

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
 Data File : BF138514.D
 Acq On : 10 Jul 2024 21:51
 Operator : CG\JU
 Sample : P3182-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SG-1

Quant Time: Jul 11 00:54:00 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)

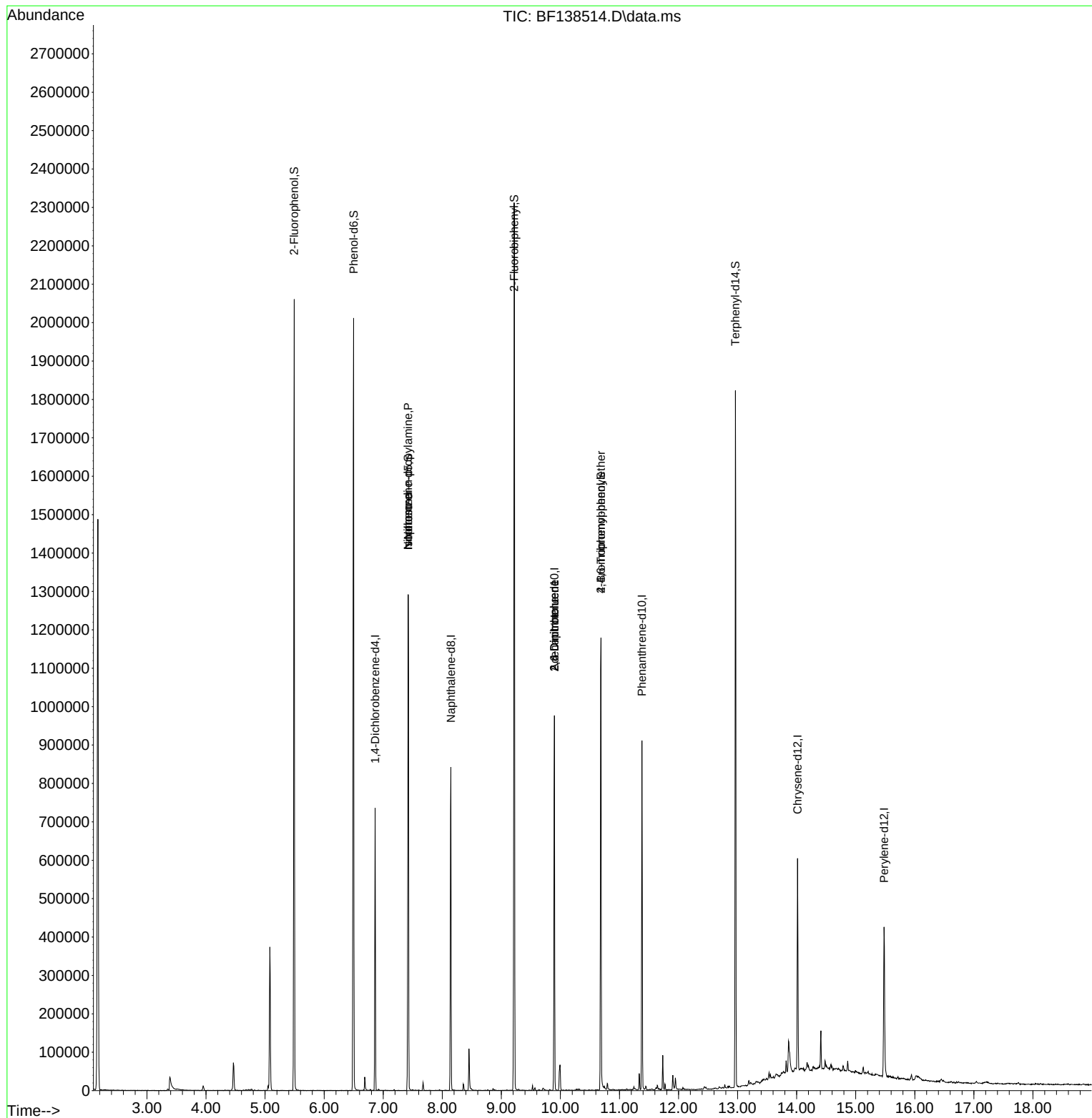
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	88541	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	351894	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	190132	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	296968	20.000	ng	0.00
76) Chrysene-d12	14.016	240	169138	20.000	ng	-0.01
86) Perylene-d12	15.480	264	180212	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	443800	79.384	ng	0.00
7) Phenol-d6	6.498	99	604347	81.261	ng	0.00
23) Nitrobenzene-d5	7.422	82	404106	56.383	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	128856	72.514	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	732021	60.173	ng	-0.01
79) Terphenyl-d14	12.963	244	591589	56.981	ng	-0.01
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.422	70	54568	11.874	ng	# 74
25) Isophorone	7.422	82	404170	32.837	ng	# 67
51) 2,6-Dinitrotoluene	9.898	165	24301	8.585	ng	# 25
57) 2,4-Dinitrotoluene	9.898	165	24301	6.635	ng	# 19
67) 4-Bromophenyl-phenylether	10.686	248	8989	2.945	ng	# 1

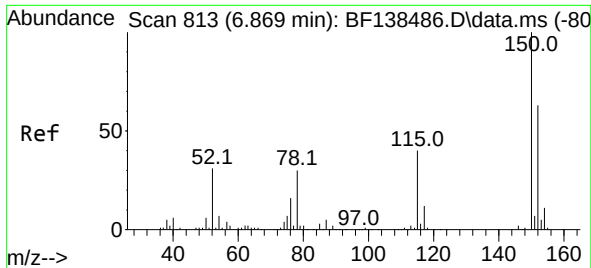
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
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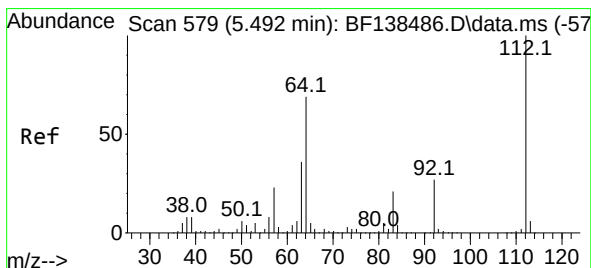
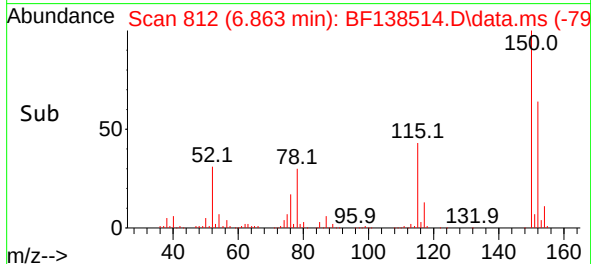
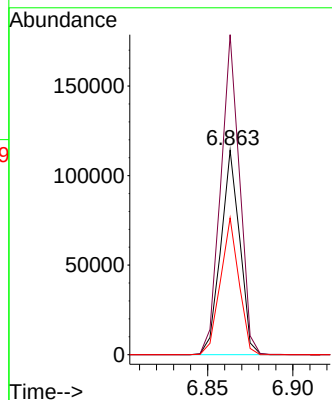
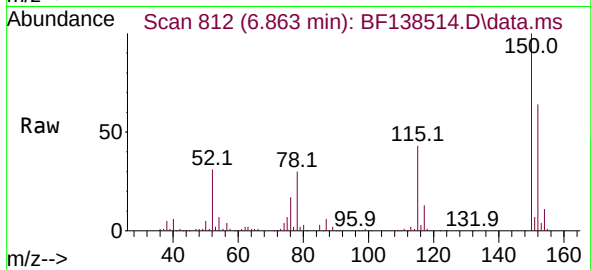




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138514.D
Acq: 10 Jul 2024 21:51

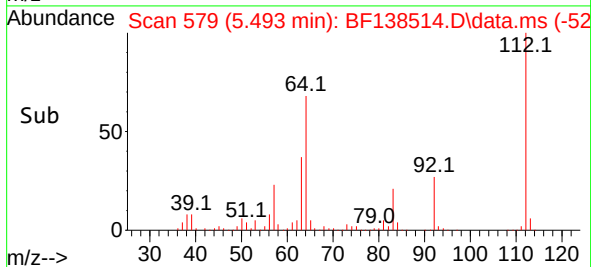
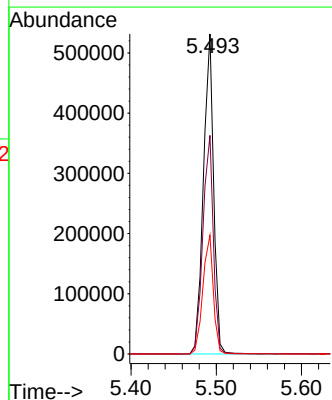
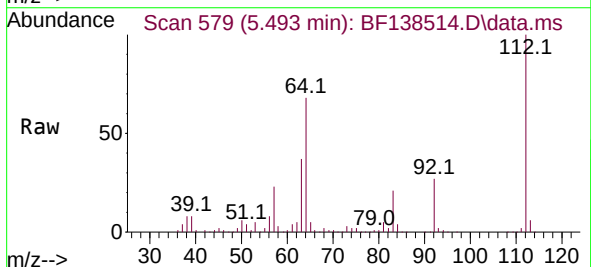
Instrument :
BNA_F
ClientSampleId :
SG-1

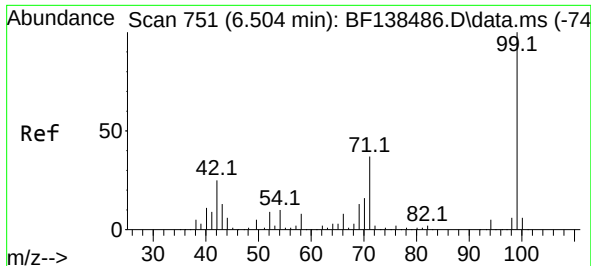
Tgt Ion:152 Resp: 88541
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.4
115 66.9 50.3 75.5



#5
2-Fluorophenol
Concen: 79.384 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF138514.D
Acq: 10 Jul 2024 21:51

Tgt Ion:112 Resp: 443800
Ion Ratio Lower Upper
112 100
64 68.3 55.1 82.7
63 37.1 29.0 43.6

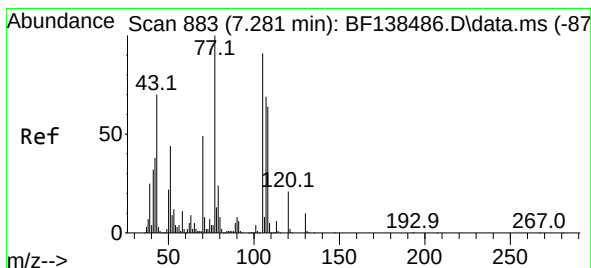
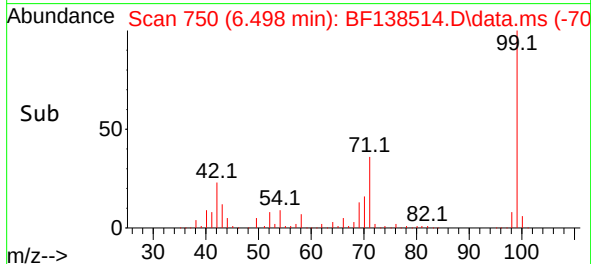
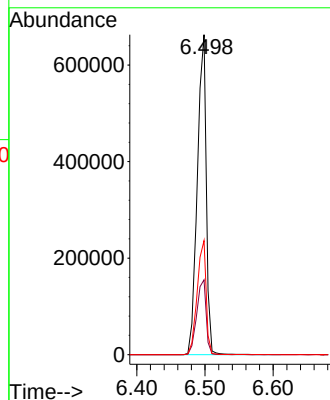
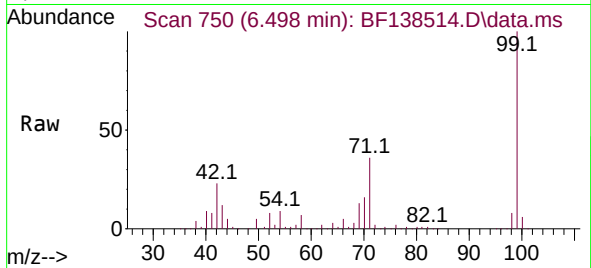




#7
Phenol-d6
Concen: 81.261 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138514.D
Acq: 10 Jul 2024 21:51

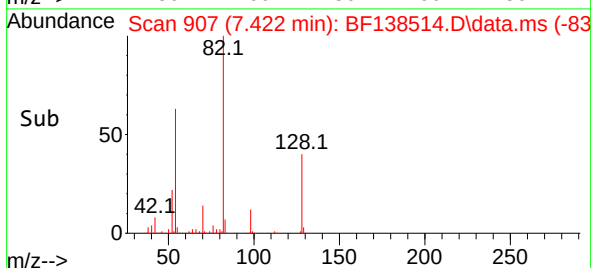
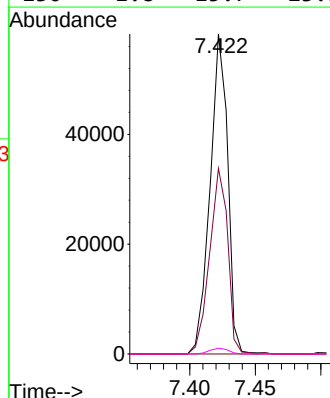
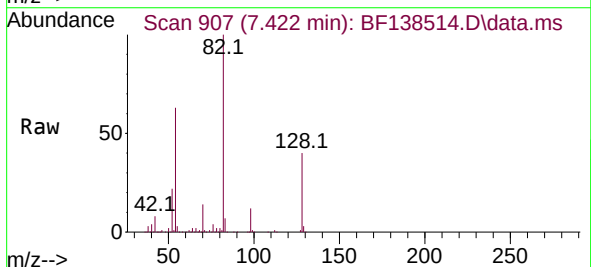
Instrument :
BNA_F
ClientSampleId :
SG-1

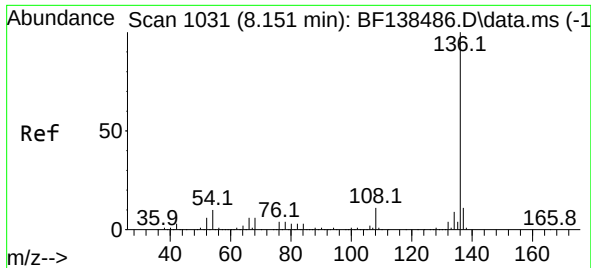
Tgt Ion: 99 Resp: 604347
Ion Ratio Lower Upper
99 100
42 23.4 19.7 29.5
71 35.7 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 11.874 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF138514.D
Acq: 10 Jul 2024 21:51

Tgt Ion: 70 Resp: 54568
Ion Ratio Lower Upper
70 100
42 58.0 62.4 93.6#
101 0.0 7.2 10.8#
130 1.8 15.7 23.5#

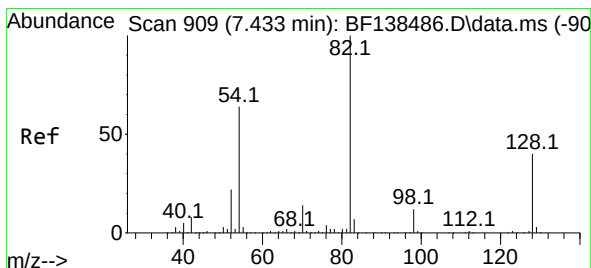
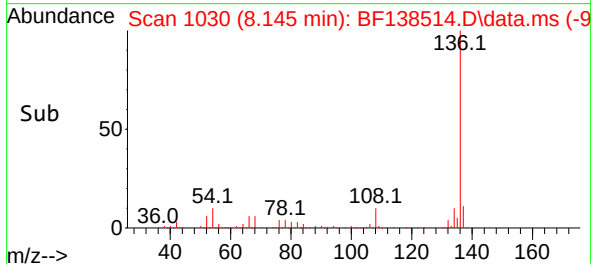
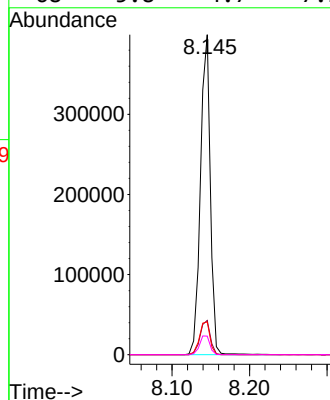
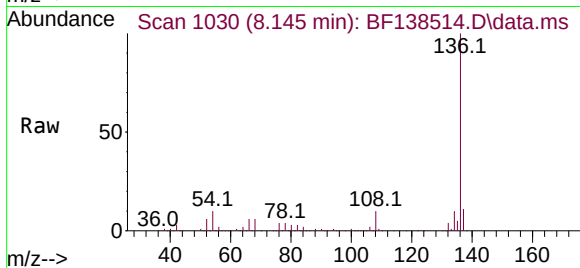




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138514.D
Acq: 10 Jul 2024 21:51

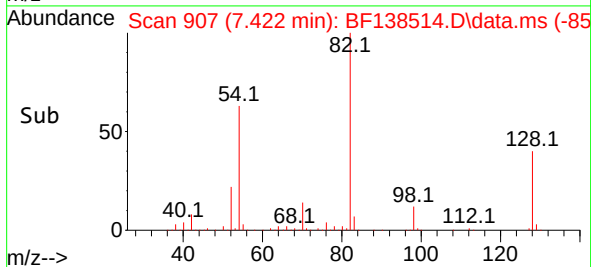
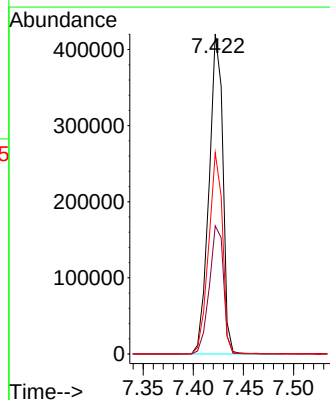
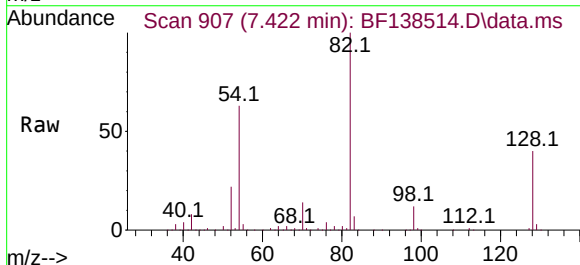
Instrument :
BNA_F
ClientSampleId :
SG-1

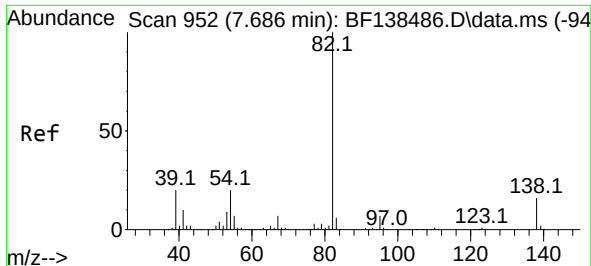
Tgt Ion:	136	Resp:	351894
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	10.2	8.1	12.1
68	5.8	4.7	7.1



#23
Nitrobenzene-d5
Concen: 56.383 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF138514.D
Acq: 10 Jul 2024 21:51

Tgt Ion:	82	Resp:	404106
Ion	Ratio	Lower	Upper
82	100		
128	40.0	32.3	48.5
54	62.9	51.4	77.0

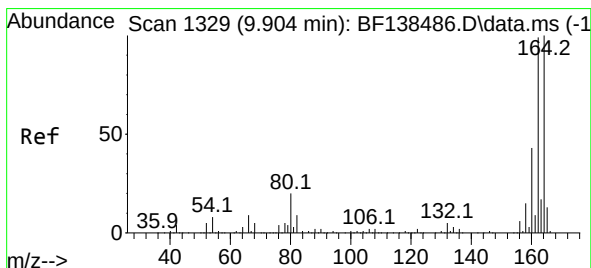
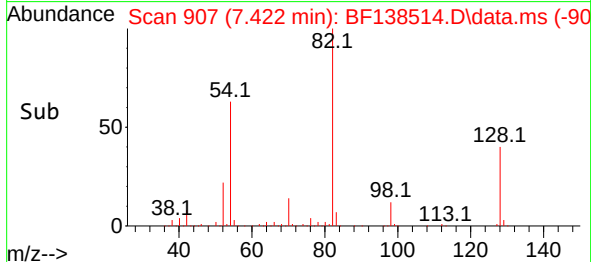
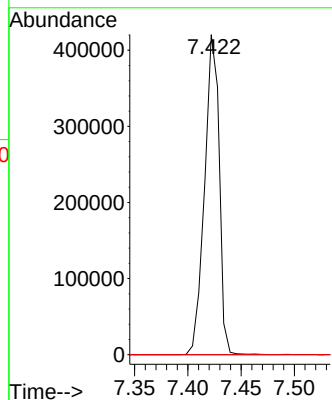
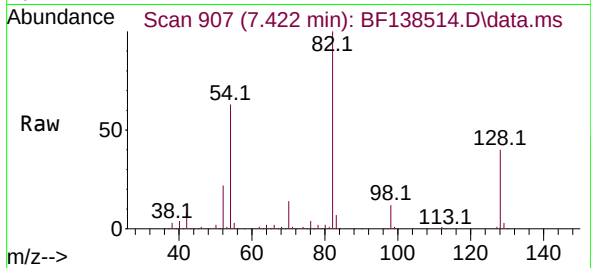




#25
Isophorone
Concen: 32.837 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.264 min
Lab File: BF138514.D
Acq: 10 Jul 2024 21:51

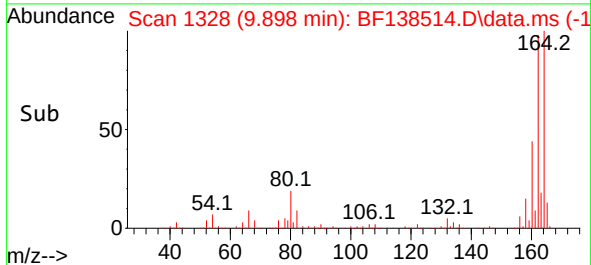
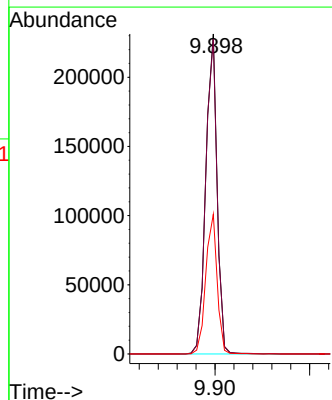
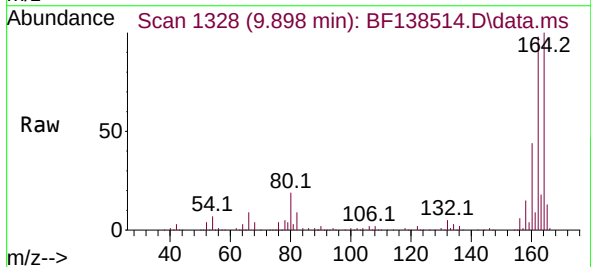
Instrument :
BNA_F
ClientSampleId :
SG-1

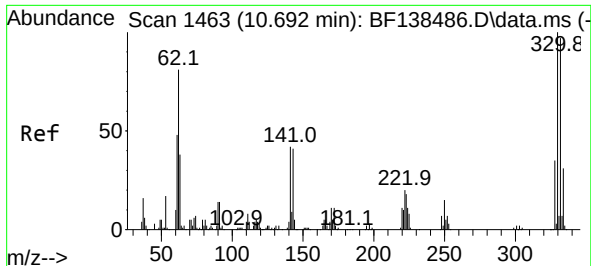
Tgt Ion: 82 Resp: 404170
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138514.D
Acq: 10 Jul 2024 21:51

Tgt Ion: 164 Resp: 190132
Ion Ratio Lower Upper
164 100
162 98.3 79.0 118.6
160 43.7 34.4 51.6

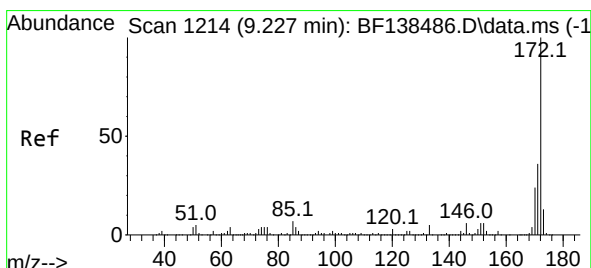
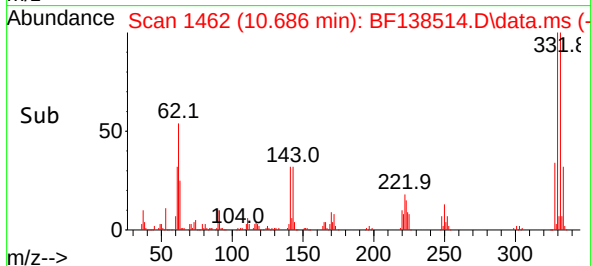
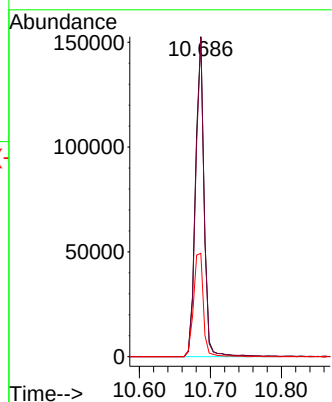
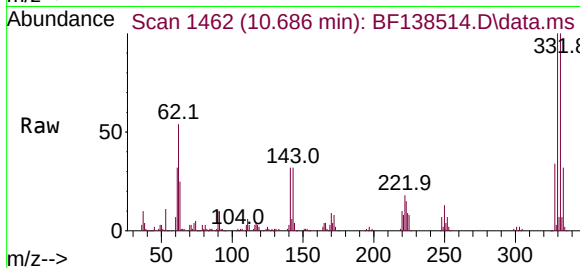




#42
2,4,6-Tribromophenol
Concen: 72.514 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF138514.D
Acq: 10 Jul 2024 21:51

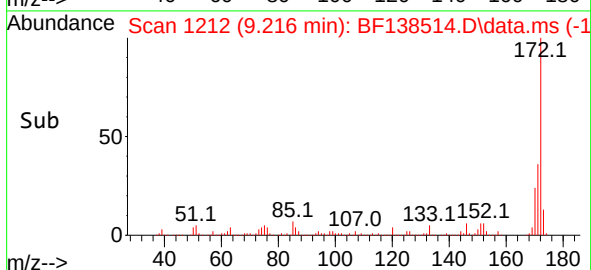
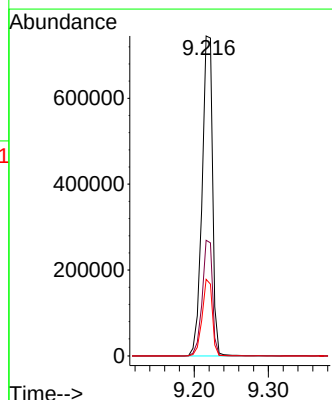
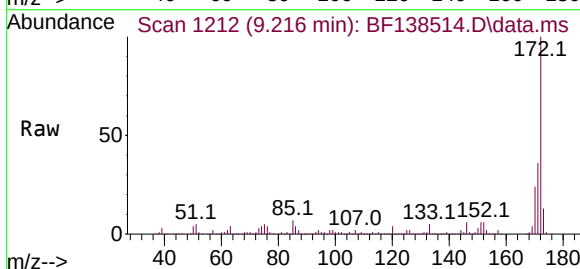
Instrument :
BNA_F
ClientSampleId :
SG-1

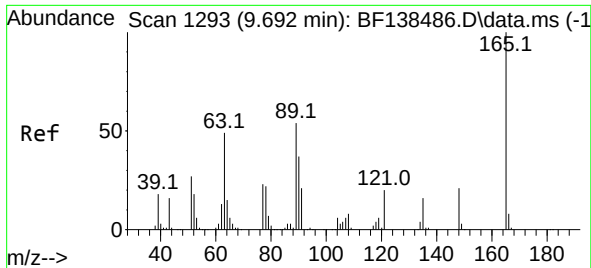
Tgt Ion: 330 Resp: 128856
Ion Ratio Lower Upper
330 100
332 97.4 76.8 115.2
141 37.0 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 60.173 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF138514.D
Acq: 10 Jul 2024 21:51

Tgt Ion: 172 Resp: 732021
Ion Ratio Lower Upper
172 100
171 36.1 28.9 43.3
170 24.0 18.9 28.3

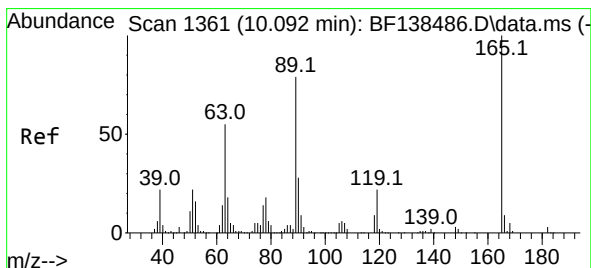
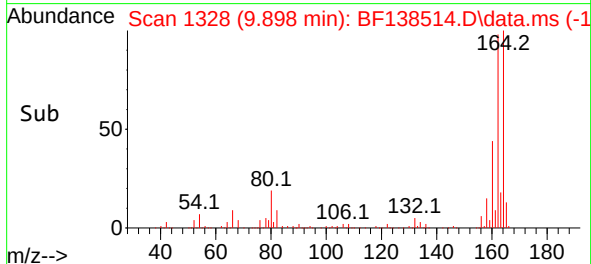
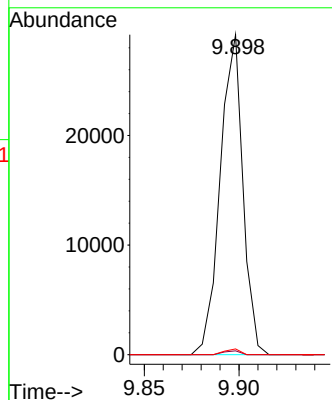
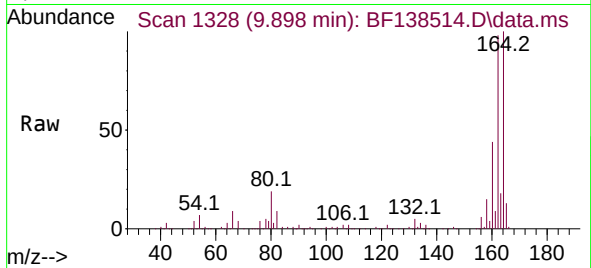




#51
2,6-Dinitrotoluene
Concen: 8.585 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138514.D
Acq: 10 Jul 2024 21:51

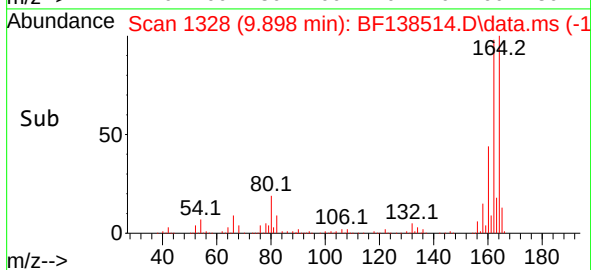
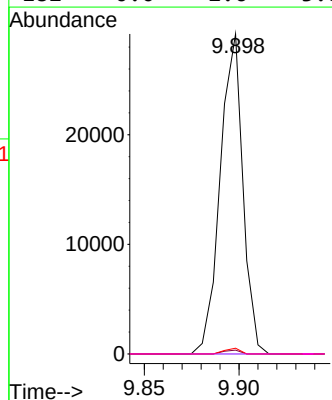
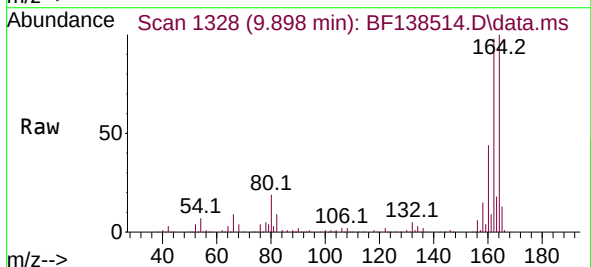
Instrument :
BNA_F
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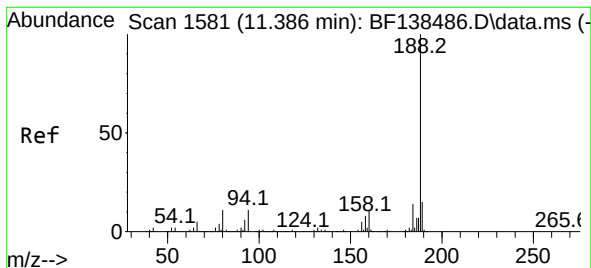
Tgt Ion:165 Resp: 24301
Ion Ratio Lower Upper
165 100
63 1.2 48.1 72.1#
89 1.8 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.635 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF138514.D
Acq: 10 Jul 2024 21:51

Tgt Ion:165 Resp: 24301
Ion Ratio Lower Upper
165 100
63 1.2 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# 11

Delta R.T. -0.006 min

Lab File: BF138514.D

Acq: 10 Jul 2024 21:51

Instrument :

BNA_F

ClientSampleId :

SG-1

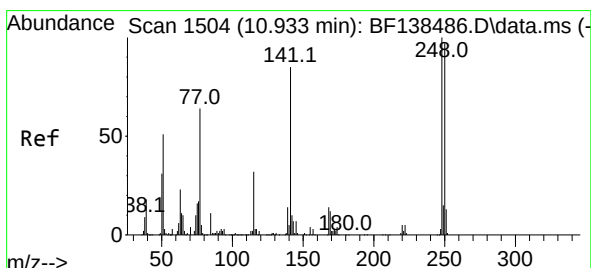
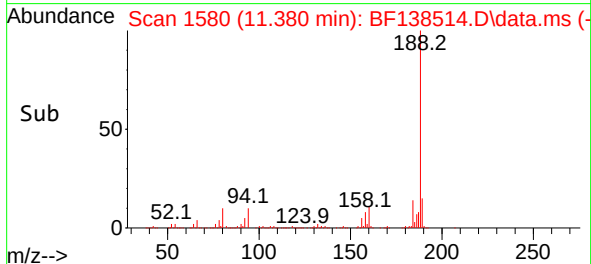
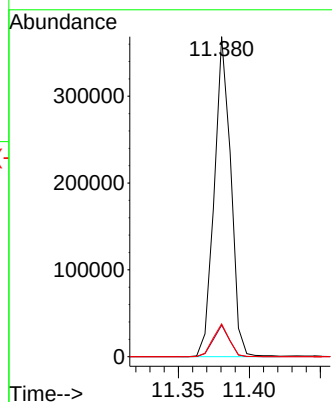
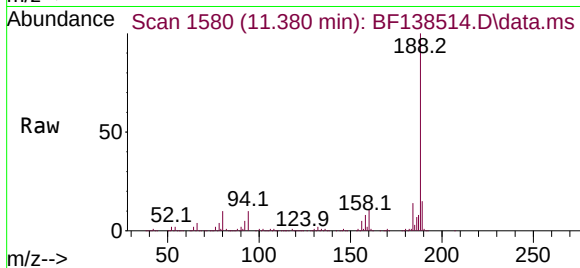
Tgt Ion:188 Resp: 296968

Ion Ratio Lower Upper

188 100

94 9.9 8.7 13.1

80 10.2 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 2.945 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF138514.D

Acq: 10 Jul 2024 21:51

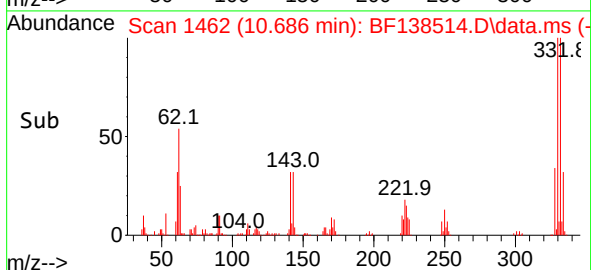
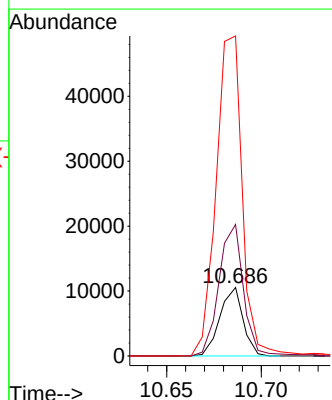
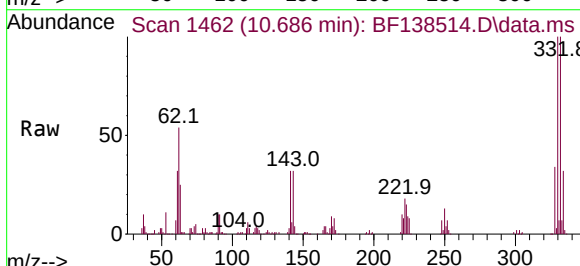
Tgt Ion:248 Resp: 8989

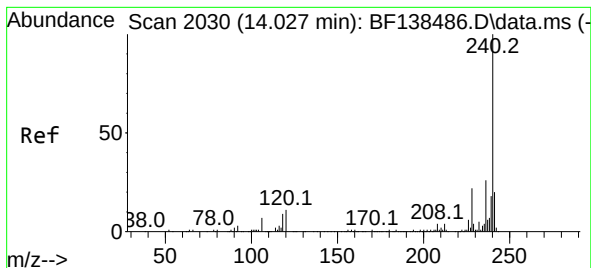
Ion Ratio Lower Upper

248 100

250 191.8 77.9 116.9#

141 466.8 67.7 101.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 2030

Delta R.T. -0.012 min

Lab File: BF138514.D

Acq: 10 Jul 2024 21:51

Instrument :

BNA_F

ClientSampleId :

SG-1

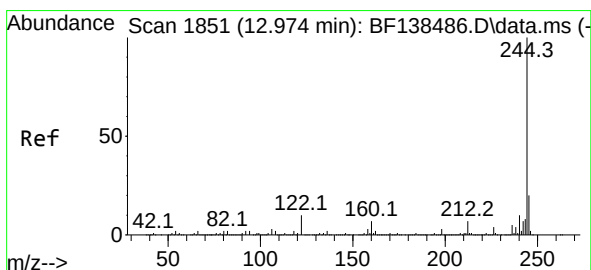
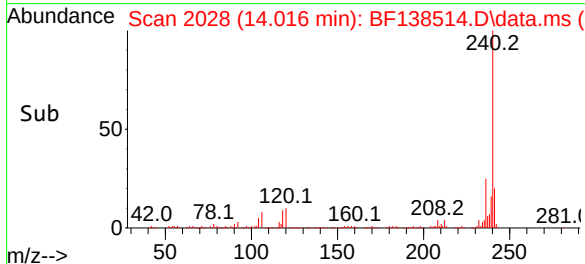
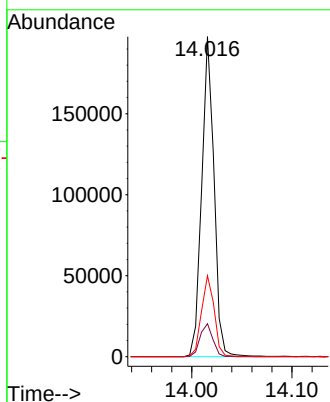
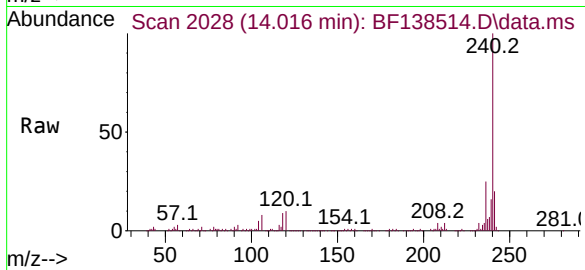
Tgt Ion:240 Resp: 169138

Ion Ratio Lower Upper

240 100

120 10.3 8.6 12.8

236 25.3 21.0 31.6



#79

Terphenyl-d14

Concen: 56.981 ng

RT: 12.963 min Scan# 1849

Delta R.T. -0.012 min

Lab File: BF138514.D

Acq: 10 Jul 2024 21:51

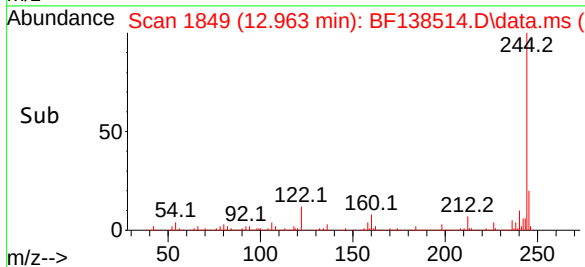
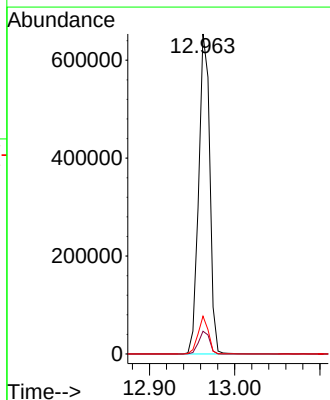
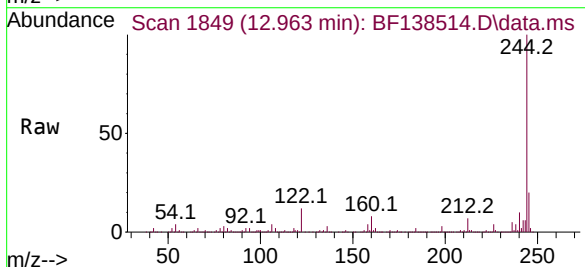
Tgt Ion:244 Resp: 591589

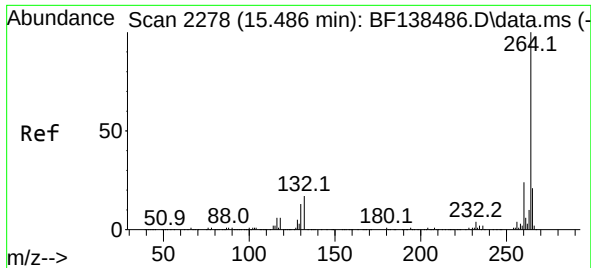
Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

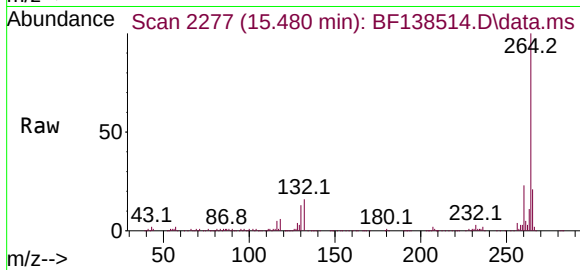
122 11.8 7.8 11.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF138514.D
 Acq: 10 Jul 2024 21:51

Instrument :
 BNA_F
 ClientSampleId :
 SG-1



Tgt Ion:264 Resp: 180212
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 21.0 17.0 25.4

