

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
 Data File : BF124084.D
 Acq On : 27 May 2021 2:06
 Operator : JU/CG
 Sample : M2518-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 115

Quant Time: May 27 04:55:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

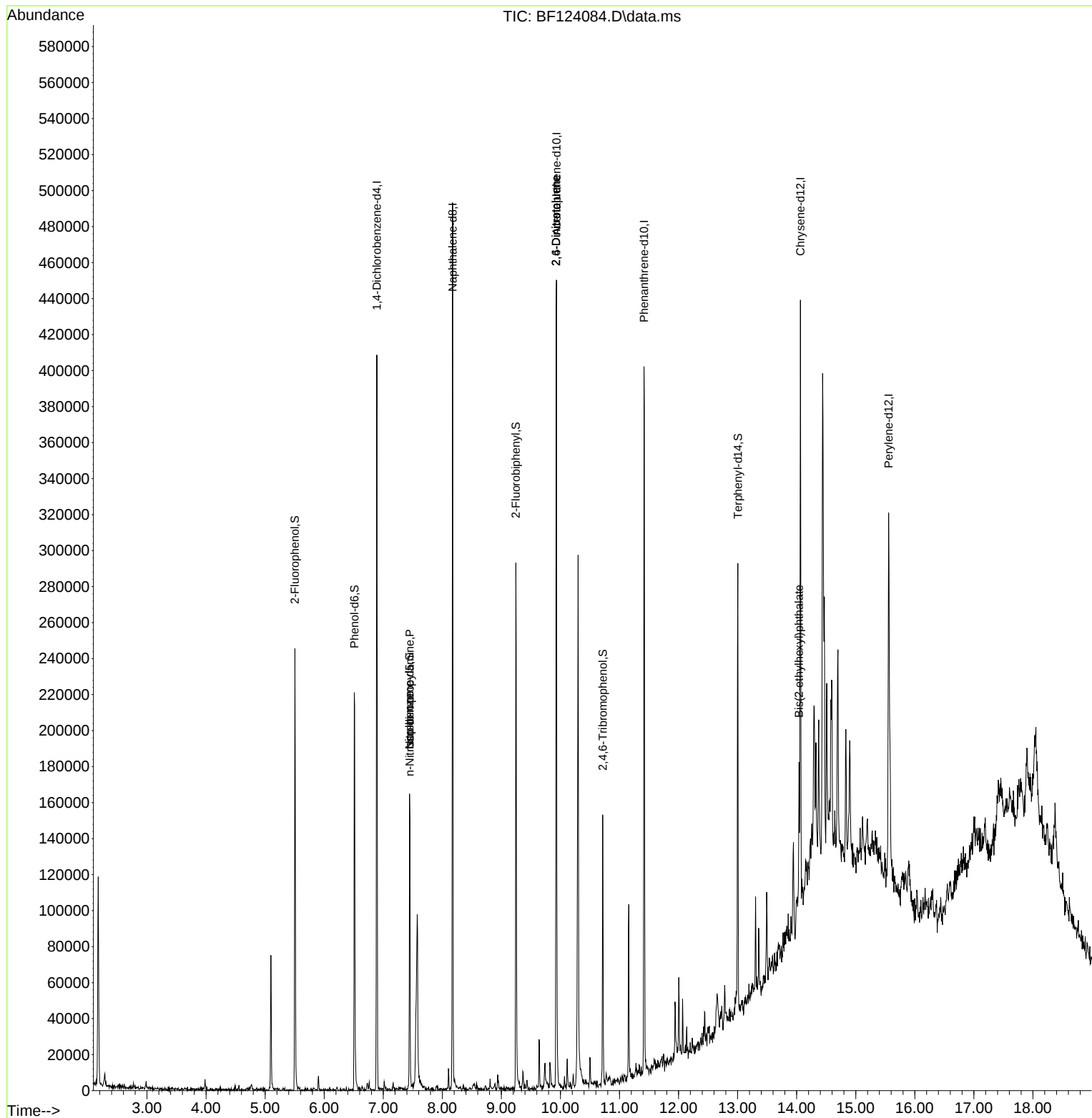
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	48597	20.00	ng	-0.01
21) Naphthalene-d8	8.175	136	172253	20.00	ng	-0.01
39) Acenaphthene-d10	9.933	164	97057	20.00	ng	-0.01
64) Phenanthrene-d10	11.416	188	134925	20.00	ng	-0.01
76) Chrysene-d12	14.063	240	94477	20.00	ng	0.00
86) Perylene-d12	15.557	264	84571	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	49861	14.41	ng	0.00
7) Phenol-d6	6.510	99	63789	14.21	ng	-0.01
23) Nitrobenzene-d5	7.445	82	48923	12.24	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	15827	13.58	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	85532	10.84	ng	-0.02
79) Terphenyl-d14	13.004	244	66696	10.69	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	7131	2.35	ng	# 74
25) Isophorone	7.445	82	48922	6.36	ng	# 69
51) 2,6-Dinitrotoluene	9.928	165	13400	8.55	ng	# 13
57) 2,4-Dinitrotoluene	9.928	165	13397	6.97	ng	# 19
84) Bis(2-ethylhexyl)phtha...	14.039	149	12104	2.61	ng	# 95

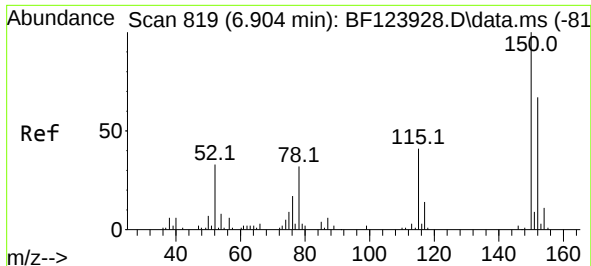
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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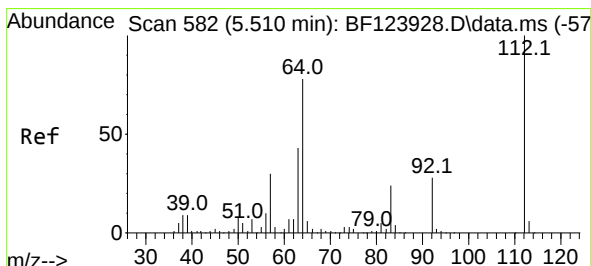
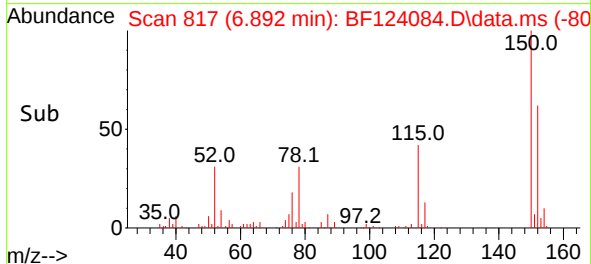
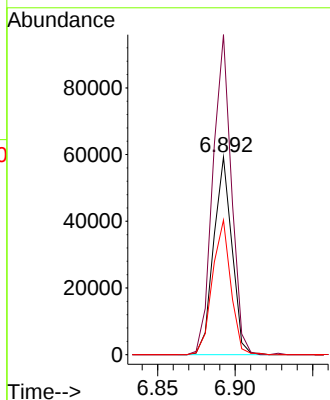
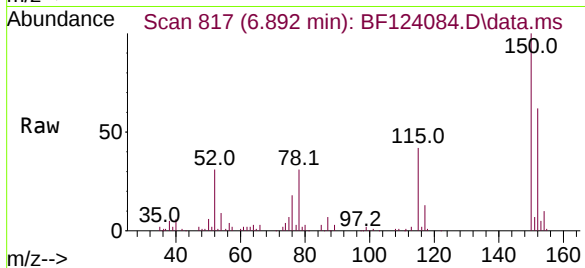




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF124084.D
Acq: 27 May 2021 2:06

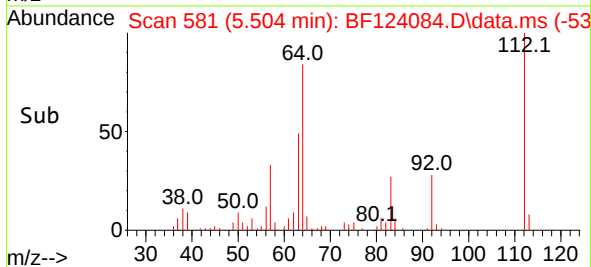
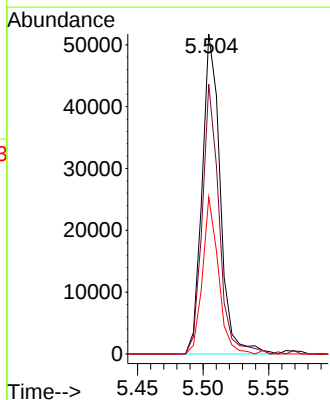
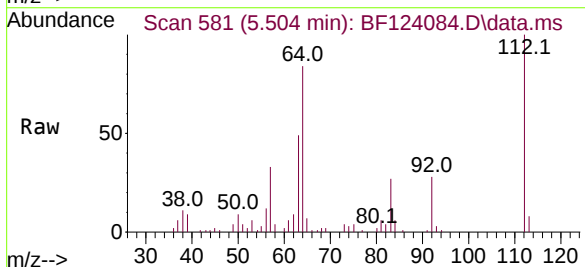
Instrument :
BNA_F
ClientSampled :
115

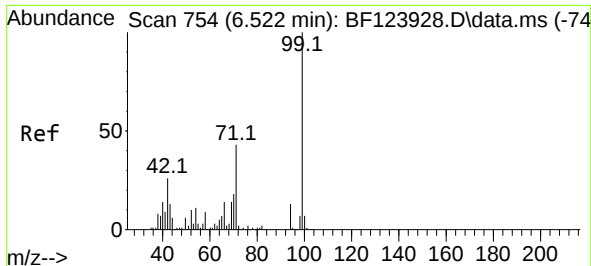
Tgt Ion:152 Resp: 48597
Ion Ratio Lower Upper
152 100
150 162.0 127.0 190.6
115 68.1 54.3 81.5



#5
2-Fluorophenol
Concen: 14.41 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF124084.D
Acq: 27 May 2021 2:06

Tgt Ion:112 Resp: 49861
Ion Ratio Lower Upper
112 100
64 84.3 61.4 92.0
63 49.0 33.0 49.4

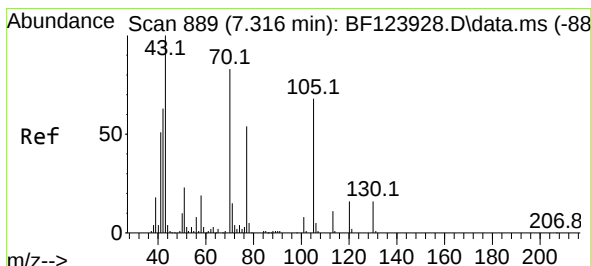
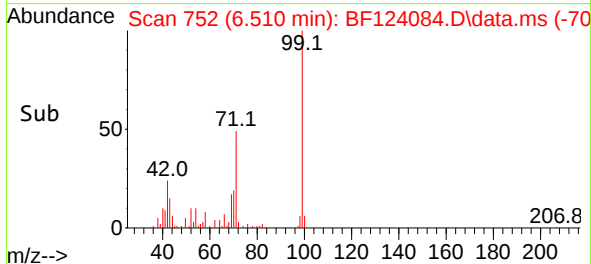
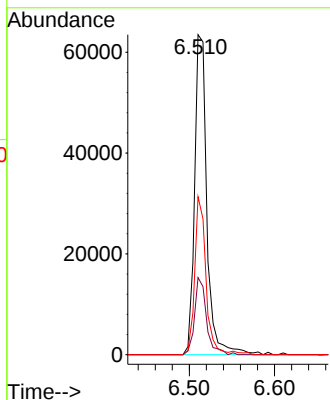
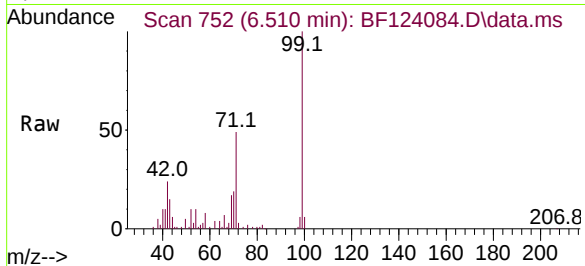




#7
Phenol-d6
Concen: 14.21 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF124084.D
Acq: 27 May 2021 2:06

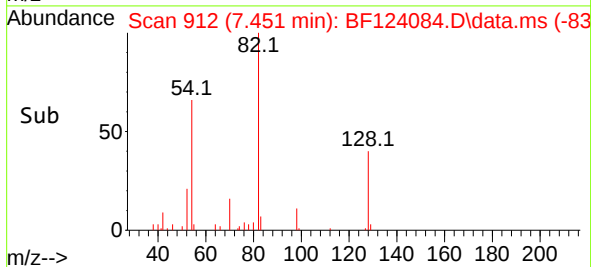
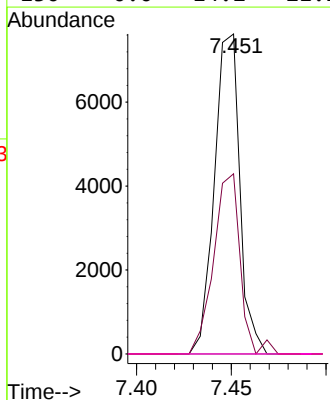
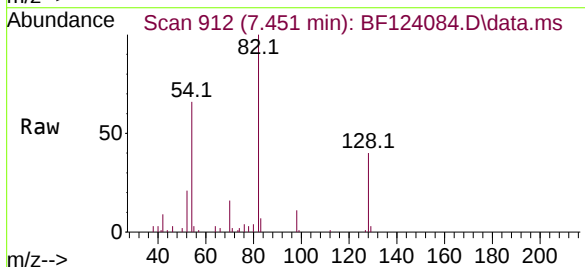
Instrument :
BNA_F
ClientSampleId :
115

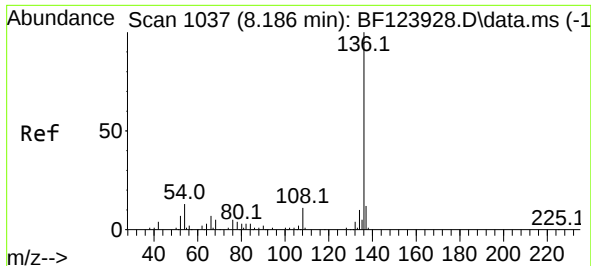
Tgt Ion: 99 Resp: 63789
Ion Ratio Lower Upper
99 100
42 24.1 19.8 29.8
71 49.3 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 2.35 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.135 min
Lab File: BF124084.D
Acq: 27 May 2021 2:06

Tgt Ion: 70 Resp: 7131
Ion Ratio Lower Upper
70 100
42 56.3 60.1 90.1#
101 0.0 7.4 11.2#
130 0.0 14.2 21.2#

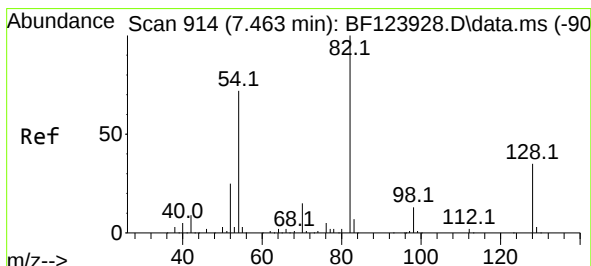
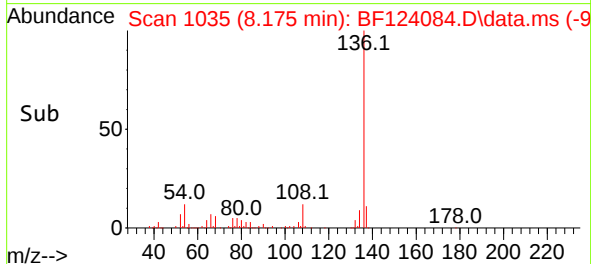
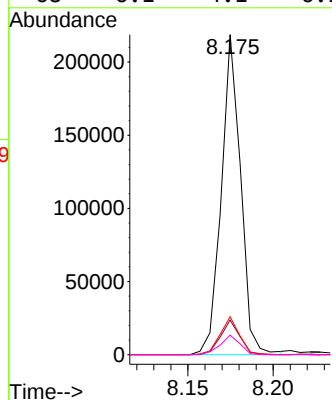
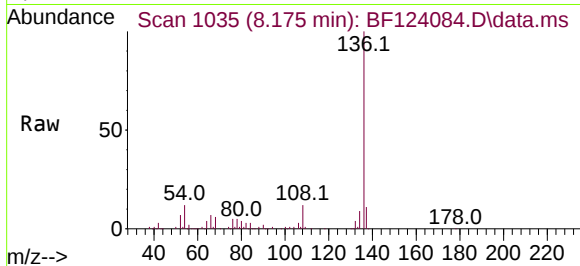




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.011 min
Lab File: BF124084.D
Acq: 27 May 2021 2:06

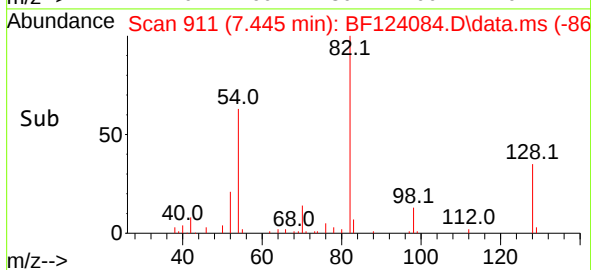
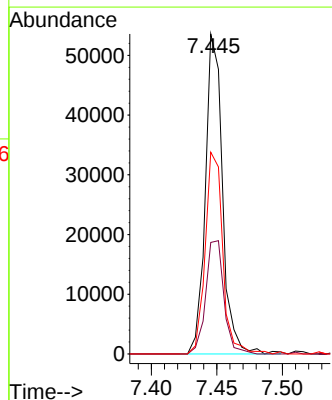
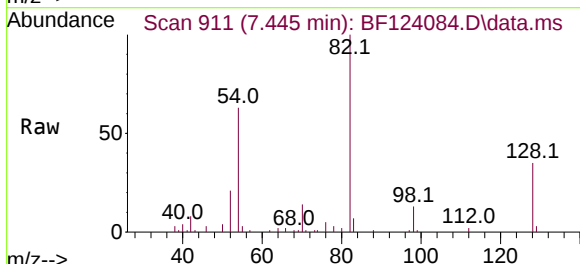
Instrument :
BNA_F
ClientSampled :
115

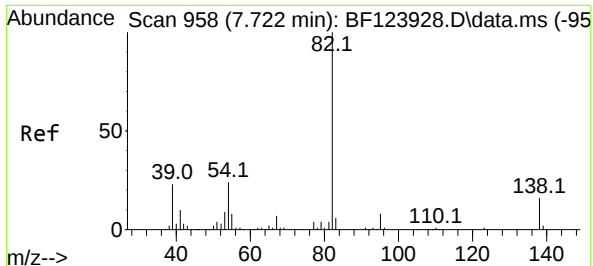
Tgt Ion:136	Resp:	172253
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.7 13.1
54	11.9	9.8 14.6
68	6.1	4.1 6.1



#23
Nitrobenzene-d5
Concen: 12.24 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.018 min
Lab File: BF124084.D
Acq: 27 May 2021 2:06

Tgt Ion: 82	Resp:	48923
Ion Ratio	Lower	Upper
82	100	
128	34.8	29.4 44.2
54	63.1	54.1 81.1

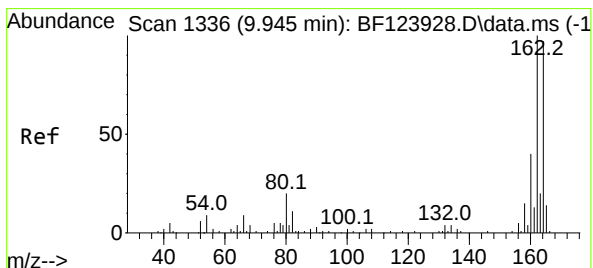
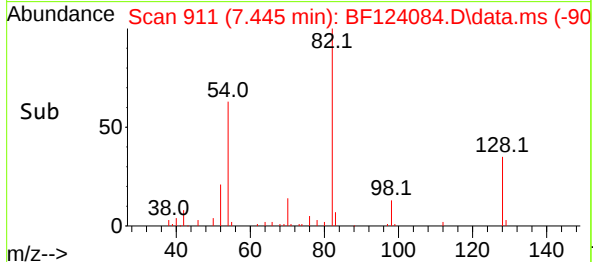
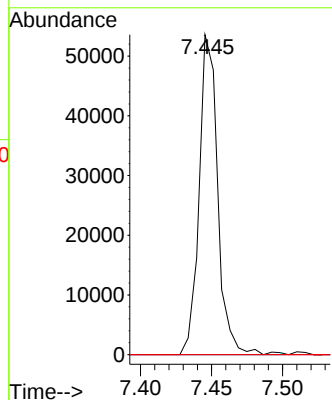
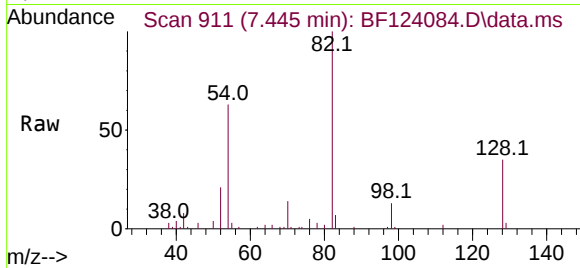




#25
Isophorone
Concen: 6.36 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.276 min
Lab File: BF124084.D
Acq: 27 May 2021 2:06

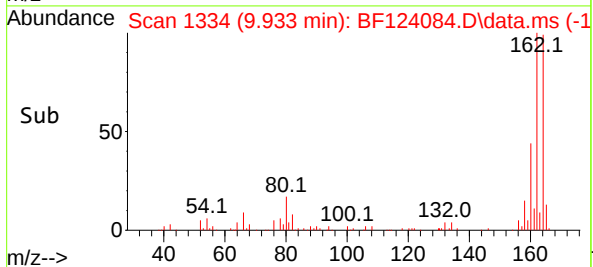
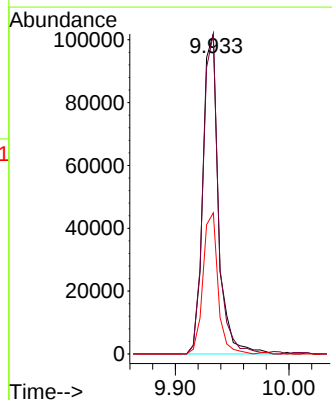
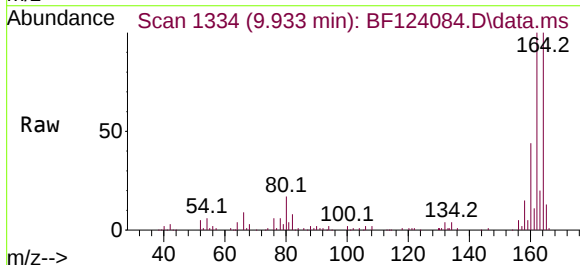
Instrument :
BNA_F
ClientSampled :
115

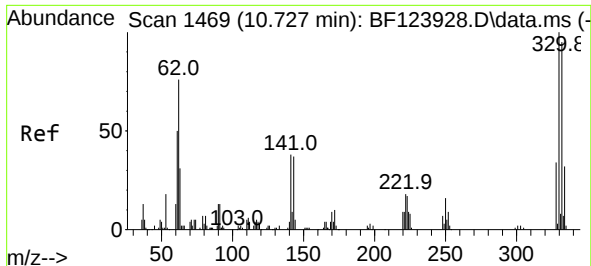
Tgt Ion: 82 Resp: 48922
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF124084.D
Acq: 27 May 2021 2:06

Tgt Ion: 164 Resp: 97057
Ion Ratio Lower Upper
164 100
162 99.9 80.7 121.1
160 44.1 37.3 55.9

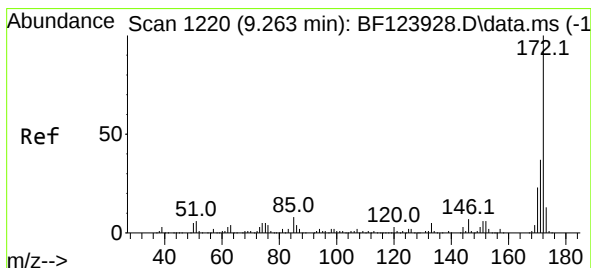
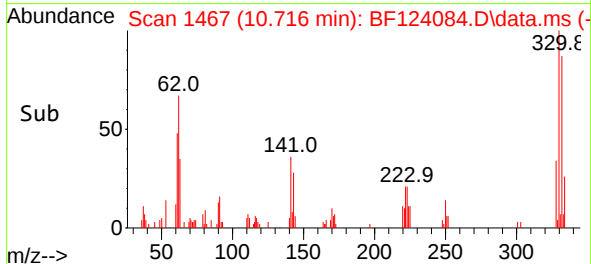
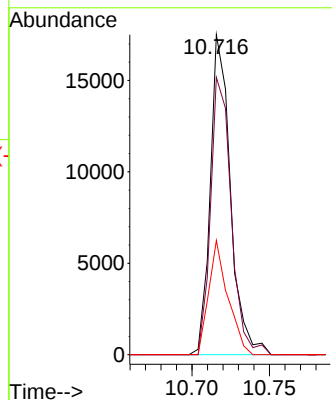
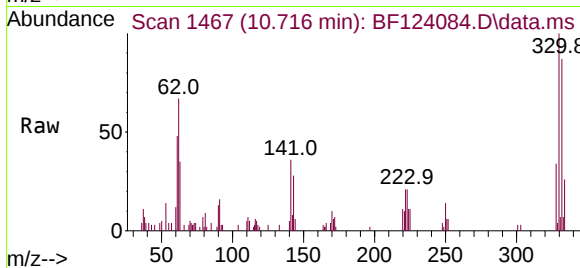




#42
2,4,6-Tribromophenol
Concen: 13.58 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.012 min
Lab File: BF124084.D
Acq: 27 May 2021 2:06

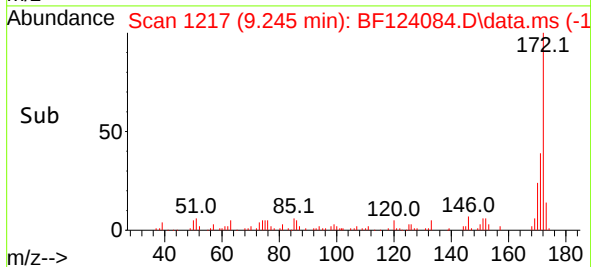
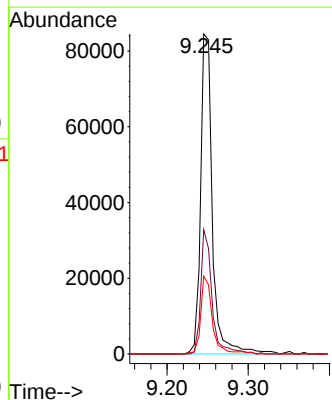
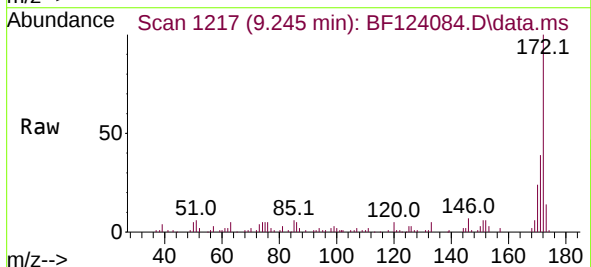
Instrument :
BNA_F
ClientSampled :
115

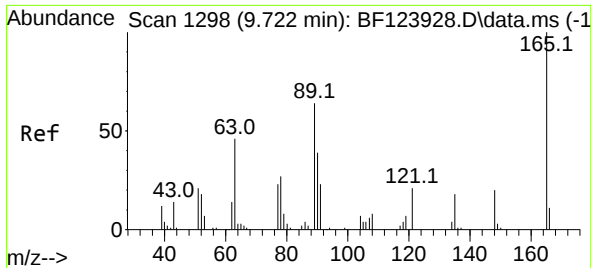
Tgt Ion: 330 Resp: 15827
Ion Ratio Lower Upper
330 100
332 88.6 77.1 115.7
141 33.9 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 10.84 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.018 min
Lab File: BF124084.D
Acq: 27 May 2021 2:06

Tgt Ion: 172 Resp: 85532
Ion Ratio Lower Upper
172 100
171 38.8 28.1 42.1
170 24.3 19.2 28.8

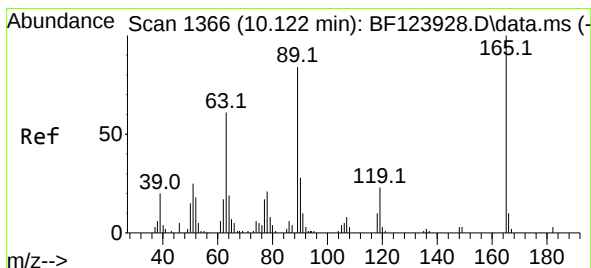
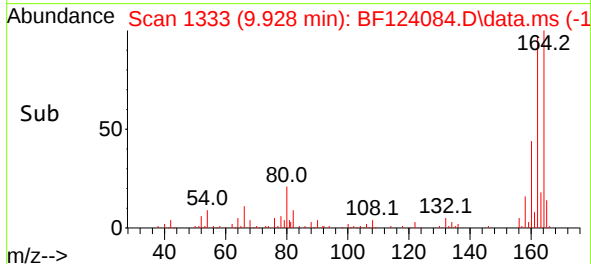
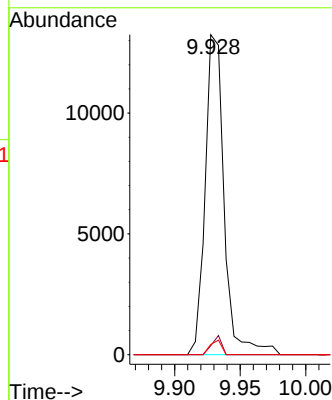
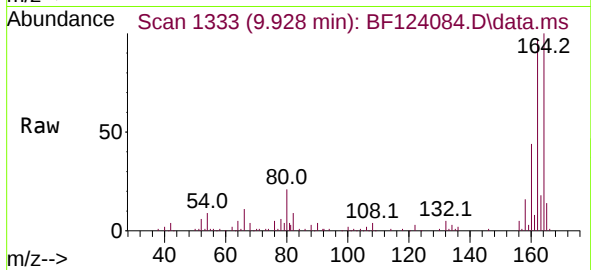




#51
2,6-Dinitrotoluene
Concen: 8.55 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.206 min
Lab File: BF124084.D
Acq: 27 May 2021 2:06

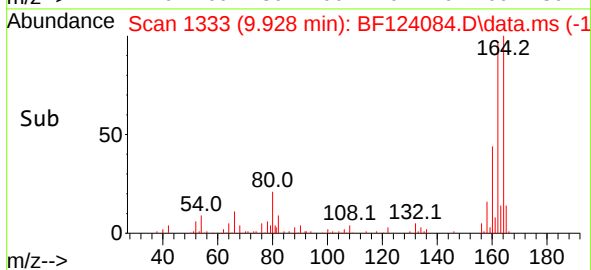
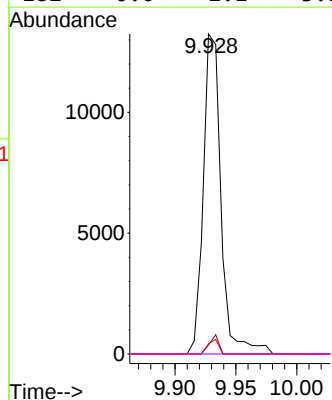
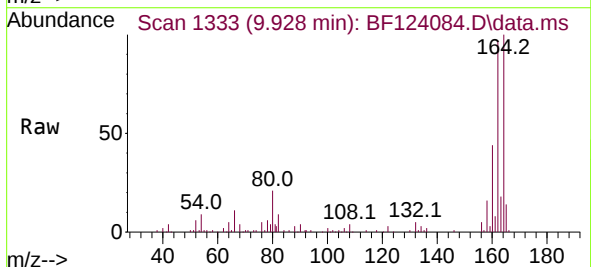
Instrument :
BNA_F
ClientSampled :
115

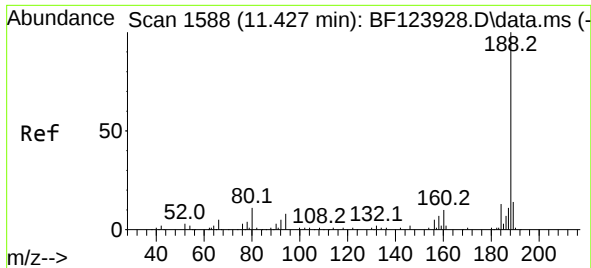
Tgt Ion:165 Resp: 13400
Ion Ratio Lower Upper
165 100
63 2.8 67.7 101.5#
89 3.2 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.97 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF124084.D
Acq: 27 May 2021 2:06

Tgt Ion:165 Resp: 13397
Ion Ratio Lower Upper
165 100
63 2.8 43.5 65.3#
89 3.2 67.7 101.5#
182 0.0 2.1 3.1#

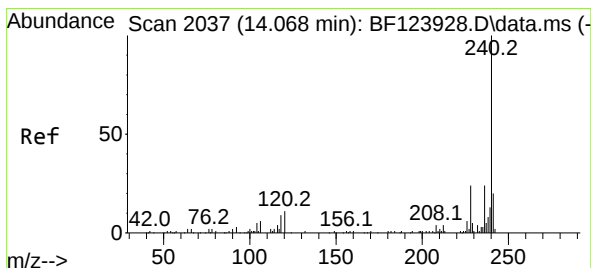
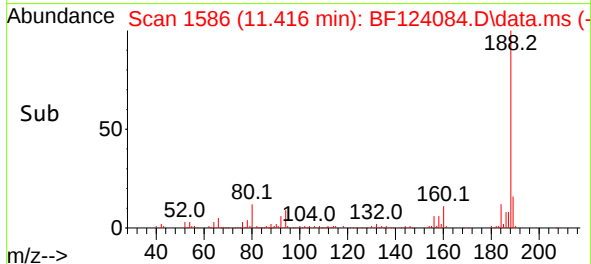
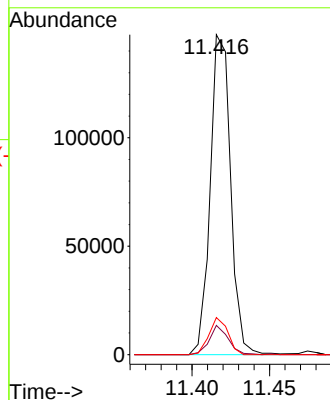
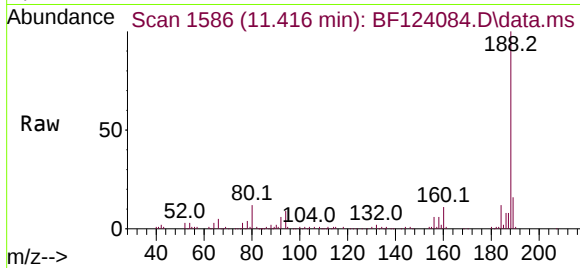




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.011 min
Lab File: BF124084.D
Acq: 27 May 2021 2:06

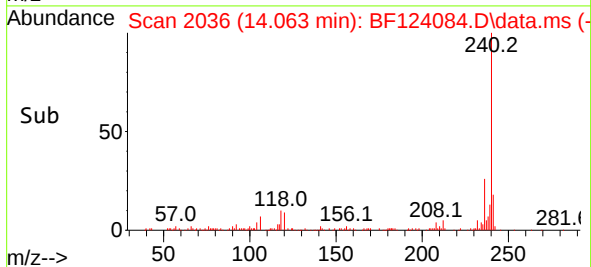
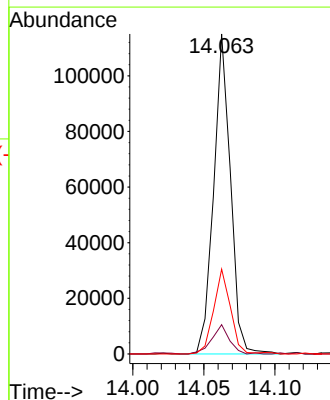
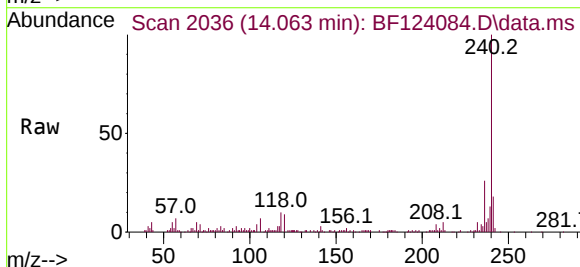
Instrument :
BNA_F
ClientSampled :
115

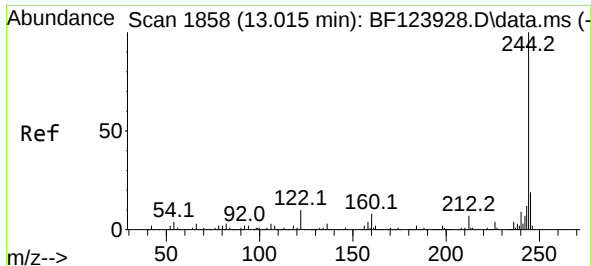
Tgt Ion:188 Resp: 134925
Ion Ratio Lower Upper
188 100
94 9.1 6.9 10.3
80 11.6 8.2 12.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF124084.D
Acq: 27 May 2021 2:06

Tgt Ion:240 Resp: 94477
Ion Ratio Lower Upper
240 100
120 9.2 7.2 10.8
236 26.5 19.0 28.4

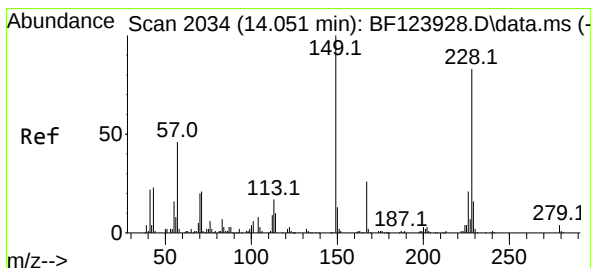
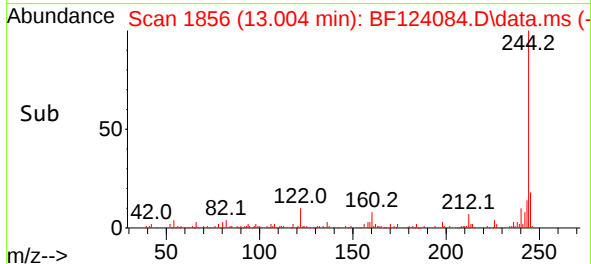
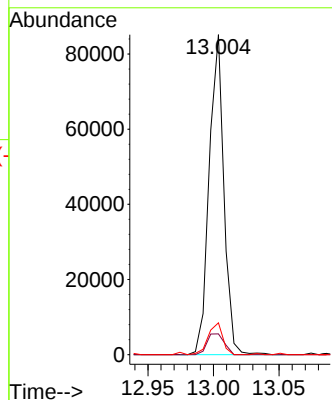
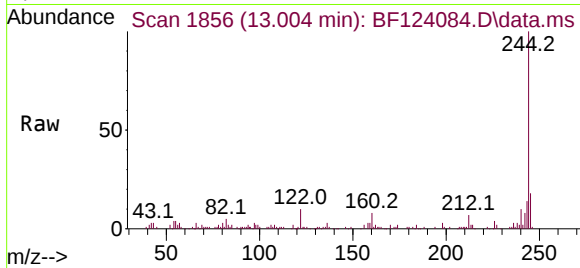




#79
 Terphenyl-d14
 Concen: 10.69 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. -0.012 min
 Lab File: BF124084.D
 Acq: 27 May 2021 2:06

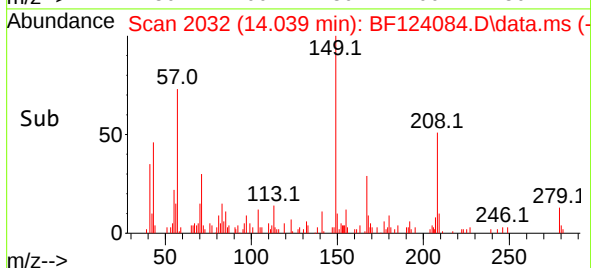
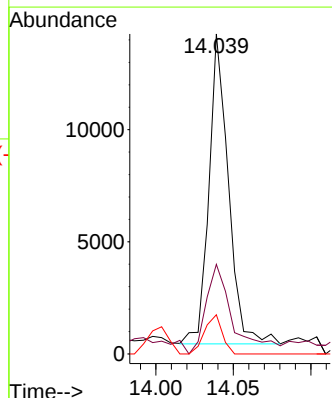
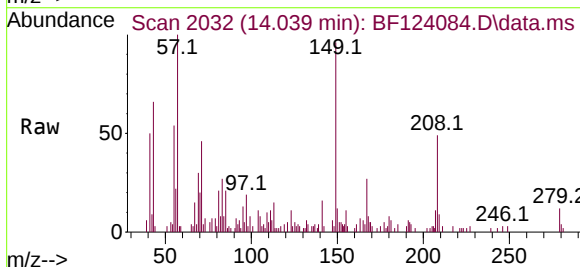
Instrument :
 BNA_F
 ClientSampled :
 115

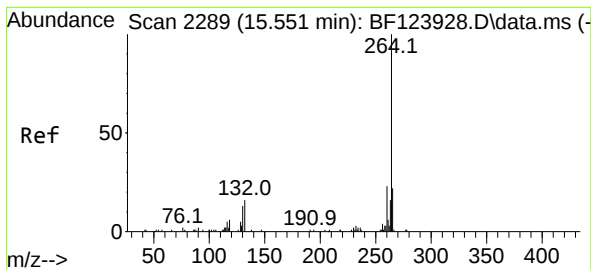
Tgt Ion:244 Resp: 66696
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.7 8.5
 122 9.9 9.7 14.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.61 ng
 RT: 14.039 min Scan# 2032
 Delta R.T. -0.012 min
 Lab File: BF124084.D
 Acq: 27 May 2021 2:06

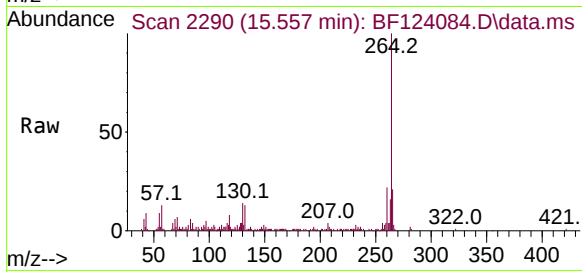
Tgt Ion:149 Resp: 12104
 Ion Ratio Lower Upper
 149 100
 167 28.0 21.8 32.6
 279 12.3 3.3 4.9#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.557 min Scan# 2290
Delta R.T. 0.006 min
Lab File: BF124084.D
Acq: 27 May 2021 2:06

Instrument :
BNA_F
ClientSampleId :
115



Tgt Ion:	264	Resp:	84571
Ion Ratio	Lower	Upper	
264	100		
260	22.3	18.7	28.1
265	21.2	17.8	26.8

