

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
 Data File : BF140467.D
 Acq On : 19 Nov 2024 12:28
 Operator : RC/JU
 Sample : P4870-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-735

Quant Time: Nov 19 12:52:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

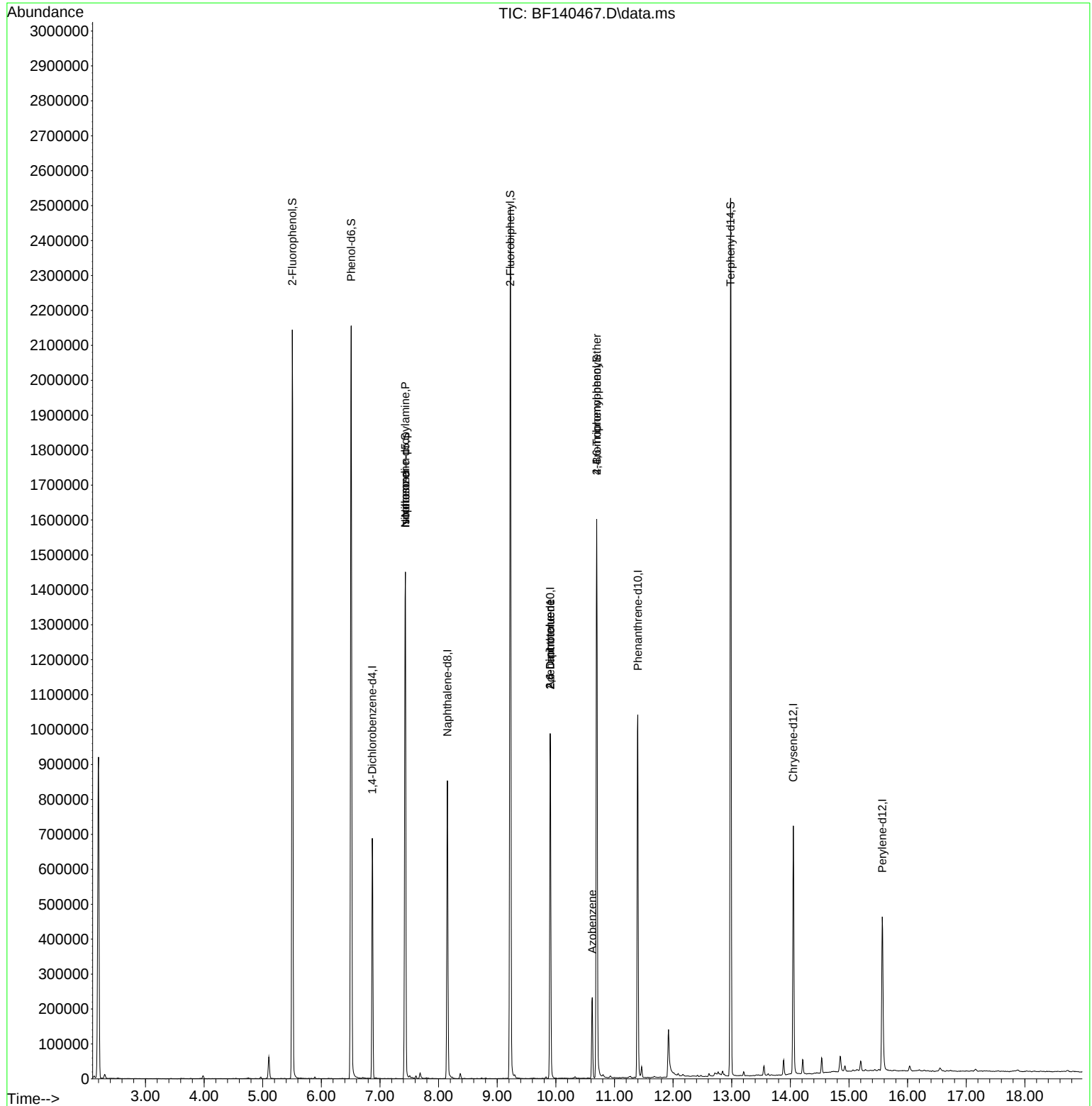
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	145876	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	558091	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	308724	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	584299	20.000	ng	0.00
76) Chrysene-d12	14.051	240	342984	20.000	ng	0.00
86) Perylene-d12	15.568	264	273501	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	810014	94.807	ng	0.01
7) Phenol-d6	6.510	99	1088998	94.078	ng	0.00
23) Nitrobenzene-d5	7.434	82	721857	67.392	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	282832	92.127	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1176308	61.251	ng	-0.01
79) Terphenyl-d14	12.980	244	1246610	63.089	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	95104	13.603	ng	# 76
25) Isophorone	7.434	82	714746	37.650	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	40543	8.838	ng	# 22
57) 2,4-Dinitrotoluene	9.904	165	40544	6.715	ng	# 20
63) Azobenzene	10.622	77	62985	3.098	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	18642	3.192	ng	# 1

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

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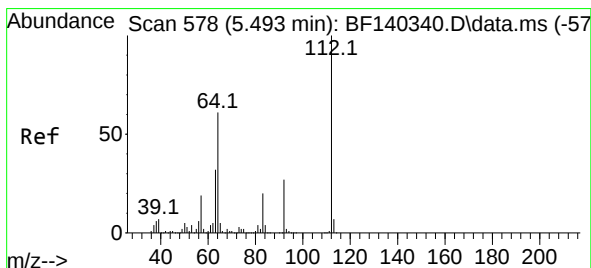
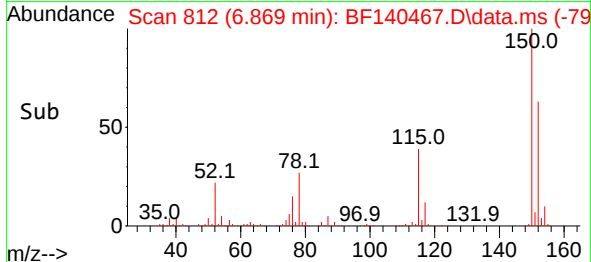
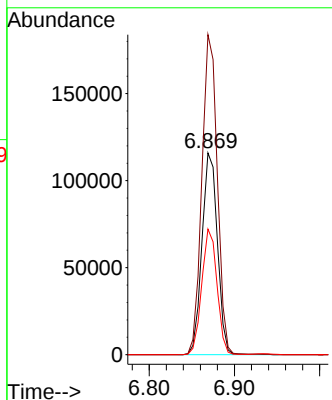
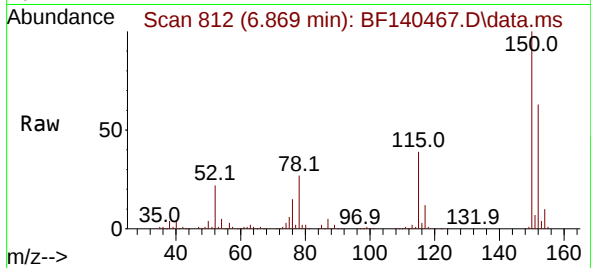




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF140467.D
Acq: 19 Nov 2024 12:28

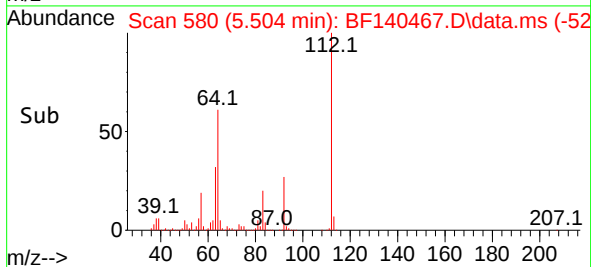
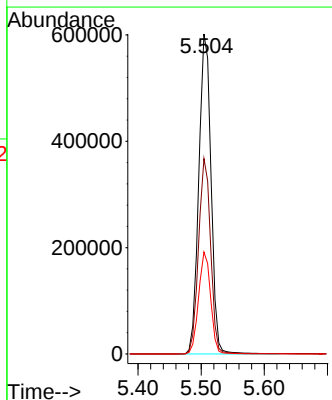
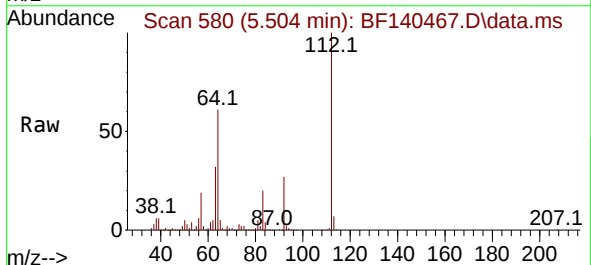
Instrument :
BNA_F
ClientSampleId :
MH-735

Tgt Ion:152 Resp: 145876
Ion Ratio Lower Upper
152 100
150 158.6 127.4 191.0
115 62.2 47.4 71.2



#5
2-Fluorophenol
Concen: 94.807 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140467.D
Acq: 19 Nov 2024 12:28

Tgt Ion:112 Resp: 810014
Ion Ratio Lower Upper
112 100
64 61.0 49.2 73.8
63 31.8 25.6 38.4

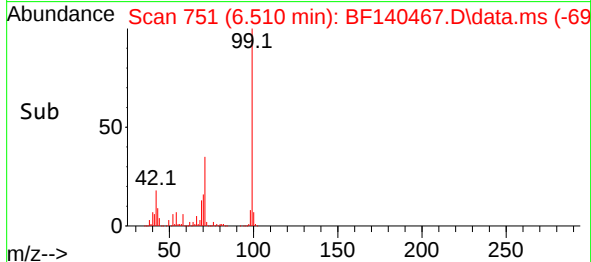
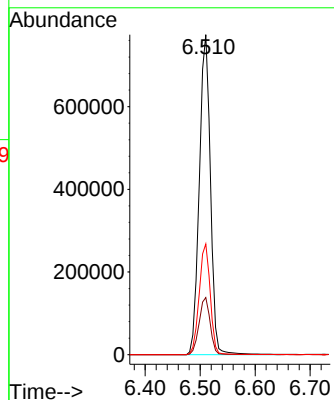
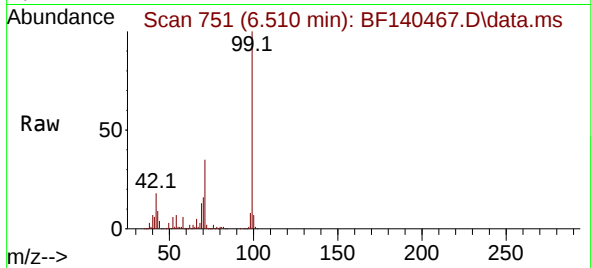




#7
Phenol-d6
Concen: 94.078 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140467.D
Acq: 19 Nov 2024 12:28

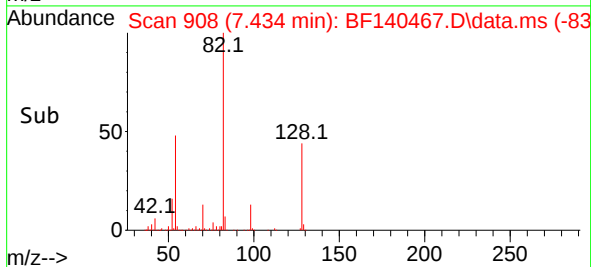
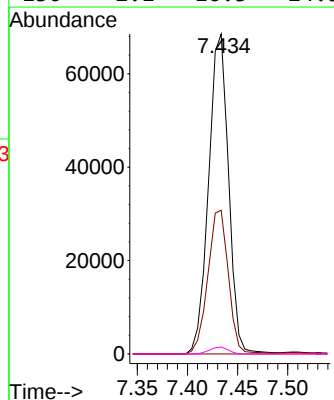
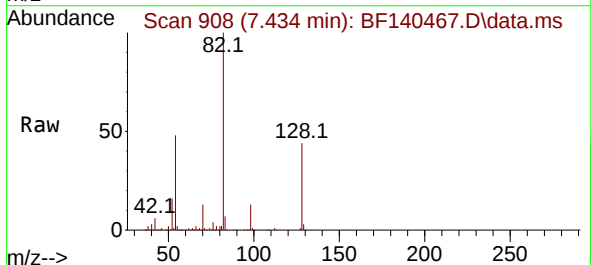
Instrument :
BNA_F
ClientSampleId :
MH-735

Tgt Ion: 99 Resp: 1088998
Ion Ratio Lower Upper
99 100
42 17.8 15.1 22.7
71 34.6 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 13.603 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140467.D
Acq: 19 Nov 2024 12:28

Tgt Ion: 70 Resp: 95104
Ion Ratio Lower Upper
70 100
42 44.9 46.8 70.2#
101 0.0 7.5 11.3#
130 2.1 16.3 24.5#



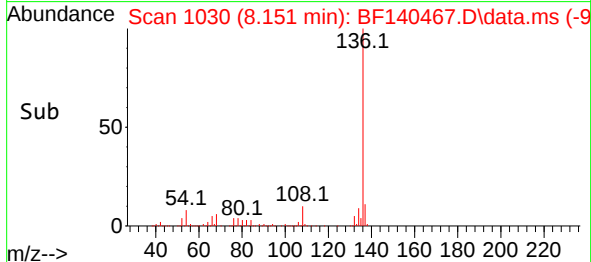
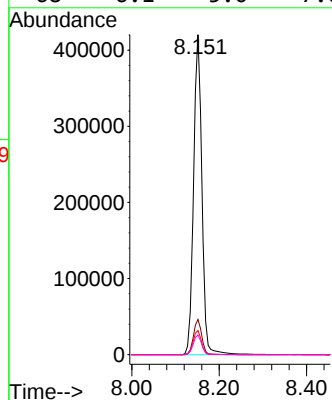
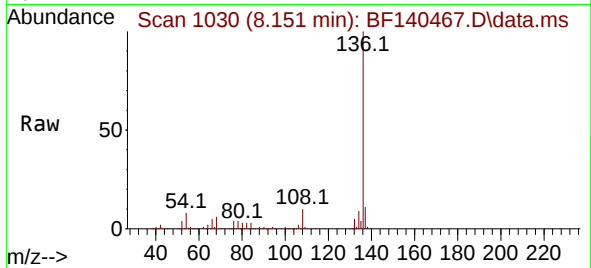


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140467.D
Acq: 19 Nov 2024 12:28

Instrument :
BNA_F
ClientSampleId :
MH-735

Tgt Ion:136 Resp: 558091

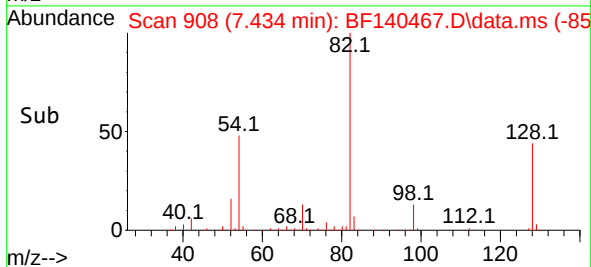
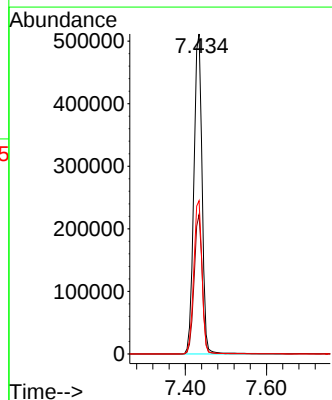
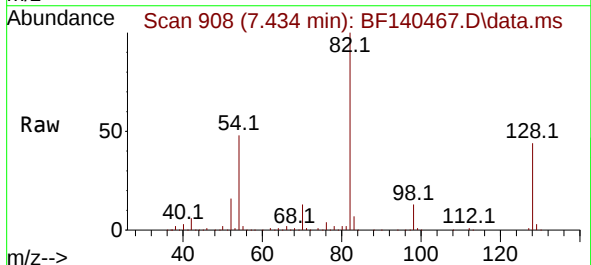
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.6	6.5	9.7
68	6.1	5.0	7.6



#23
Nitrobenzene-d5
Concen: 67.392 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140467.D
Acq: 19 Nov 2024 12:28

Tgt Ion: 82 Resp: 721857

Ion	Ratio	Lower	Upper
82	100		
128	43.5	33.3	49.9
54	47.9	39.8	59.8

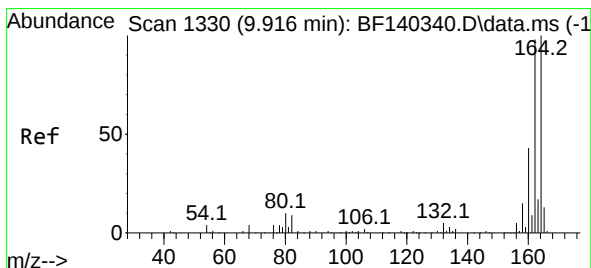
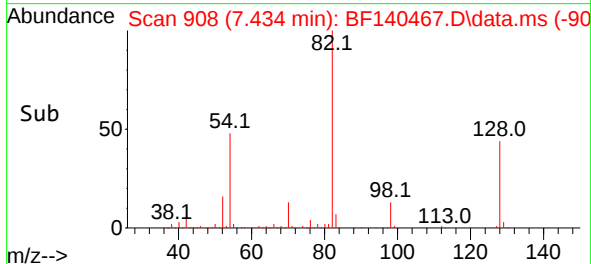
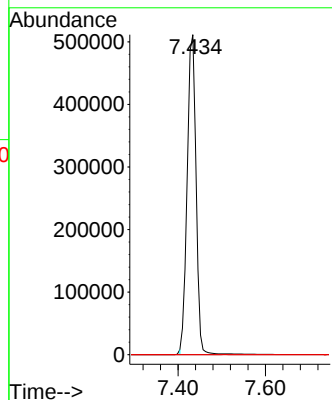
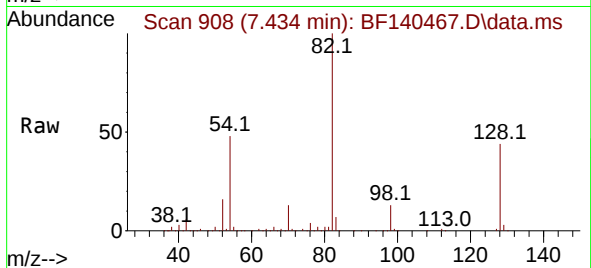




#25
Isophorone
Concen: 37.650 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140467.D
Acq: 19 Nov 2024 12:28

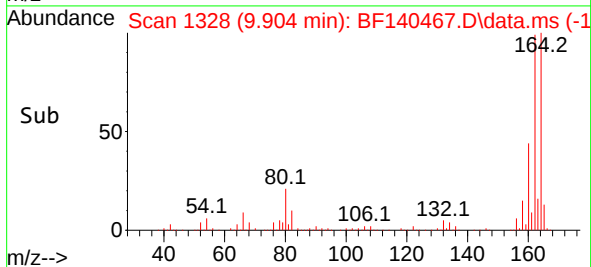
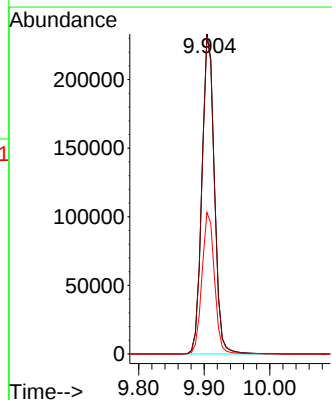
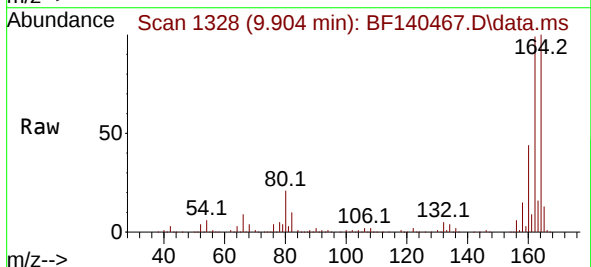
Instrument :
BNA_F
ClientSampleId :
MH-735

Tgt Ion: 82 Resp: 714746
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140467.D
Acq: 19 Nov 2024 12:28

Tgt Ion:164 Resp: 308724
Ion Ratio Lower Upper
164 100
162 99.3 79.8 119.8
160 44.2 35.4 53.0

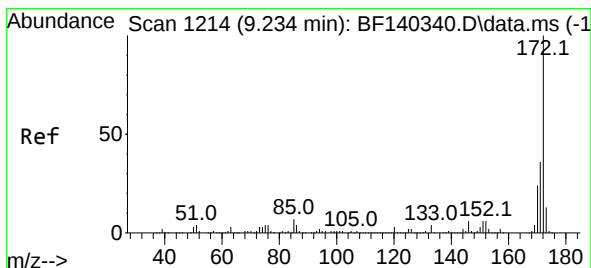
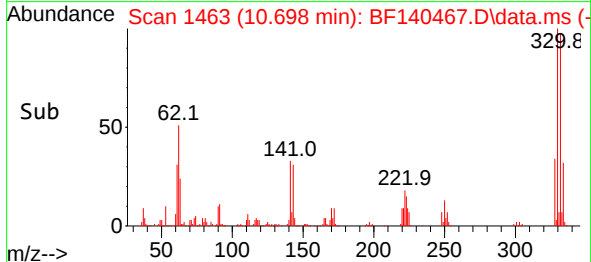
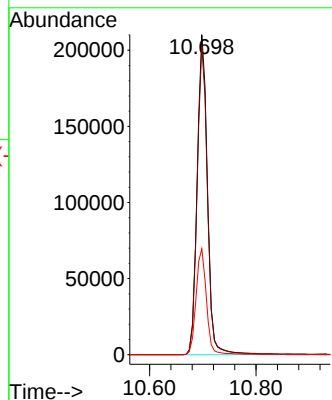
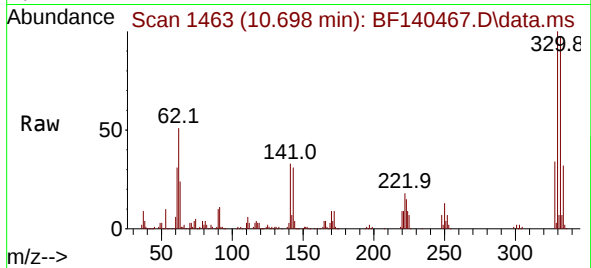




#42
2,4,6-Tribromophenol
Concen: 92.127 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140467.D
Acq: 19 Nov 2024 12:28

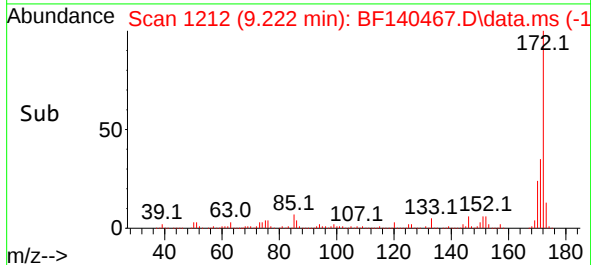
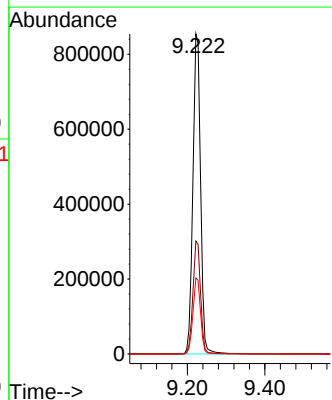
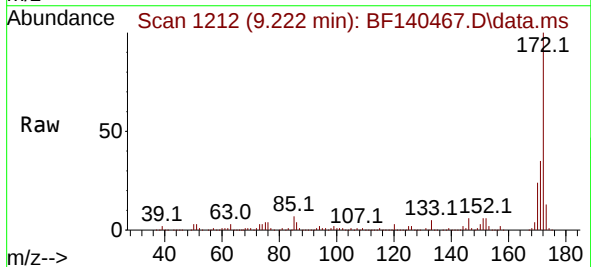
Instrument :
BNA_F
ClientSampleId :
MH-735

Tgt Ion: 330 Resp: 282832
Ion Ratio Lower Upper
330 100
332 96.4 75.9 113.9
141 33.2 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 61.251 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140467.D
Acq: 19 Nov 2024 12:28

Tgt Ion: 172 Resp: 1176308
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.8 19.1 28.7

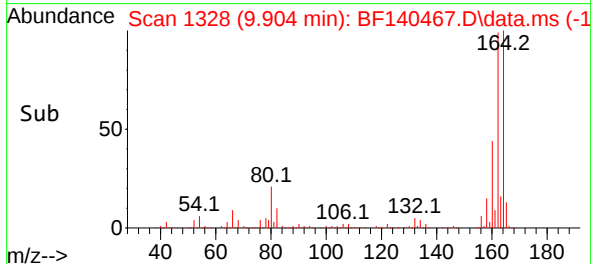
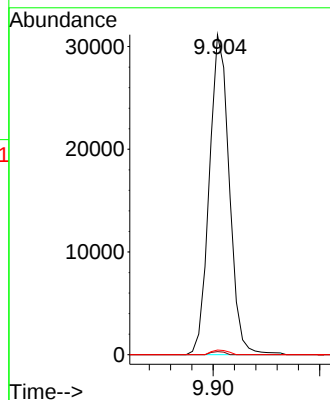
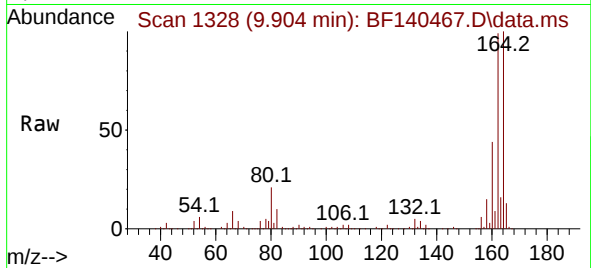




#51
2,6-Dinitrotoluene
Concen: 8.838 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140467.D
Acq: 19 Nov 2024 12:28

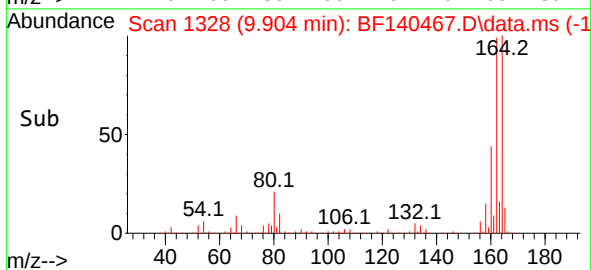
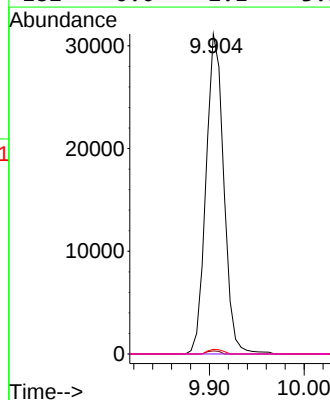
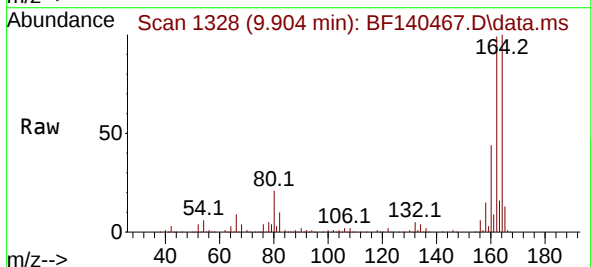
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BNA_F
ClientSampleId :
MH-735

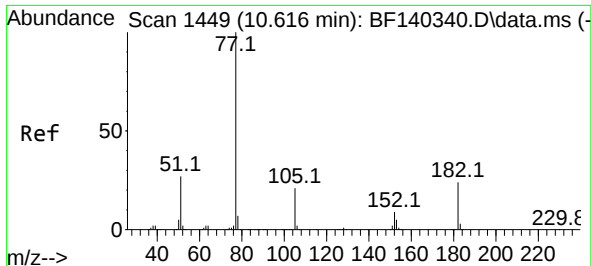
Tgt Ion:165 Resp: 40543
Ion Ratio Lower Upper
165 100
63 0.9 47.6 71.4#
89 1.4 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.715 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140467.D
Acq: 19 Nov 2024 12:28

Tgt Ion:165 Resp: 40544
Ion Ratio Lower Upper
165 100
63 0.9 39.4 59.0#
89 1.4 62.4 93.6#
182 0.0 2.1 3.1#

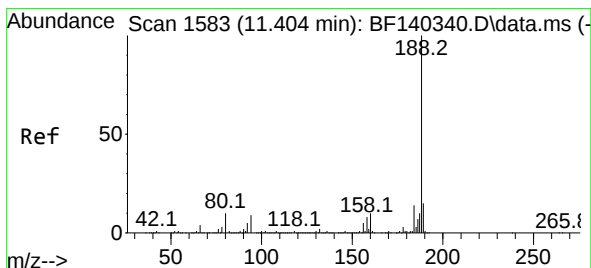
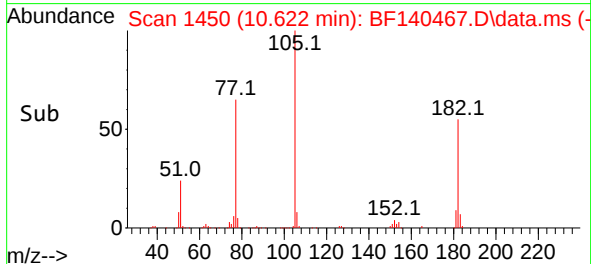
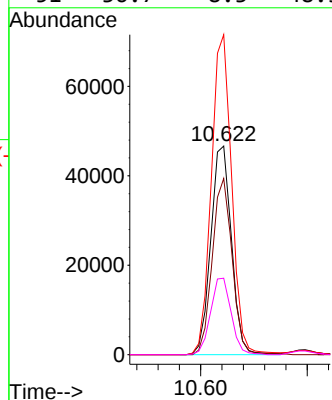
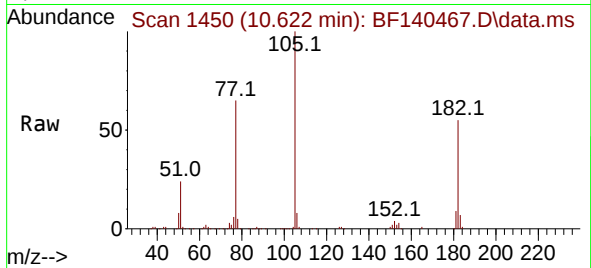




#63
Azobenzene
Concen: 3.098 ng
RT: 10.622 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF140467.D
Acq: 19 Nov 2024 12:28

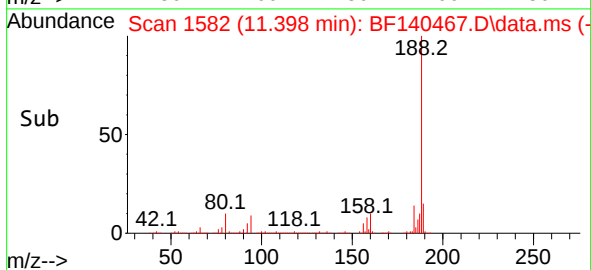
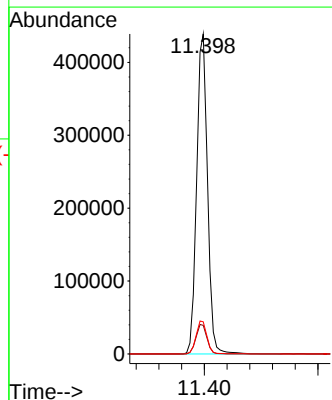
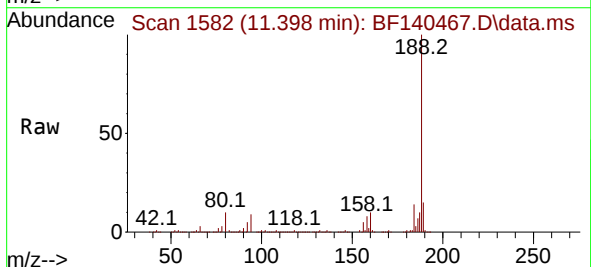
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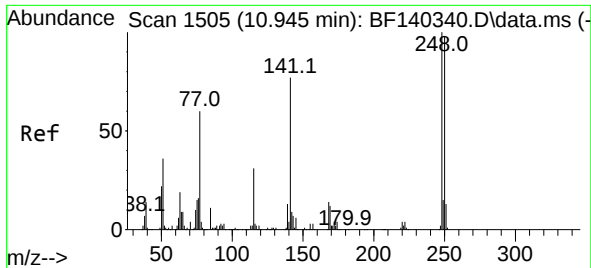
Tgt Ion: 77	Resp: 62985
Ion Ratio	Lower Upper
77 100	
182 84.4	4.6 44.6#
105 153.3	0.9 40.9#
51 36.7	8.3 48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140467.D
Acq: 19 Nov 2024 12:28

Tgt Ion: 188	Resp: 584299
Ion Ratio	Lower Upper
188 100	
94 8.9	7.6 11.4
80 10.1	8.0 12.0

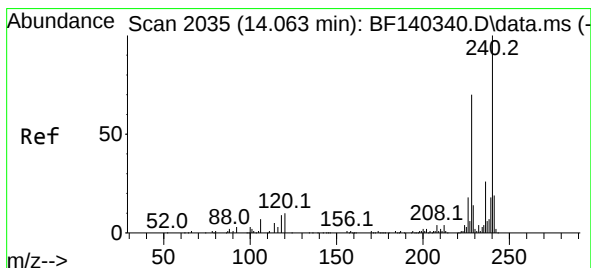
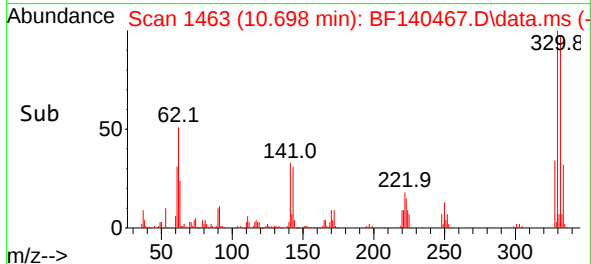
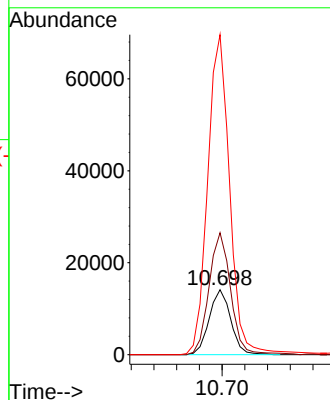
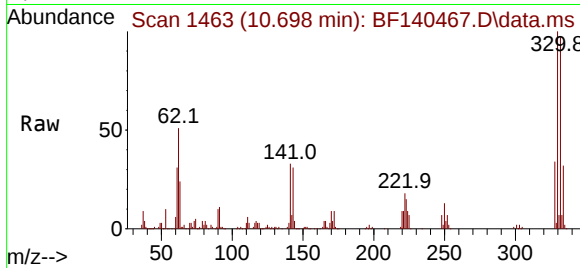




#67
4-Bromophenyl-phenylether
Concen: 3.192 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140467.D
Acq: 19 Nov 2024 12:28

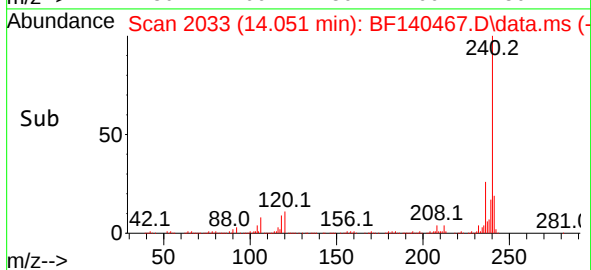
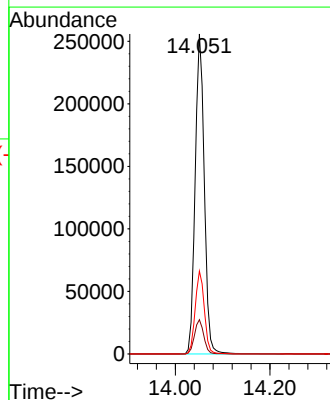
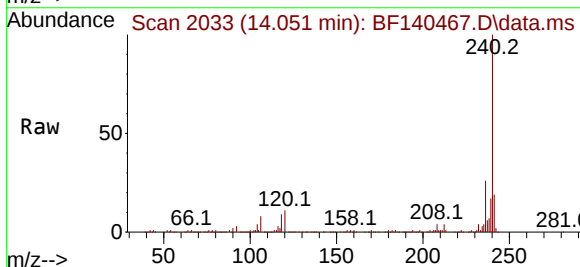
Instrument :
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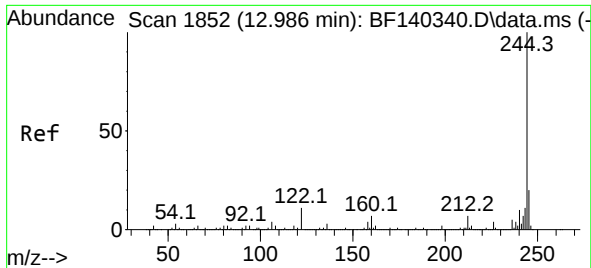
Tgt Ion:248 Resp: 18642
Ion Ratio Lower Upper
248 100
250 187.6 77.9 116.9#
141 492.1 61.8 92.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140467.D
Acq: 19 Nov 2024 12:28

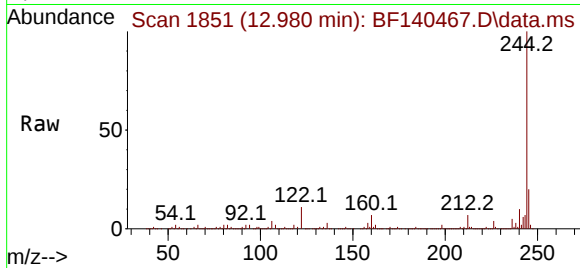
Tgt Ion:240 Resp: 342984
Ion Ratio Lower Upper
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120 10.7 8.8 13.2
236 25.9 20.9 31.3



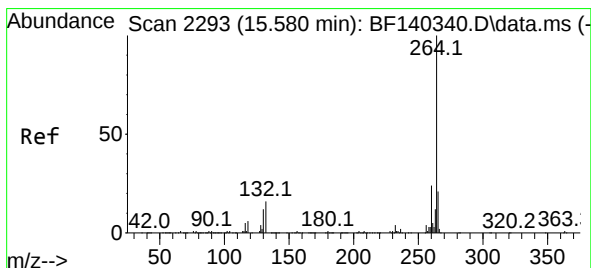
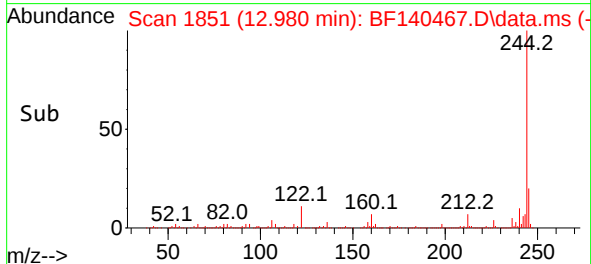
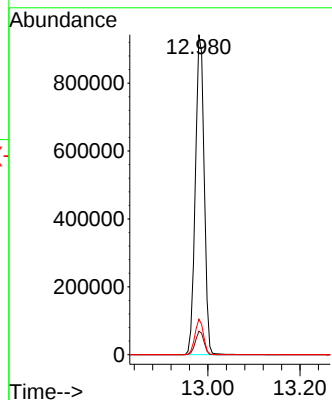


#79
Terphenyl-d14
Concen: 63.089 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF140467.D
Acq: 19 Nov 2024 12:28

Instrument :
BNA_F
ClientSampleId :
MH-735



Tgt Ion:244 Resp: 1246610
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 11.1 8.8 13.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2291
Delta R.T. 0.012 min
Lab File: BF140467.D
Acq: 19 Nov 2024 12:28

Tgt Ion:264 Resp: 273501
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.0 17.1 25.7

