

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071124\
 Data File : BF138525.D
 Acq On : 11 Jul 2024 16:12
 Operator : CG\JU
 Sample : P3184-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP(00187-00189-00186)

Quant Time: Jul 11 16:37:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

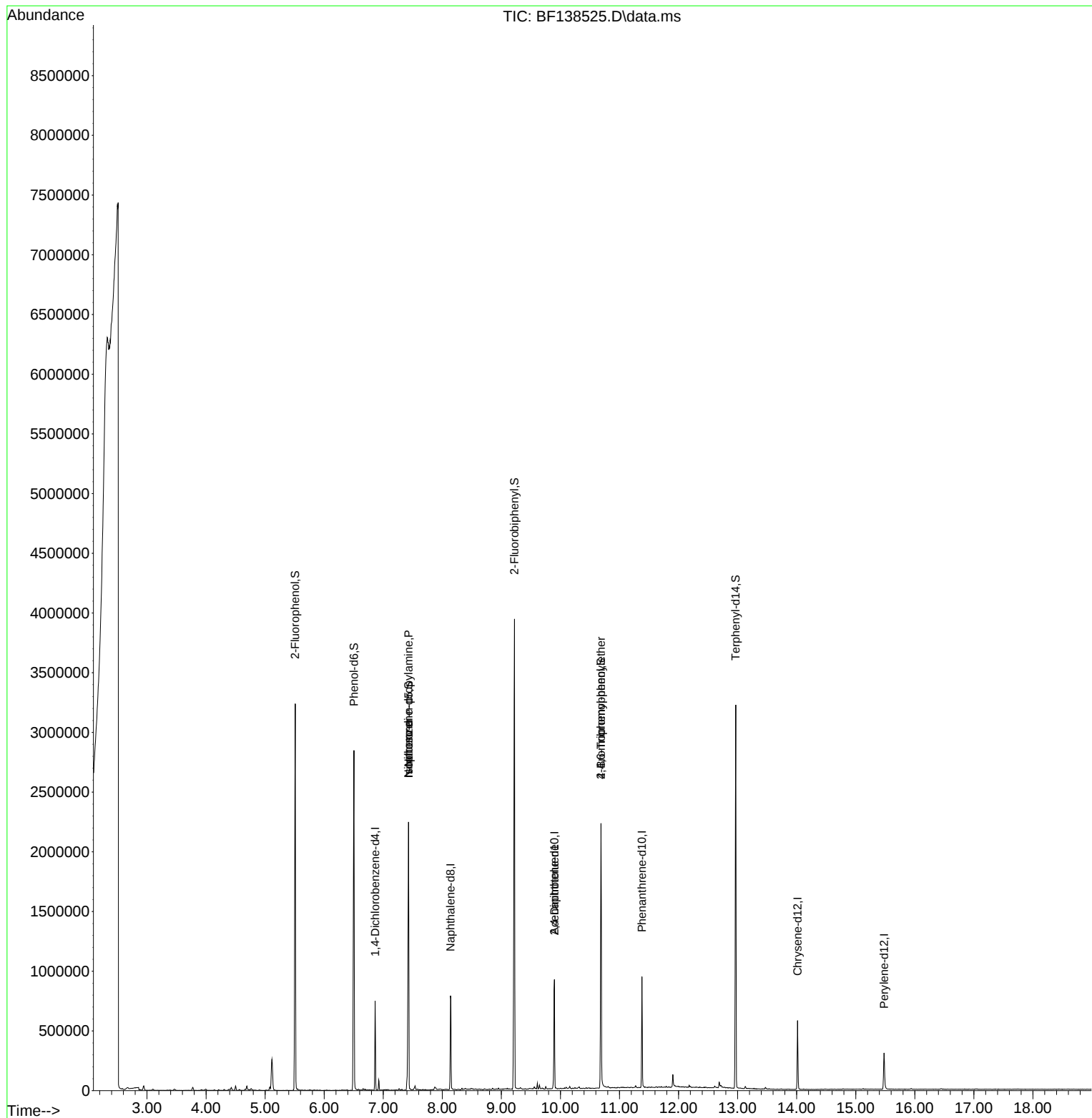
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	87923	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	353016	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	194613	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	300152	20.000	ng	0.00
76) Chrysene-d12	14.016	240	170653	20.000	ng	-0.01
86) Perylene-d12	15.480	264	145695	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	773881	139.399	ng	0.02
7) Phenol-d6	6.504	99	928716	125.754	ng	0.00
23) Nitrobenzene-d5	7.428	82	730843	101.646	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	255714	140.591	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1263004	101.430	ng	0.00
79) Terphenyl-d14	12.969	244	1054011	100.620	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	100359	21.992	ng	Qvalue # 73
25) Isophorone	7.428	82	730971	59.200	ng	# 67
57) 2,4-Dinitrotoluene	9.898	165	26882	7.171	ng	# 19
67) 4-Bromophenyl-phenylether	10.686	248	17287	5.604	ng	# 1

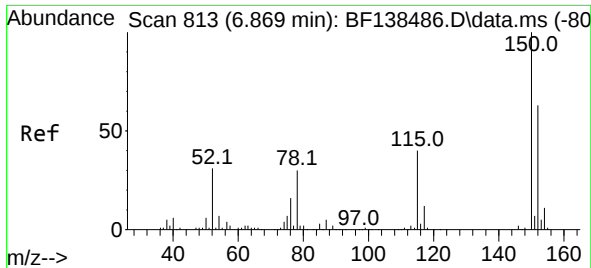
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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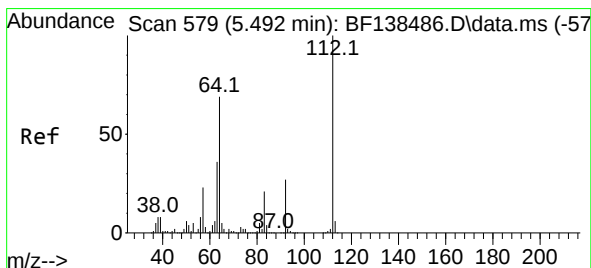
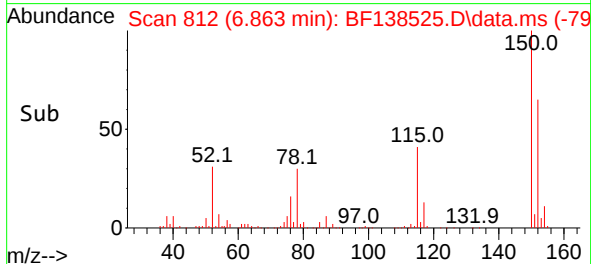
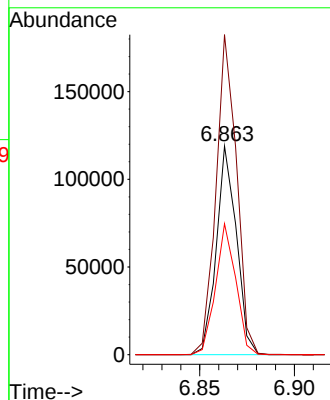
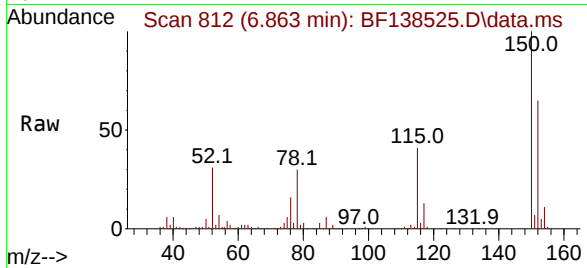




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138525.D
Acq: 11 Jul 2024 16:12

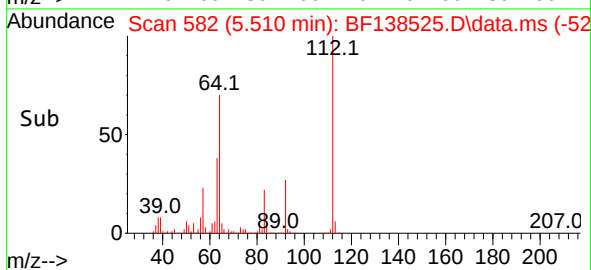
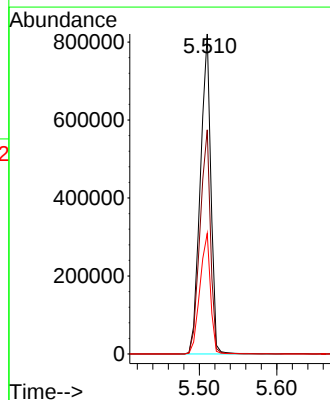
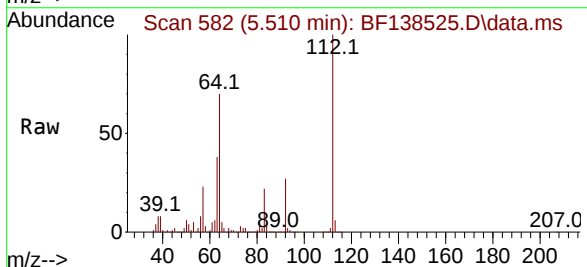
Instrument :
BNA_F
ClientSampleId :
COMP(00187-00189-00186)

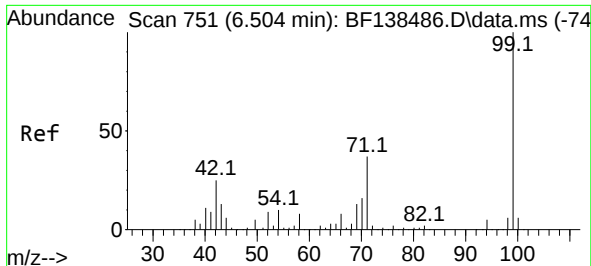
Tgt Ion:152 Resp: 87923
Ion Ratio Lower Upper
152 100
150 153.4 126.2 189.4
115 62.7 50.3 75.5



#5
2-Fluorophenol
Concen: 139.399 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF138525.D
Acq: 11 Jul 2024 16:12

Tgt Ion:112 Resp: 773881
Ion Ratio Lower Upper
112 100
64 70.0 55.1 82.7
63 37.6 29.0 43.6

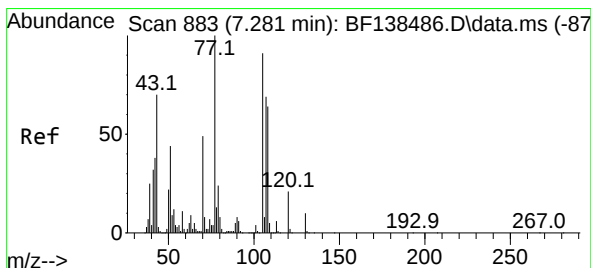
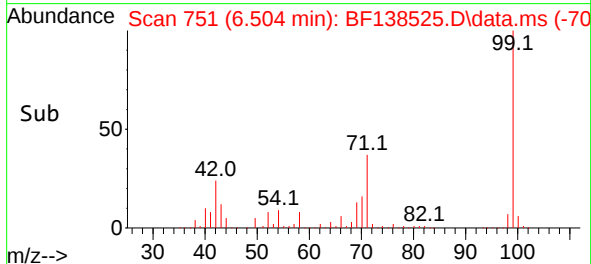
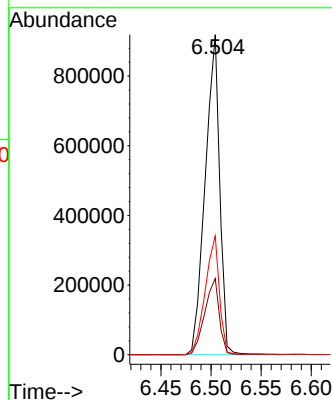
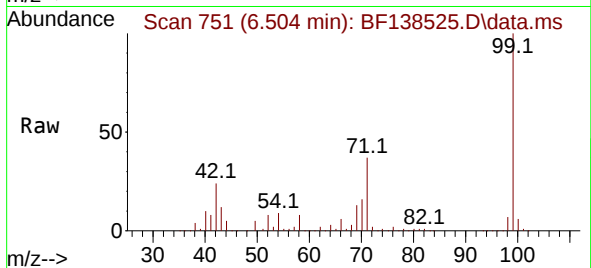




#7
Phenol-d6
Concen: 125.754 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138525.D
Acq: 11 Jul 2024 16:12

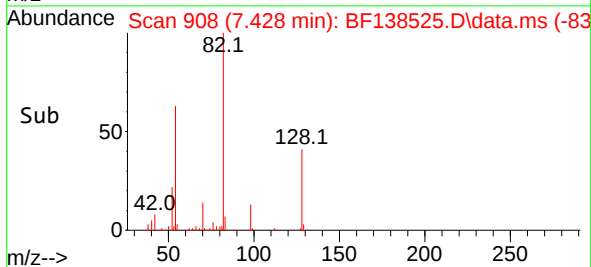
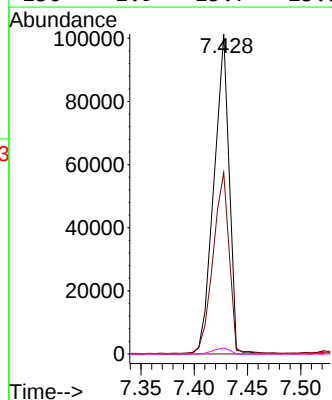
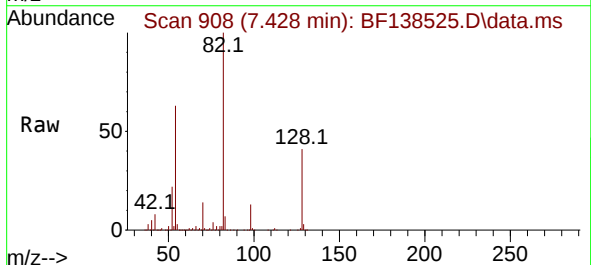
Instrument :
BNA_F
ClientSampleId :
COMP(00187-00189-00186)

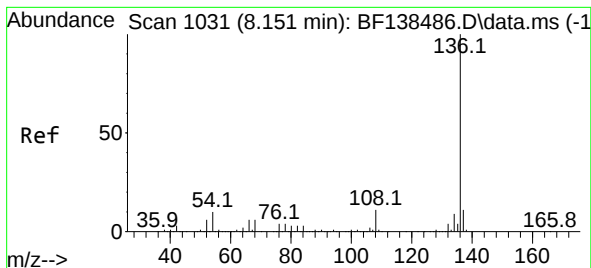
Tgt Ion: 99 Resp: 928716
Ion Ratio Lower Upper
99 100
42 23.8 19.7 29.5
71 37.1 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 21.992 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF138525.D
Acq: 11 Jul 2024 16:12

Tgt Ion: 70 Resp: 100359
Ion Ratio Lower Upper
70 100
42 56.7 62.4 93.6#
101 0.0 7.2 10.8#
130 1.9 15.7 23.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.139 min Scan# 1029

Delta R.T. -0.012 min

Lab File: BF138525.D

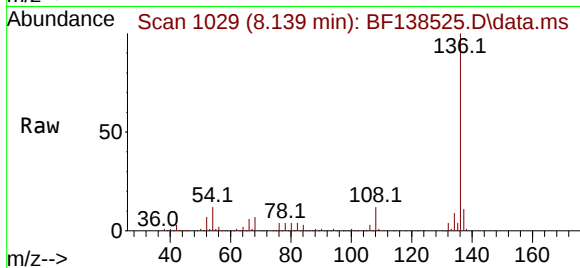
Acq: 11 Jul 2024 16:12

Instrument :

BNA_F

ClientSampleId :

COMP(00187-00189-00186)



Tgt Ion:136 Resp: 353016

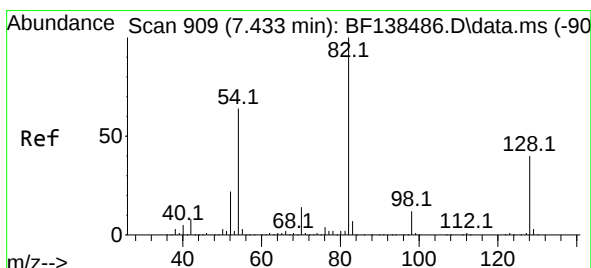
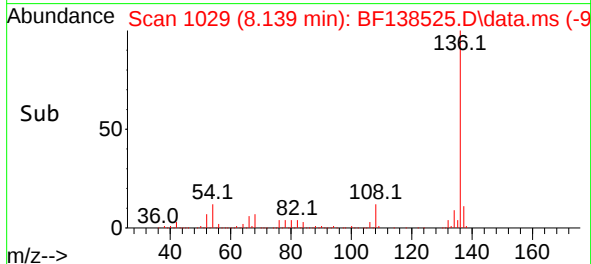
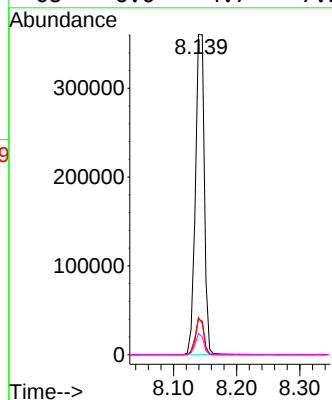
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 11.6 8.1 12.1

68 6.6 4.7 7.1



#23

Nitrobenzene-d5

Concen: 101.646 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF138525.D

Acq: 11 Jul 2024 16:12

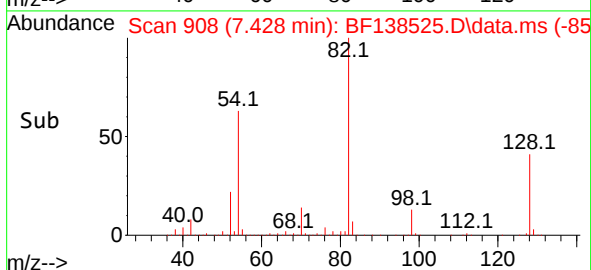
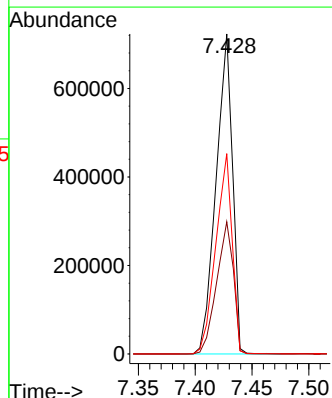
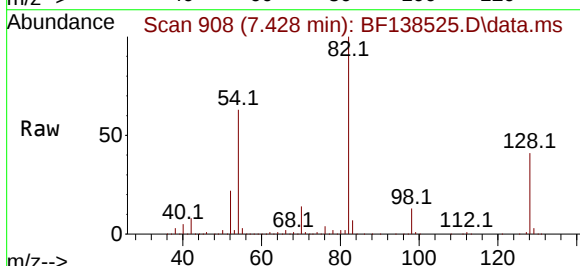
Tgt Ion: 82 Resp: 730843

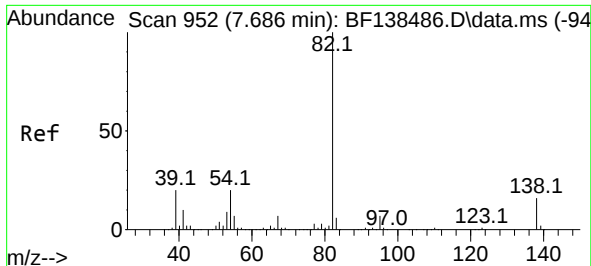
Ion Ratio Lower Upper

82 100

128 41.3 32.3 48.5

54 62.6 51.4 77.0

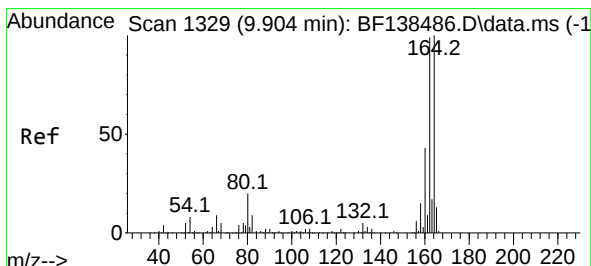
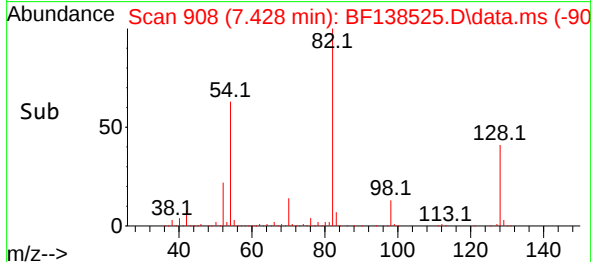
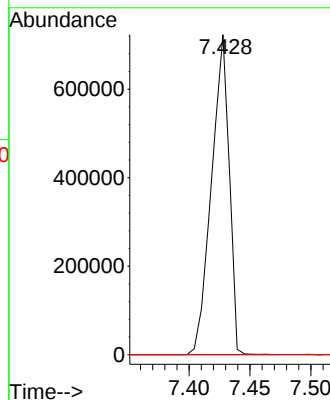
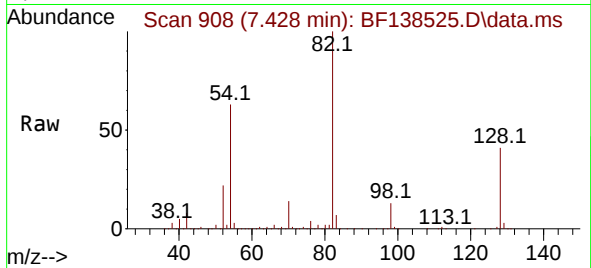




#25
Isophorone
Concen: 59.200 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF138525.D
Acq: 11 Jul 2024 16:12

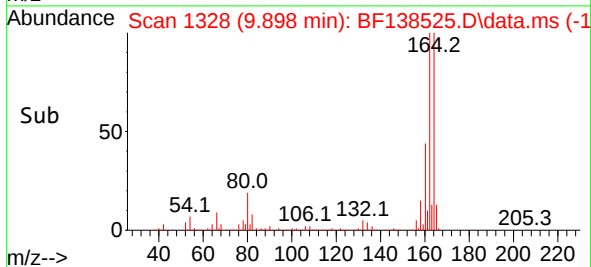
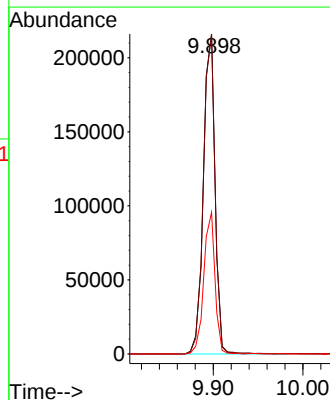
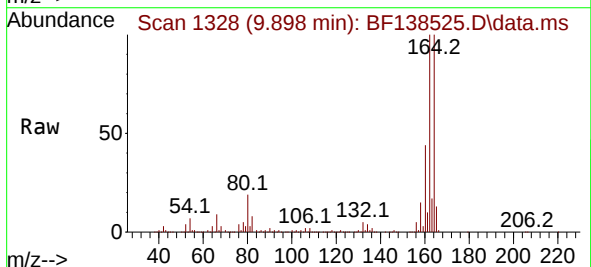
Instrument :
BNA_F
ClientSampleId :
COMP(00187-00189-00186)

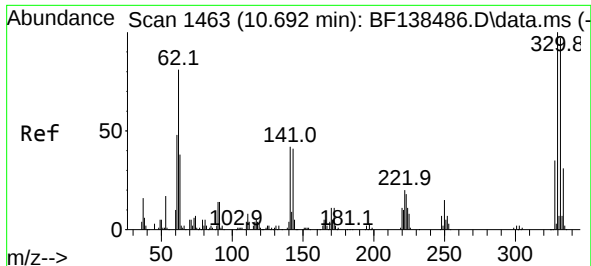
Tgt Ion: 82 Resp: 730971
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138525.D
Acq: 11 Jul 2024 16:12

Tgt Ion:164 Resp: 194613
Ion Ratio Lower Upper
164 100
162 99.9 79.0 118.6
160 44.3 34.4 51.6

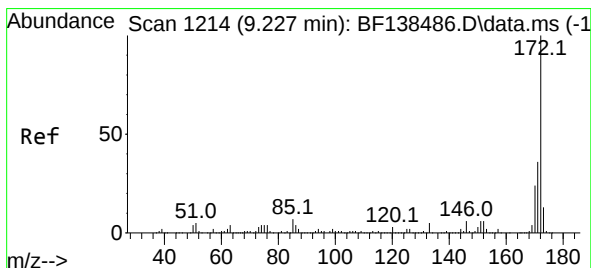
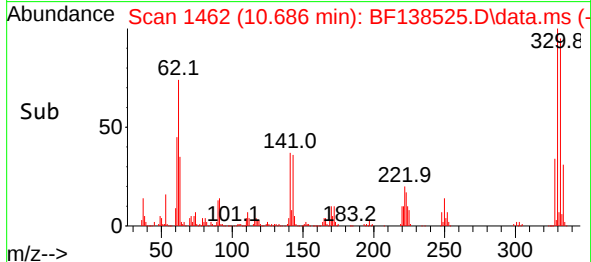
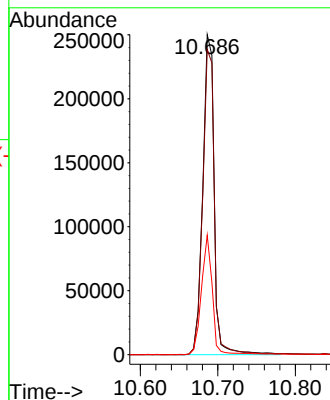
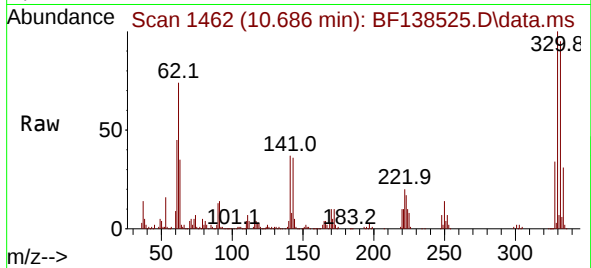




#42
2,4,6-Tribromophenol
Concen: 140.591 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF138525.D
Acq: 11 Jul 2024 16:12

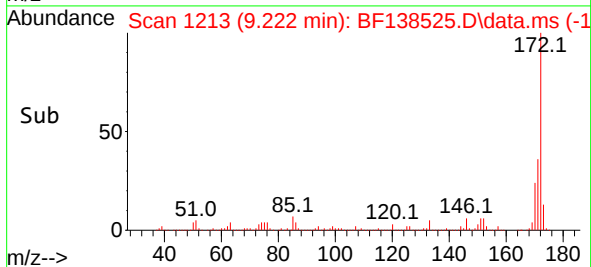
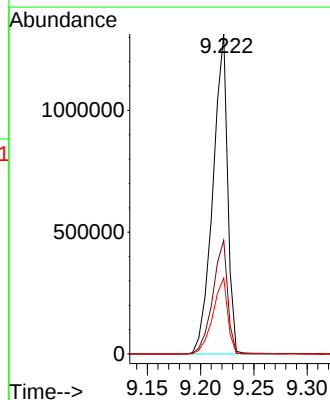
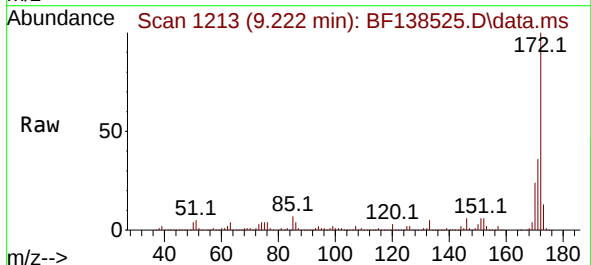
Instrument :
BNA_F
ClientSampleId :
COMP(00187-00189-00186)

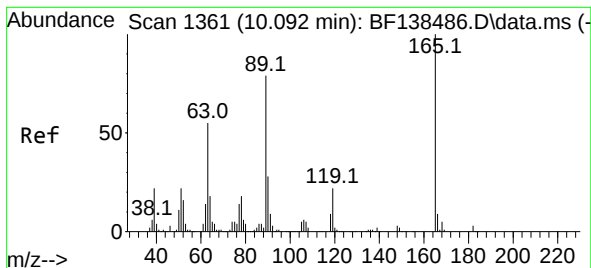
Tgt Ion:330 Resp: 255714
Ion Ratio Lower Upper
330 100
332 97.4 76.8 115.2
141 36.2 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 101.430 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF138525.D
Acq: 11 Jul 2024 16:12

Tgt Ion:172 Resp: 1263004
Ion Ratio Lower Upper
172 100
171 35.6 28.9 43.3
170 23.8 18.9 28.3

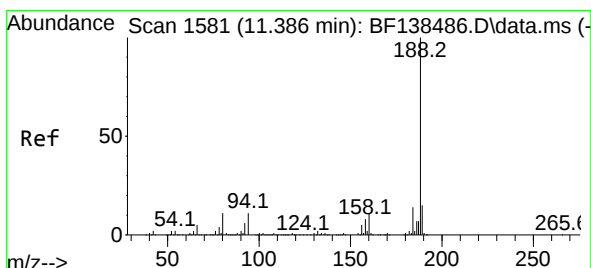
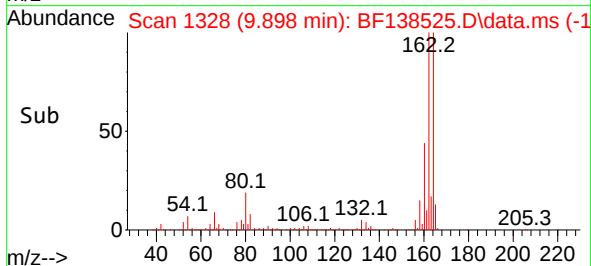
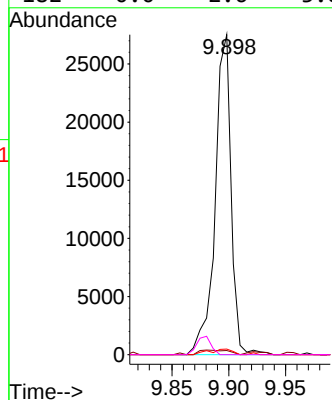
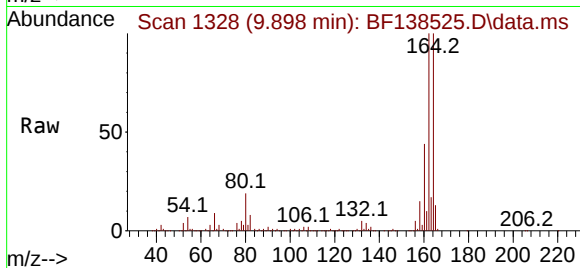




#57
2,4-Dinitrotoluene
Concen: 7.171 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF138525.D
Acq: 11 Jul 2024 16:12

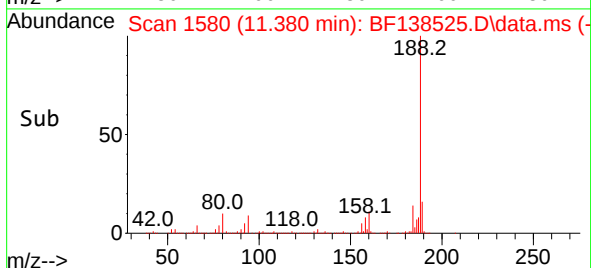
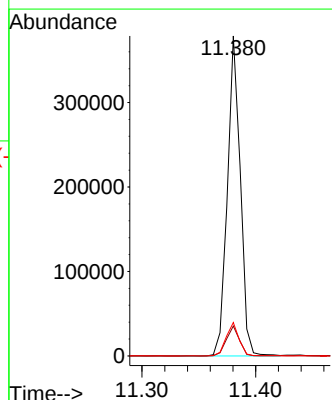
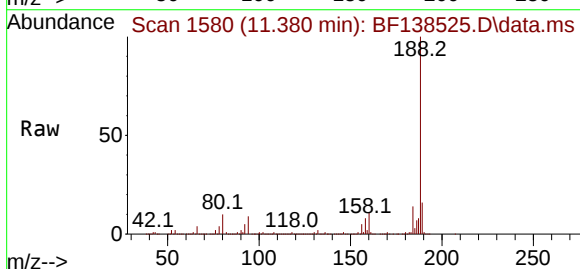
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COMP(00187-00189-00186)

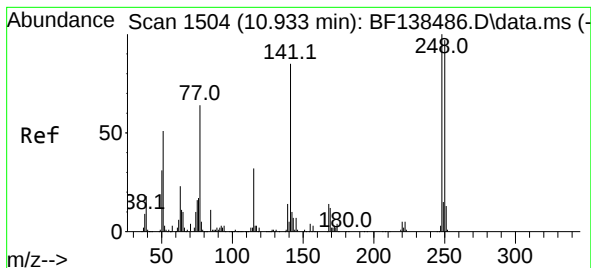
Tgt Ion:165 Resp: 26882
Ion Ratio Lower Upper
165 100
63 1.3 44.6 66.8#
89 1.8 63.4 95.2#
182 0.0 2.6 3.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF138525.D
Acq: 11 Jul 2024 16:12

Tgt Ion:188 Resp: 300152
Ion Ratio Lower Upper
188 100
94 9.3 8.7 13.1
80 10.4 9.0 13.4

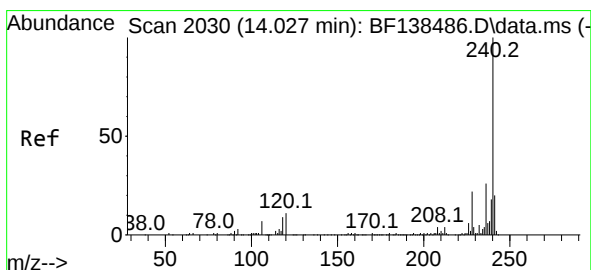
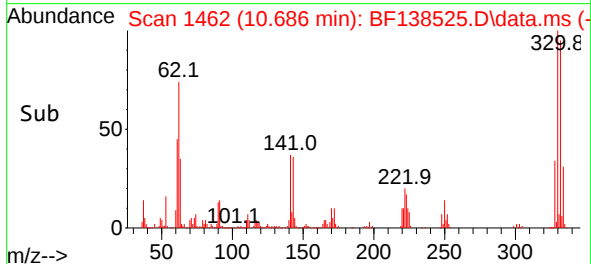
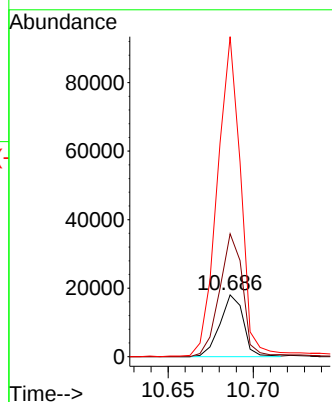
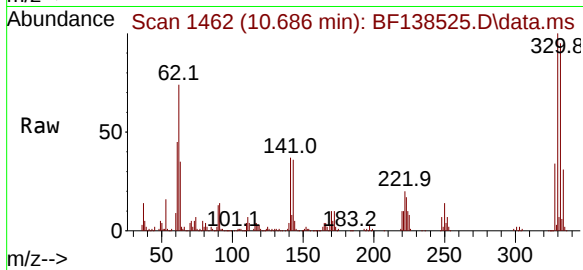




#67
4-Bromophenyl-phenylether
Concen: 5.604 ng
RT: 10.686 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF138525.D
Acq: 11 Jul 2024 16:12

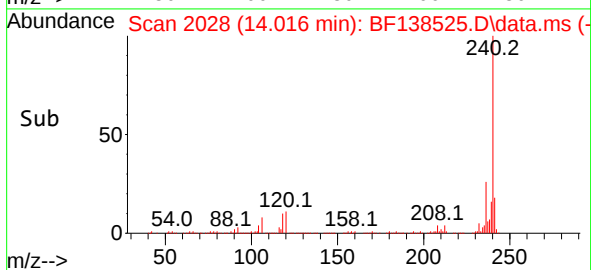
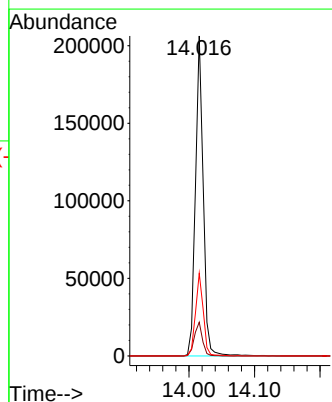
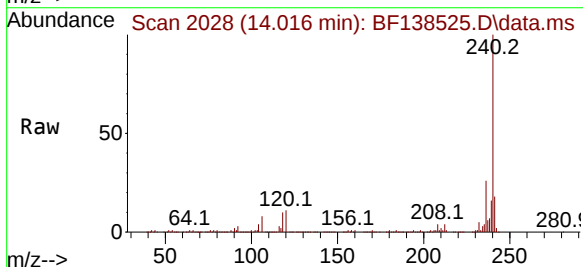
Instrument :
BNA_F
ClientSampleId :
COMP(00187-00189-00186)

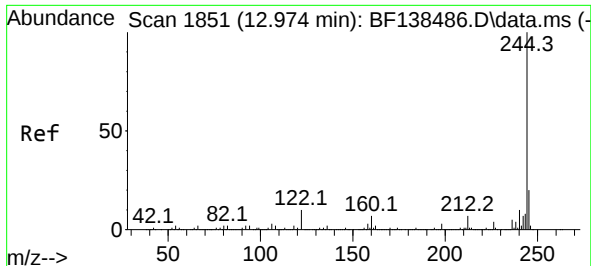
Tgt Ion:248 Resp: 17287
Ion Ratio Lower Upper
248 100
250 198.8 77.9 116.9#
141 517.8 67.7 101.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF138525.D
Acq: 11 Jul 2024 16:12

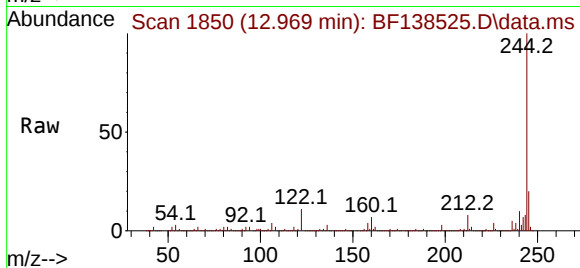
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Ion Ratio Lower Upper
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120 10.5 8.6 12.8
236 25.8 21.0 31.6



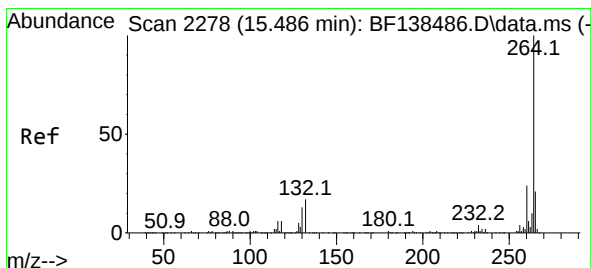
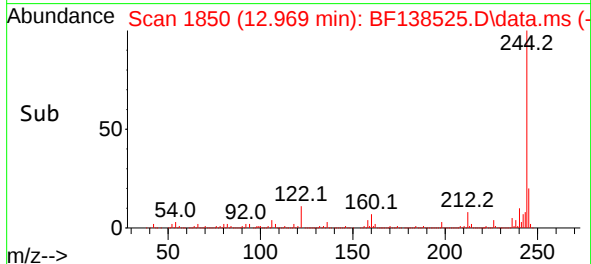
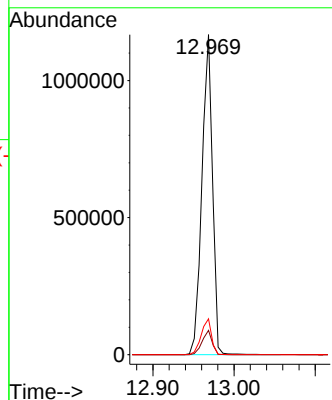


#79
Terphenyl-d14
Concen: 100.620 ng
RT: 12.969 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF138525.D
Acq: 11 Jul 2024 16:12

Instrument :
BNA_F
ClientSampleId :
COMP(00187-00189-00186)



Tgt Ion:244 Resp: 1054011
Ion Ratio Lower Upper
244 100
212 7.6 5.5 8.3
122 11.2 7.8 11.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2277
Delta R.T. -0.006 min
Lab File: BF138525.D
Acq: 11 Jul 2024 16:12

Tgt Ion:264 Resp: 145695
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.6
265 21.9 17.0 25.4

