

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140508.D
 Acq On : 20 Nov 2024 19:09
 Operator : RC/JU
 Sample : P4768-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 00:07:43 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)

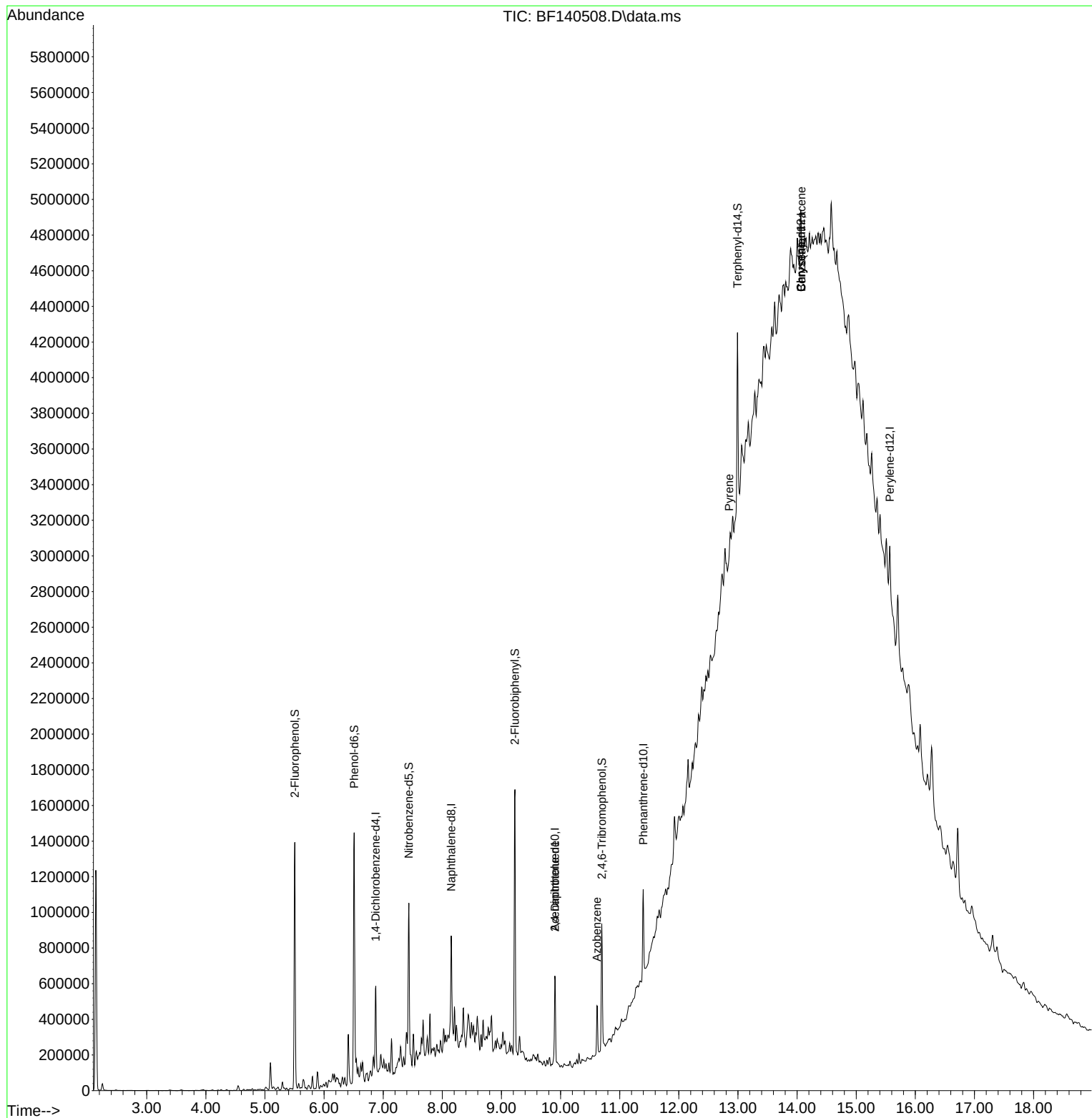
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	97789	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	331411	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	155672	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	250354	20.000	ng	0.00
76) Chrysene-d12	14.062	240	155764	20.000	ng	# 0.01
86) Perylene-d12	15.568	264	143752	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	525062	91.675	ng	0.01
7) Phenol-d6	6.510	99	664150	85.589	ng	0.00
23) Nitrobenzene-d5	7.433	82	415268	65.286	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	127007	82.044	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	700202	72.306	ng	0.00
79) Terphenyl-d14	12.992	244	571296	63.664	ng	0.00
Target Compounds						
						Qvalue
57) 2,4-Dinitrotoluene	9.904	165	21100	6.931	ng	# 21
63) Azobenzene	10.616	77	80304	7.833	ng	# 1
78) Pyrene	12.851	202	28638	2.149	ng	# 54
81) Benzo(a)anthracene	14.074	228	49991	4.883	ng	# 1
83) Chrysene	14.074	228	49991	5.352	ng	# 4

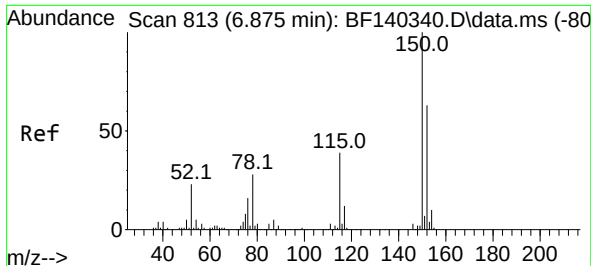
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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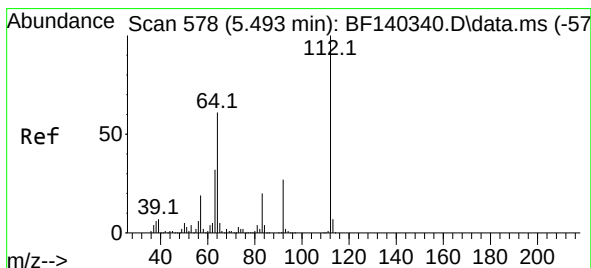
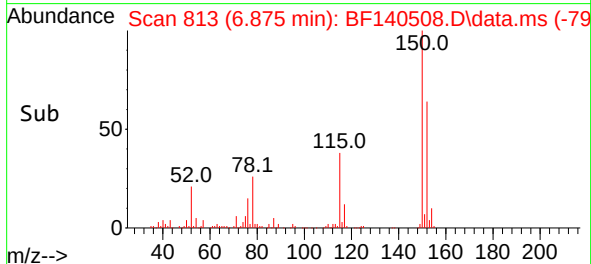
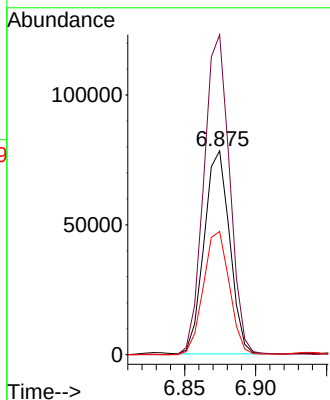
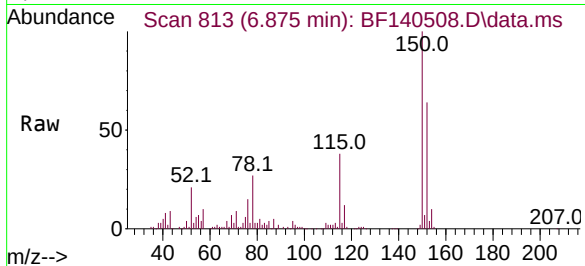




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 813
 Delta R.T. -0.006 min
 Lab File: BF140508.D
 Acq: 20 Nov 2024 19:09

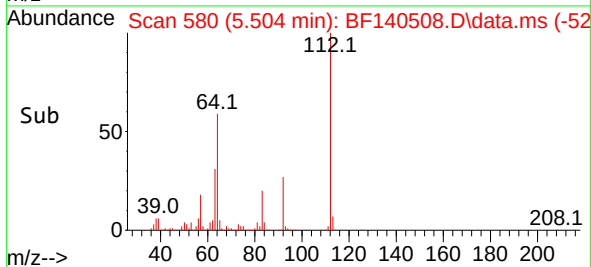
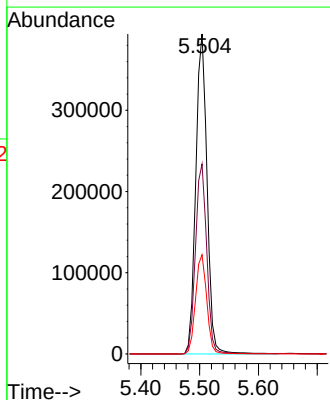
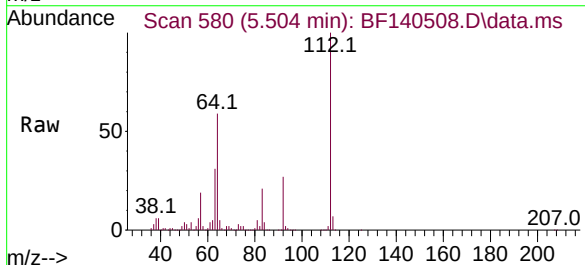
Instrument :
 BNA_F
 ClientSampleId :

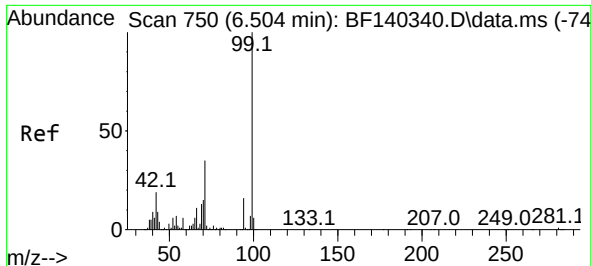
Tgt Ion:152 Resp: 97789
 Ion Ratio Lower Upper
 152 100
 150 156.9 127.4 191.0
 115 60.4 47.4 71.2



#5
 2-Fluorophenol
 Concen: 91.675 ng
 RT: 5.504 min Scan# 580
 Delta R.T. 0.012 min
 Lab File: BF140508.D
 Acq: 20 Nov 2024 19:09

Tgt Ion:112 Resp: 525062
 Ion Ratio Lower Upper
 112 100
 64 59.4 49.2 73.8
 63 31.0 25.6 38.4

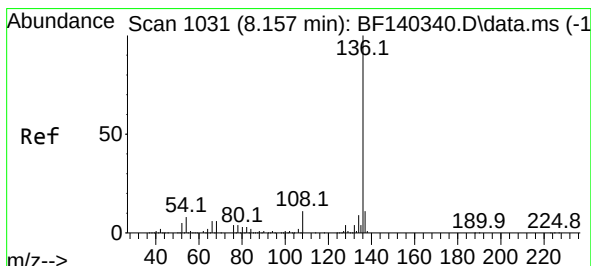
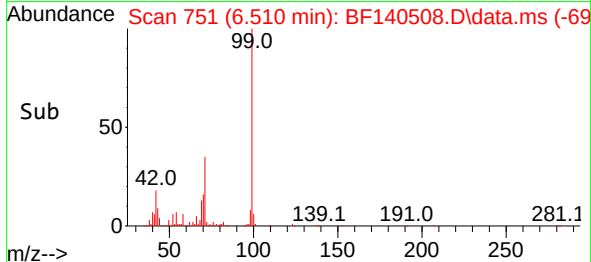
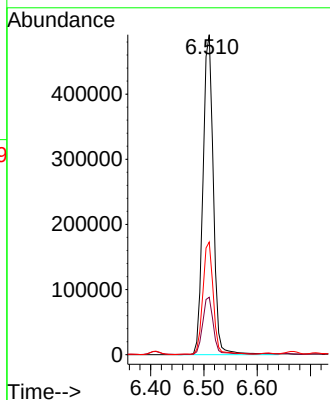
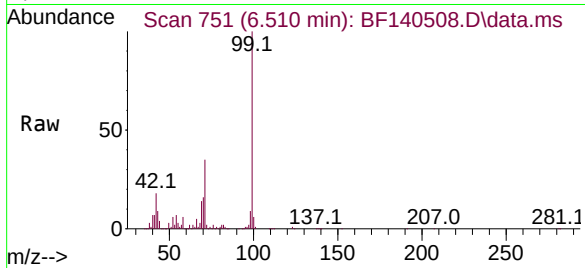




#7
Phenol-d6
Concen: 85.589 ng
RT: 6.510 min Scan# 70
Delta R.T. 0.006 min
Lab File: BF140508.D
Acq: 20 Nov 2024 19:09

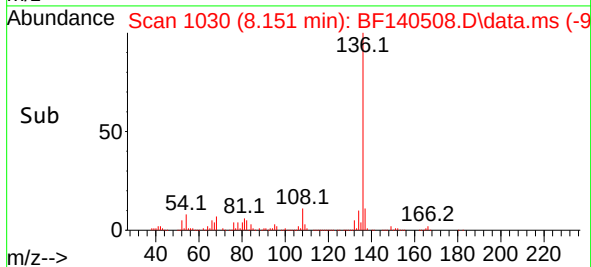
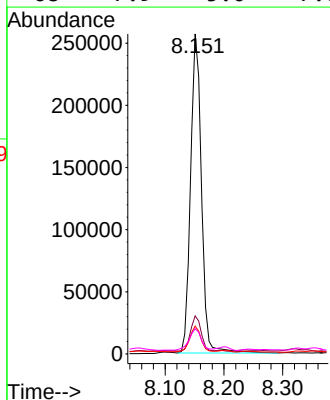
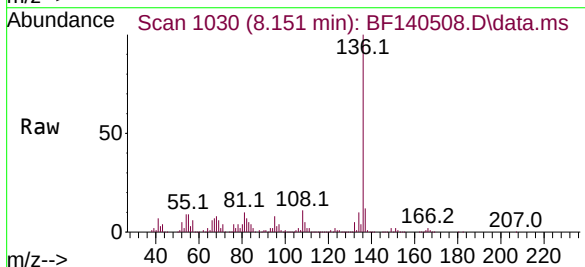
Instrument :
BNA_F
ClientSampleId :

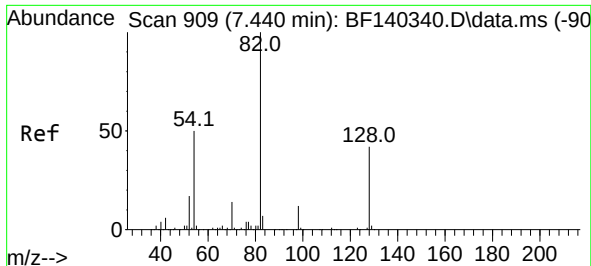
Tgt Ion: 99 Resp: 664150
Ion Ratio Lower Upper
99 100
42 17.9 15.1 22.7
71 35.2 27.9 41.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140508.D
Acq: 20 Nov 2024 19:09

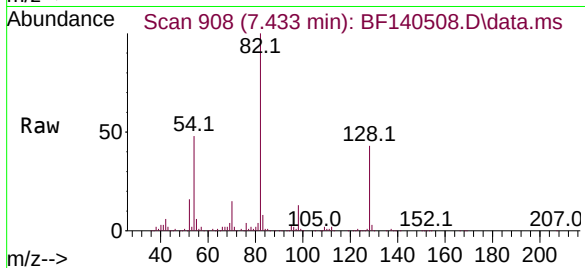
Tgt Ion: 136 Resp: 331411
Ion Ratio Lower Upper
136 100
137 11.9 8.7 13.1
54 8.7 6.5 9.7
68 7.9 5.0 7.6#



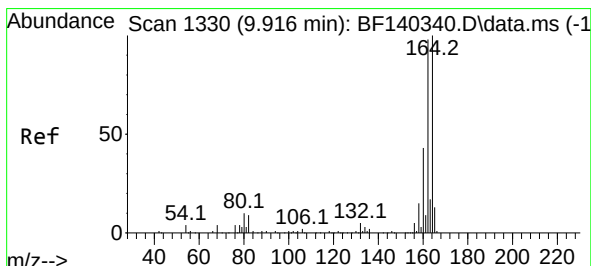
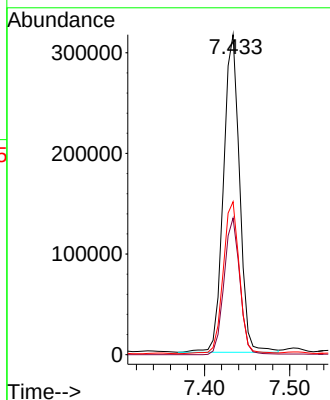
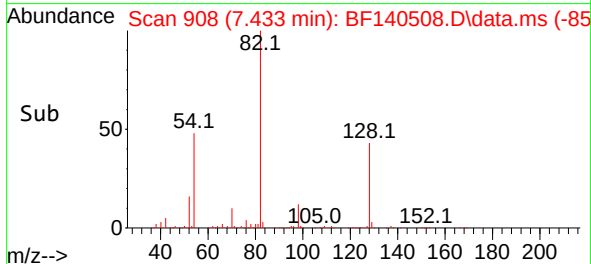


#23
Nitrobenzene-d5
Concen: 65.286 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140508.D
Acq: 20 Nov 2024 19:09

Instrument :
BNA_F
ClientSampleId :

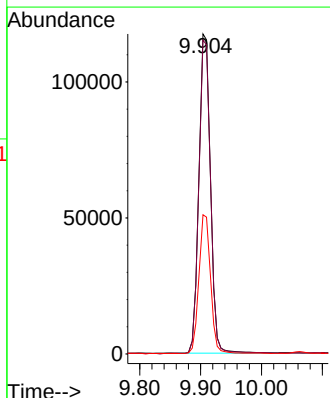
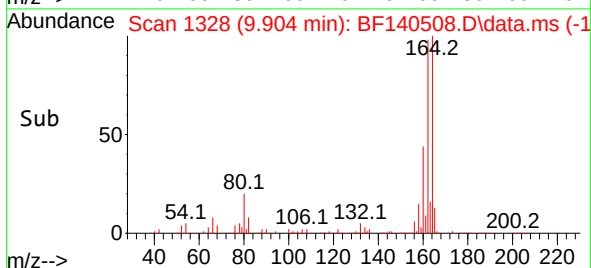
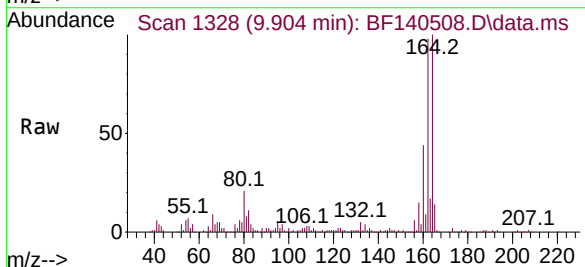


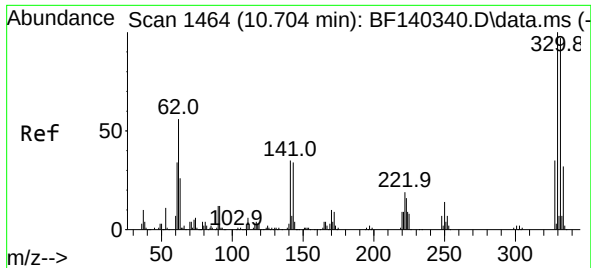
Tgt Ion: 82 Resp: 415268
Ion Ratio Lower Upper
82 100
128 42.7 33.3 49.9
54 47.8 39.8 59.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140508.D
Acq: 20 Nov 2024 19:09

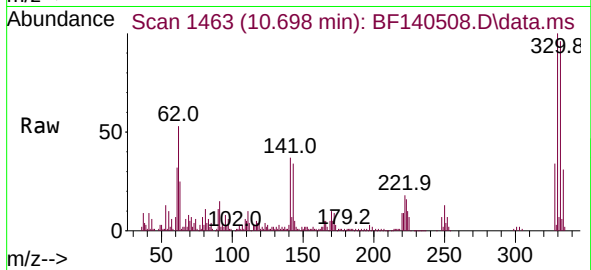
Tgt Ion: 164 Resp: 155672
Ion Ratio Lower Upper
164 100
162 98.0 79.8 119.8
160 43.5 35.4 53.0



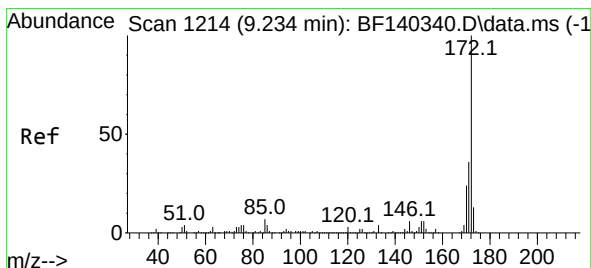
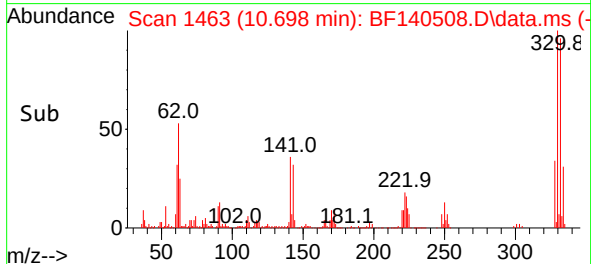
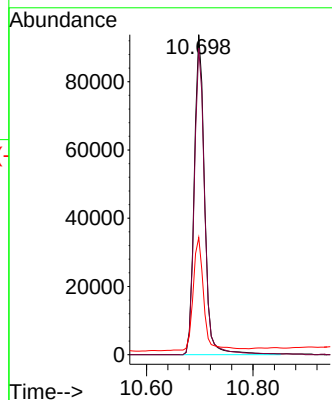


#42
2,4,6-Tribromophenol
Concen: 82.044 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140508.D
Acq: 20 Nov 2024 19:09

Instrument :
BNA_F
ClientSampleId :

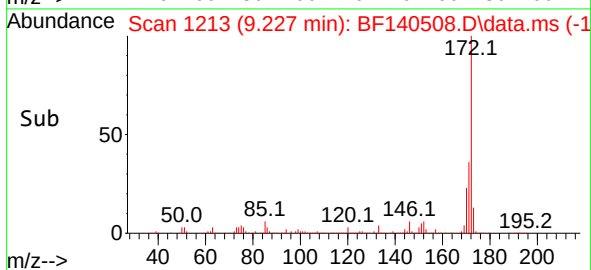
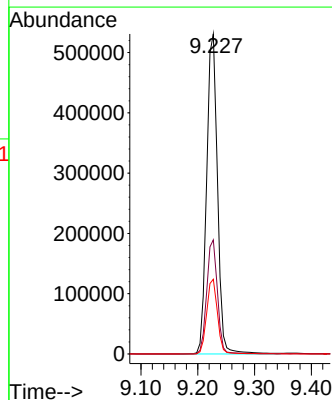
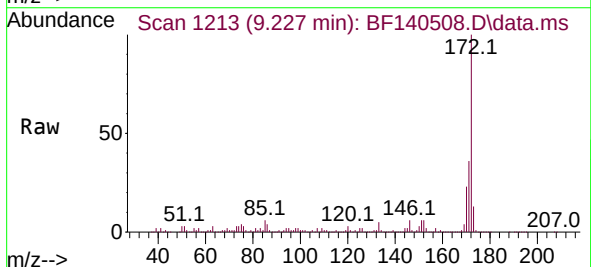


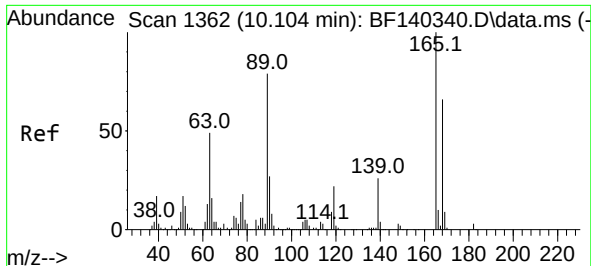
Tgt Ion:330 Resp: 127007
Ion Ratio Lower Upper
330 100
332 96.3 75.9 113.9
141 36.7 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 72.306 ng
RT: 9.227 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140508.D
Acq: 20 Nov 2024 19:09

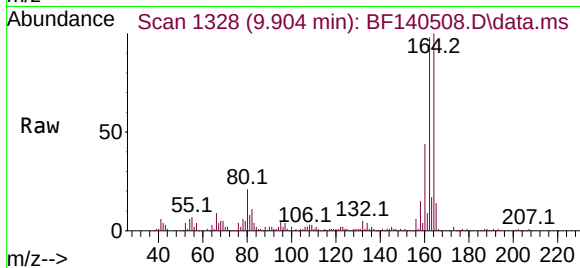
Tgt Ion:172 Resp: 700202
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.4 19.1 28.7



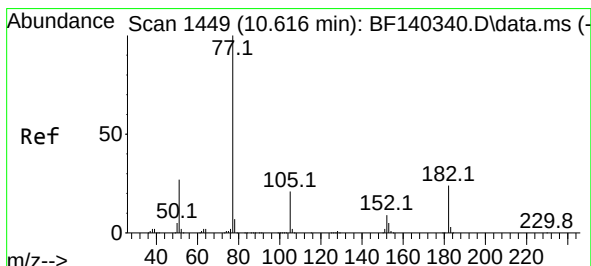
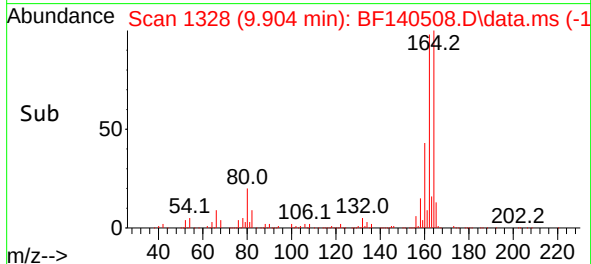
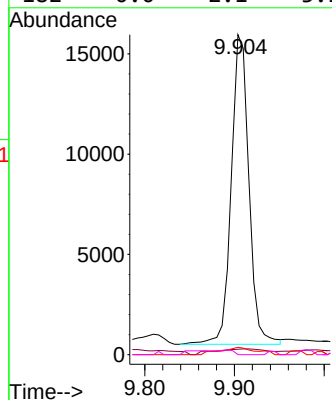


#57
2,4-Dinitrotoluene
Concen: 6.931 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF140508.D
Acq: 20 Nov 2024 19:09

Instrument :
BNA_F
ClientSampleId :

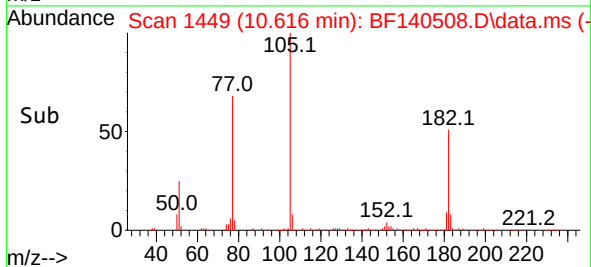
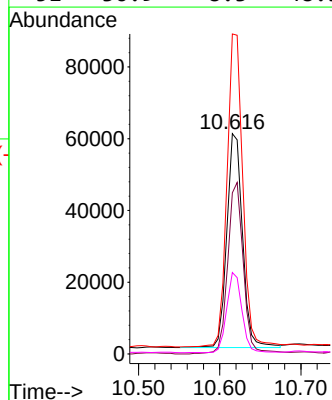
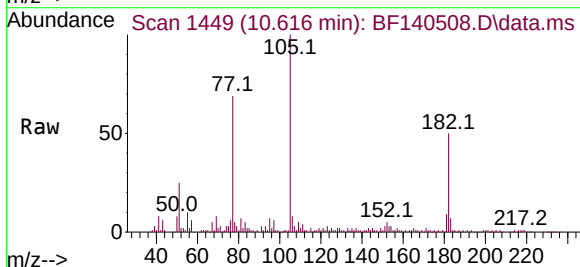


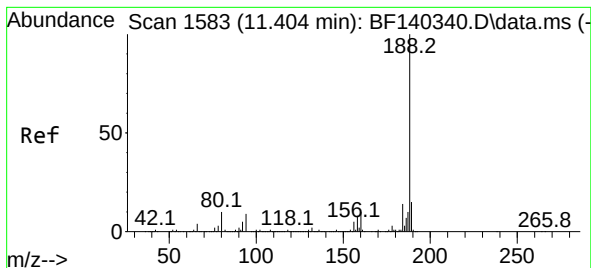
Tgt Ion:165 Resp: 21100
Ion Ratio Lower Upper
165 100
63 1.7 39.4 59.0#
89 2.3 62.4 93.6#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 7.833 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF140508.D
Acq: 20 Nov 2024 19:09

Tgt Ion: 77 Resp: 80304
Ion Ratio Lower Upper
77 100
182 73.2 4.6 44.6#
105 145.2 0.9 40.9#
51 36.9 8.3 48.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140508.D

Acq: 20 Nov 2024 19:09

Instrument :

BNA_F

ClientSampleId :

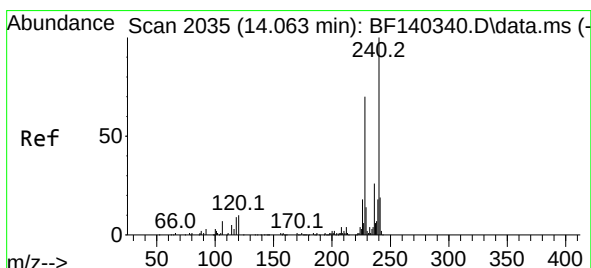
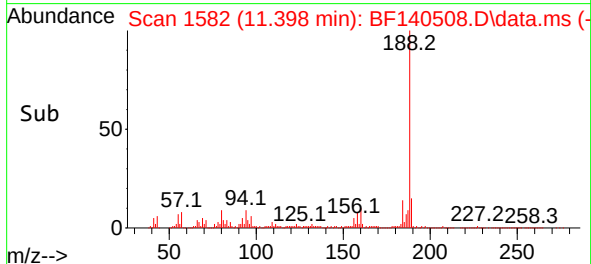
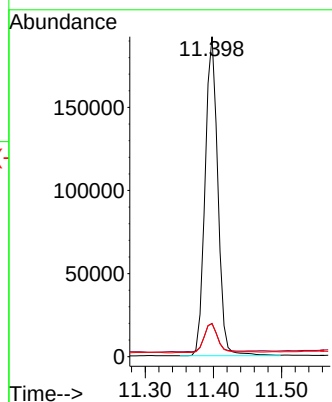
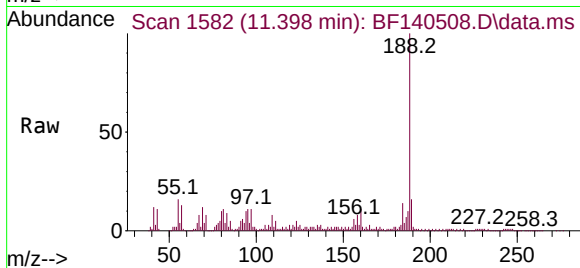
Tgt Ion:188 Resp: 250354

Ion Ratio Lower Upper

188 100

94 10.4 7.6 11.4

80 10.3 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.062 min Scan# 2035

Delta R.T. 0.012 min

Lab File: BF140508.D

Acq: 20 Nov 2024 19:09

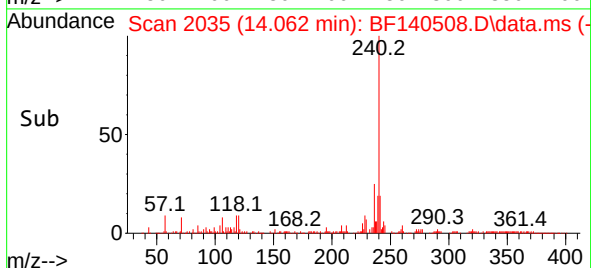
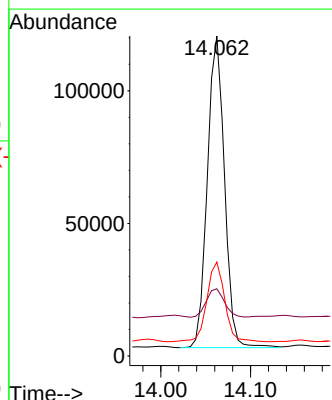
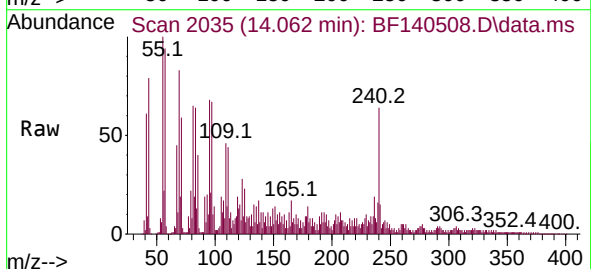
Tgt Ion:240 Resp: 155764

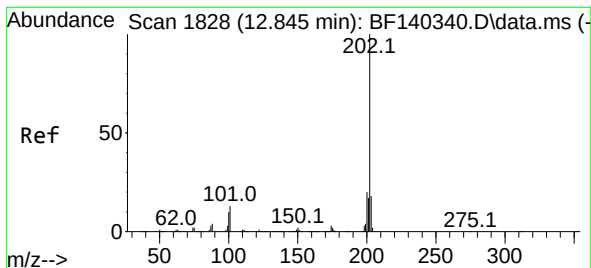
Ion Ratio Lower Upper

240 100

120 21.0 8.8 13.2#

236 29.4 20.9 31.3





#78

Pyrene

Concen: 2.149 ng

RT: 12.851 min Scan# 1828

Delta R.T. 0.006 min

Lab File: BF140508.D

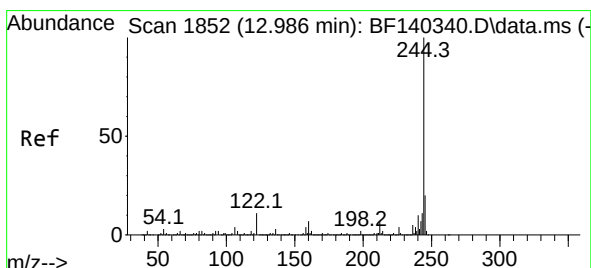
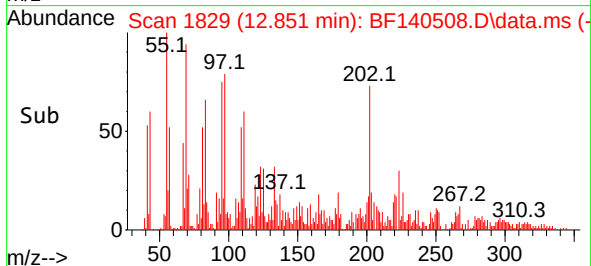
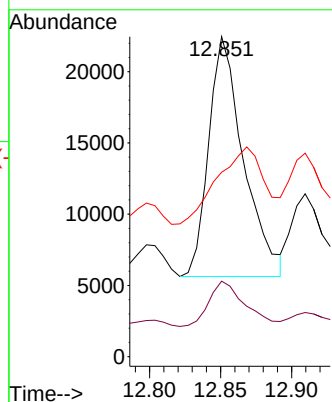
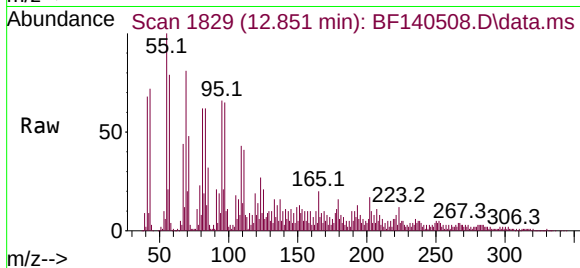
Acq: 20 Nov 2024 19:09

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:202	Resp:	28638
Ion Ratio	Lower	Upper
202	100	
200	23.6	16.2 24.2
203	57.7	14.2 21.4#



#79

Terphenyl-d14

Concen: 63.664 ng

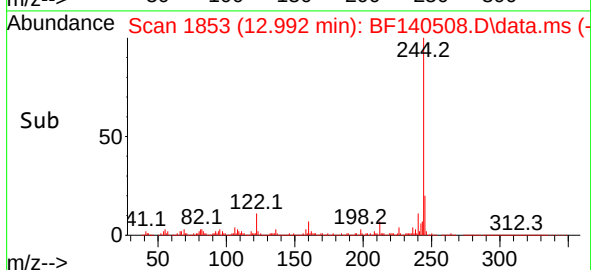
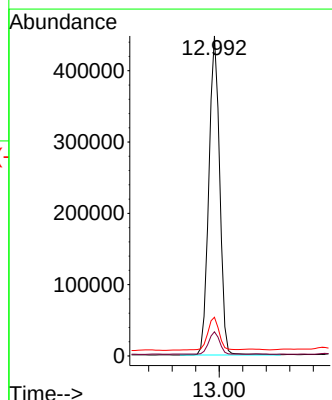
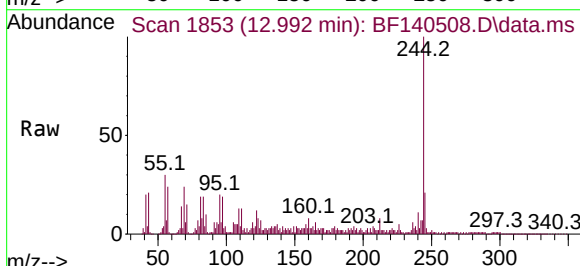
RT: 12.992 min Scan# 1853

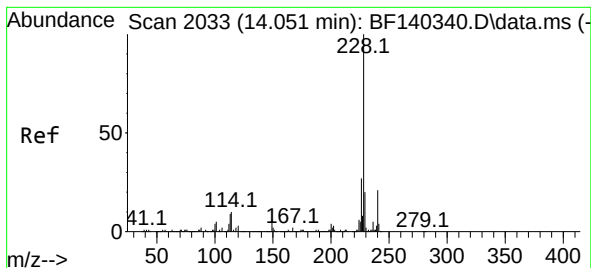
Delta R.T. 0.006 min

Lab File: BF140508.D

Acq: 20 Nov 2024 19:09

Tgt Ion:244	Resp:	571296
Ion Ratio	Lower	Upper
244	100	
212	7.5	5.8 8.8
122	12.1	8.8 13.2





#81

Benzo(a)anthracene

Concen: 4.883 ng

RT: 14.074 min Scan# 2037

Delta R.T. 0.035 min

Lab File: BF140508.D

Acq: 20 Nov 2024 19:09

Instrument :

BNA_F

ClientSampleId :

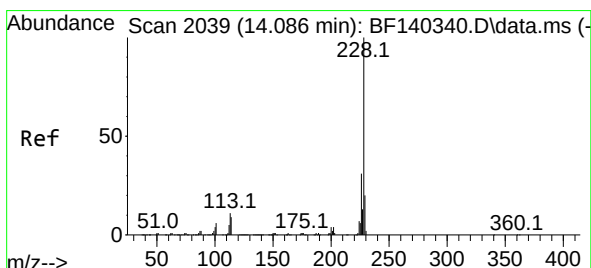
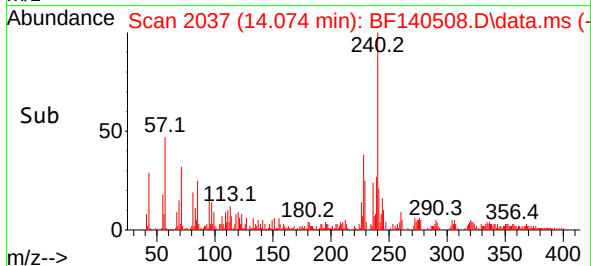
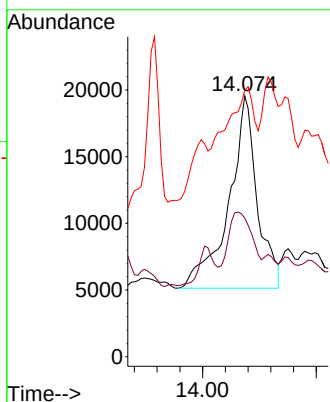
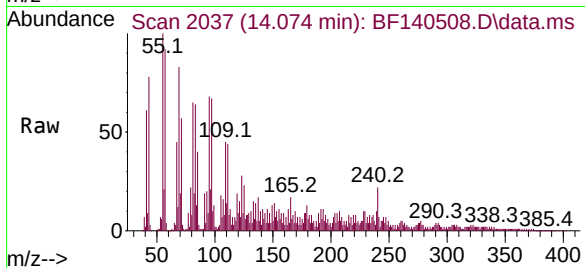
Tgt Ion:228 Resp: 49991

Ion Ratio Lower Upper

228 100

226 53.1 22.2 33.4#

229 102.2 15.8 23.6#



#83

Chrysene

Concen: 5.352 ng

RT: 14.074 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF140508.D

Acq: 20 Nov 2024 19:09

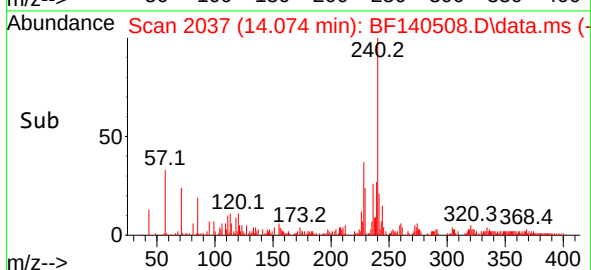
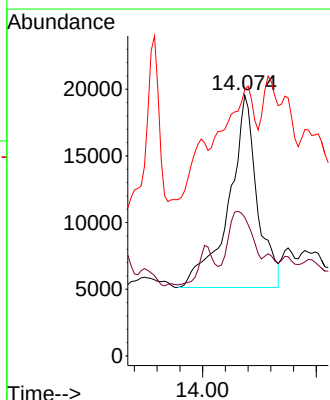
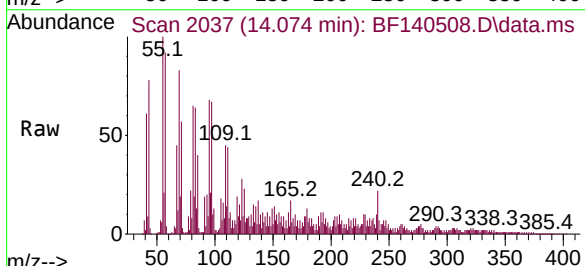
Tgt Ion:228 Resp: 49991

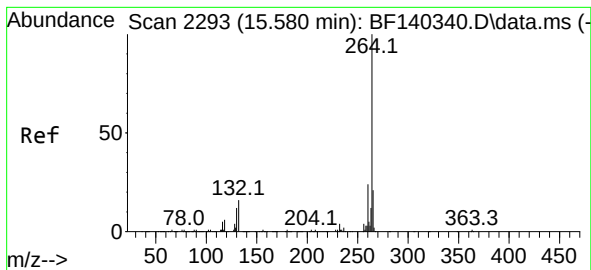
Ion Ratio Lower Upper

228 100

226 53.1 24.5 36.7#

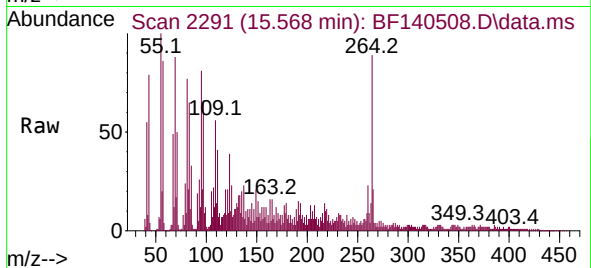
229 102.2 16.0 24.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF140508.D
Acq: 20 Nov 2024 19:09

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 143752
Ion Ratio Lower Upper
264 100
260 25.3 19.2 28.8
265 24.0 17.1 25.7

