

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139935.D
 Acq On : 22 Oct 2024 18:27
 Operator : RC/JU
 Sample : P4443-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OG-315-HR-502-COMP-30

Quant Time: Oct 23 01:12:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

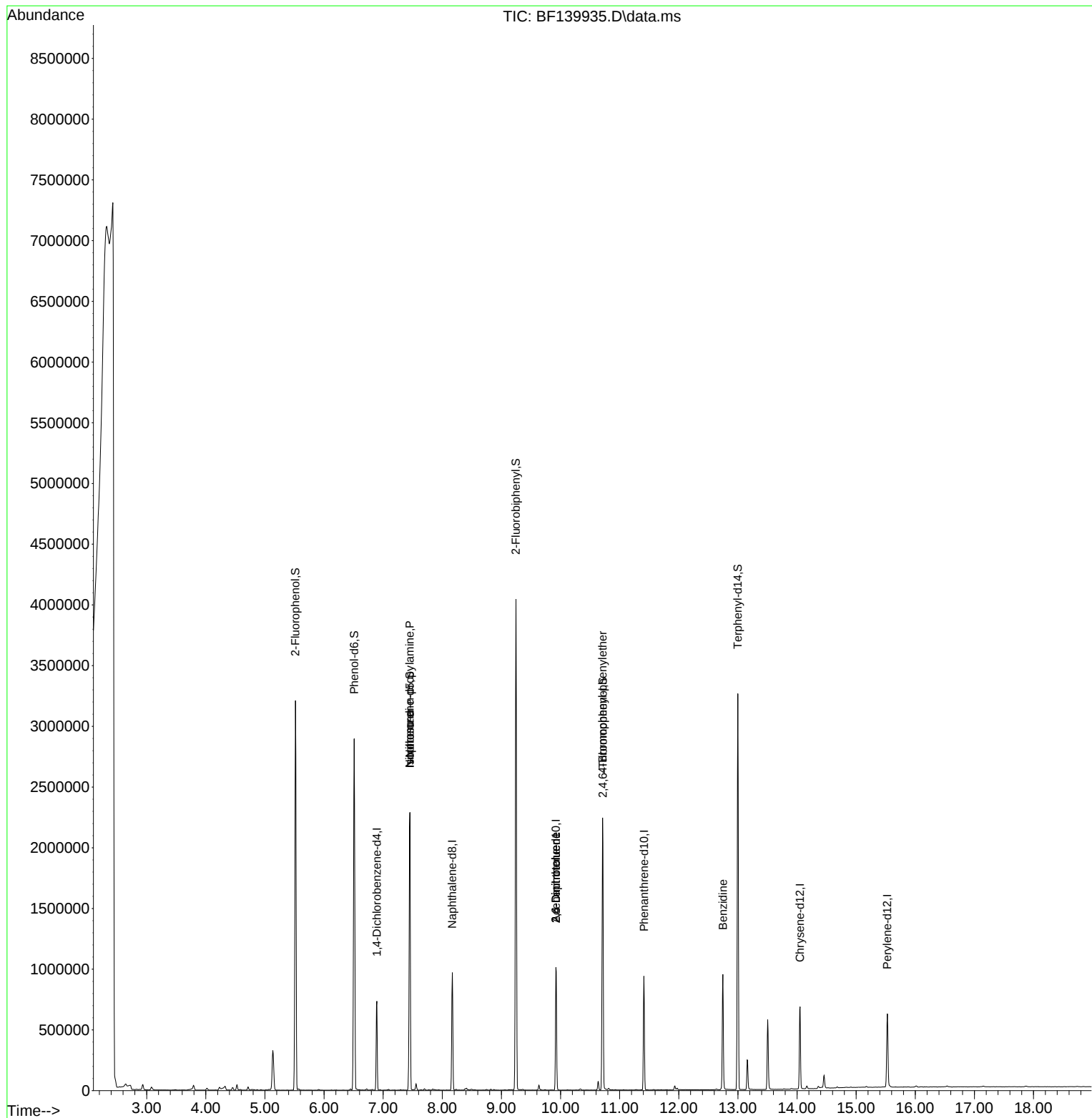
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	151455	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	577359	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	309203	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	475855	20.000	ng	0.00
76) Chrysene-d12	14.051	240	325699	20.000	ng	0.00
86) Perylene-d12	15.527	264	354964	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1227656	126.895	ng	0.02
7) Phenol-d6	6.510	99	1434259	114.464	ng	0.00
23) Nitrobenzene-d5	7.451	82	1058903	101.649	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	402783	139.266	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1830776	97.855	ng	0.00
79) Terphenyl-d14	12.998	244	1619010	80.999	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	145543	19.152	ng	# 76
25) Isophorone	7.451	82	1056600	53.440	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	40365	9.680	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	40365	7.871	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	25624	5.227	ng	# 1
77) Benzidine	12.745	184	495850	92.585	ng	99

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

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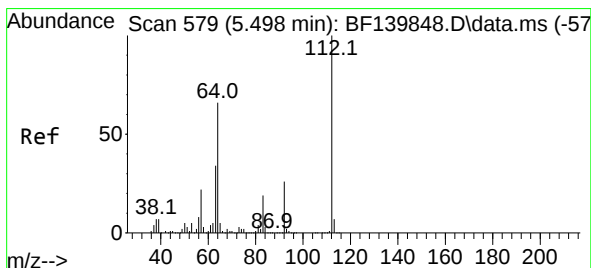
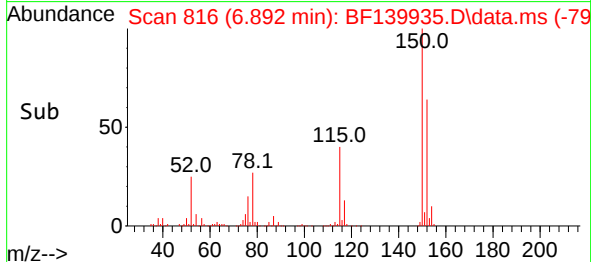
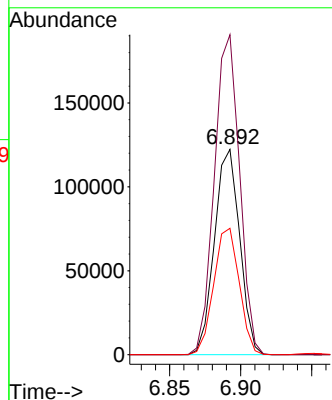
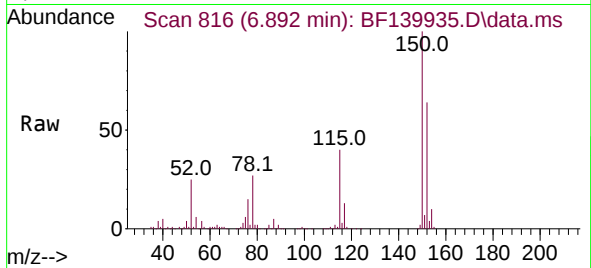




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139935.D
Acq: 22 Oct 2024 18:27

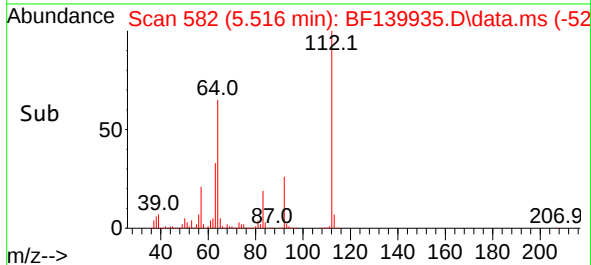
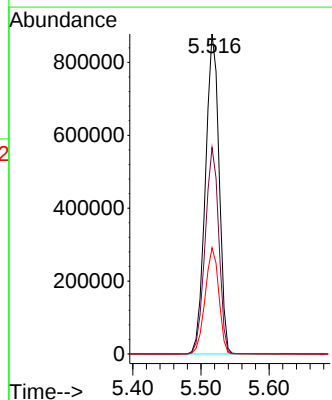
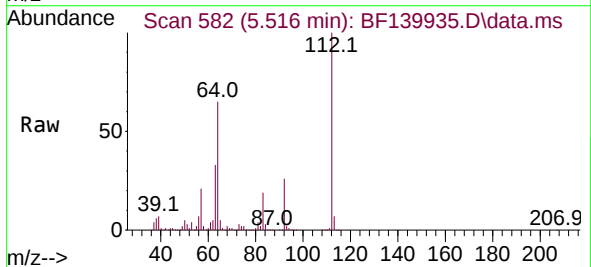
Instrument :
BNA_F
ClientSampleId :
OG-315-HR-502-COMP-30

Tgt Ion:152 Resp: 151455
Ion Ratio Lower Upper
152 100
150 155.8 130.2 195.2
115 61.6 51.4 77.2



#5
2-Fluorophenol
Concen: 126.895 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139935.D
Acq: 22 Oct 2024 18:27

Tgt Ion:112 Resp: 1227656
Ion Ratio Lower Upper
112 100
64 64.6 53.0 79.6
63 33.2 27.0 40.4

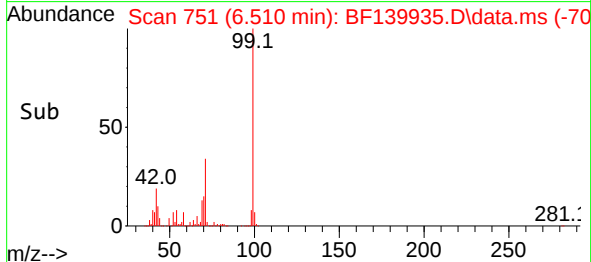
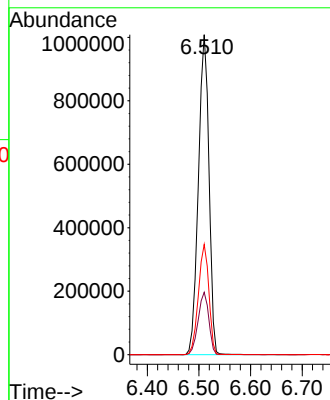
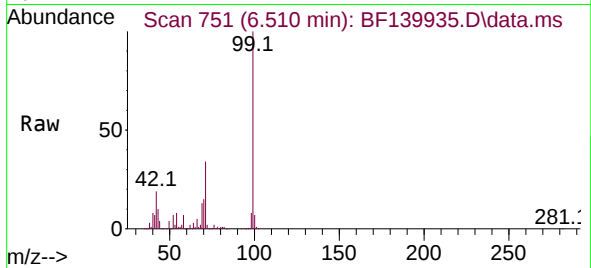




#7
Phenol-d6
Concen: 114.464 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139935.D
Acq: 22 Oct 2024 18:27

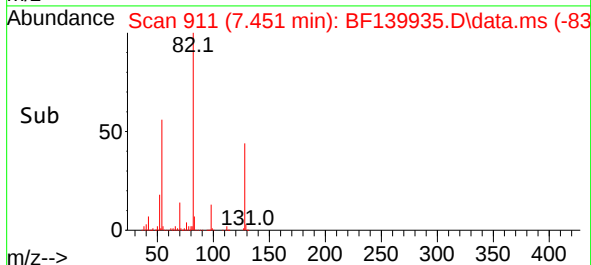
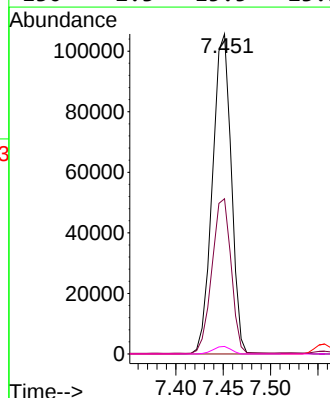
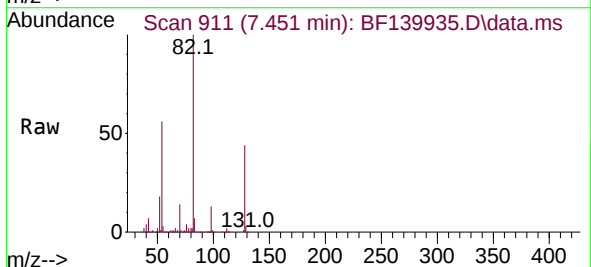
Instrument :
BNA_F
ClientSampleId :
OG-315-HR-502-COMP-30

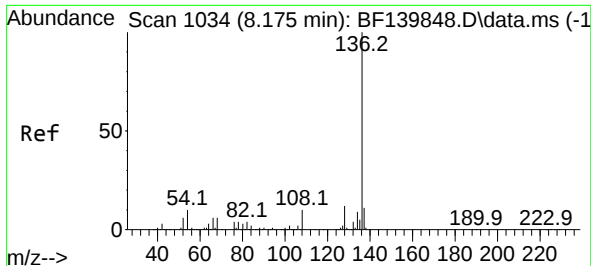
Tgt Ion: 99 Resp: 1434259
Ion Ratio Lower Upper
99 100
42 19.5 16.7 25.1
71 34.5 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.152 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF139935.D
Acq: 22 Oct 2024 18:27

Tgt Ion: 70 Resp: 145543
Ion Ratio Lower Upper
70 100
42 48.5 51.5 77.3#
101 0.0 7.5 11.3#
130 2.3 15.5 23.3#

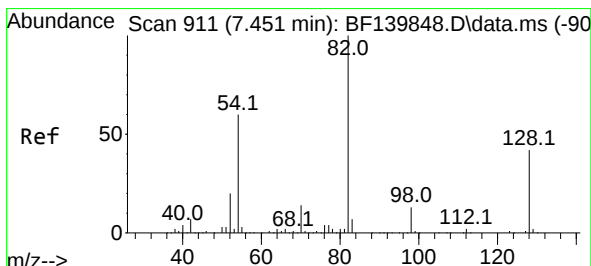
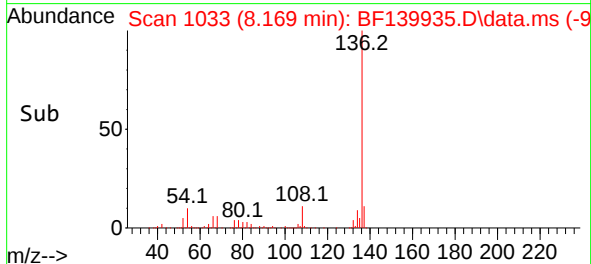
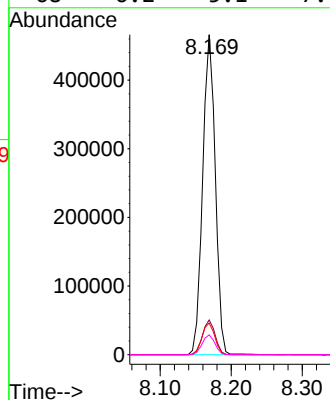
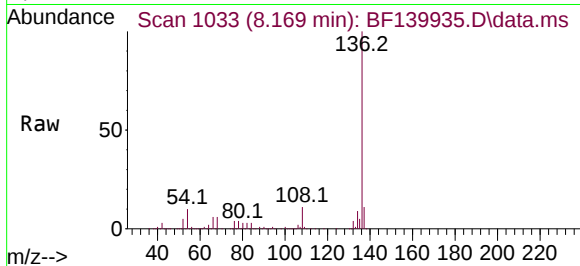




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139935.D
Acq: 22 Oct 2024 18:27

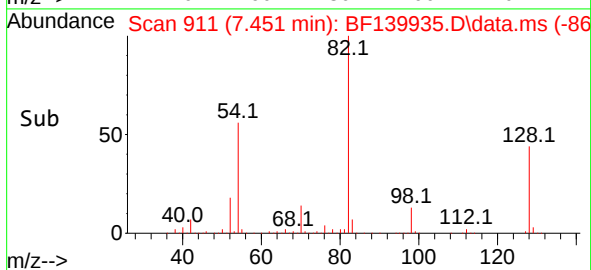
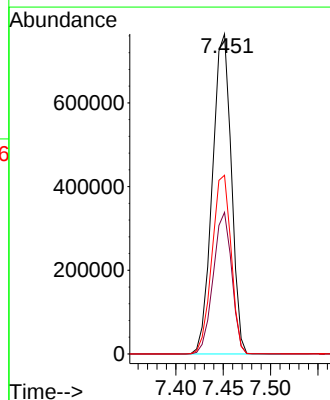
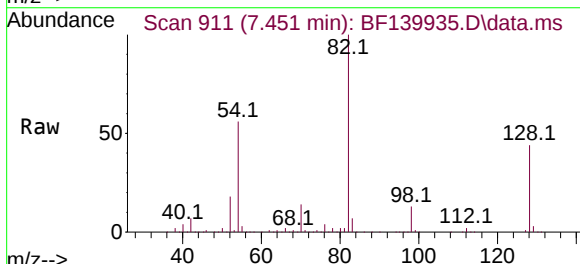
Instrument :
BNA_F
ClientSampleId :
OG-315-HR-502-COMP-30

Tgt Ion:136	Resp: 577359
Ion Ratio	Lower Upper
136 100	
137 10.8	8.6 12.8
54 9.9	8.4 12.6
68 6.2	5.1 7.7



#23
Nitrobenzene-d5
Concen: 101.649 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139935.D
Acq: 22 Oct 2024 18:27

Tgt Ion: 82		Resp: 1058903	
Ion	Ratio	Lower	Upper
82	100		
128	44.2	33.4	50.0
54	55.9	47.8	71.8

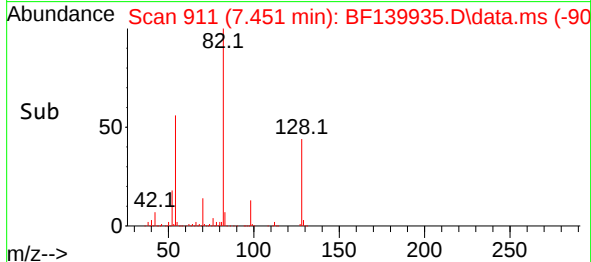
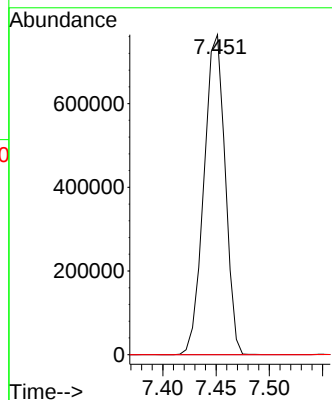
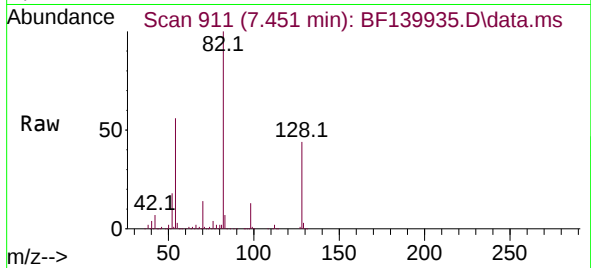




#25
Isophorone
Concen: 53.440 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF139935.D
Acq: 22 Oct 2024 18:27

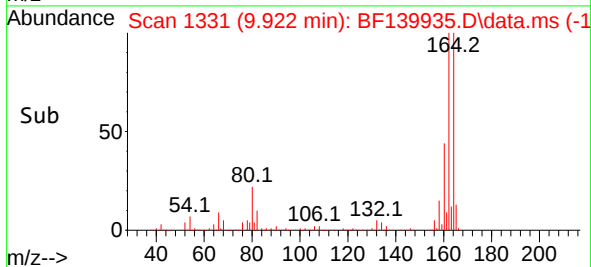
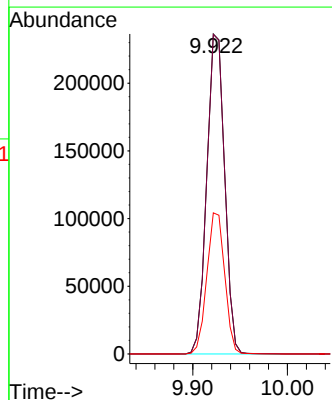
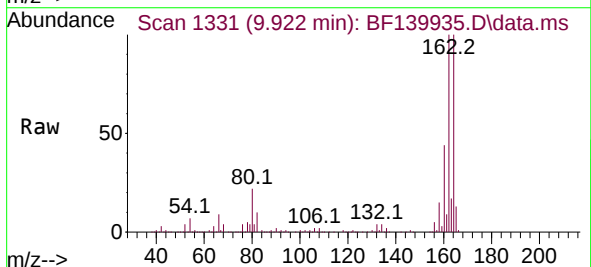
Instrument :
BNA_F
ClientSampleId :
OG-315-HR-502-COMP-30

Tgt Ion: 82 Resp: 1056600
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF139935.D
Acq: 22 Oct 2024 18:27

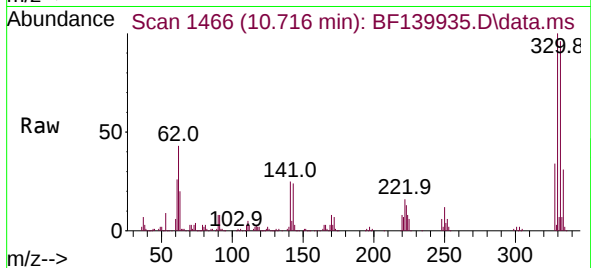
Tgt Ion:164 Resp: 309203
Ion Ratio Lower Upper
164 100
162 99.9 81.0 121.4
160 44.1 35.4 53.0



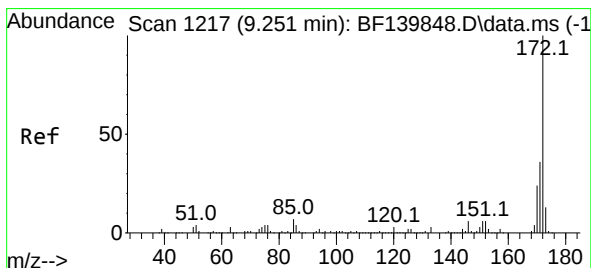
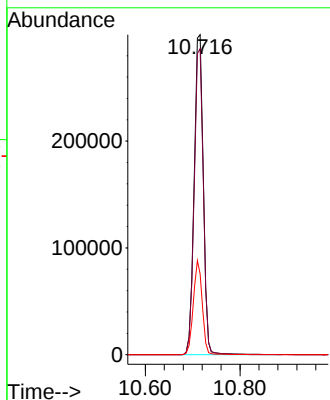
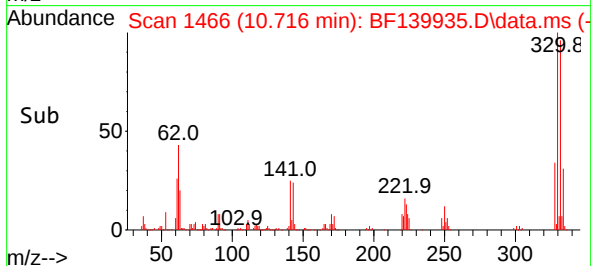


#42
2,4,6-Tribromophenol
Concen: 139.266 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF139935.D
Acq: 22 Oct 2024 18:27

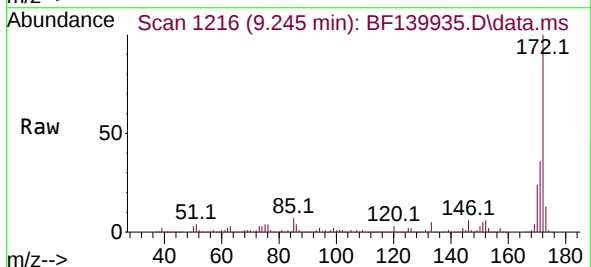
Instrument :
BNA_F
ClientSampleId :
OG-315-HR-502-COMP-30



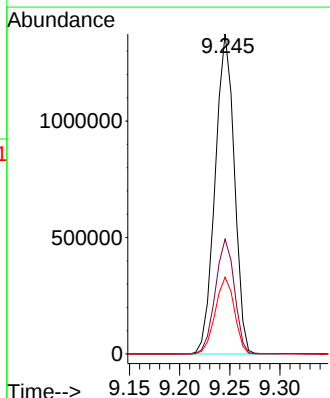
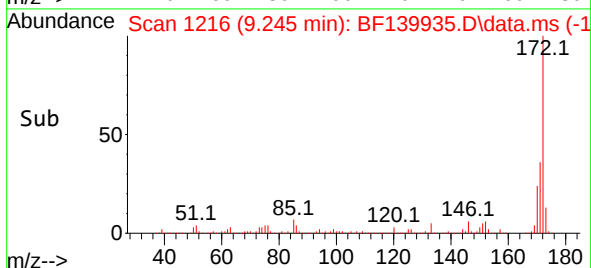
Tgt Ion: 330 Resp: 402783
Ion Ratio Lower Upper
330 100
332 95.6 78.1 117.1
141 28.6 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 97.855 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139935.D
Acq: 22 Oct 2024 18:27



Tgt Ion: 172 Resp: 1830776
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 24.0 19.1 28.7

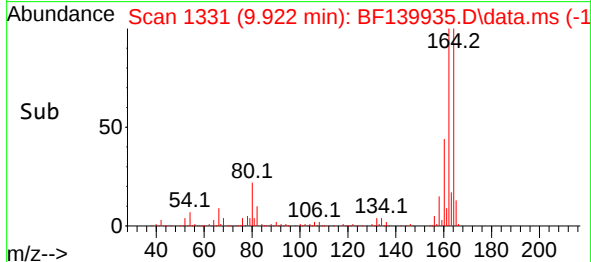
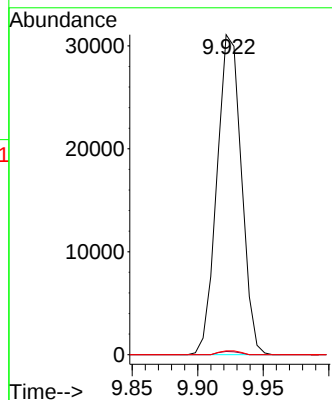
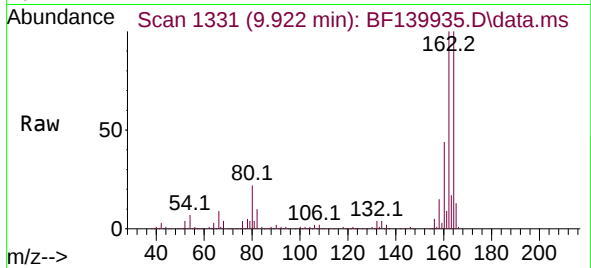




#51
2,6-Dinitrotoluene
Concen: 9.680 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139935.D
Acq: 22 Oct 2024 18:27

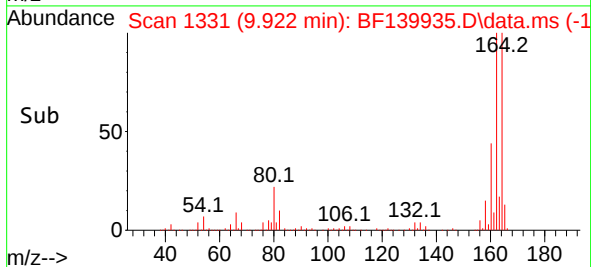
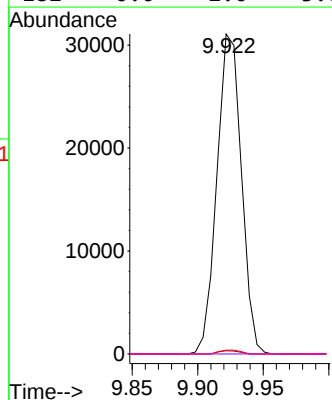
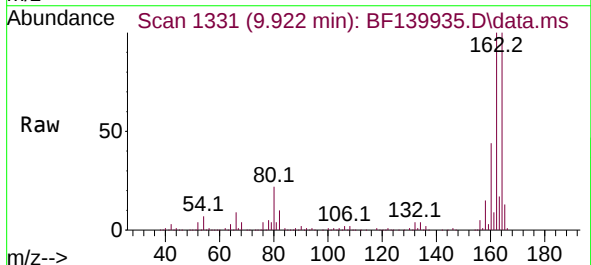
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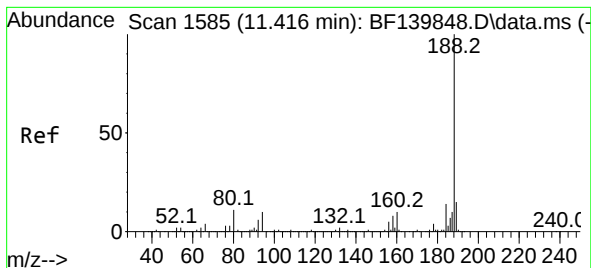
Tgt Ion:165 Resp: 40365
Ion Ratio Lower Upper
165 100
63 1.0 50.6 75.8#
89 1.2 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.871 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139935.D
Acq: 22 Oct 2024 18:27

Tgt Ion:165 Resp: 40365
Ion Ratio Lower Upper
165 100
63 1.0 40.1 60.1#
89 1.2 60.4 90.6#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139935.D

Acq: 22 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

OG-315-HR-502-COMP-30

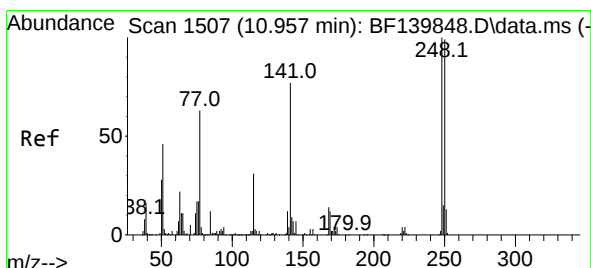
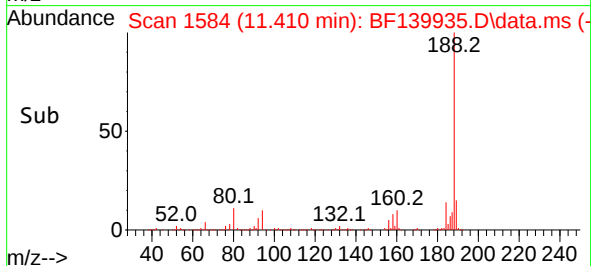
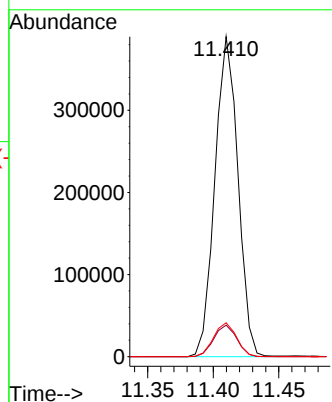
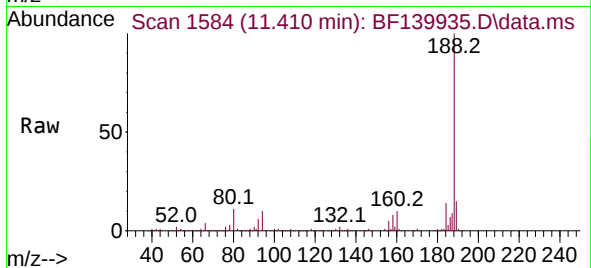
Tgt Ion:188 Resp: 475855

Ion Ratio Lower Upper

188 100

94 9.9 7.9 11.9

80 10.6 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 5.227 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.247 min

Lab File: BF139935.D

Acq: 22 Oct 2024 18:27

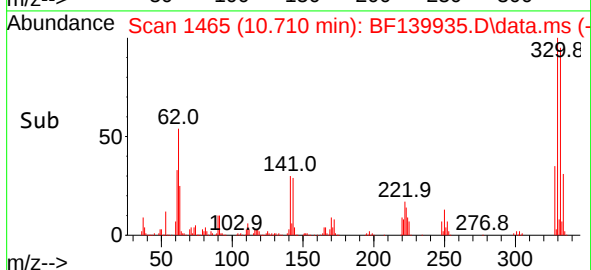
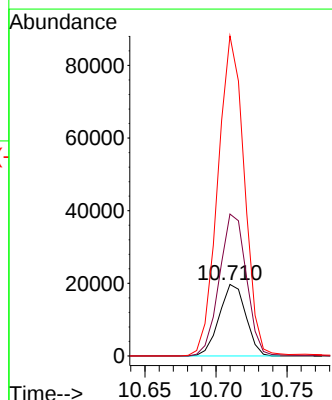
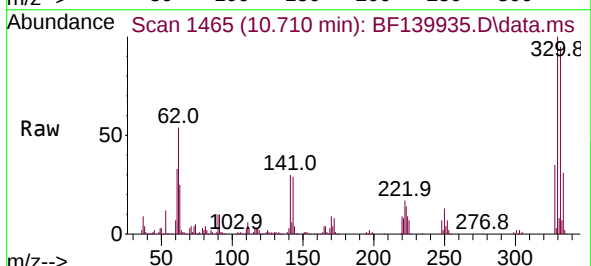
Tgt Ion:248 Resp: 25624

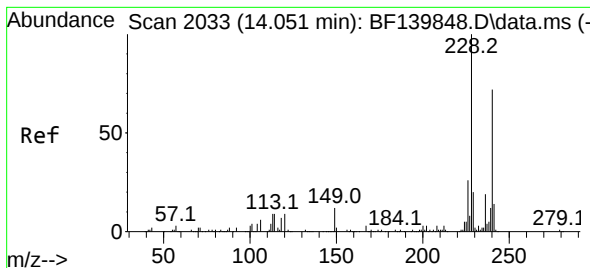
Ion Ratio Lower Upper

248 100

250 198.6 79.0 118.6#

141 447.5 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF139935.D

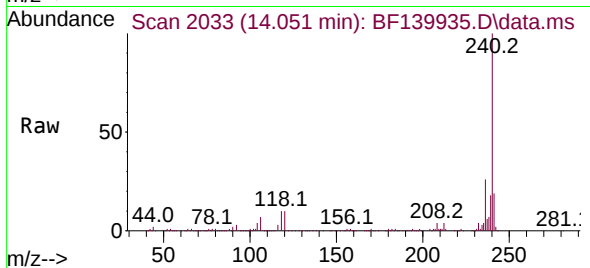
Acq: 22 Oct 2024 18:27

Instrument :

BNA_F

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OG-315-HR-502-COMP-30



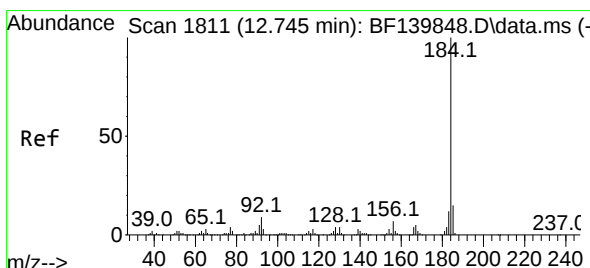
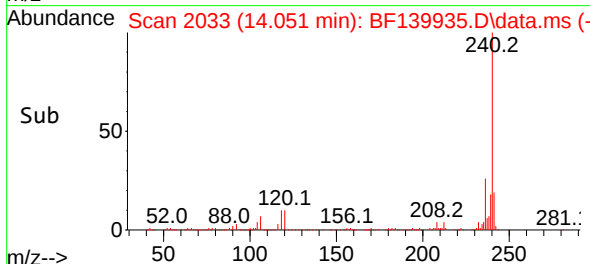
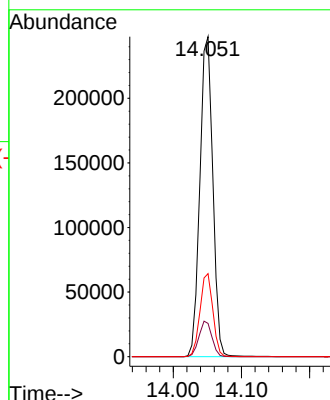
Tgt Ion:240 Resp: 325699

Ion Ratio Lower Upper

240 100

120 10.4 9.4 14.2

236 25.9 20.9 31.3



#77

Benzdine

Concen: 92.585 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF139935.D

Acq: 22 Oct 2024 18:27

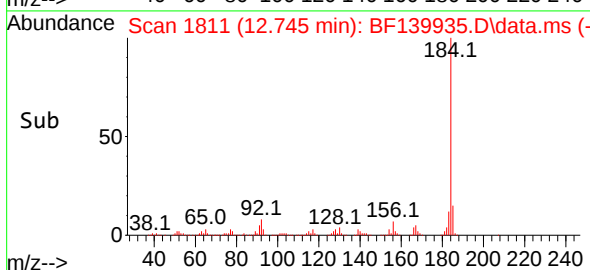
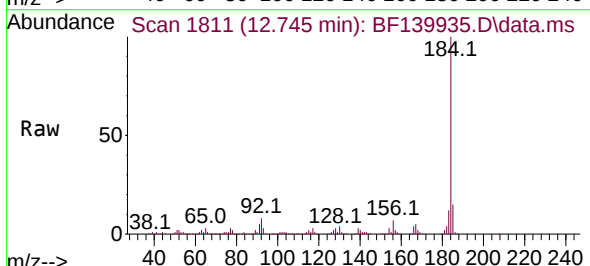
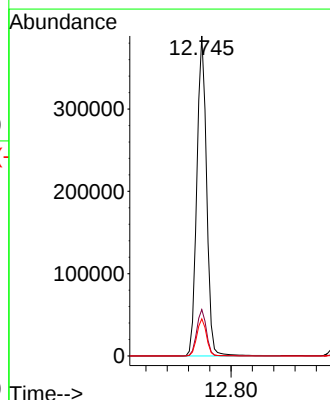
Tgt Ion:184 Resp: 495850

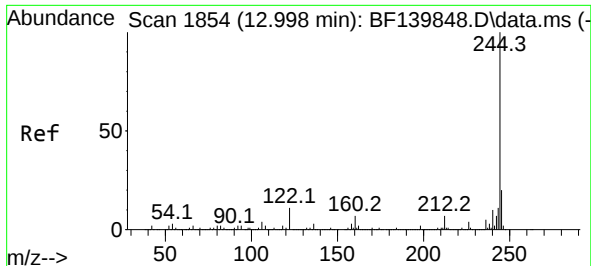
Ion Ratio Lower Upper

184 100

185 14.5 12.0 18.0

183 11.6 9.4 14.2

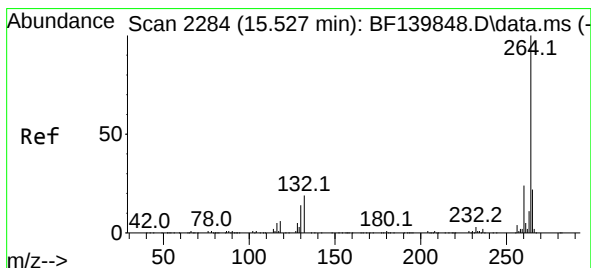
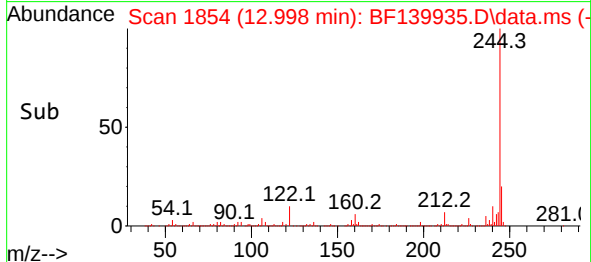
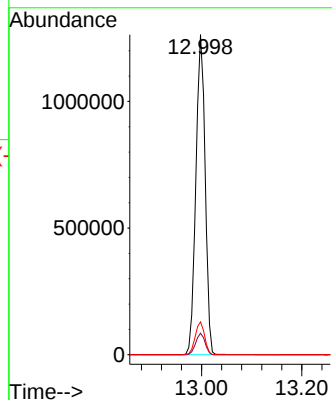
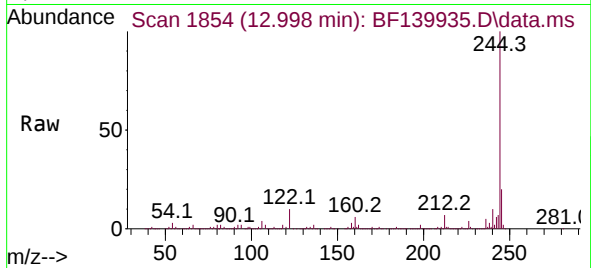




#79
 Terphenyl-d14
 Concen: 80.999 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139935.D
 Acq: 22 Oct 2024 18:27

Instrument :
 BNA_F
 ClientSampleId :
 OG-315-HR-502-COMP-30

Tgt Ion:244 Resp: 1619010
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 10.3 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF139935.D
 Acq: 22 Oct 2024 18:27

Tgt Ion:264 Resp: 354964
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.5 17.4 26.0

