

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140787.D
 Acq On : 09 Dec 2024 14:05
 Operator : RC/JU
 Sample : PB165435BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165435BL

Quant Time: Dec 09 15:59:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

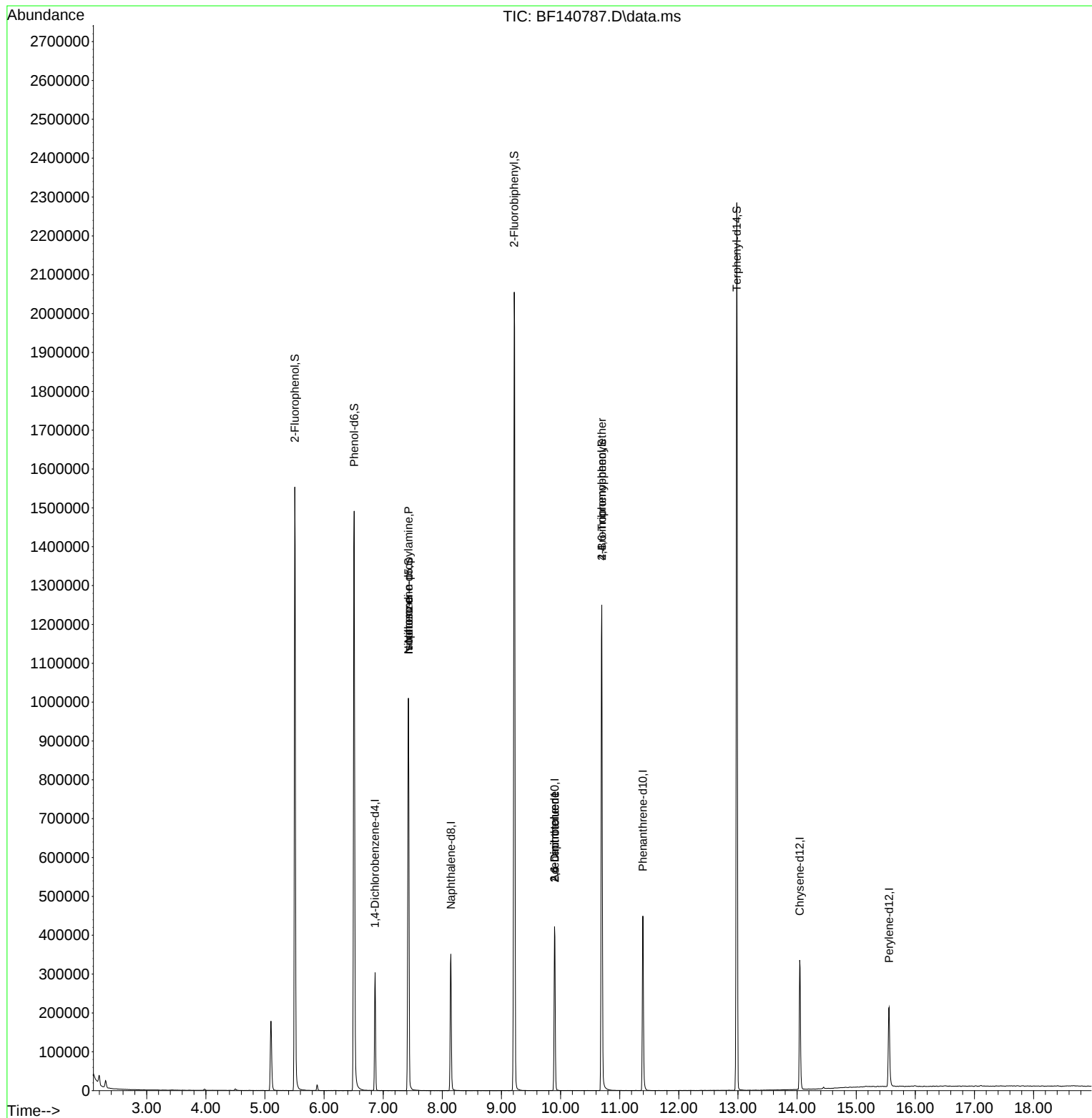
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	64208	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	244060	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	138194	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	265718	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	179670	20.000	ng	0.00
86) Perylene-d12	15.557	264	141543	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	597910	158.884	ng	0.00
7) Phenol-d6	6.510	99	765087	153.785	ng	0.00
23) Nitrobenzene-d5	7.428	82	492946	103.312	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	234279	158.511	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	990114	106.749	ng	-0.02
79) Terphenyl-d14	12.980	244	1142812	99.043	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	67071	22.811	ng	# 76
25) Isophorone	7.428	82	488837	61.424	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	17081	8.275	ng	# 20
57) 2,4-Dinitrotoluene	9.898	165	17081	6.226	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	15196	5.553	ng	# 1

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

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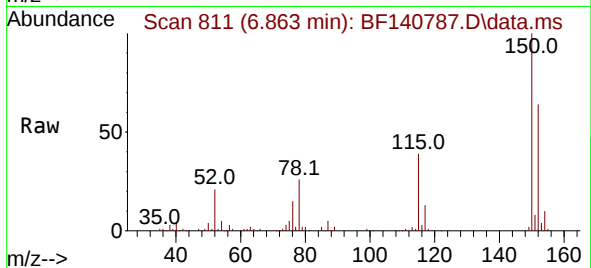
Quant Time: Dec 09 15:59:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration



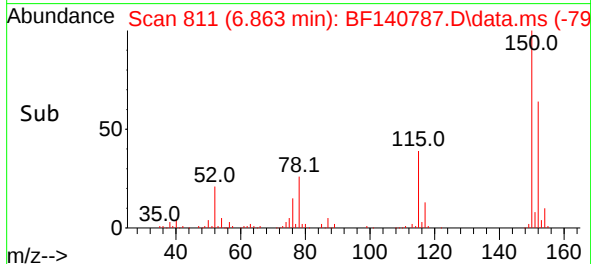
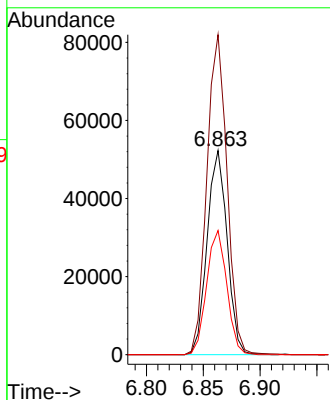


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140787.D
Acq: 09 Dec 2024 14:05

Instrument :
BNA_F
ClientSampleId :
PB165435BL

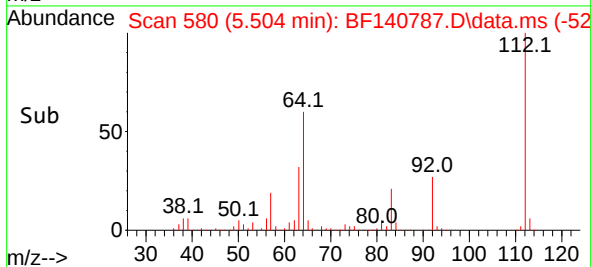
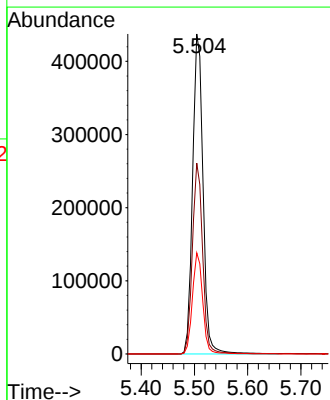
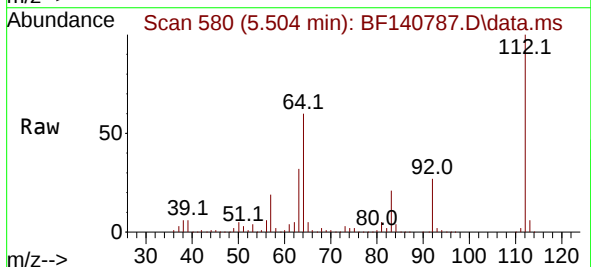


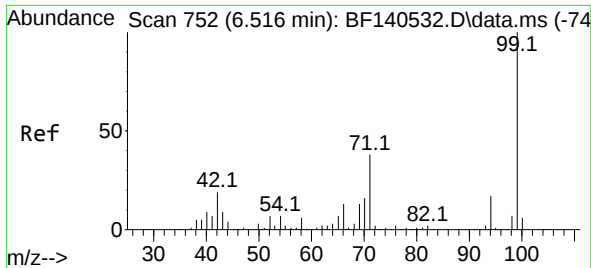
Tgt Ion:152 Resp: 64208
Ion Ratio Lower Upper
152 100
150 156.7 128.5 192.7
115 60.8 50.2 75.4



#5
2-Fluorophenol
Concen: 158.884 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140787.D
Acq: 09 Dec 2024 14:05

Tgt Ion:112 Resp: 597910
Ion Ratio Lower Upper
112 100
64 59.6 49.2 73.8
63 31.6 27.0 40.4

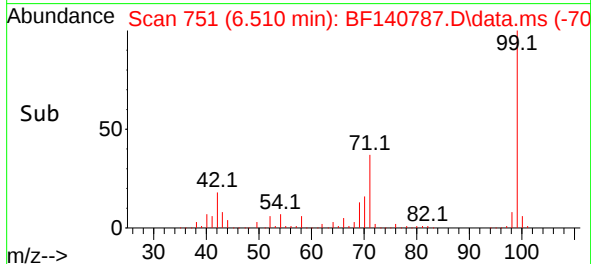
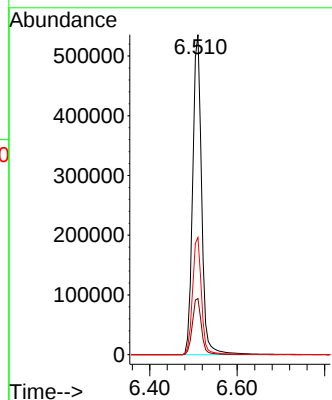
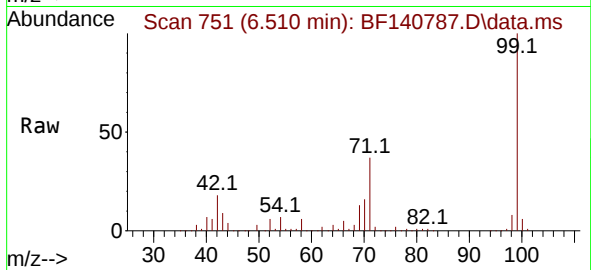




#7
Phenol-d6
Concen: 153.785 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140787.D
Acq: 09 Dec 2024 14:05

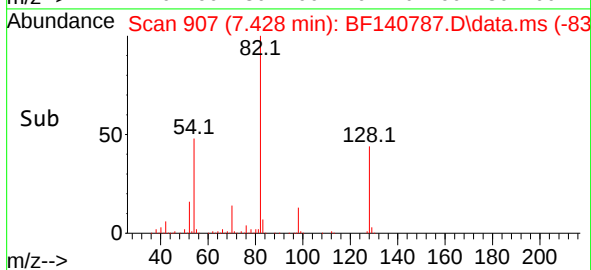
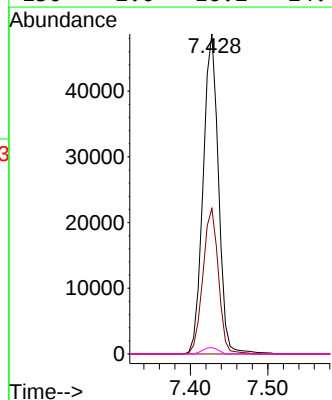
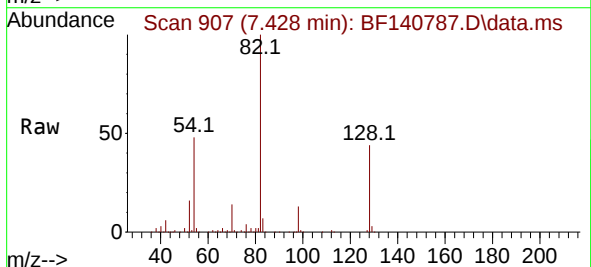
Instrument :
BNA_F
ClientSampleId :
PB165435BL

Tgt Ion: 99 Resp: 765087
Ion Ratio Lower Upper
99 100
42 17.5 15.4 23.0
71 36.6 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 22.811 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140787.D
Acq: 09 Dec 2024 14:05

Tgt Ion: 70 Resp: 67071
Ion Ratio Lower Upper
70 100
42 45.5 47.6 71.4#
101 0.0 7.6 11.4#
130 2.0 16.2 24.4#

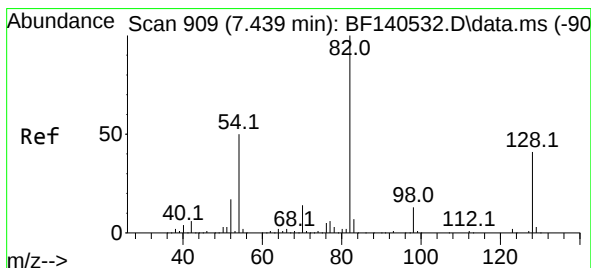
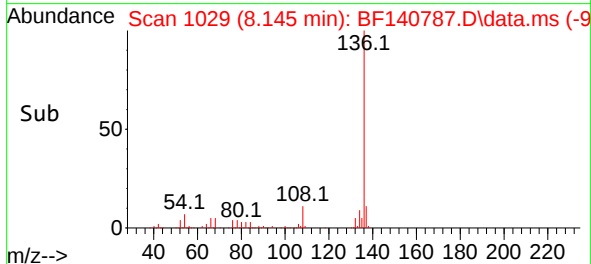
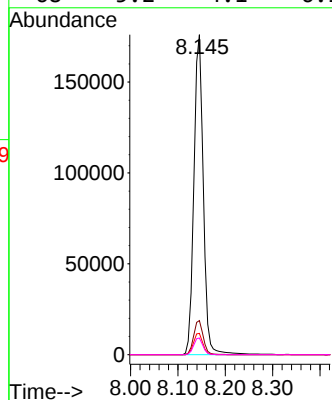
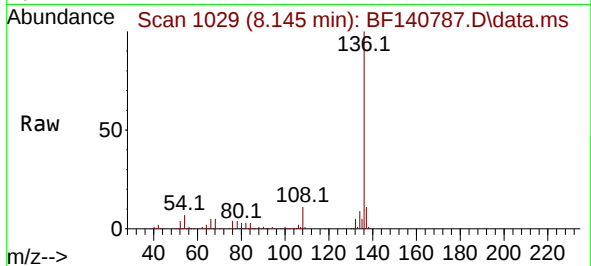




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF140787.D
Acq: 09 Dec 2024 14:05

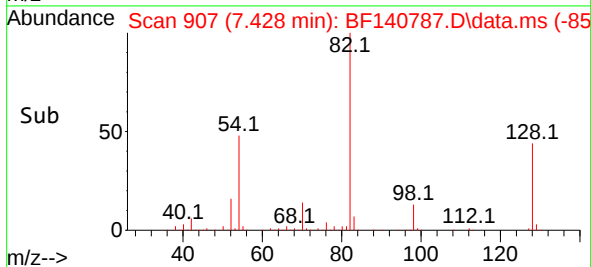
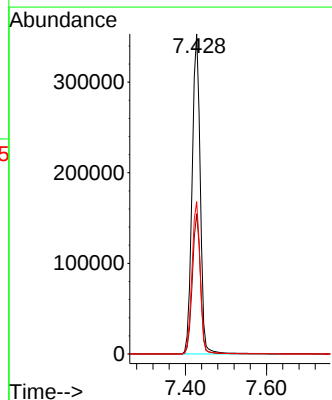
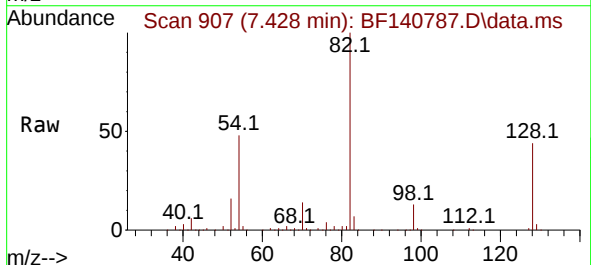
Instrument :
BNA_F
ClientSampleId :
PB165435BL

Tgt Ion:136 Resp: 244060
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 6.6 5.8 8.8
68 5.2 4.1 6.1



#23
Nitrobenzene-d5
Concen: 103.312 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140787.D
Acq: 09 Dec 2024 14:05

Tgt Ion: 82 Resp: 492946
Ion Ratio Lower Upper
82 100
128 43.8 33.0 49.4
54 47.6 39.5 59.3

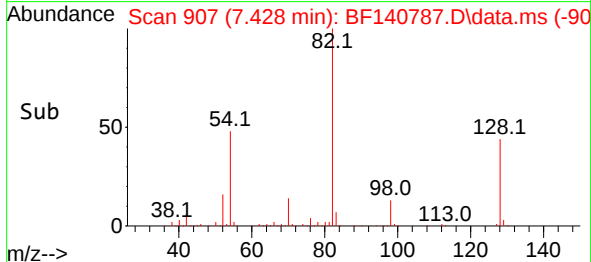
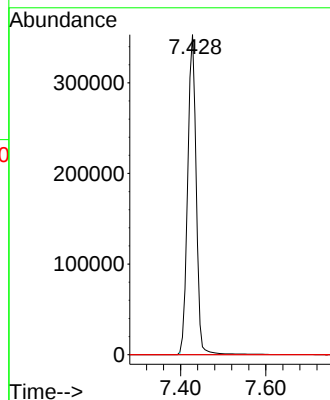
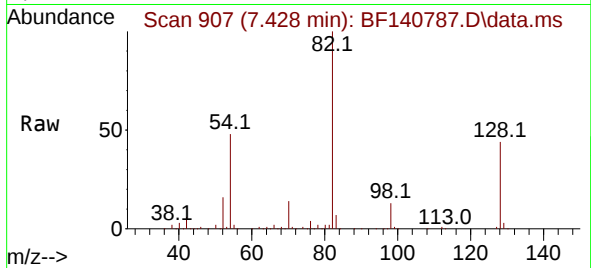




#25
Isophorone
Concen: 61.424 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140787.D
Acq: 09 Dec 2024 14:05

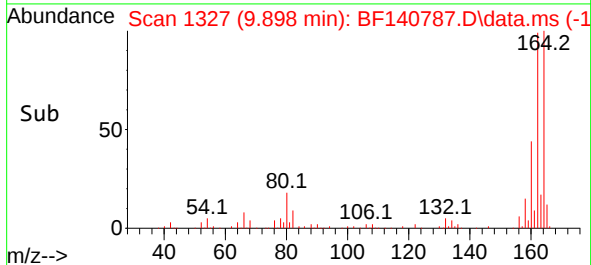
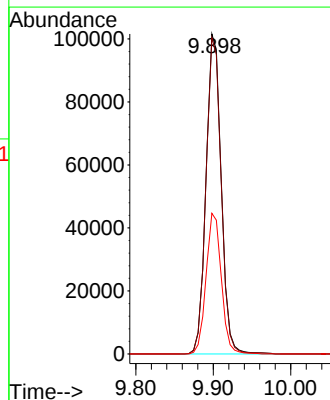
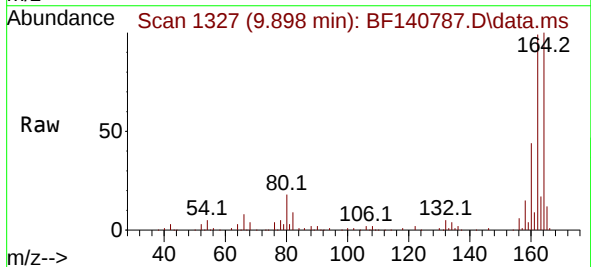
Instrument :
BNA_F
ClientSampleId :
PB165435BL

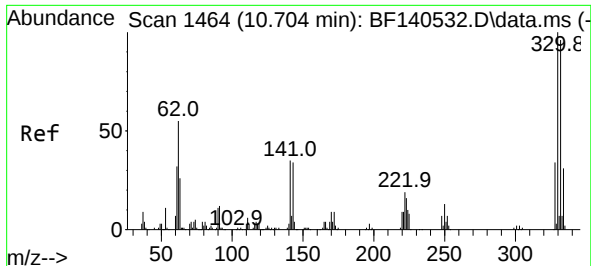
Tgt Ion: 82 Resp: 488837
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF140787.D
Acq: 09 Dec 2024 14:05

Tgt Ion: 164 Resp: 138194
Ion Ratio Lower Upper
164 100
162 98.7 80.6 120.8
160 44.0 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 158.511 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140787.D

Acq: 09 Dec 2024 14:05

Instrument :

BNA_F

ClientSampleId :

PB165435BL

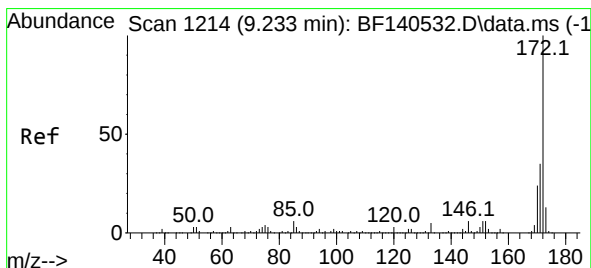
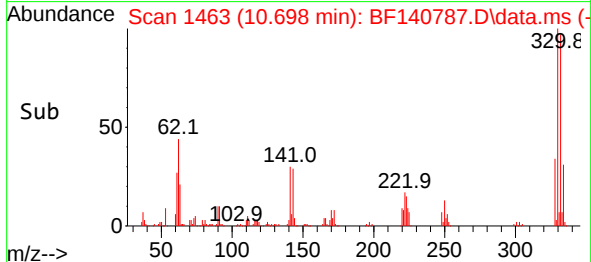
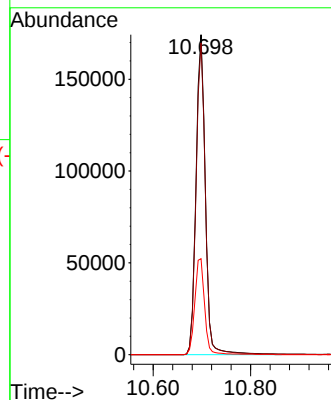
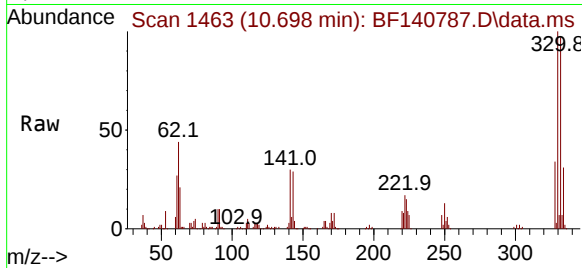
Tgt Ion:330 Resp: 234279

Ion Ratio Lower Upper

330 100

332 97.2 76.9 115.3

141 31.6 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 106.749 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.018 min

Lab File: BF140787.D

Acq: 09 Dec 2024 14:05

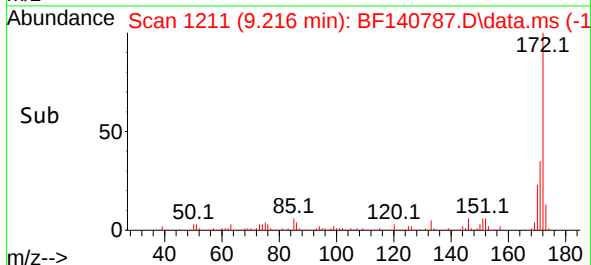
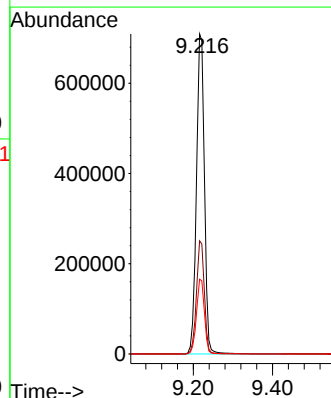
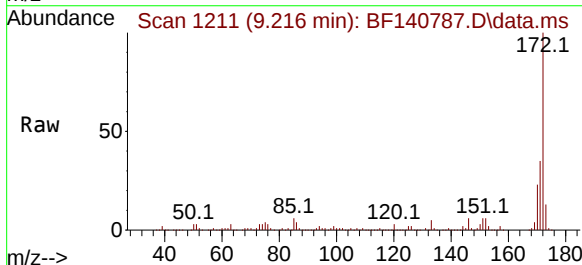
Tgt Ion:172 Resp: 990114

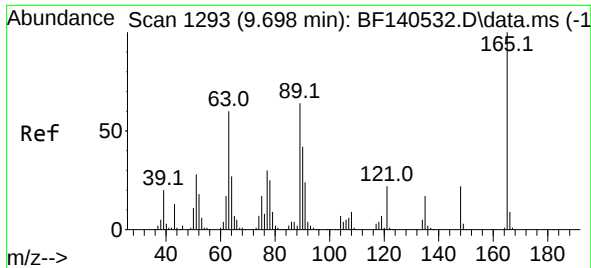
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.4 19.0 28.6

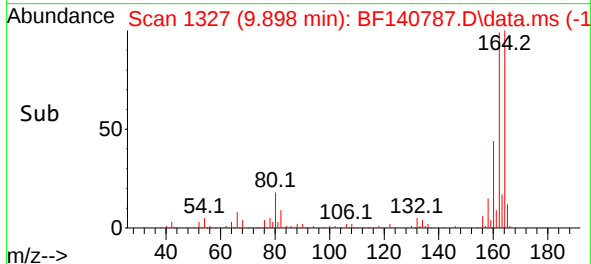
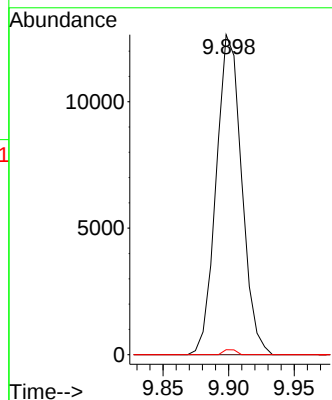
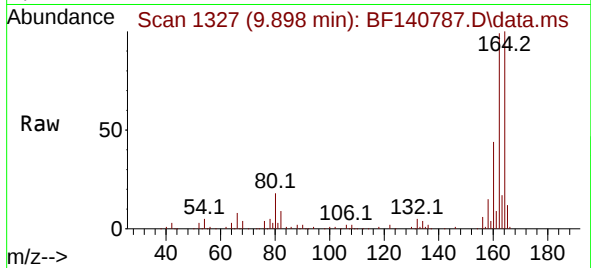




#51
2,6-Dinitrotoluene
Concen: 8.275 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF140787.D
Acq: 09 Dec 2024 14:05

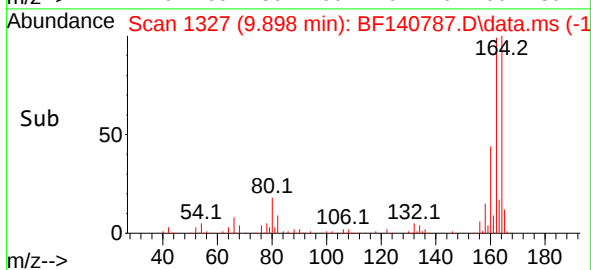
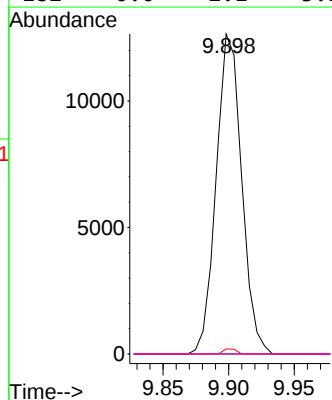
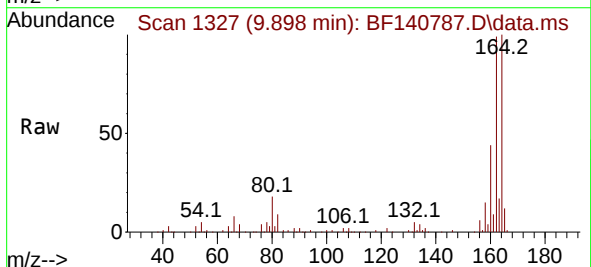
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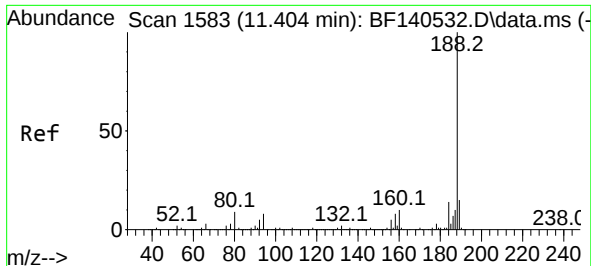
Tgt Ion:165 Resp: 17081
Ion Ratio Lower Upper
165 100
63 0.0 49.9 74.9#
89 1.6 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.226 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.206 min
Lab File: BF140787.D
Acq: 09 Dec 2024 14:05

Tgt Ion:165 Resp: 17081
Ion Ratio Lower Upper
165 100
63 0.0 41.7 62.5#
89 1.6 65.8 98.8#
182 0.0 2.1 3.1#

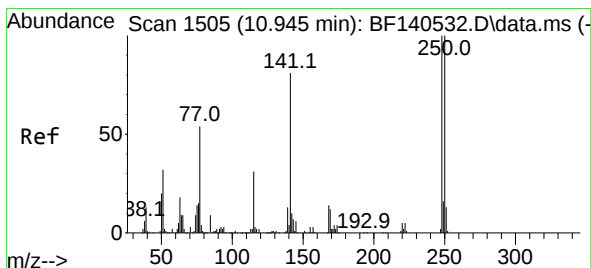
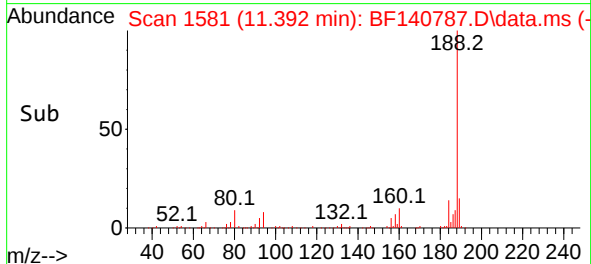
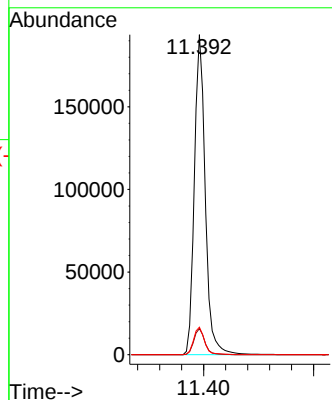
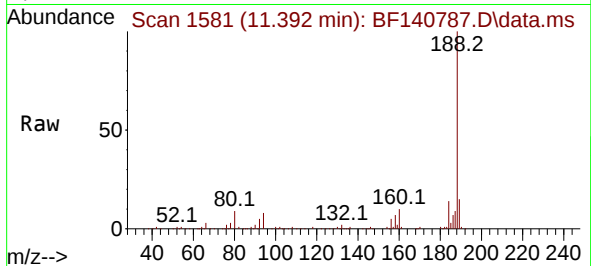




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140787.D
Acq: 09 Dec 2024 14:05

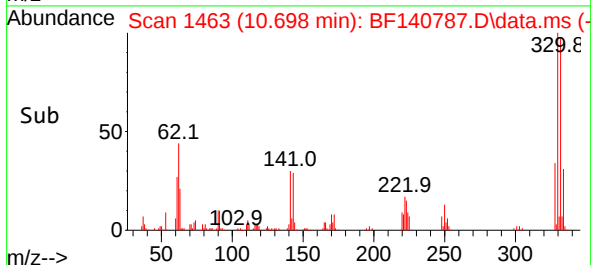
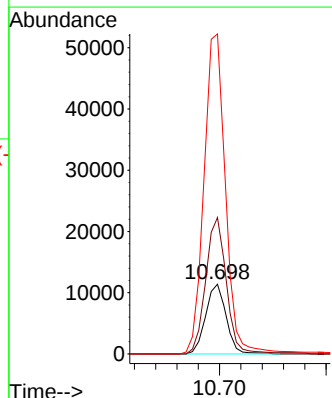
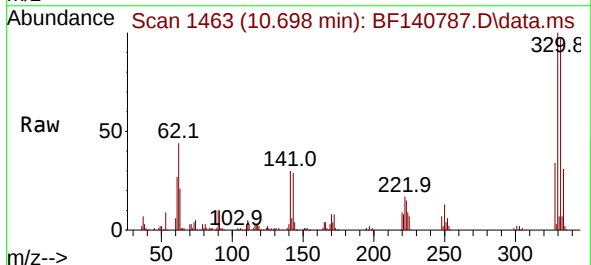
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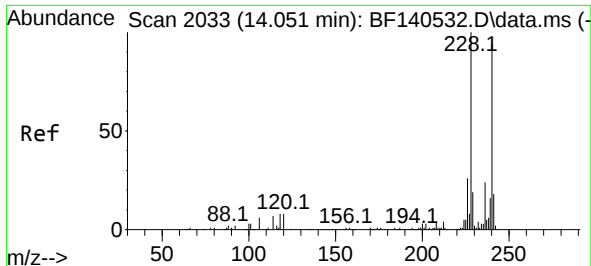
Tgt Ion:188 Resp: 265718
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 8.6 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 5.553 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF140787.D
Acq: 09 Dec 2024 14:05

Tgt Ion:248 Resp: 15196
Ion Ratio Lower Upper
248 100
250 195.7 79.8 119.8#
141 459.0 64.7 97.1#

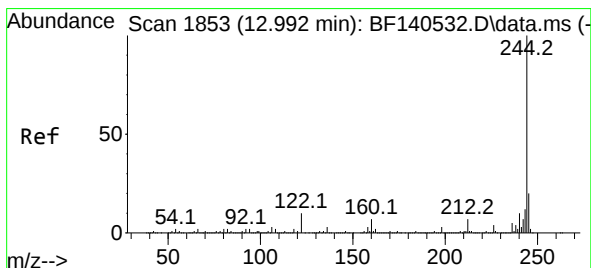
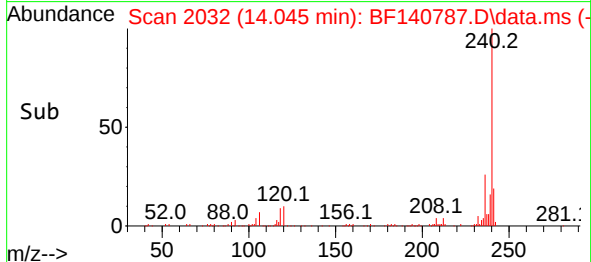
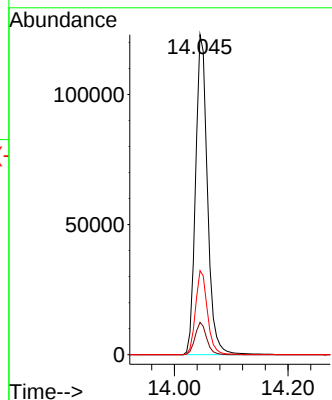
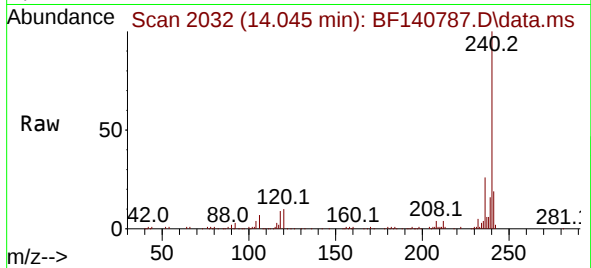




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF140787.D
Acq: 09 Dec 2024 14:05

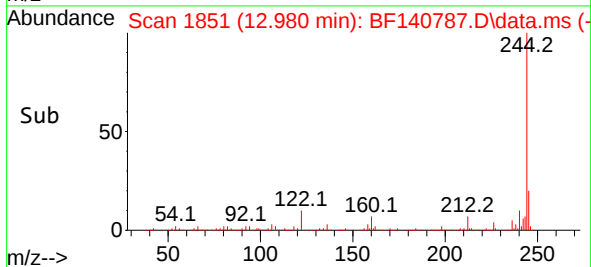
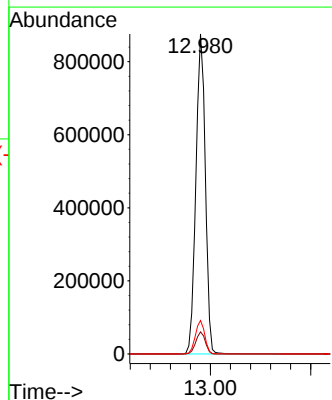
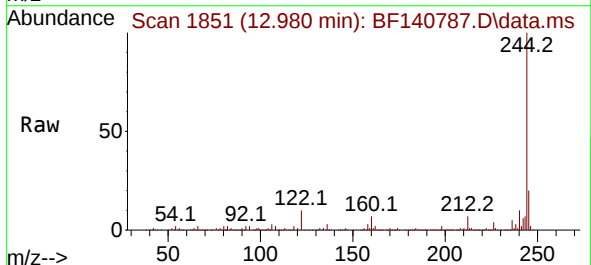
Instrument :
BNA_F
ClientSampleId :
PB165435BL

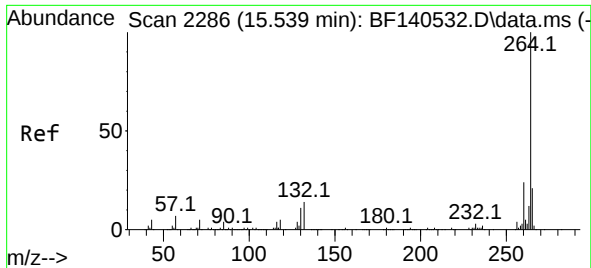
Tgt Ion:240 Resp: 179670
Ion Ratio Lower Upper
240 100
120 10.1 7.3 10.9
236 26.3 20.6 31.0



#79
Terphenyl-d14
Concen: 99.043 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140787.D
Acq: 09 Dec 2024 14:05

Tgt Ion:244 Resp: 1142812
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 10.5 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF140787.D
 Acq: 09 Dec 2024 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB165435BL

Tgt Ion:264 Resp: 141543
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 21.1 16.6 25.0

