
141 537.5 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135439.D
Acq: 25 Sep 2023 21:26

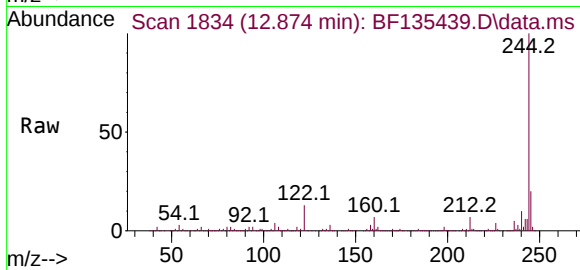
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Ion Ratio Lower Upper
240 100
120 11.9 9.4 14.2
236 25.8 19.8 29.8



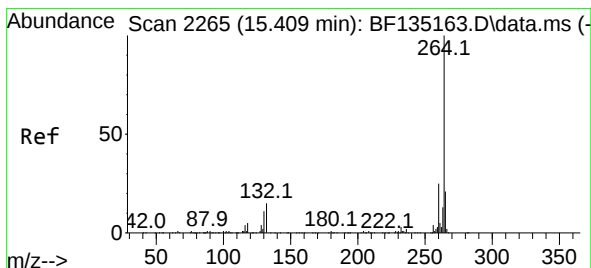
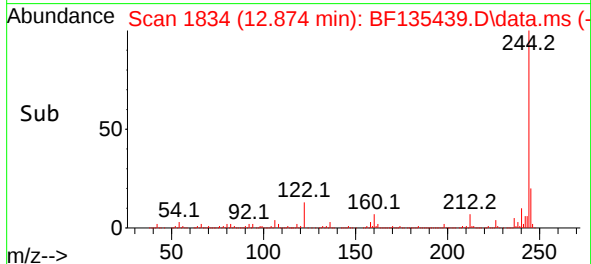
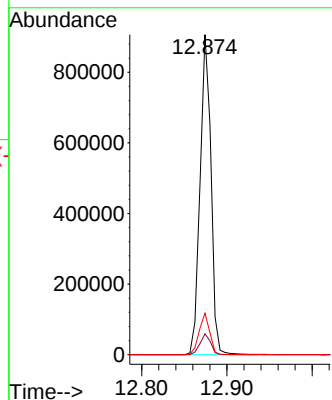


#79
 Terphenyl-d14
 Concen: 45.035 ng
 RT: 12.874 min Scan# 1834
 Delta R.T. -0.006 min
 Lab File: BF135439.D
 Acq: 25 Sep 2023 21:26

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 805929
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 12.9 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.403 min Scan# 2264
 Delta R.T. -0.000 min
 Lab File: BF135439.D
 Acq: 25 Sep 2023 21:26

Tgt Ion:264 Resp: 267861
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.8 29.6
 265 21.1 17.0 25.4

