

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082824\
 Data File : BF139212.D
 Acq On : 28 Aug 2024 17:51
 Operator : RC/JU
 Sample : P3739-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3

Quant Time: Aug 28 18:19:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 02:51:47 2024
 Response via : Initial Calibration

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

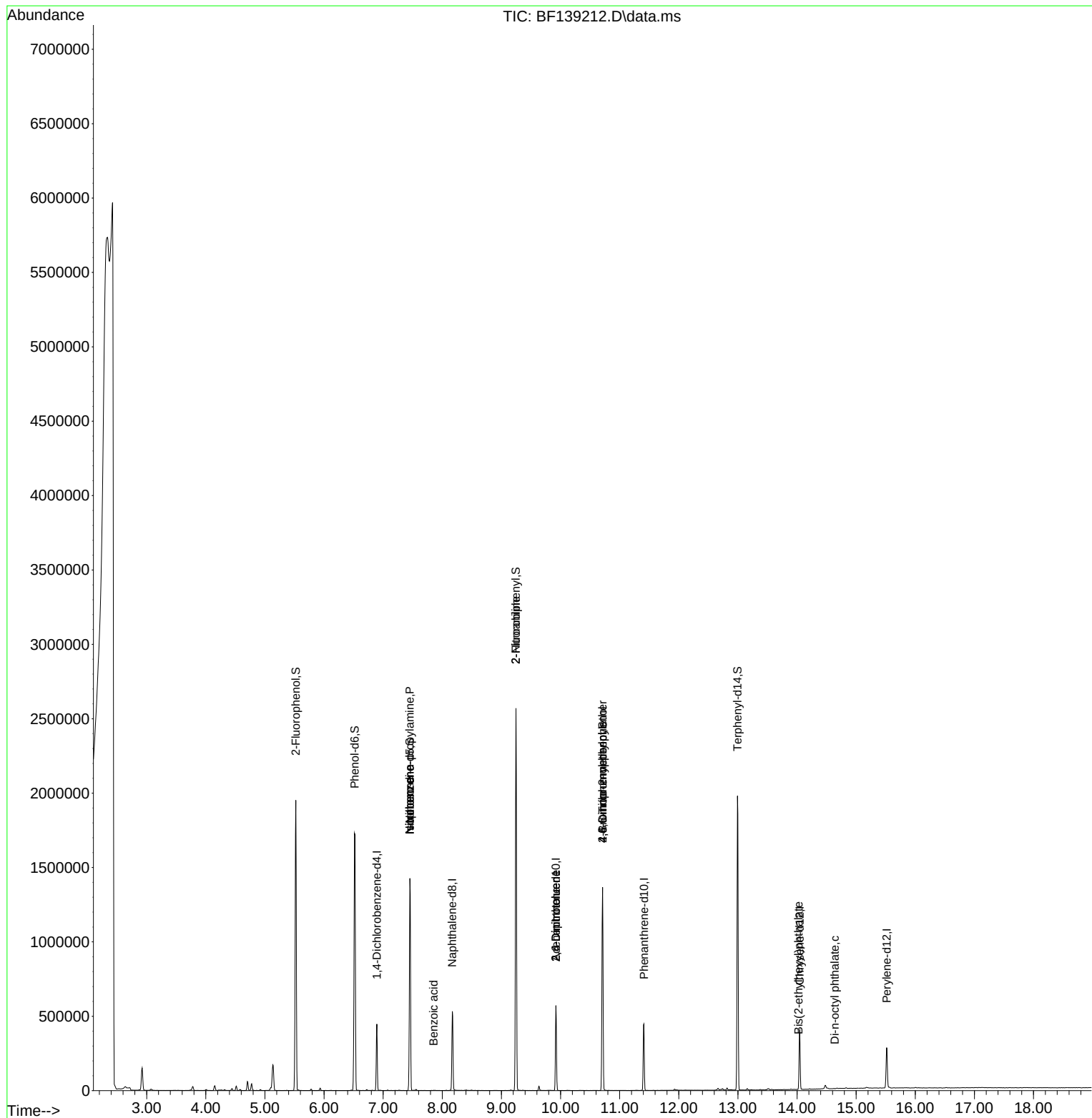
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	85183	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	315105	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	163890	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	234273	20.000	ng	0.00
76) Chrysene-d12	14.045	240	188831	20.000	ng	0.00
86) Perylene-d12	15.515	264	155651	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	693979	136.897	ng	0.02
7) Phenol-d6	6.516	99	844121	121.330	ng	0.00
23) Nitrobenzene-d5	7.451	82	658692	115.808	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	216626	154.332	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1084961	102.833	ng	0.00
79) Terphenyl-d14	12.992	244	968626	80.038	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.451	70	90656	21.786	ng	# 78
24) Nitrobenzene	7.451	77	2041	3.542	ng	# 41
25) Isophorone	7.451	82	656807	58.394	ng	# 68
32) Benzoic acid	7.851	122	272	9.595	ng	# 84
48) 2-Nitroaniline	9.245	65	2198	6.473	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	21342	14.588	ng	# 14
57) 2,4-Dinitrotoluene	9.922	165	21342	13.207	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.710	198	445	7.420	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	14297	5.744	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.027	149	877	3.392	ng	# 90
85) Di-n-octyl phthalate	14.639	149	178	8.970	ng	# 72

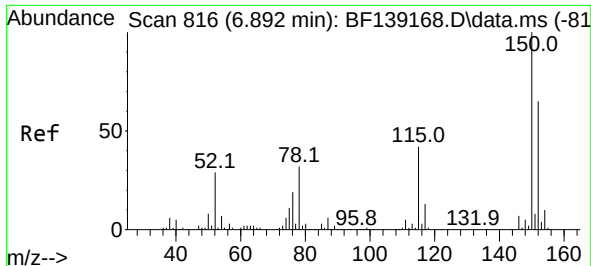
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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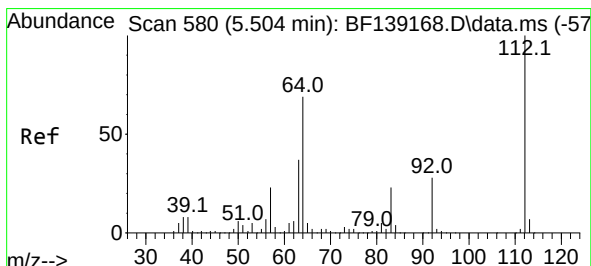
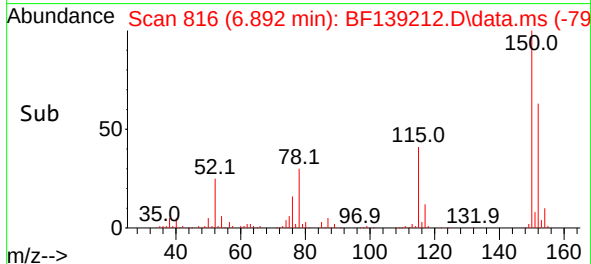
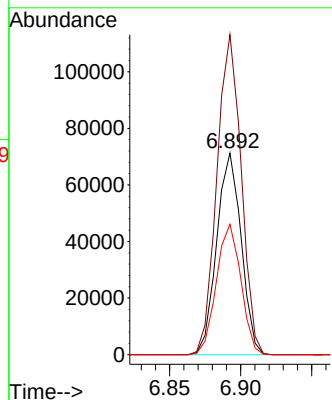
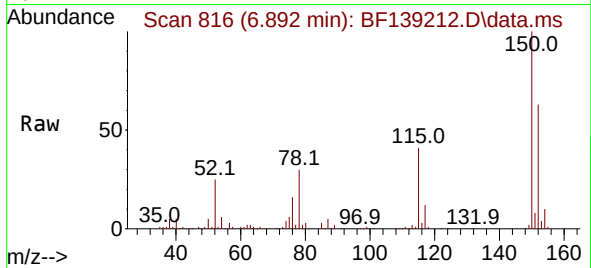




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139212.D
Acq: 28 Aug 2024 17:51

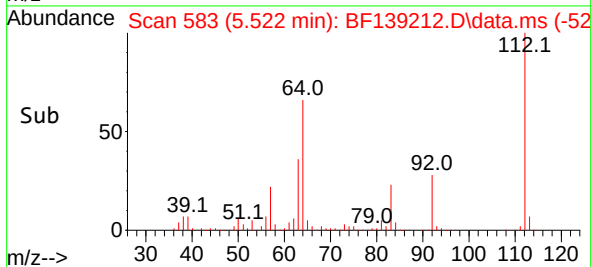
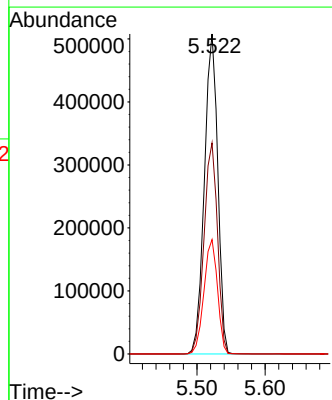
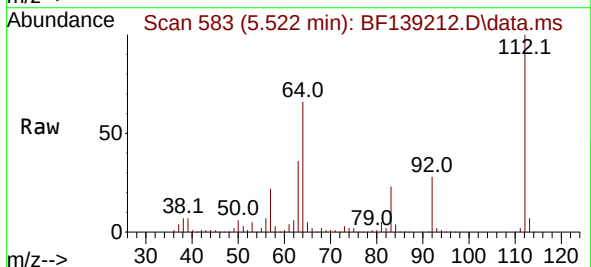
Instrument :
BNA_F
ClientSampleId :
WC-3

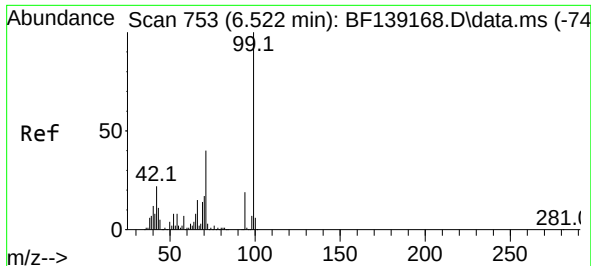
Tgt Ion:152 Resp: 85183
Ion Ratio Lower Upper
152 100
150 158.7 123.7 185.5
115 64.7 51.8 77.8



#5
2-Fluorophenol
Concen: 136.897 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.018 min
Lab File: BF139212.D
Acq: 28 Aug 2024 17:51

Tgt Ion:112 Resp: 693979
Ion Ratio Lower Upper
112 100
64 65.9 55.5 83.3
63 35.8 29.8 44.6

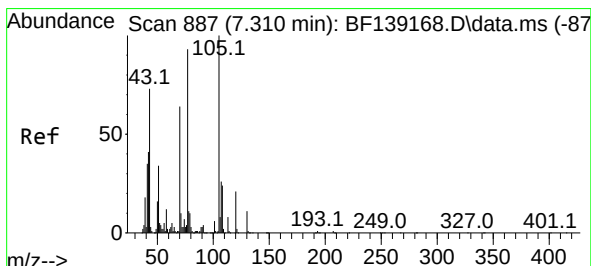
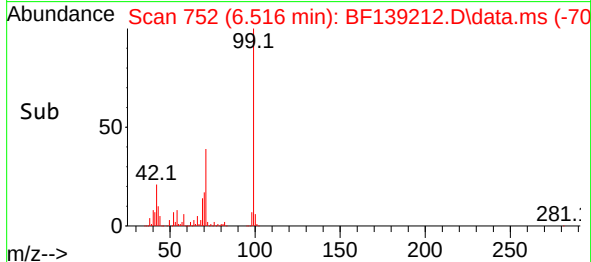
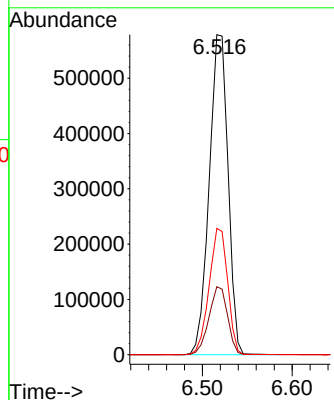
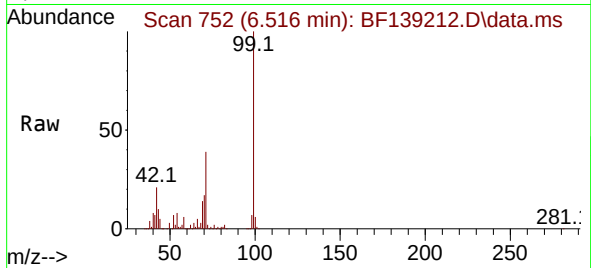




#7
Phenol-d6
Concen: 121.330 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139212.D
Acq: 28 Aug 2024 17:51

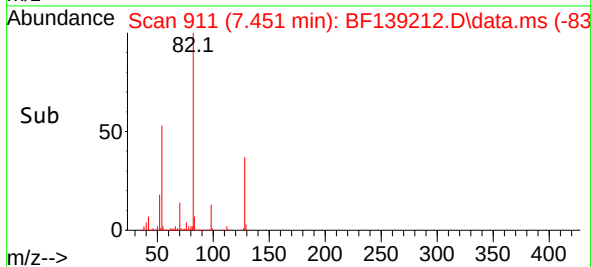
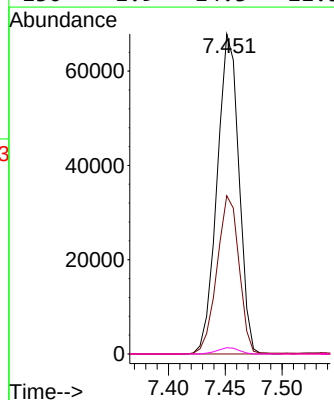
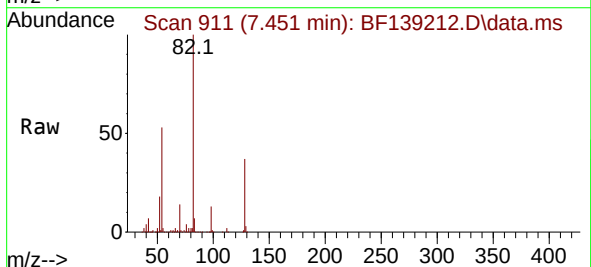
Instrument :
BNA_F
ClientSampleId :
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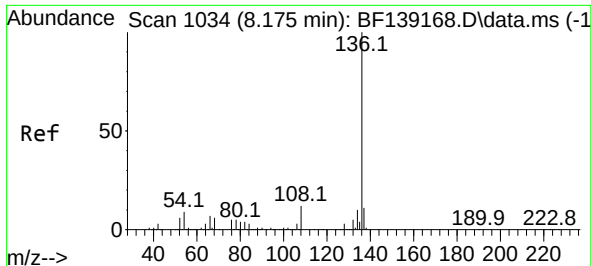
Tgt Ion: 99 Resp: 844121
Ion Ratio Lower Upper
99 100
42 21.2 17.9 26.9
71 39.4 31.7 47.5



#19
n-Nitroso-di-n-propylamine
Concen: 21.786 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF139212.D
Acq: 28 Aug 2024 17:51

Tgt Ion: 70 Resp: 90656
Ion Ratio Lower Upper
70 100
42 49.4 50.8 76.2#
101 0.0 7.4 11.0#
130 1.9 14.3 21.5#

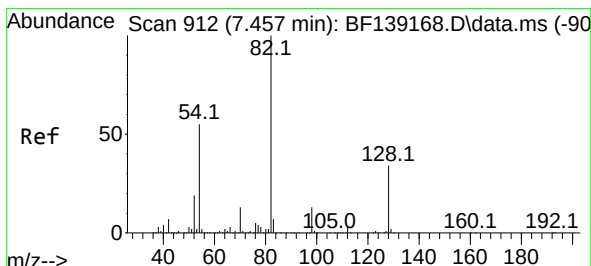
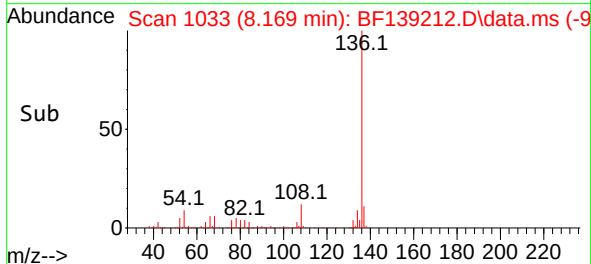
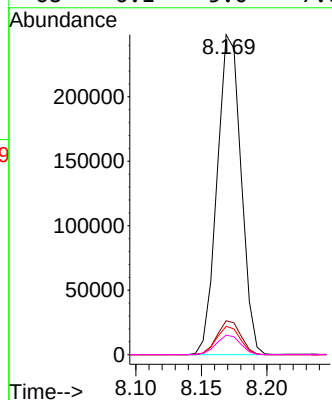
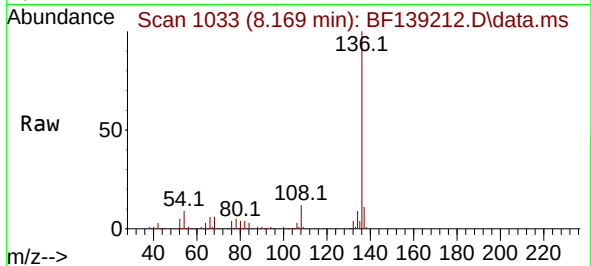




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139212.D
Acq: 28 Aug 2024 17:51

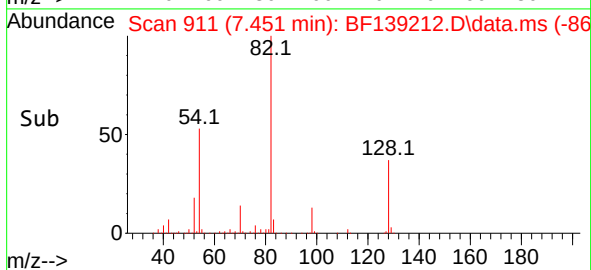
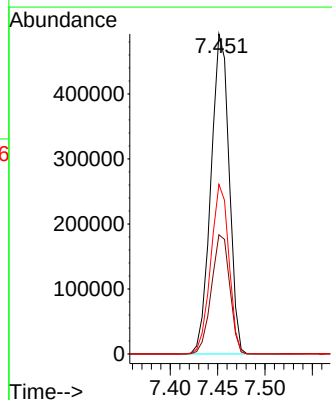
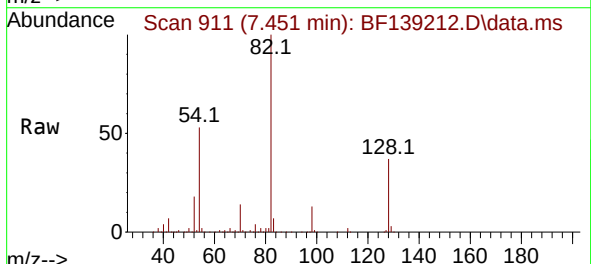
Instrument :
BNA_F
ClientSampleId :
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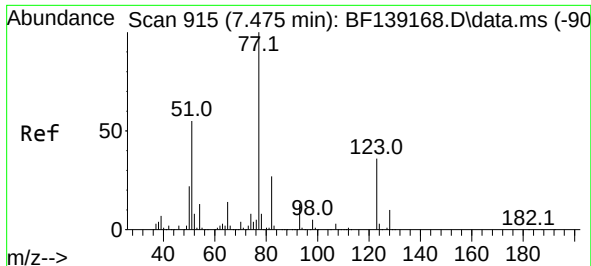
Tgt Ion:	136	Resp:	315105
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.6	12.8
54	8.9	7.6	11.4
68	6.1	5.0	7.6



#23
Nitrobenzene-d5
Concen: 115.808 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139212.D
Acq: 28 Aug 2024 17:51

Tgt Ion:	82	Resp:	658692
Ion Ratio	Lower	Upper	
82	100		
128	37.2	27.1	40.7
54	53.0	44.2	66.4

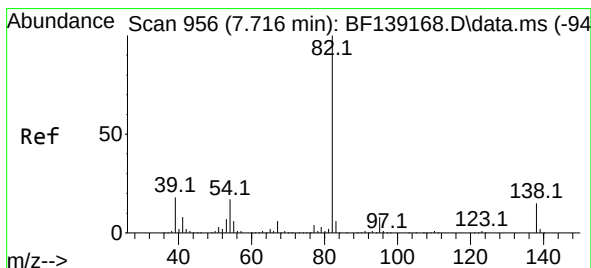
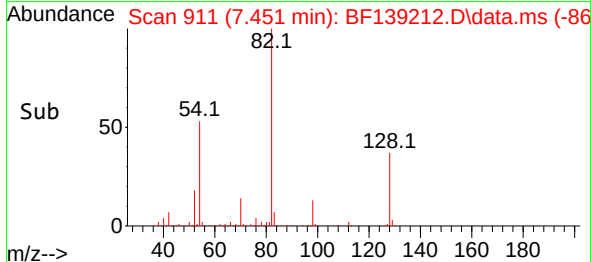
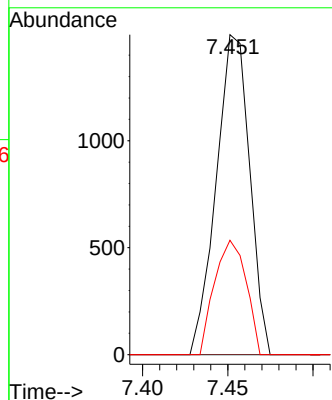
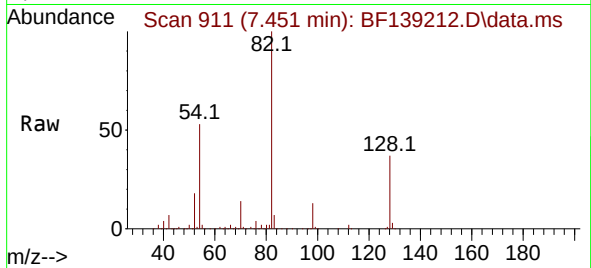




#24
Nitrobenzene
Concen: 3.542 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.024 min
Lab File: BF139212.D
Acq: 28 Aug 2024 17:51

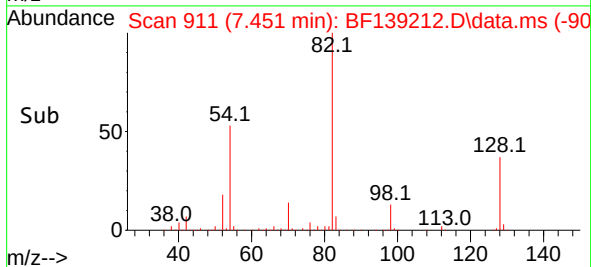
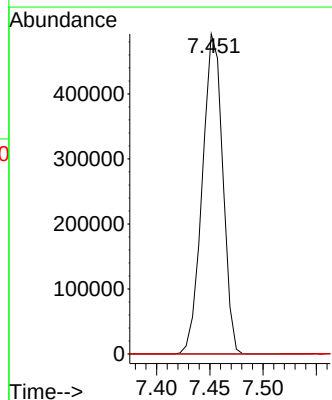
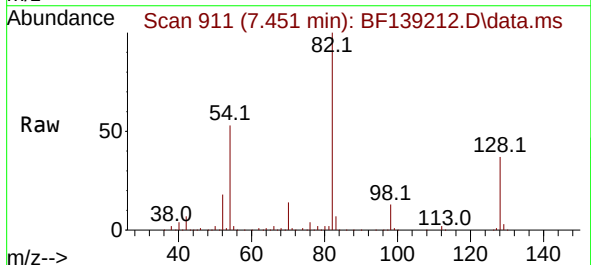
Instrument :
BNA_F
ClientSampleId :
WC-3

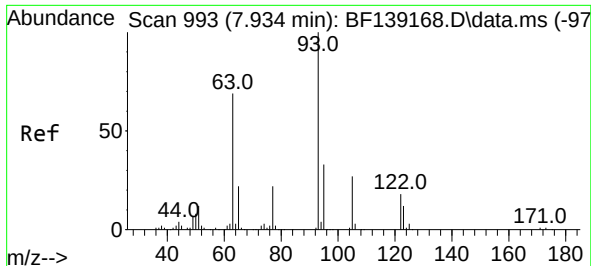
Tgt Ion: 77 Resp: 2041
Ion Ratio Lower Upper
77 100
123 0.0 28.7 43.1#
65 35.8 10.9 16.3#



#25
Isophorone
Concen: 58.394 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF139212.D
Acq: 28 Aug 2024 17:51

Tgt Ion: 82 Resp: 656807
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 12.2 18.4#

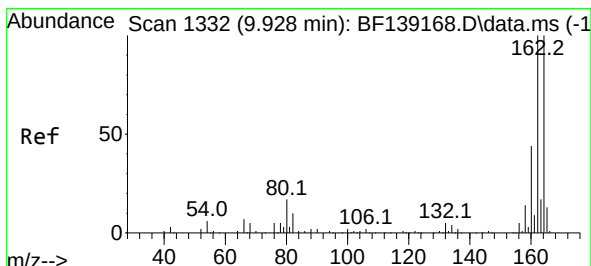
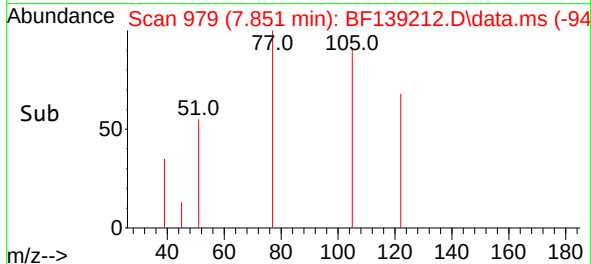
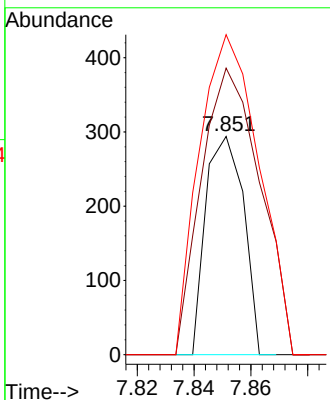
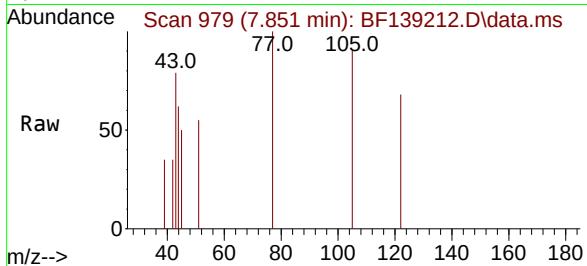




#32
Benzoic acid
Concen: 9.595 ng
RT: 7.851 min Scan# 91
Delta R.T. -0.083 min
Lab File: BF139212.D
Acq: 28 Aug 2024 17:51

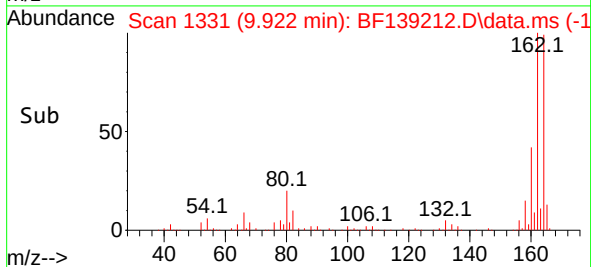
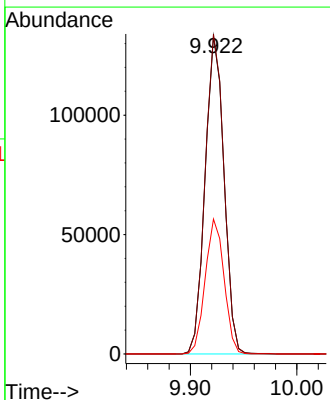
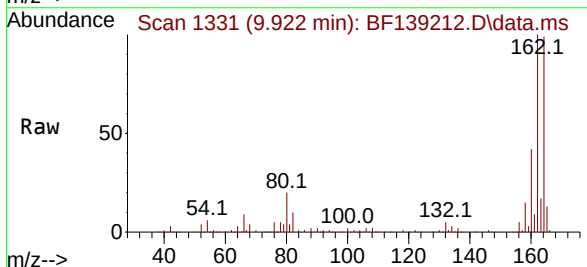
Instrument :
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ClientSampleId :
WC-3

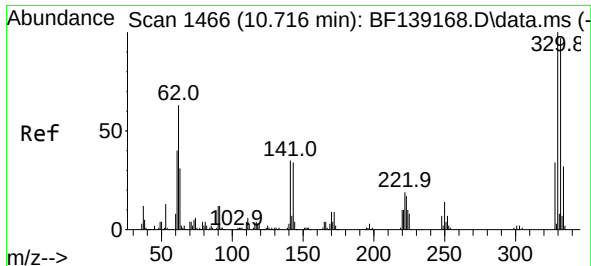
Tgt Ion:122 Resp: 272
Ion Ratio Lower Upper
122 100
105 131.3 118.9 158.9
77 146.6 96.4 136.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF139212.D
Acq: 28 Aug 2024 17:51

Tgt Ion:164 Resp: 163890
Ion Ratio Lower Upper
164 100
162 100.8 80.0 120.0
160 42.5 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 154.332 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF139212.D

Acq: 28 Aug 2024 17:51

Instrument :

BNA_F

ClientSampleId :

WC-3

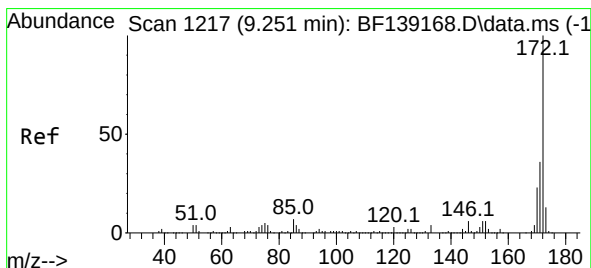
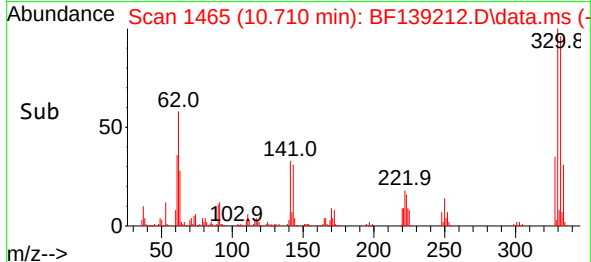
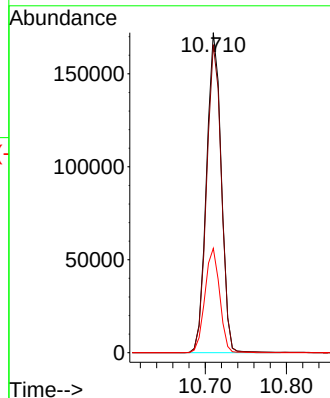
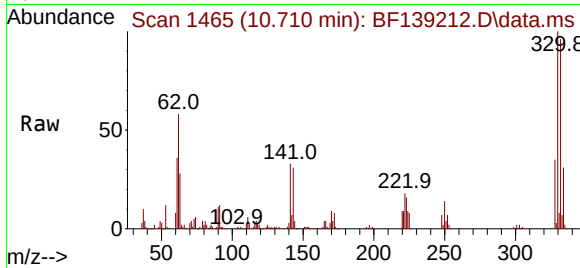
Tgt Ion:330 Resp: 216626

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

141 32.5 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 102.833 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139212.D

Acq: 28 Aug 2024 17:51

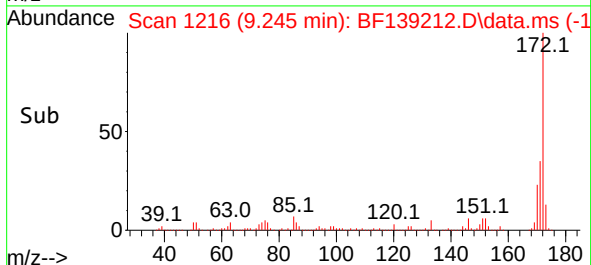
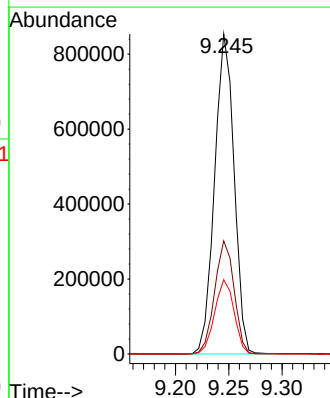
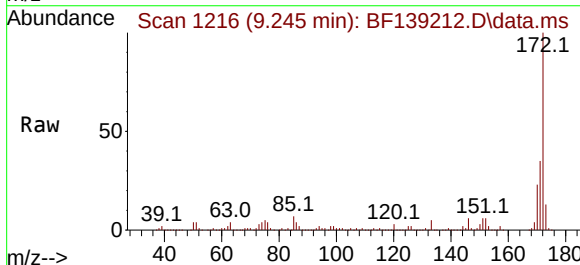
Tgt Ion:172 Resp: 1084961

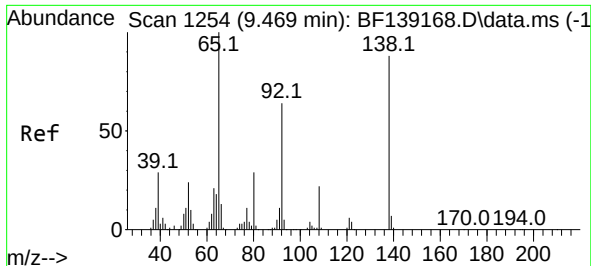
Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.2 18.8 28.2

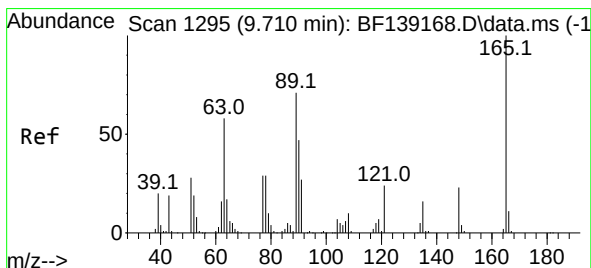
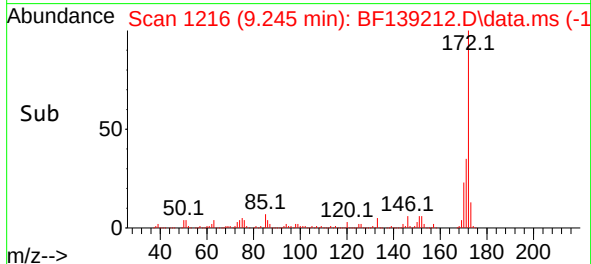
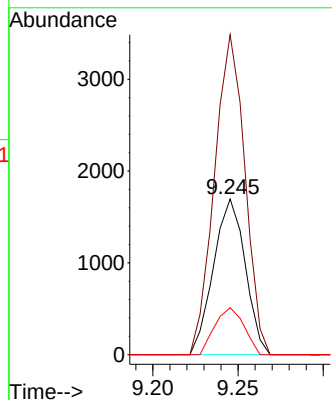
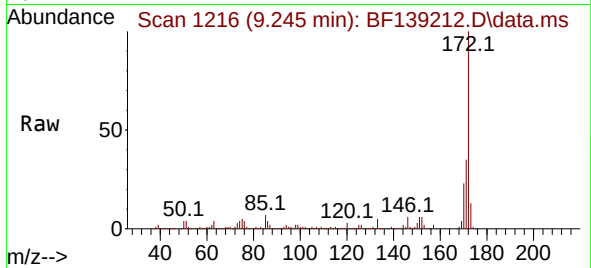




#48
2-Nitroaniline
Concen: 6.473 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.224 min
Lab File: BF139212.D
Acq: 28 Aug 2024 17:51

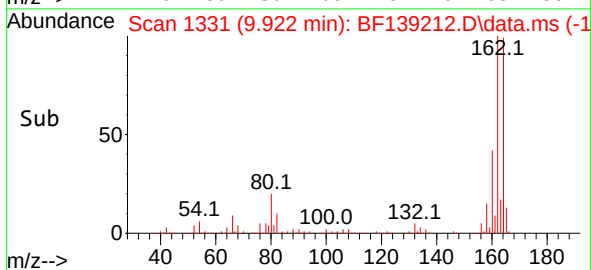
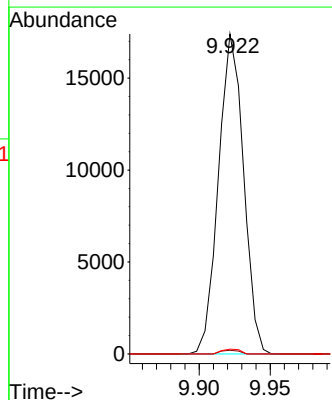
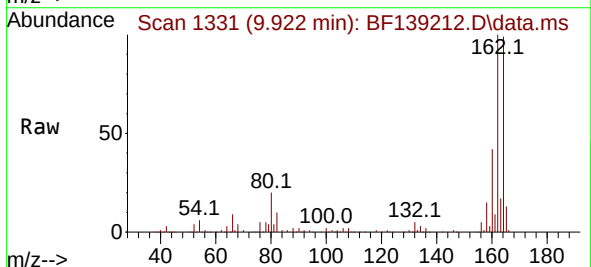
Instrument :
BNA_F
ClientSampleId :
WC-3

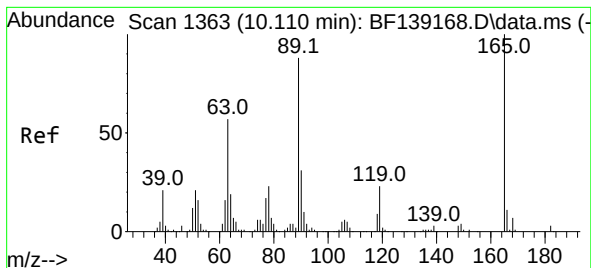
Tgt Ion: 65 Resp: 2198
Ion Ratio Lower Upper
65 100
92 205.7 51.2 76.8#
138 30.3 70.0 105.0#



#51
2,6-Dinitrotoluene
Concen: 14.588 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF139212.D
Acq: 28 Aug 2024 17:51

Tgt Ion: 165 Resp: 21342
Ion Ratio Lower Upper
165 100
63 1.2 60.1 90.1#
89 1.5 57.0 85.6#





#57

2,4-Dinitrotoluene

Concen: 13.207 ng

RT: 9.922 min Scan# 1

Delta R.T. -0.188 min

Lab File: BF139212.D

Acq: 28 Aug 2024 17:51

Instrument :

BNA_F

ClientSampleId :

WC-3

Tgt Ion:165 Resp: 21342

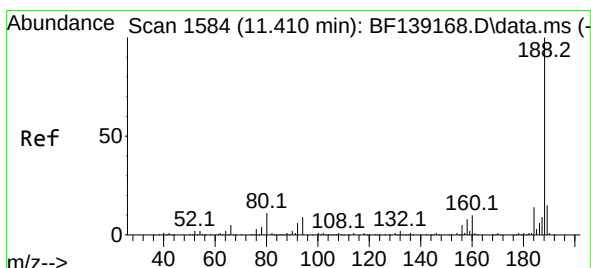
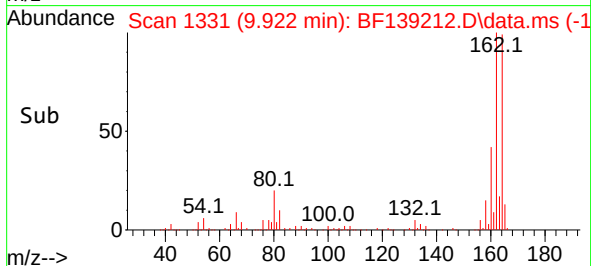
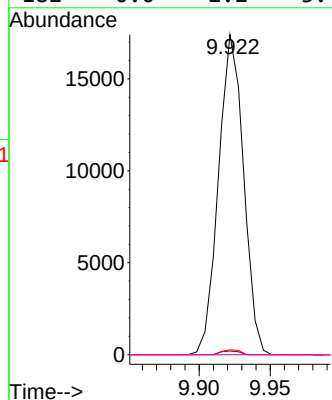
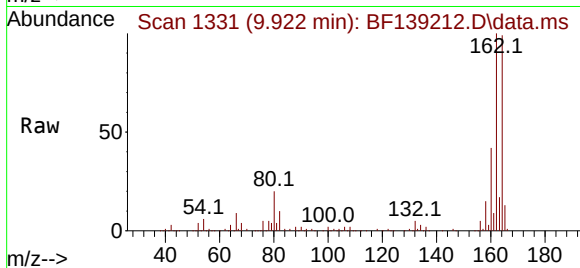
Ion Ratio Lower Upper

165 100

63 1.2 46.2 69.2#

89 1.5 70.2 105.4#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. 0.000 min

Lab File: BF139212.D

Acq: 28 Aug 2024 17:51

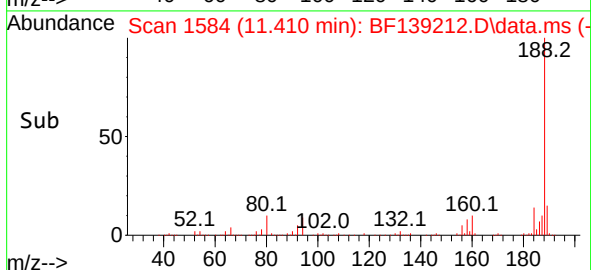
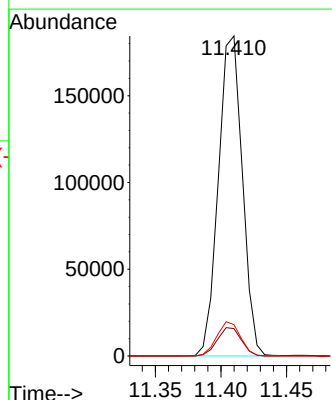
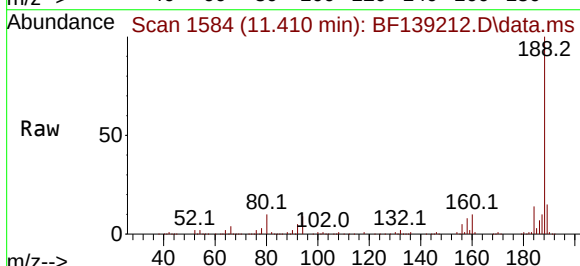
Tgt Ion:188 Resp: 234273

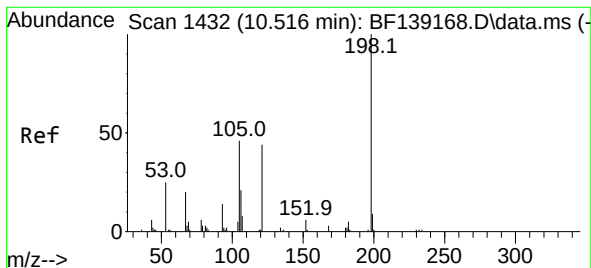
Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.2

80 9.8 8.9 13.3

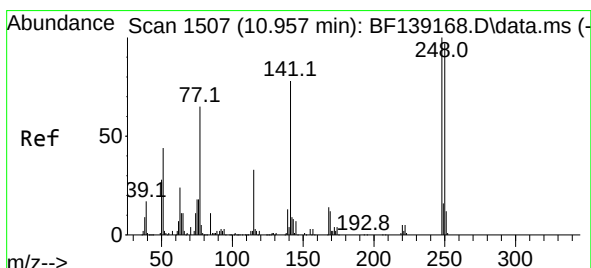
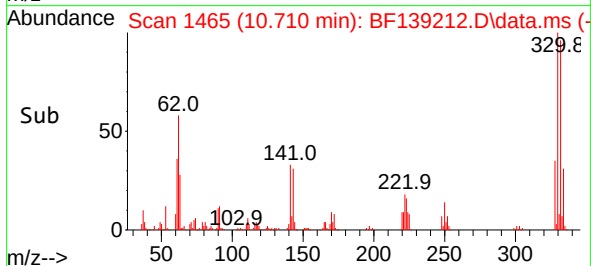
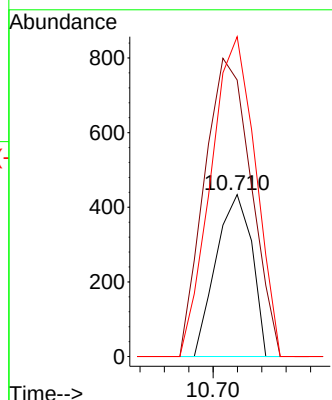
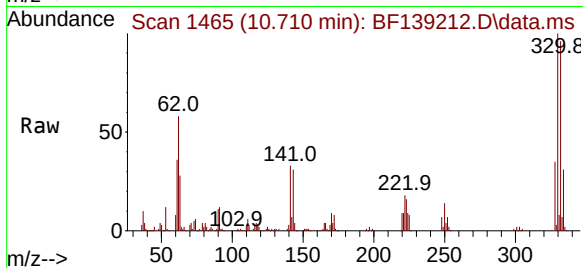




#65
4,6-Dinitro-2-methylphenol
Concen: 7.420 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.194 min
Lab File: BF139212.D
Acq: 28 Aug 2024 17:51

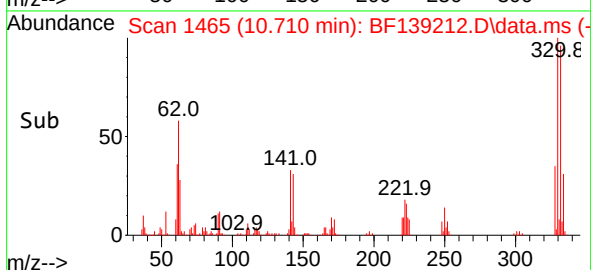
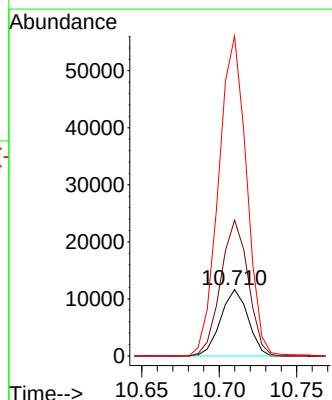
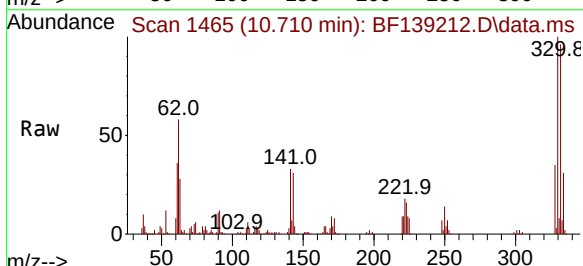
Instrument :
BNA_F
ClientSampleId :
WC-3

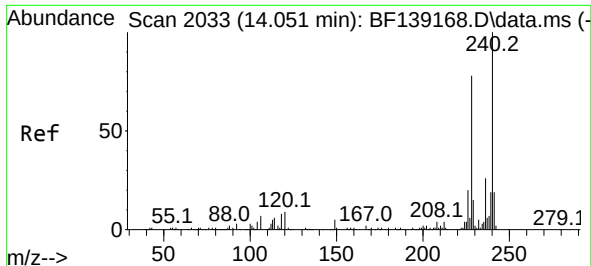
Tgt Ion:198 Resp: 445
Ion Ratio Lower Upper
198 100
51 170.7 39.2 79.2#
105 197.5 29.3 69.3#



#67
4-Bromophenyl-phenylether
Concen: 5.744 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF139212.D
Acq: 28 Aug 2024 17:51

Tgt Ion:248 Resp: 14297
Ion Ratio Lower Upper
248 100
250 204.8 78.0 117.0#
141 482.2 62.6 94.0#

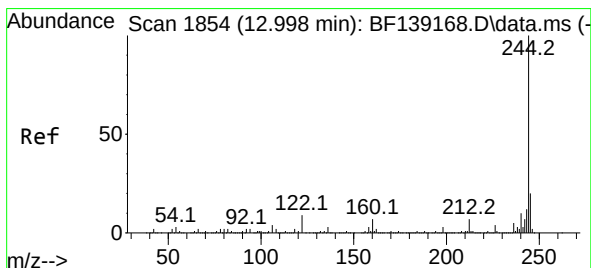
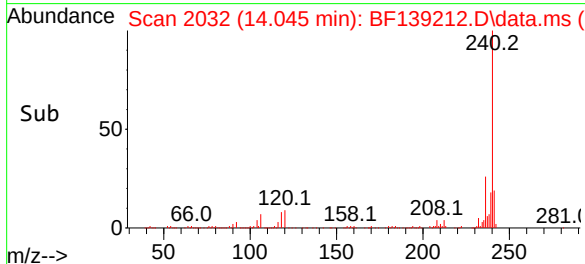
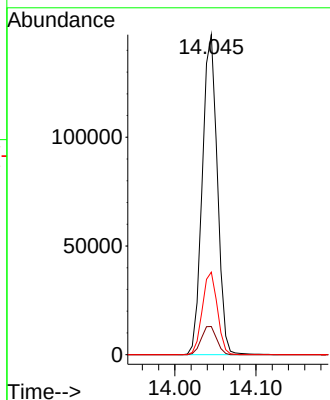
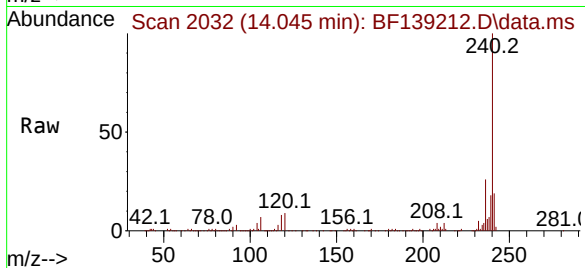




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF139212.D
Acq: 28 Aug 2024 17:51

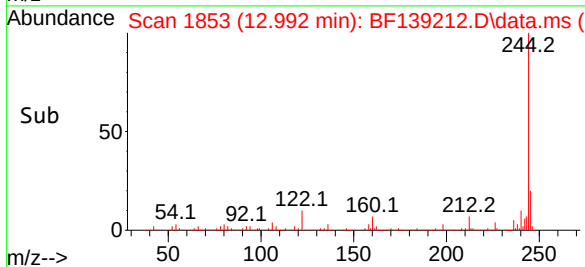
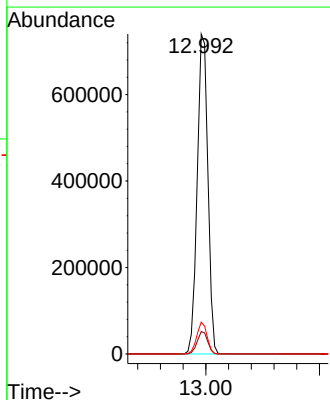
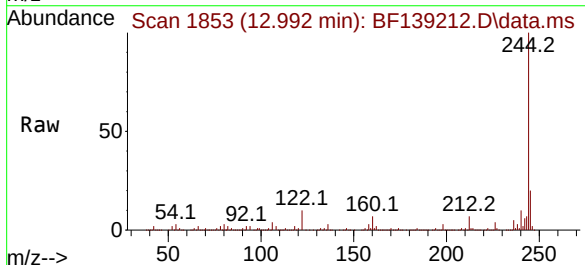
Instrument :
BNA_F
ClientSampleId :
WC-3

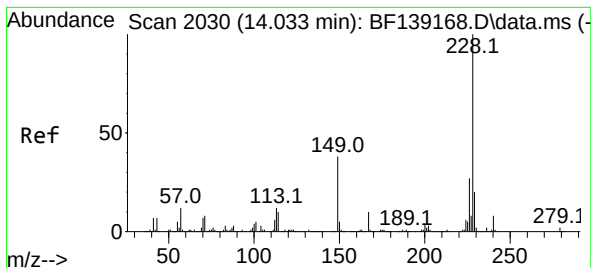
Tgt Ion:240 Resp: 188831
Ion Ratio Lower Upper
240 100
120 8.8 6.9 10.3
236 25.8 20.9 31.3



#79
Terphenyl-d14
Concen: 80.038 ng
RT: 12.992 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF139212.D
Acq: 28 Aug 2024 17:51

Tgt Ion:244 Resp: 968626
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 10.0 7.6 11.4

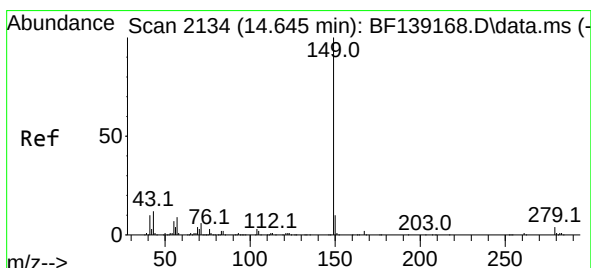
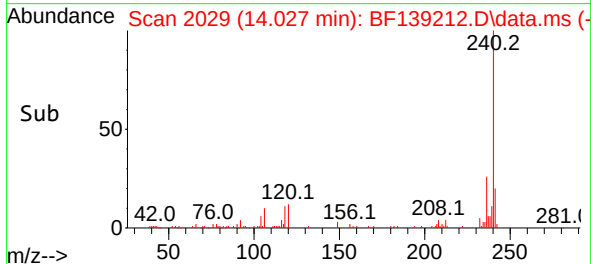
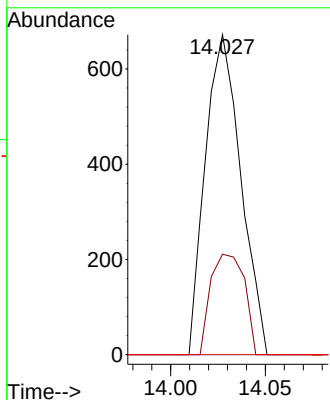
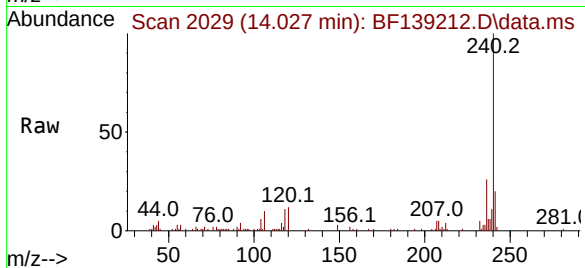




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.392 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF139212.D
Acq: 28 Aug 2024 17:51

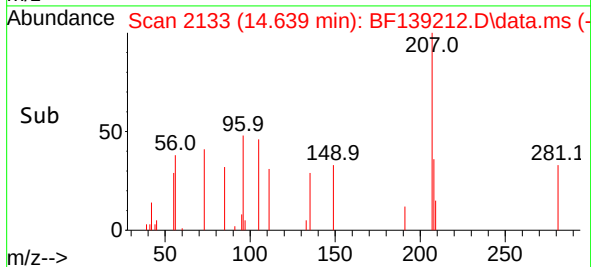
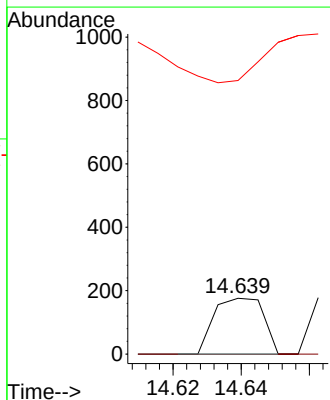
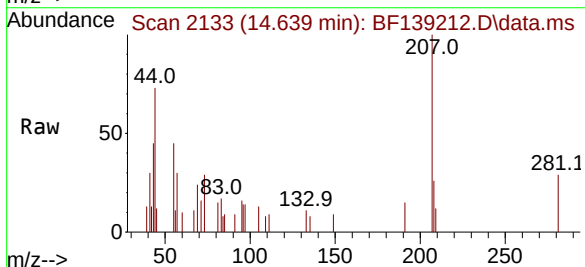
Instrument :
BNA_F
ClientSampleId :
WC-3

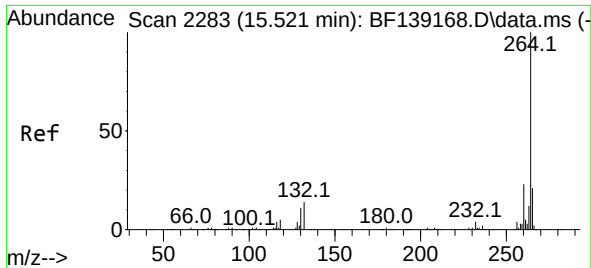
Tgt Ion:149 Resp: 877
Ion Ratio Lower Upper
149 100
167 31.4 21.3 31.9
279 0.0 3.4 5.0#



#85
Di-n-octyl phthalate
Concen: 8.970 ng
RT: 14.639 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BF139212.D
Acq: 28 Aug 2024 17:51

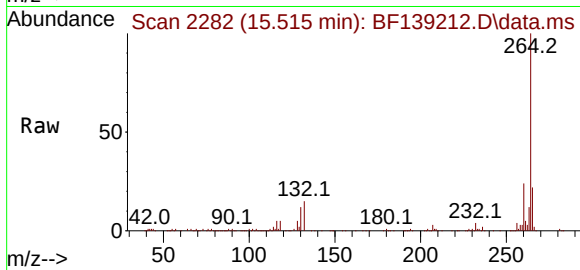
Tgt Ion:149 Resp: 178
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 0.0 9.9 14.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139212.D
Acq: 28 Aug 2024 17:51

Instrument :
BNA_F
ClientSampleId :
WC-3



Tgt Ion:264 Resp: 155651

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	22.3	17.0	25.6

