

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
 Data File : BF140041.D
 Acq On : 25 Oct 2024 16:57
 Operator : RC/JU
 Sample : P4515-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHVB0783

Quant Time: Oct 25 17:26:41 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)

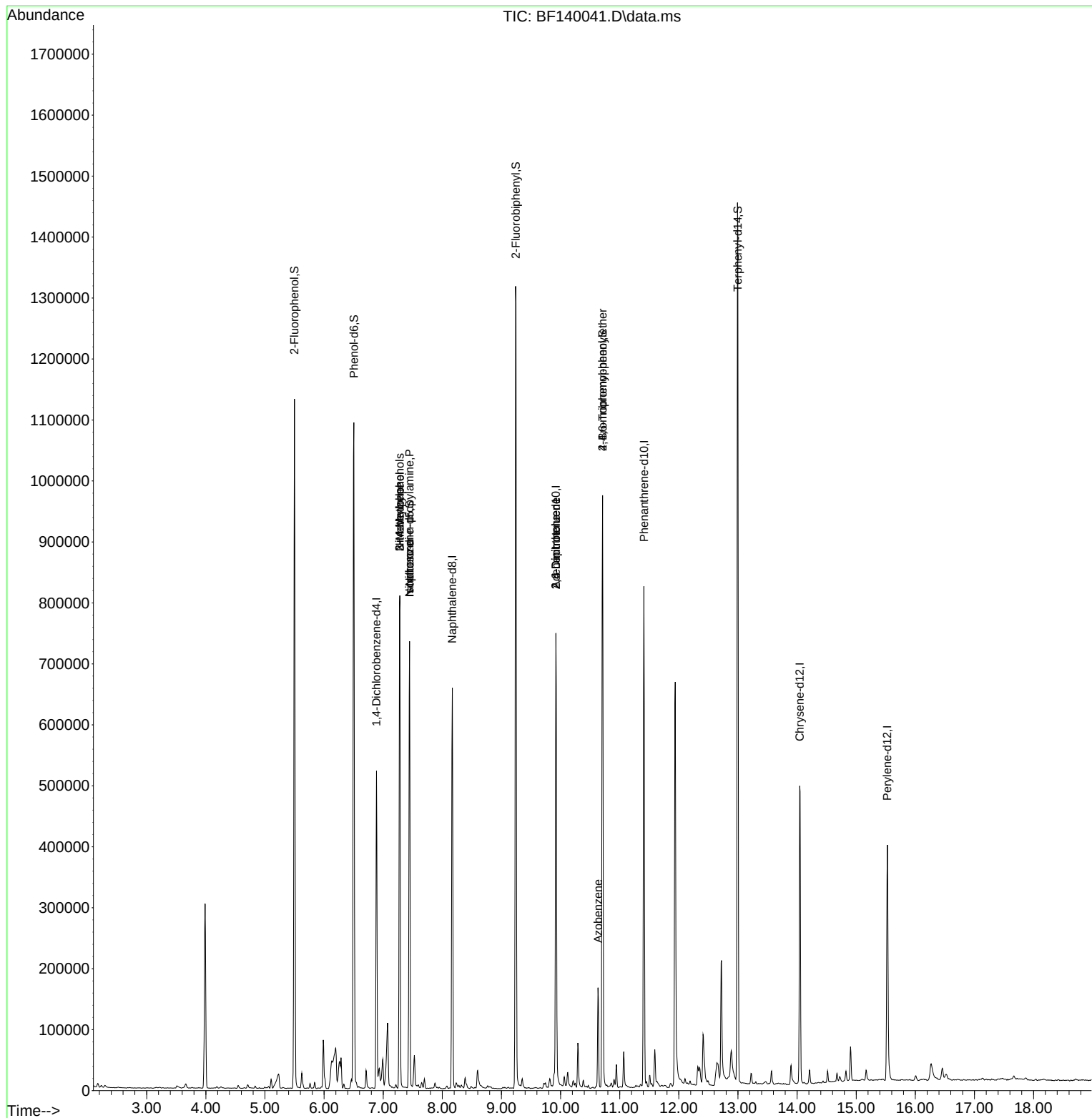
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	101023	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	392765	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	224852	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	422640	20.000	ng	0.00
76) Chrysene-d12	14.045	240	237166	20.000	ng	0.00
86) Perylene-d12	15.527	264	240038	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	397152	61.544	ng	0.00
7) Phenol-d6	6.504	99	510754	61.111	ng	0.00
23) Nitrobenzene-d5	7.445	82	313685	44.265	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	165311	78.600	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	610676	44.886	ng	0.00
79) Terphenyl-d14	12.998	244	723084	49.680	ng	0.00
Target Compounds						Qvalue
17) 2-Methylphenol	7.281	107	285791	50.804	ng	# 70
19) n-Nitroso-di-n-propyla...	7.445	70	43193	8.521	ng	# 75
20) 3+4-Methylphenols	7.281	107	285791	39.720	ng	# 76
24) Nitrobenzene	7.281	77	89616	11.534	ng	# 45
25) Isophorone	7.445	82	312138	23.207	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	29029	9.573	ng	# 22
57) 2,4-Dinitrotoluene	9.922	165	29030	7.785	ng	# 21
63) Azobenzene	10.633	77	40471	2.776	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	10488	2.409	ng	# 1

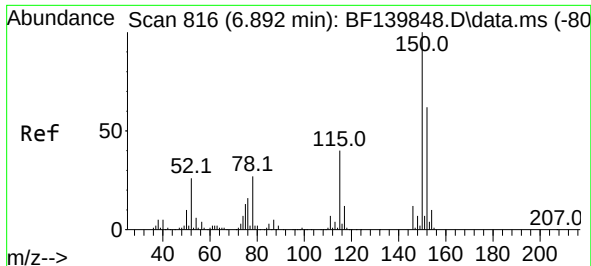
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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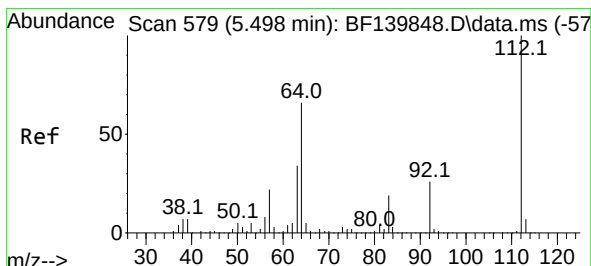
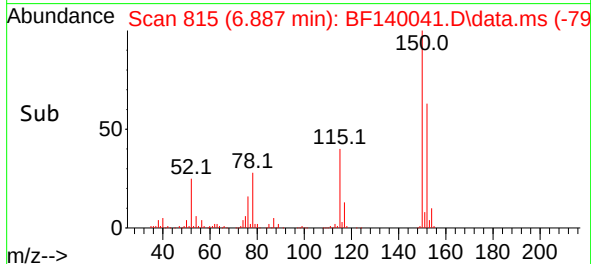
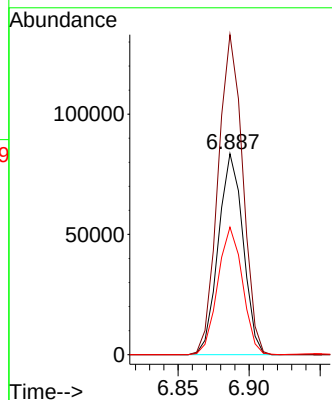
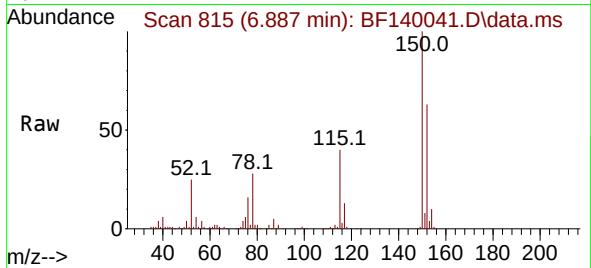




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140041.D
Acq: 25 Oct 2024 16:57

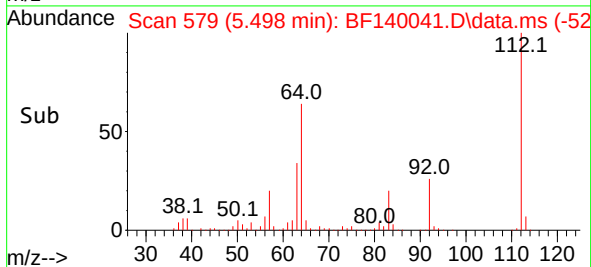
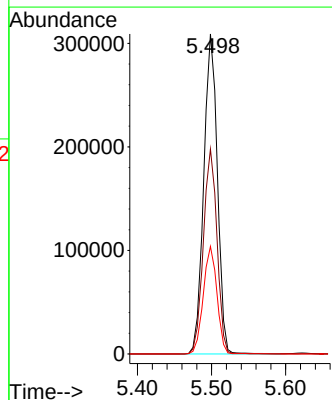
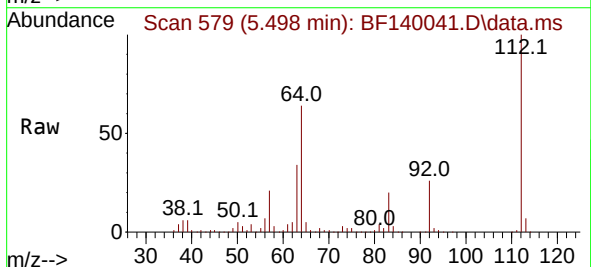
Instrument :
BNA_F
ClientSampleId :
CHVB0783

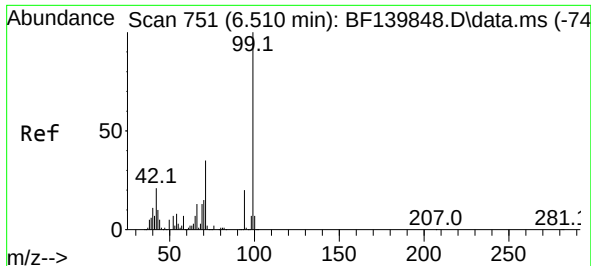
Tgt Ion:152 Resp: 101023
Ion Ratio Lower Upper
152 100
150 159.3 130.2 195.2
115 63.5 51.4 77.2



#5
2-Fluorophenol
Concen: 61.544 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140041.D
Acq: 25 Oct 2024 16:57

Tgt Ion:112 Resp: 397152
Ion Ratio Lower Upper
112 100
64 64.1 53.0 79.6
63 33.6 27.0 40.4

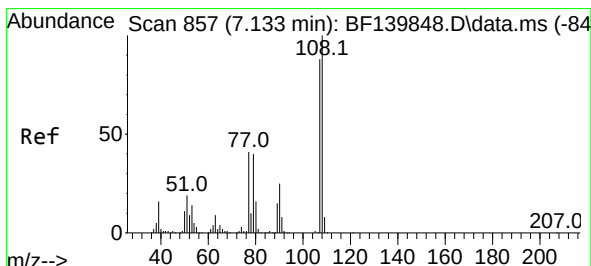
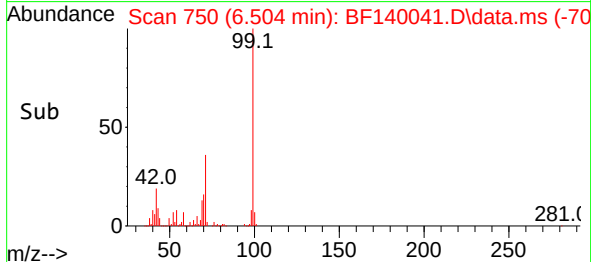
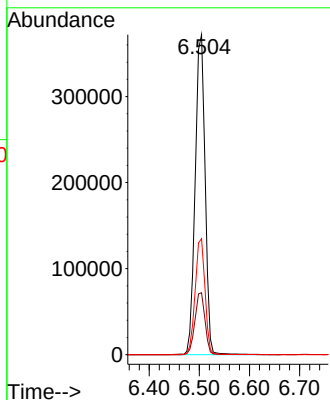
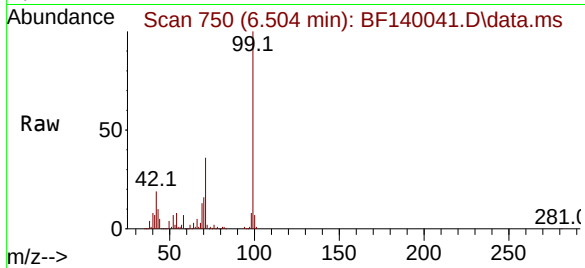




#7
Phenol-d6
Concen: 61.111 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140041.D
Acq: 25 Oct 2024 16:57

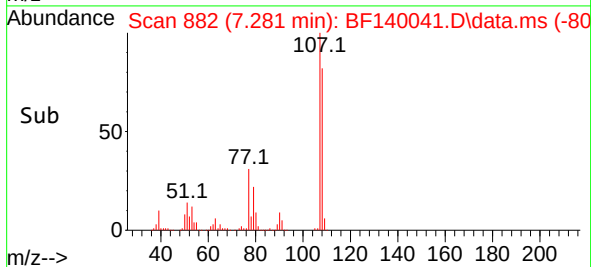
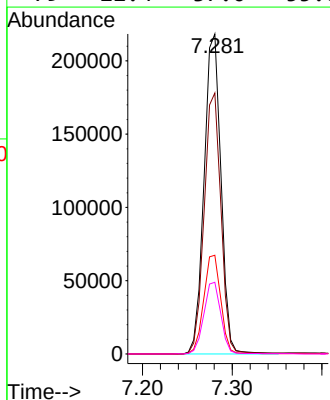
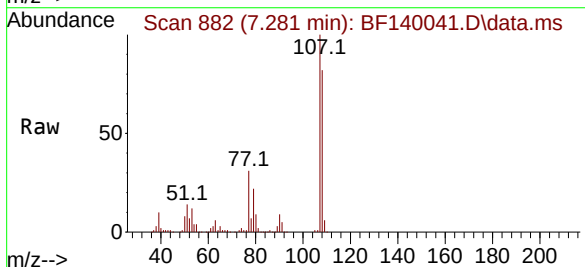
Instrument :
BNA_F
ClientSampleId :
CHVB0783

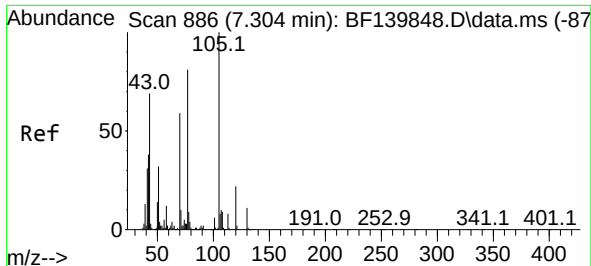
Tgt Ion: 99 Resp: 510754
Ion Ratio Lower Upper
99 100
42 19.4 16.7 25.1
71 36.3 27.7 41.5



#17
2-Methylphenol
Concen: 50.804 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.147 min
Lab File: BF140041.D
Acq: 25 Oct 2024 16:57

Tgt Ion: 107 Resp: 285791
Ion Ratio Lower Upper
107 100
108 81.5 91.3 136.9#
77 30.9 37.1 55.7#
79 22.4 37.0 55.6#

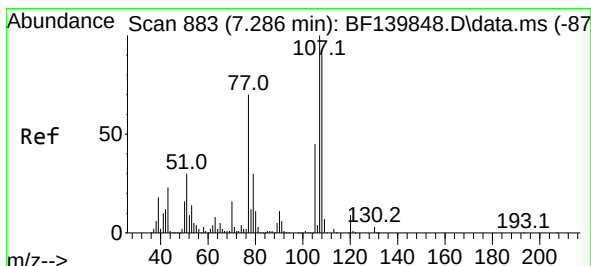
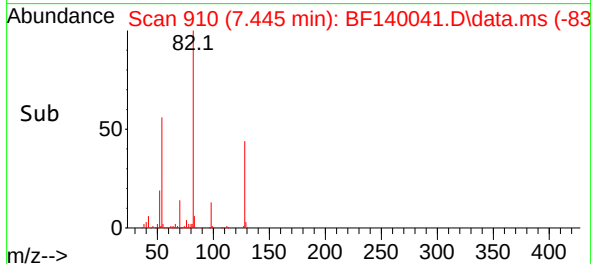
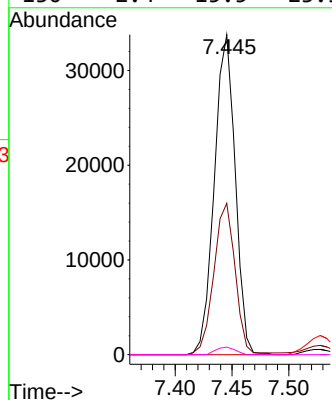
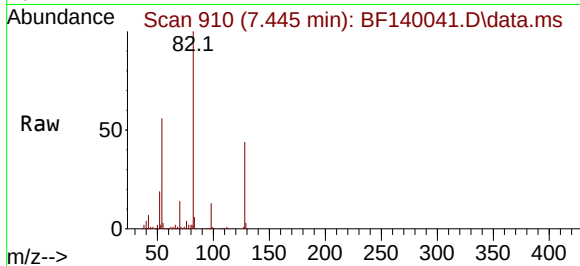




#19
n-Nitroso-di-n-propylamine
Concen: 8.521 ng
RT: 7.445 min Scan# 91
Delta R.T. 0.141 min
Lab File: BF140041.D
Acq: 25 Oct 2024 16:57

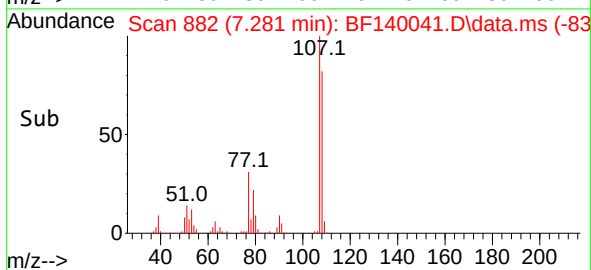
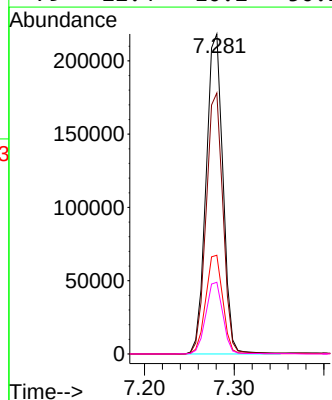
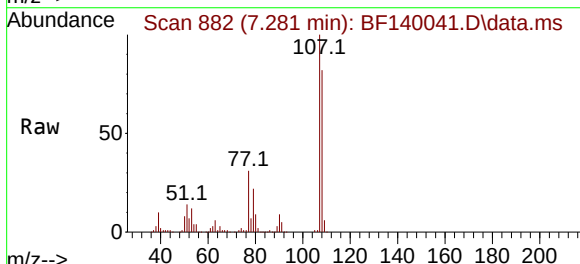
Instrument :
BNA_F
ClientSampleId :
CHVB0783

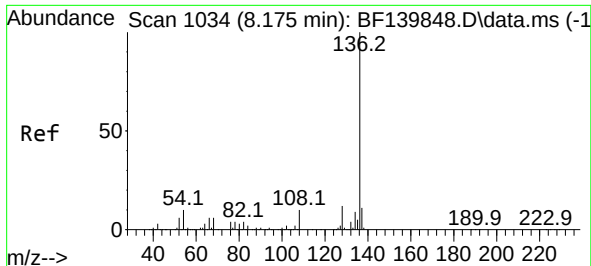
Tgt Ion:	70	Resp:	43193
Ion	Ratio	Lower	Upper
70	100		
42	47.3	51.5	77.3#
101	0.0	7.5	11.3#
130	2.4	15.5	23.3#



#20
3+4-Methylphenols
Concen: 39.720 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140041.D
Acq: 25 Oct 2024 16:57

Tgt Ion:	107	Resp:	285791
Ion	Ratio	Lower	Upper
107	100		
108	81.5	69.8	109.8
77	30.9	50.5	90.5#
79	22.4	10.2	50.2

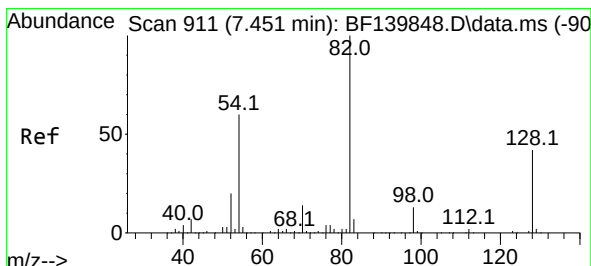
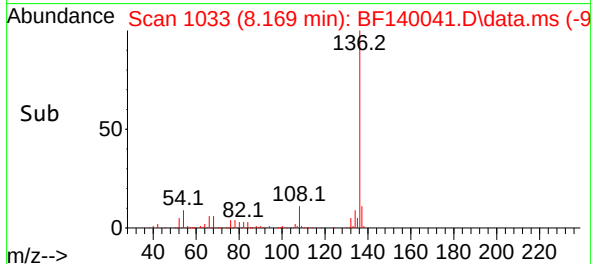
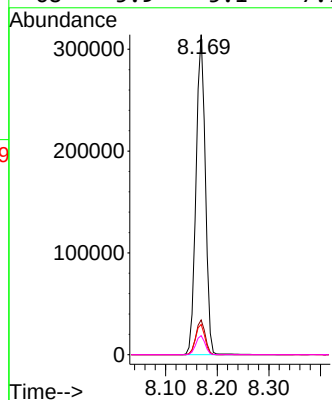
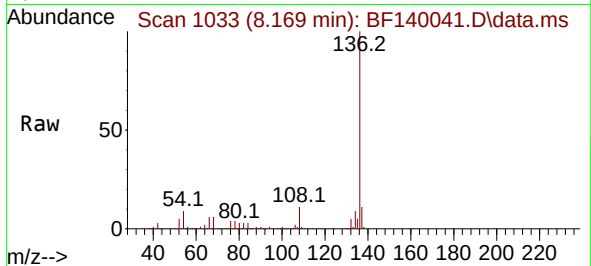




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF140041.D
Acq: 25 Oct 2024 16:57

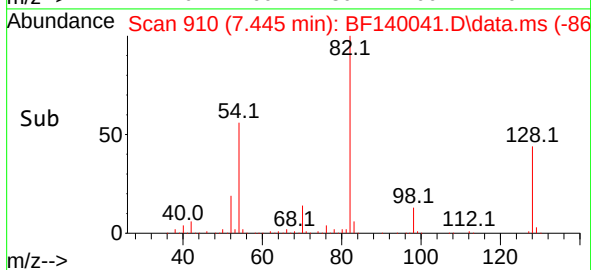
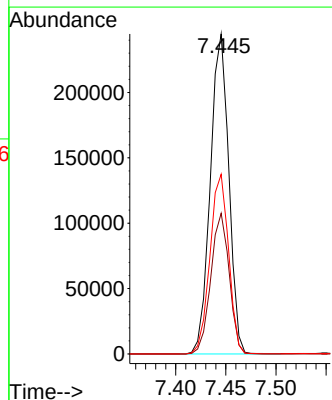
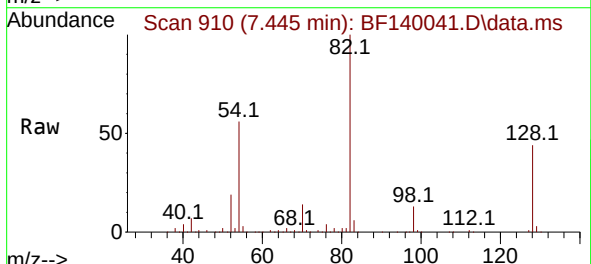
Instrument :
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ClientSampleId :
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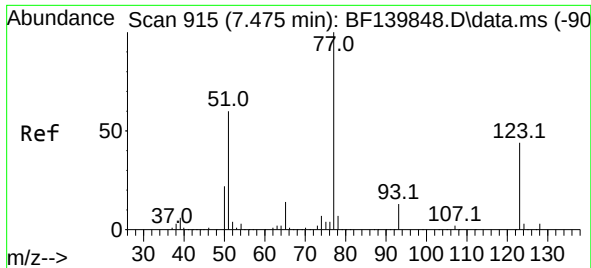
Tgt Ion:	136	Resp:	392765
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.4	8.4	12.6
68	5.9	5.1	7.7



#23
Nitrobenzene-d5
Concen: 44.265 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140041.D
Acq: 25 Oct 2024 16:57

Tgt Ion:	82	Resp:	313685
Ion	Ratio	Lower	Upper
82	100		
128	44.0	33.4	50.0
54	56.2	47.8	71.8

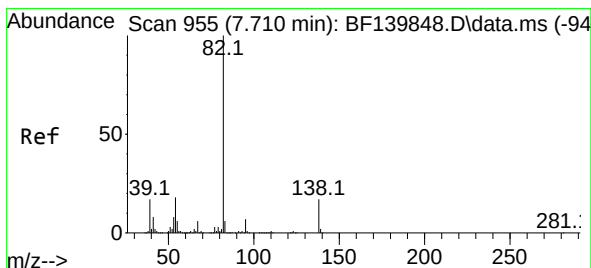
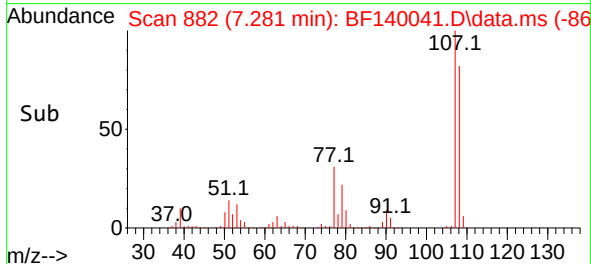
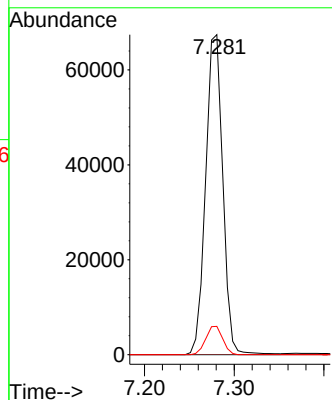
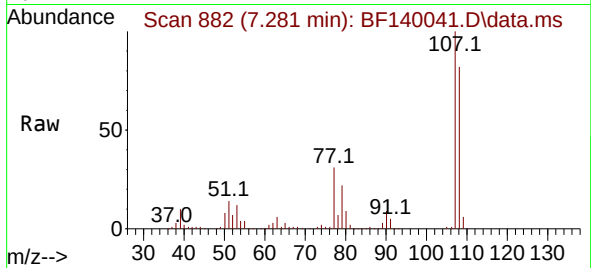




#24
Nitrobenzene
Concen: 11.534 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.194 min
Lab File: BF140041.D
Acq: 25 Oct 2024 16:57

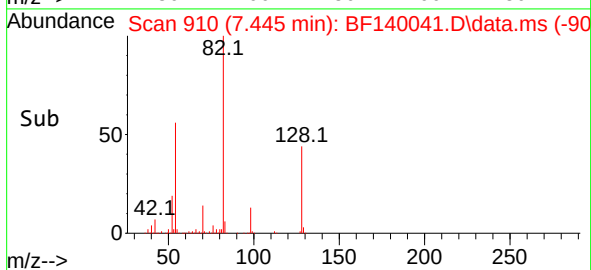
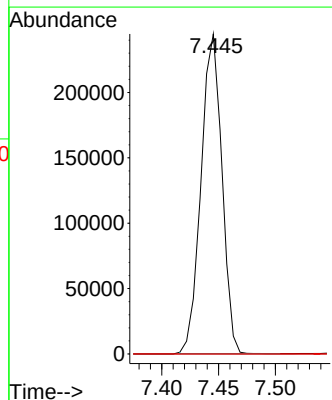
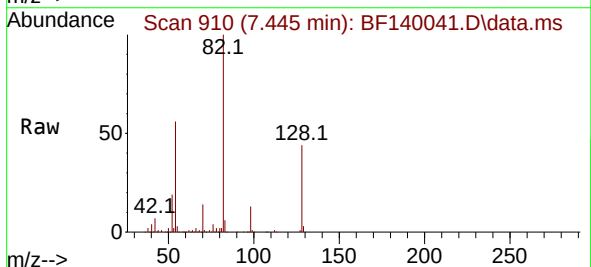
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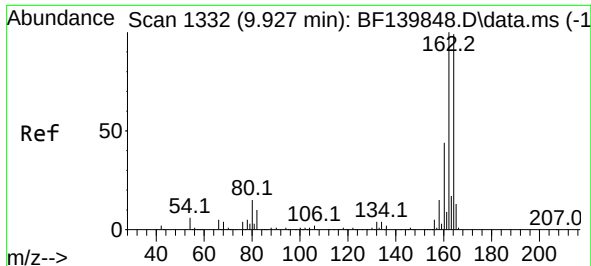
Tgt Ion: 77 Resp: 89616
Ion Ratio Lower Upper
77 100
123 0.0 35.7 53.5#
65 8.8 11.5 17.3#



#25
Isophorone
Concen: 23.207 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF140041.D
Acq: 25 Oct 2024 16:57

Tgt Ion: 82 Resp: 312138
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#

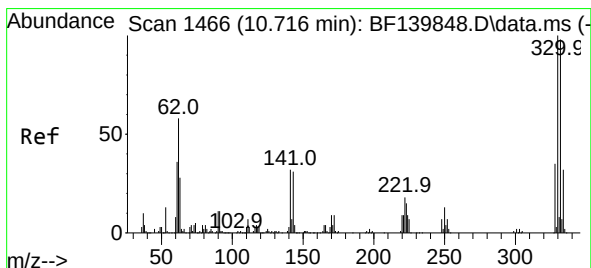
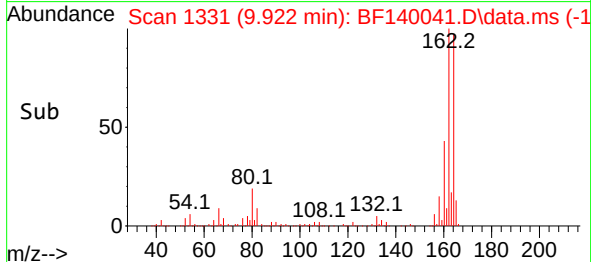
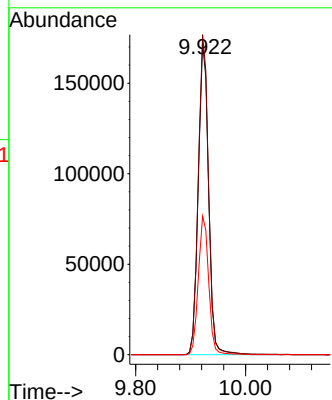
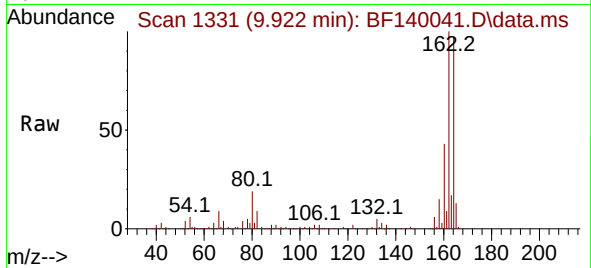




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF140041.D
Acq: 25 Oct 2024 16:57

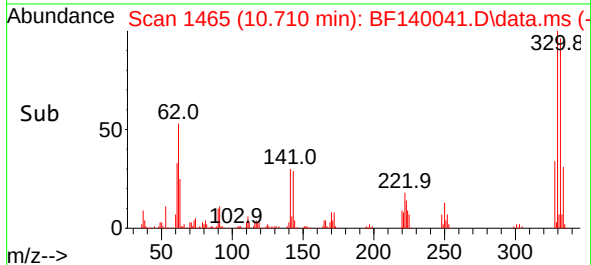
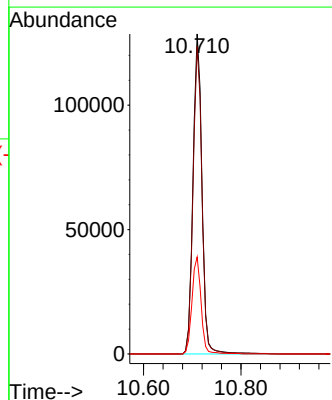
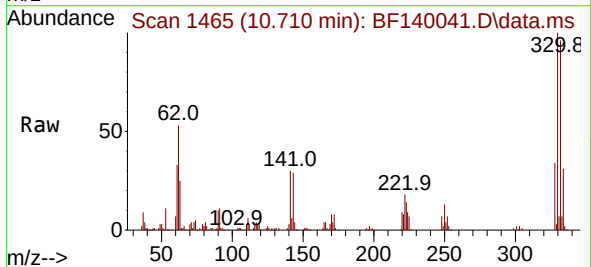
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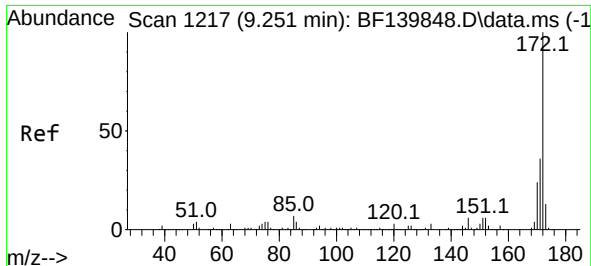
Tgt Ion:164 Resp: 224852
Ion Ratio Lower Upper
164 100
162 102.8 81.0 121.4
160 44.5 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 78.600 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF140041.D
Acq: 25 Oct 2024 16:57

Tgt Ion:330 Resp: 165311
Ion Ratio Lower Upper
330 100
332 95.7 78.1 117.1
141 30.6 26.6 39.8





#45

2-Fluorobiphenyl

Concen: 44.886 ng

RT: 9.245 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140041.D

Acq: 25 Oct 2024 16:57

Instrument :

BNA_F

ClientSampleId :

CHVB0783

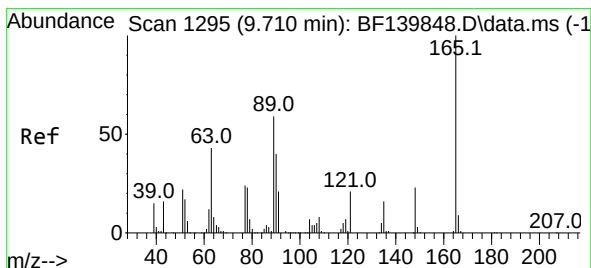
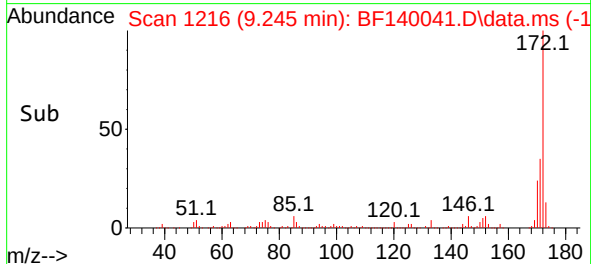
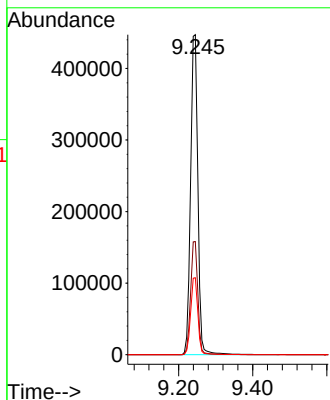
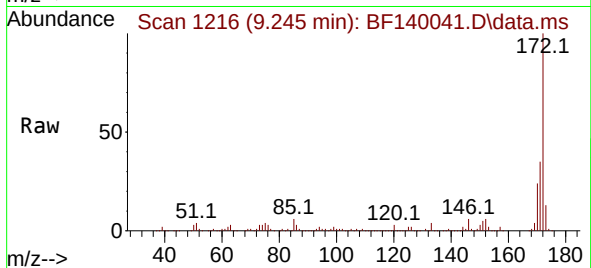
Tgt Ion:172 Resp: 610676

Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 24.0 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 9.573 ng

RT: 9.922 min Scan# 1331

Delta R.T. 0.212 min

Lab File: BF140041.D

Acq: 25 Oct 2024 16:57

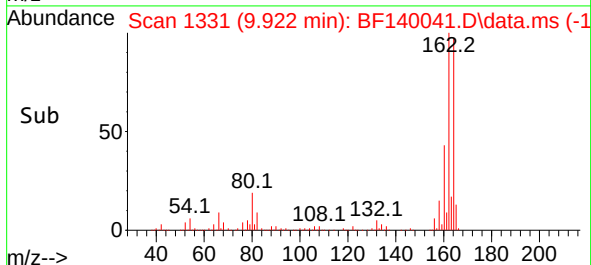
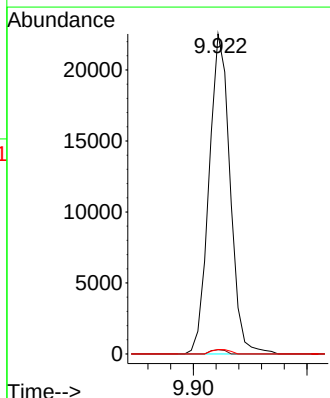
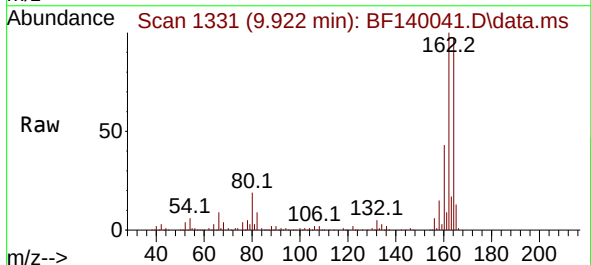
Tgt Ion:165 Resp: 29029

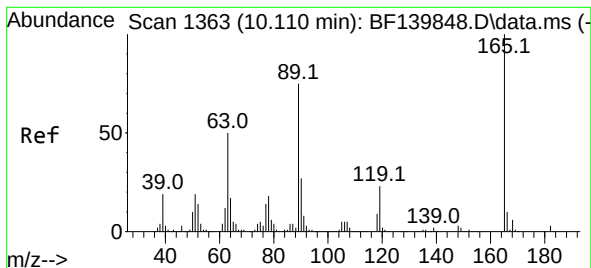
Ion Ratio Lower Upper

165 100

63 1.3 50.6 75.8#

89 1.4 47.5 71.3#

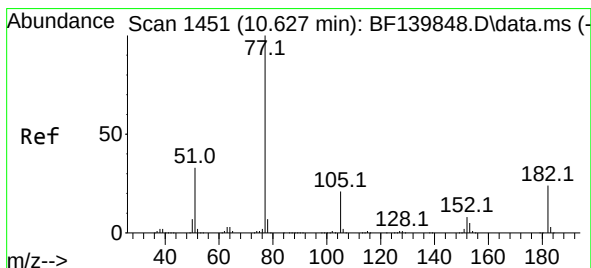
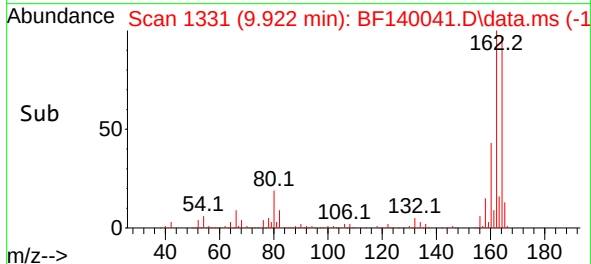
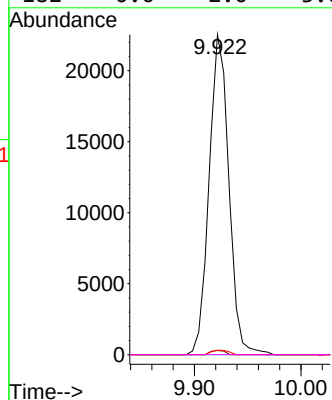
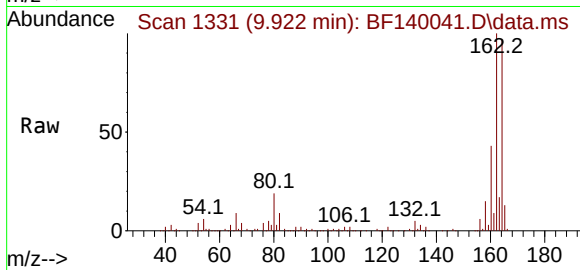




#57
2,4-Dinitrotoluene
Concen: 7.785 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF140041.D
Acq: 25 Oct 2024 16:57

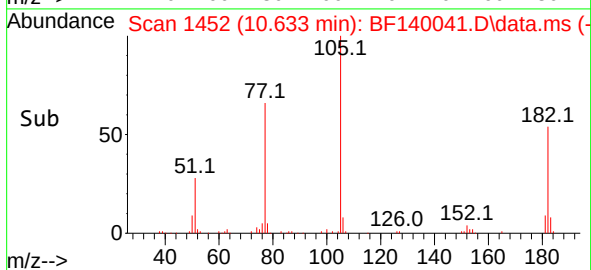
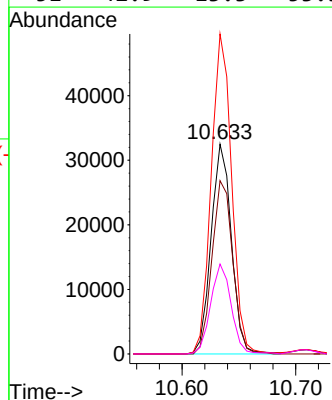
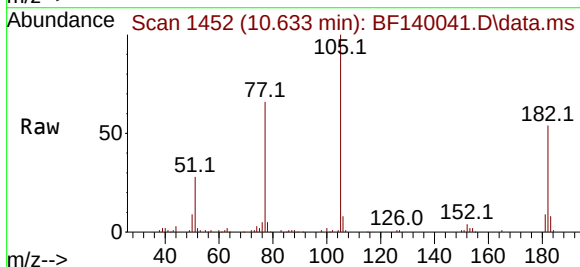
Instrument :
BNA_F
ClientSampleId :
CHVB0783

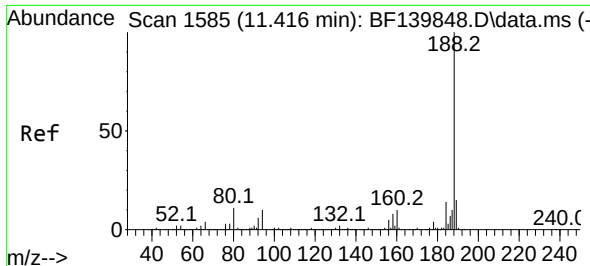
Tgt Ion:165 Resp: 29030
Ion Ratio Lower Upper
165 100
63 1.3 40.1 60.1#
89 1.4 60.4 90.6#
182 0.0 2.0 3.0#



#63
Azobenzene
Concen: 2.776 ng
RT: 10.633 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF140041.D
Acq: 25 Oct 2024 16:57

Tgt Ion: 77 Resp: 40471
Ion Ratio Lower Upper
77 100
182 82.6 3.3 43.3#
105 152.6 1.2 41.2#
51 42.9 13.3 53.3

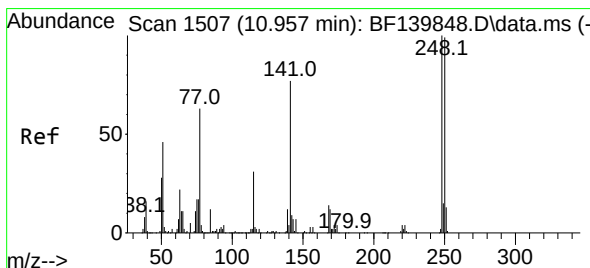
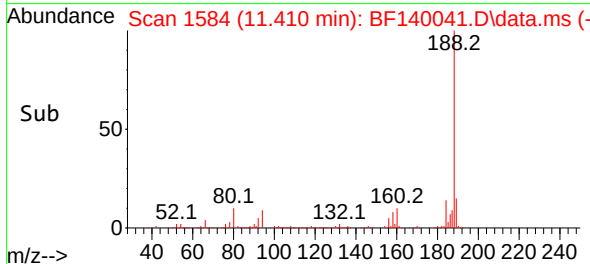
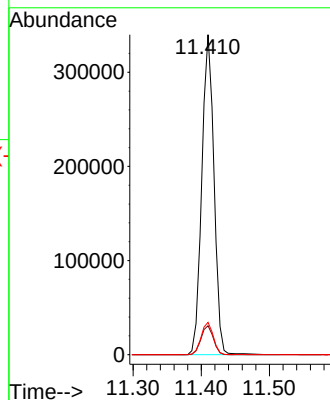
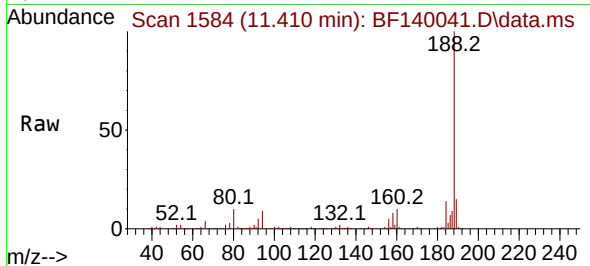




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140041.D
Acq: 25 Oct 2024 16:57

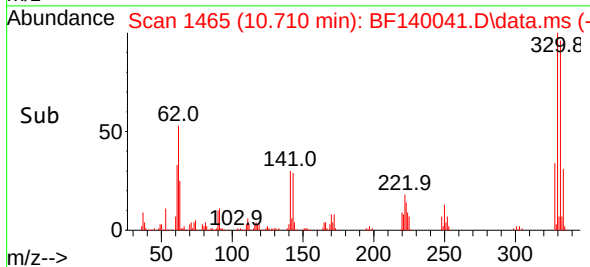
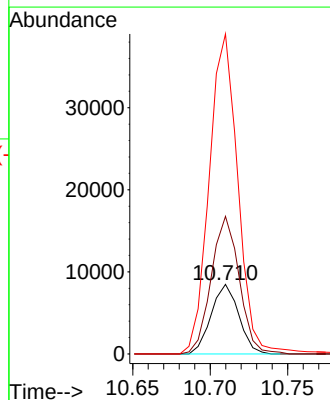
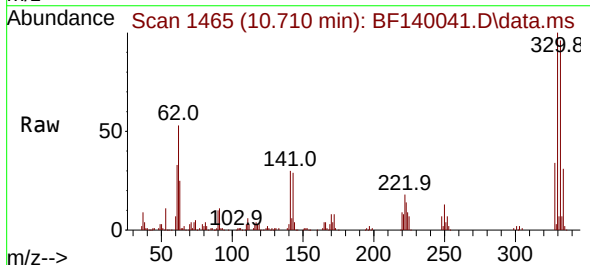
Instrument :
BNA_F
ClientSampleId :
CHVB0783

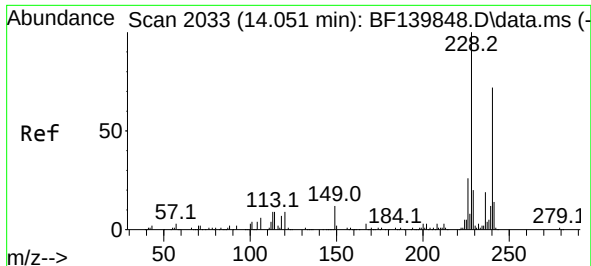
Tgt Ion:188 Resp: 422640
Ion Ratio Lower Upper
188 100
94 9.1 7.9 11.9
80 10.1 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 2.409 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF140041.D
Acq: 25 Oct 2024 16:57

Tgt Ion:248 Resp: 10488
Ion Ratio Lower Upper
248 100
250 197.7 79.0 118.6#
141 459.9 61.7 92.5#

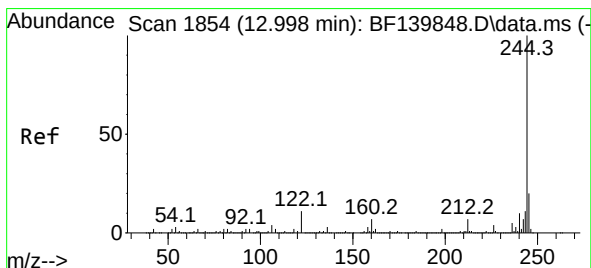
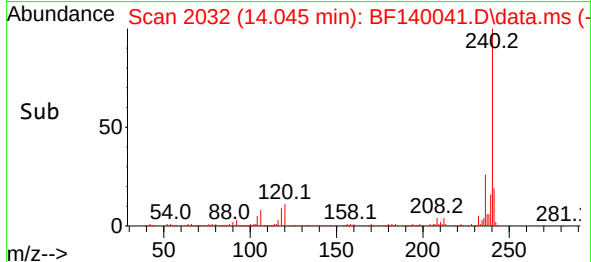
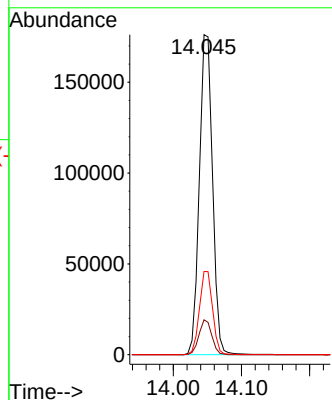
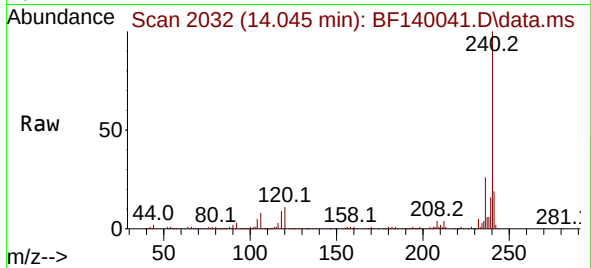




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140041.D
Acq: 25 Oct 2024 16:57

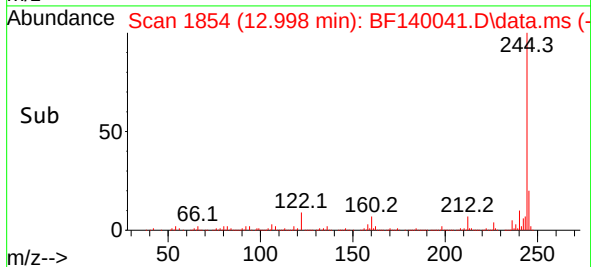
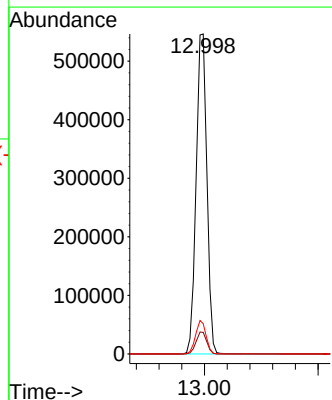
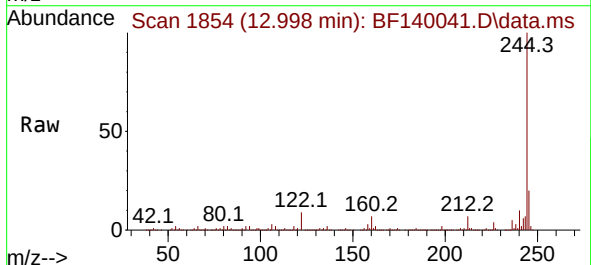
Instrument :
BNA_F
ClientSampleId :
CHVB0783

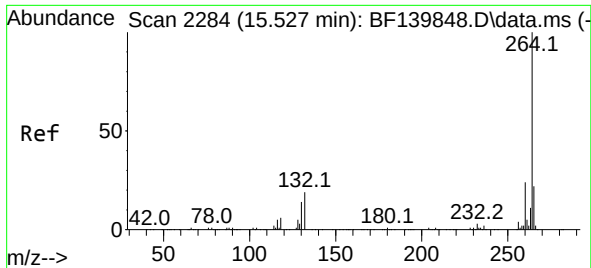
Tgt Ion:240 Resp: 237166
Ion Ratio Lower Upper
240 100
120 10.9 9.4 14.2
236 26.0 20.9 31.3



#79
Terphenyl-d14
Concen: 49.680 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF140041.D
Acq: 25 Oct 2024 16:57

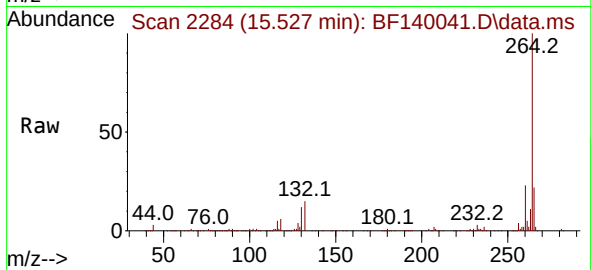
Tgt Ion:244 Resp: 723084
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 9.4 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF140041.D
 Acq: 25 Oct 2024 16:57

Instrument :
 BNA_F
 ClientSampleId :
 CHVB0783



Tgt Ion:264 Resp: 240038
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 21.6 17.4 26.0

