

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
 Data File : BF124406.D
 Acq On : 21 Jun 2021 22:16
 Operator : JU/CG
 Sample : M2773-05 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5

Quant Time: Jun 22 01:34:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 20:09:26 2021
 Response via : Initial Calibration

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

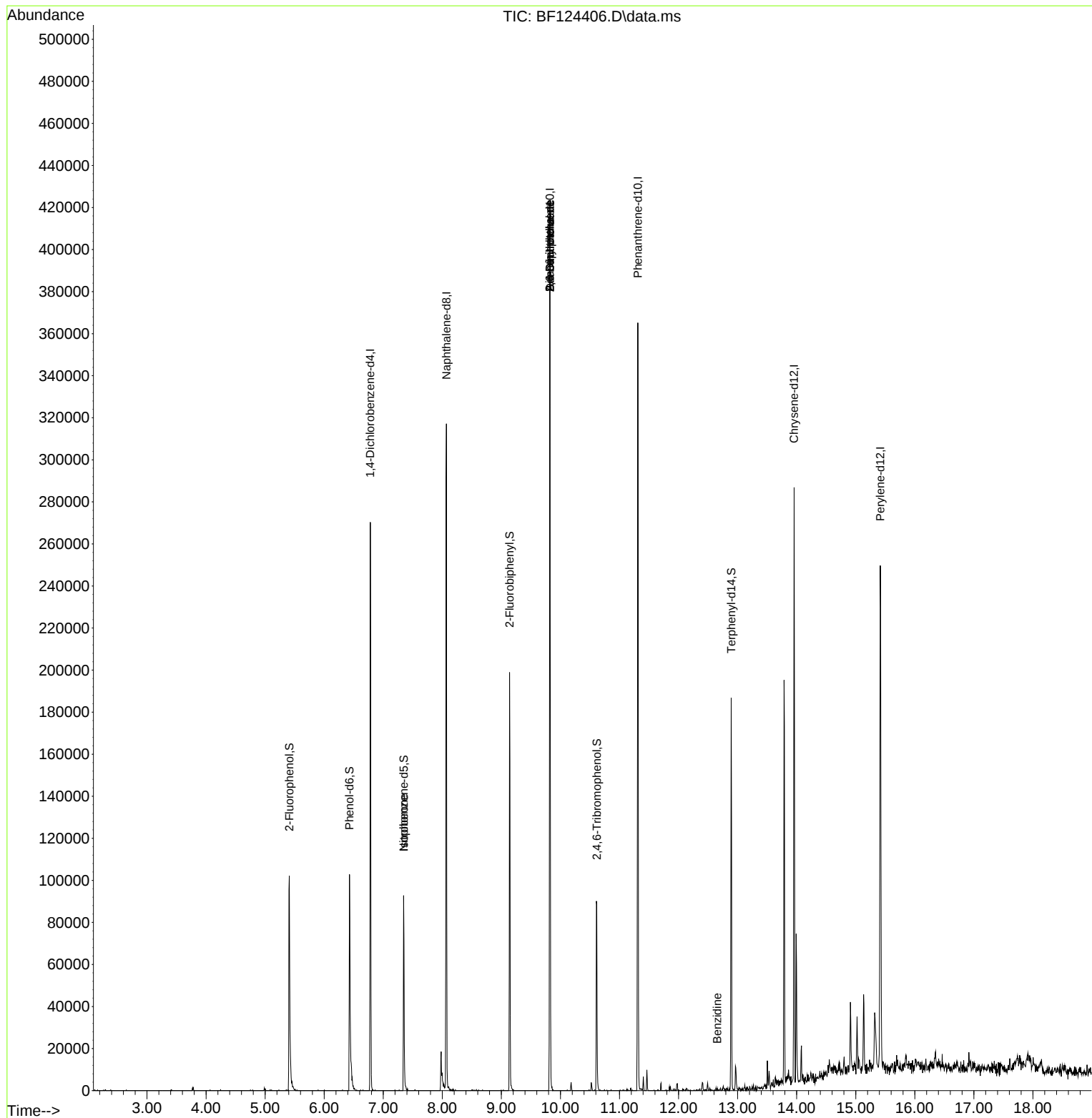
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	33169	20.00	ng	0.00
21) Naphthalene-d8	8.069	136	132431	20.00	ng	# 0.00
39) Acenaphthene-d10	9.822	164	72756	20.00	ng	0.00
64) Phenanthrene-d10	11.310	188	122367	20.00	ng	0.00
76) Chrysene-d12	13.957	240	85923	20.00	ng	0.00
86) Perylene-d12	15.415	264	98995	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	30777	13.97	ng	0.00
7) Phenol-d6	6.428	99	36628	12.37	ng	-0.02
23) Nitrobenzene-d5	7.345	82	28918	8.66	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	11099	10.77	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	53348	9.23	ng	-0.01
79) Terphenyl-d14	12.892	244	48510	7.75	ng	-0.01
Target Compounds						
25) Isophorone	7.345	82	28918	4.81	ng	# 69
50) Dimethylphthalate	9.822	163	13719	2.28	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	9567	6.93	ng	# 10
57) 2,4-Dinitrotoluene	9.822	165	9567	5.26	ng	# 15
77) Benzidine	12.657	184	126	4.12	ng	# 68

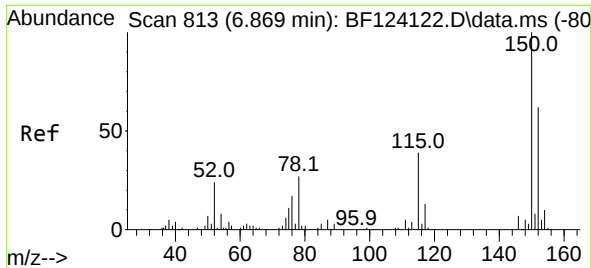
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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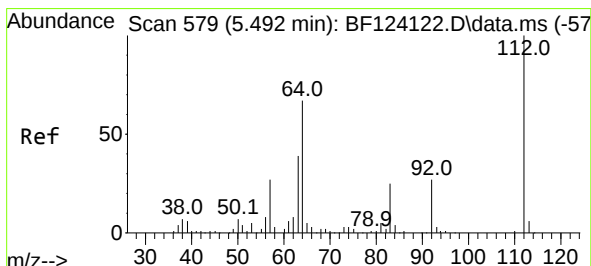
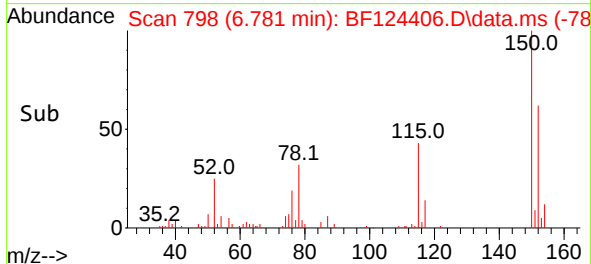
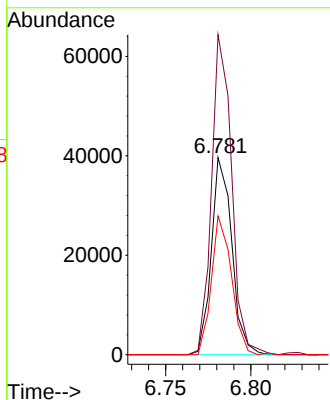
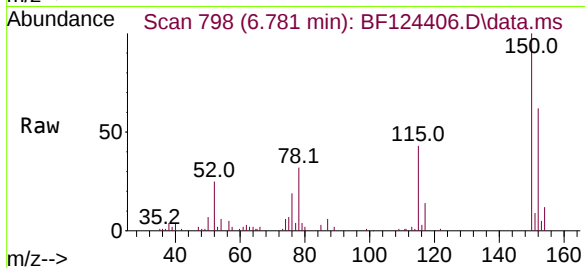




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124406.D
Acq: 21 Jun 2021 22:16

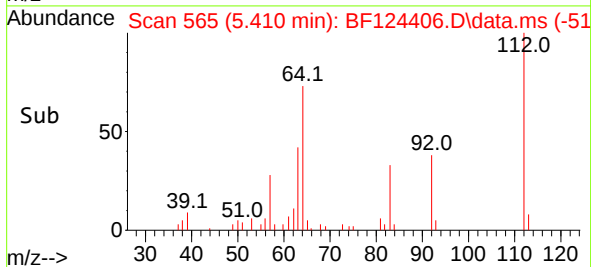
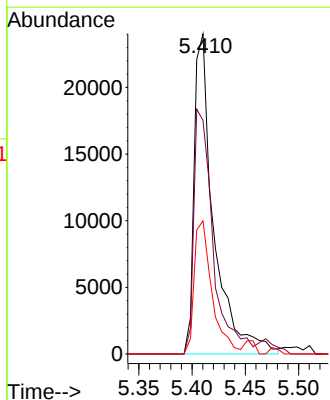
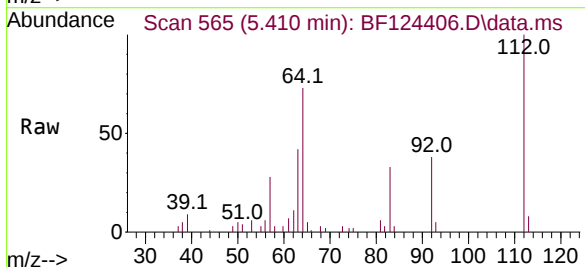
Instrument :
BNA_F
ClientSampleId :
SB-5

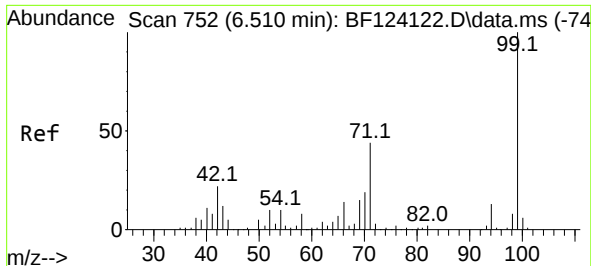
Tgt Ion:152 Resp: 33169
Ion Ratio Lower Upper
152 100
150 162.3 127.0 190.6
115 70.4 54.3 81.5



#5
2-Fluorophenol
Concen: 13.97 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124406.D
Acq: 21 Jun 2021 22:16

Tgt Ion:112 Resp: 30777
Ion Ratio Lower Upper
112 100
64 73.0 61.4 92.0
63 41.6 33.0 49.4

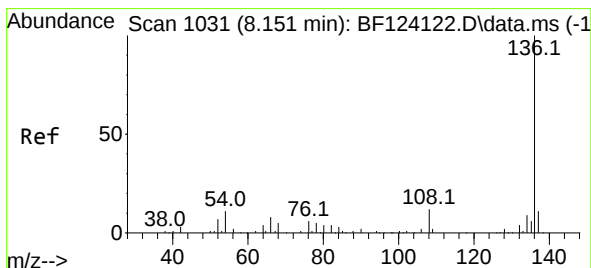
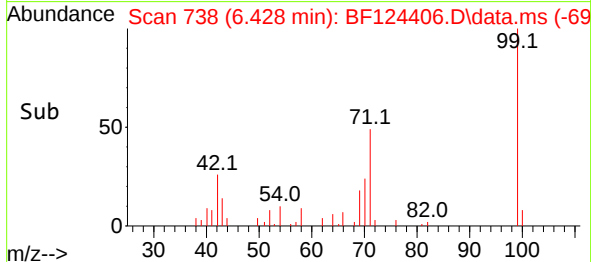
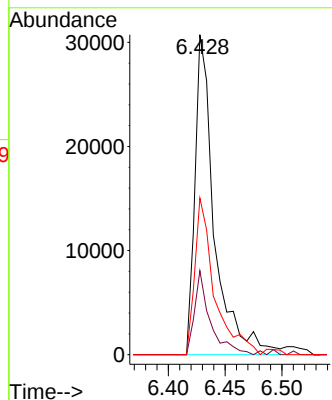
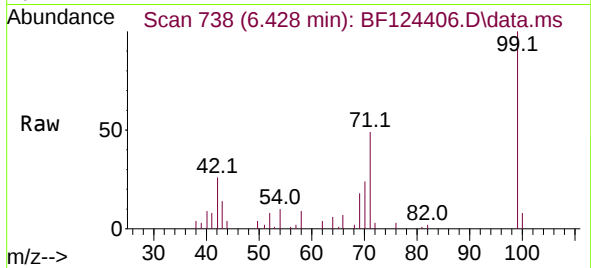




#7
Phenol-d6
Concen: 12.37 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF124406.D
Acq: 21 Jun 2021 22:16

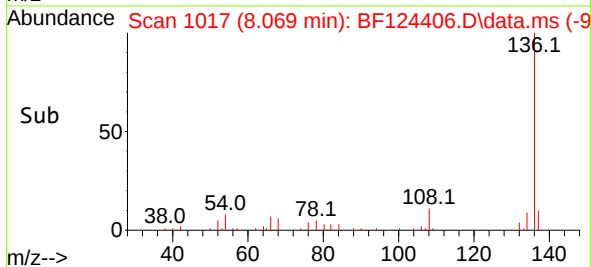
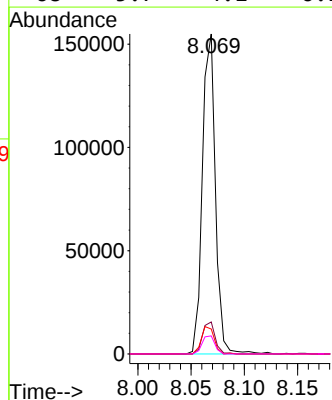
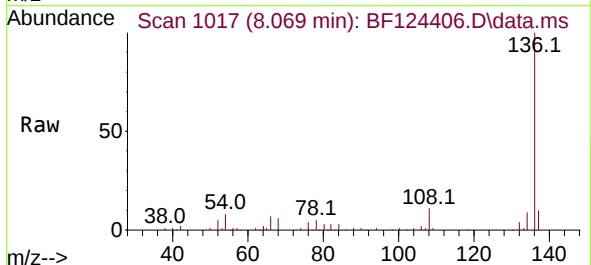
Instrument :
BNA_F
ClientSampled :
SB-5

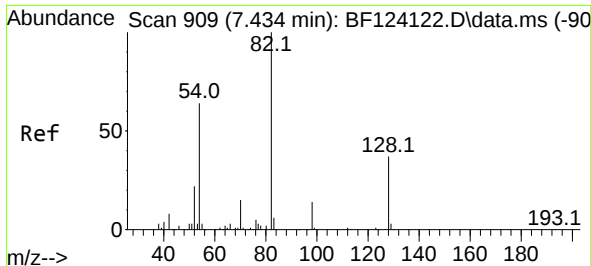
Tgt Ion: 99 Resp: 36628
Ion Ratio Lower Upper
99 100
42 26.2 19.8 29.8
71 49.0 31.1 46.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124406.D
Acq: 21 Jun 2021 22:16

Tgt Ion: 136 Resp: 132431
Ion Ratio Lower Upper
136 100
137 10.0 8.7 13.1
54 7.8 9.8 14.6#
68 5.7 4.1 6.1





#23

Nitrobenzene-d5

Concen: 8.66 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF124406.D

Acq: 21 Jun 2021 22:16

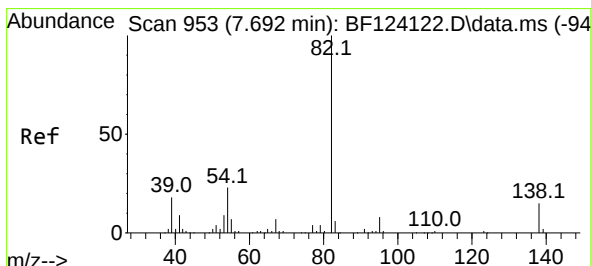
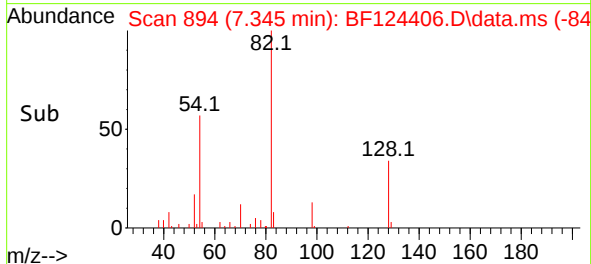
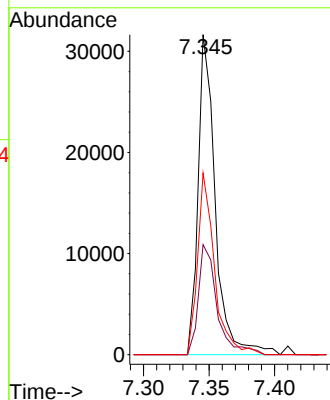
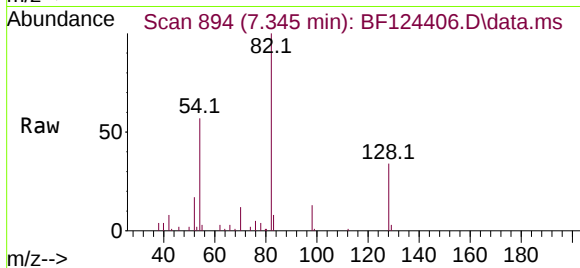
Instrument :

BNA_F

ClientSampled :

SB-5

Tgt Ion:	82	Resp:	28918
Ion	Ratio	Lower	Upper
82	100		
128	34.4	29.4	44.2
54	56.8	54.1	81.1



#25

Isophorone

Concen: 4.81 ng

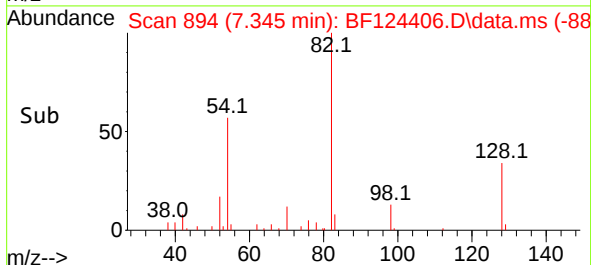
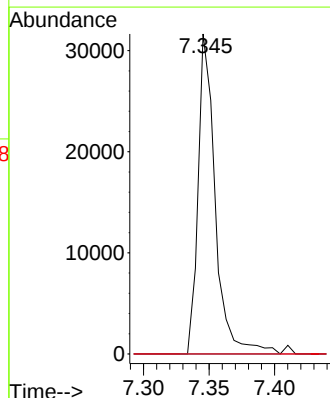
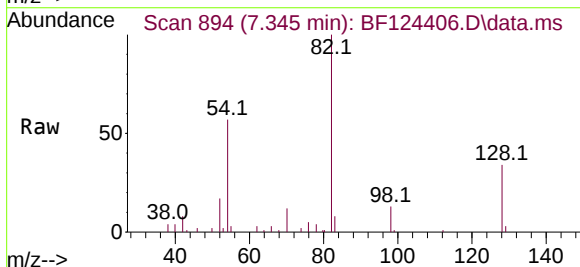
RT: 7.345 min Scan# 894

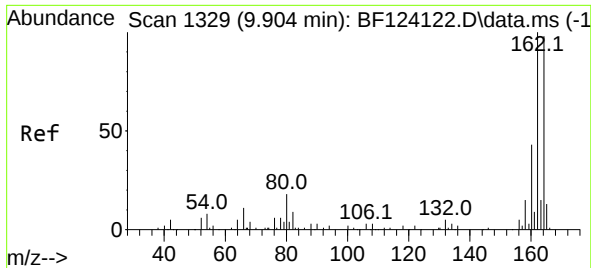
Delta R.T. -0.270 min

Lab File: BF124406.D

Acq: 21 Jun 2021 22:16

Tgt Ion:	82	Resp:	28918
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	11.8	17.8#

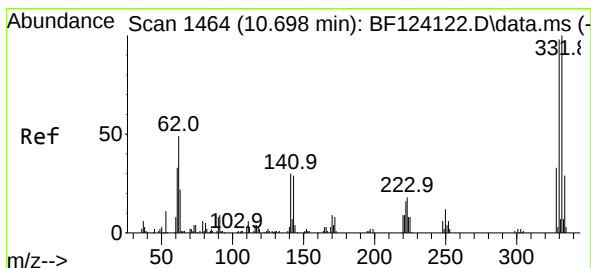
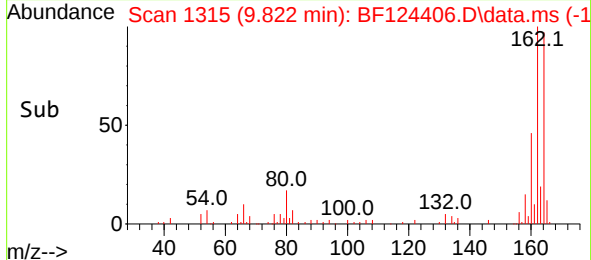
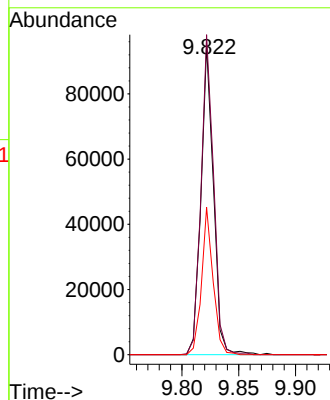
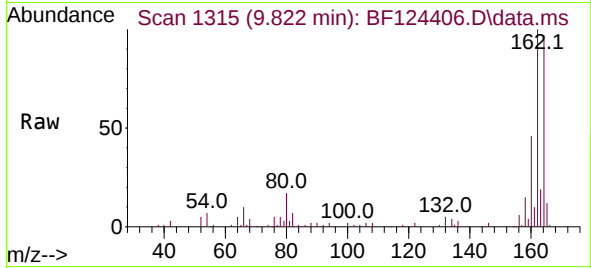




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124406.D
Acq: 21 Jun 2021 22:16

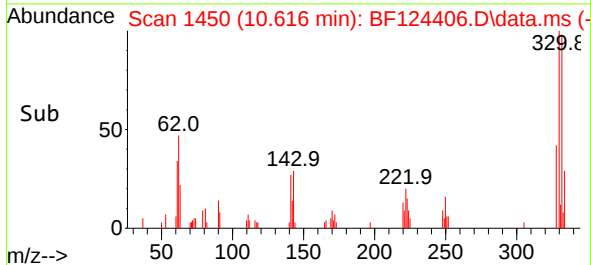
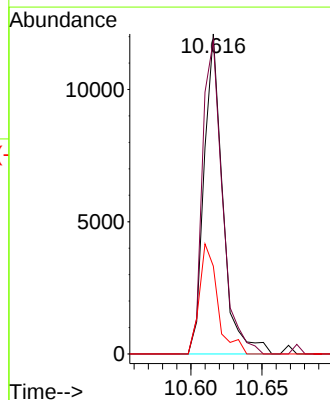
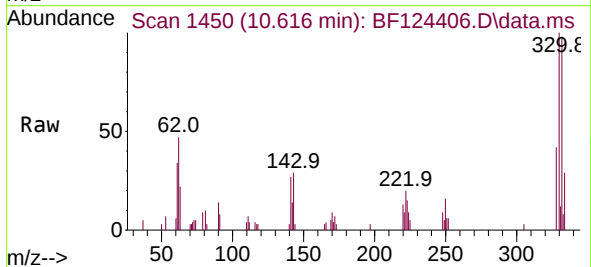
Instrument :
BNA_F
ClientSampleId :
SB-5

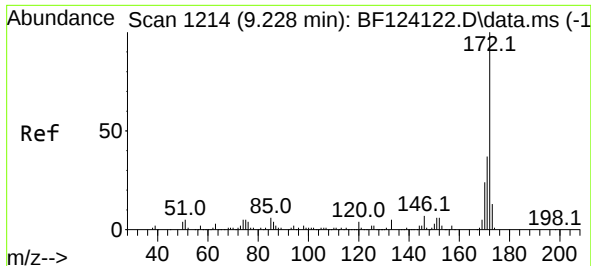
Tgt Ion:164 Resp: 72756
Ion Ratio Lower Upper
164 100
162 103.6 80.7 121.1
160 47.7 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 10.77 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124406.D
Acq: 21 Jun 2021 22:16

Tgt Ion:330 Resp: 11099
Ion Ratio Lower Upper
330 100
332 104.9 77.1 115.7
141 33.5 27.9 41.9

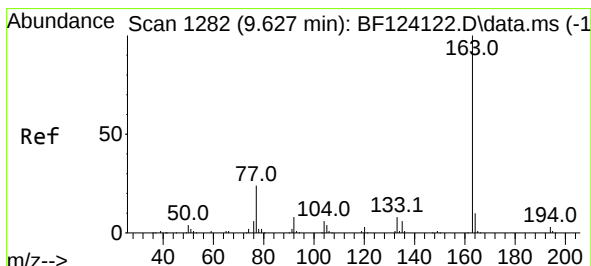
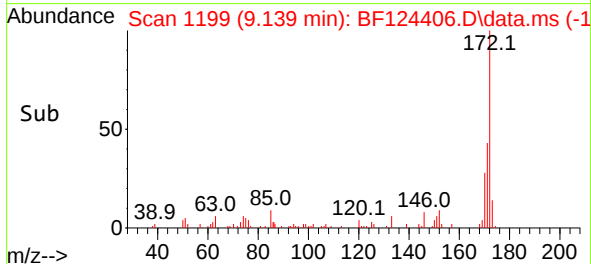
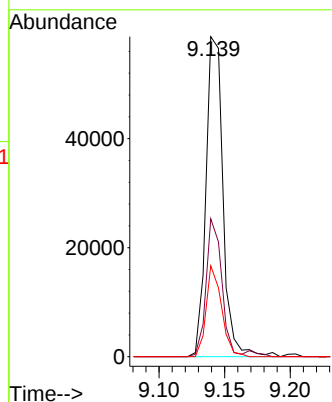
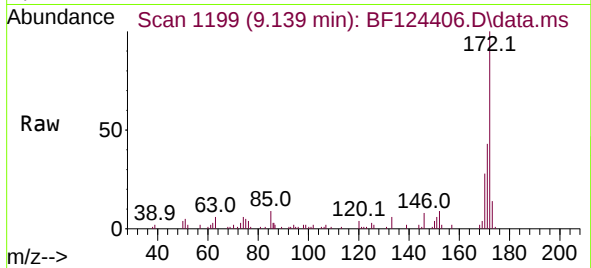




#45
2-Fluorobiphenyl
Concen: 9.23 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF124406.D
Acq: 21 Jun 2021 22:16

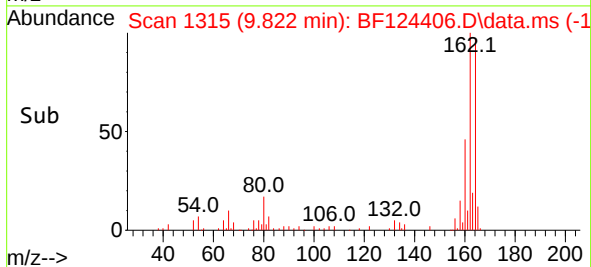
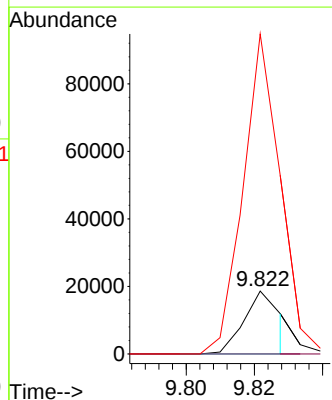
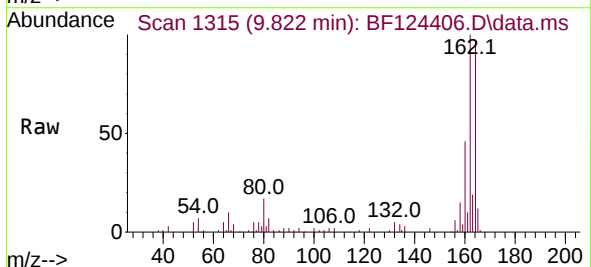
Instrument :
BNA_F
ClientSampled :
SB-5

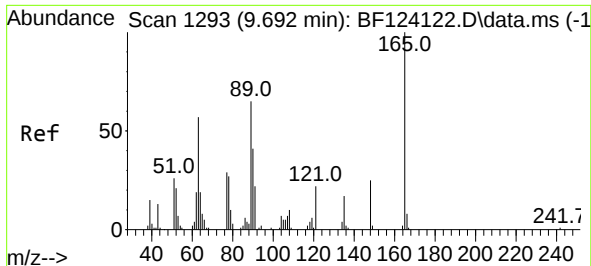
Tgt Ion:172 Resp: 53348
Ion Ratio Lower Upper
172 100
171 43.1 28.1 42.1#
170 28.4 19.2 28.8



#50
Dimethylphthalate
Concen: 2.28 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124406.D
Acq: 21 Jun 2021 22:16

Tgt Ion:163 Resp: 13719
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 508.4 8.2 12.2#

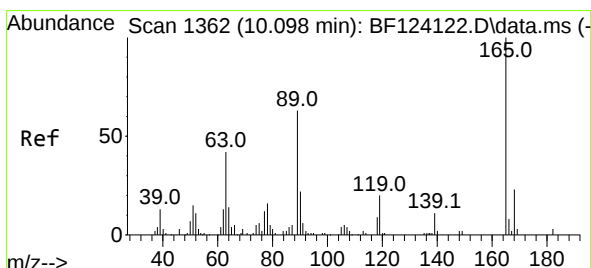
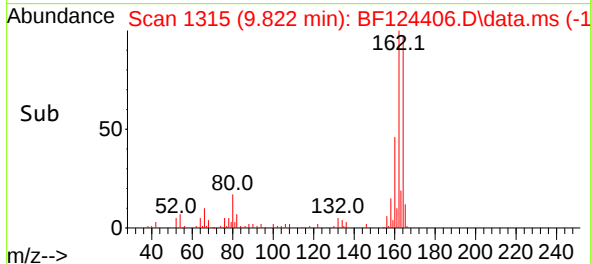
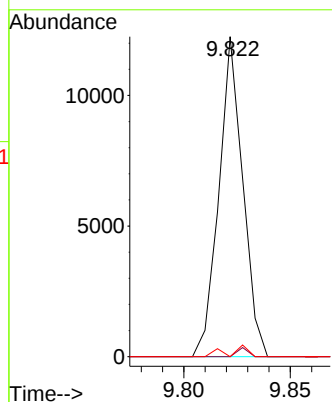
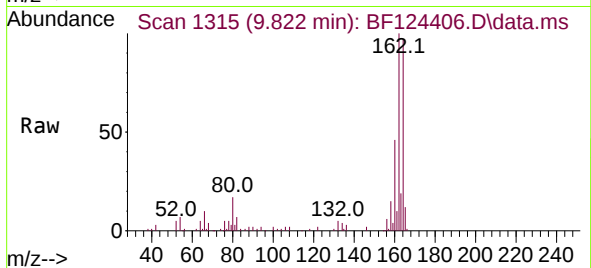




#51
2,6-Dinitrotoluene
Concen: 6.93 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124406.D
Acq: 21 Jun 2021 22:16

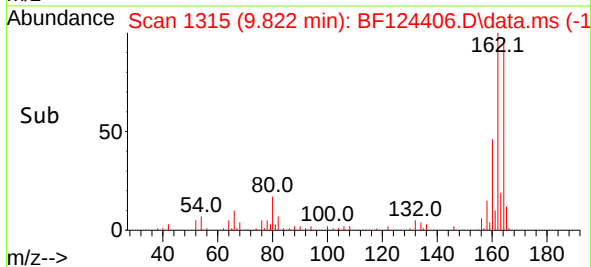
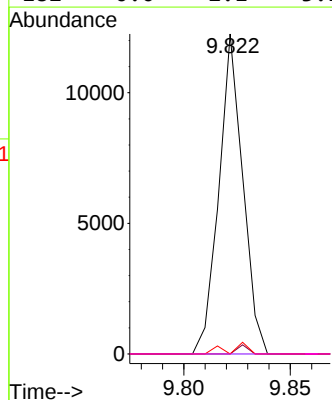
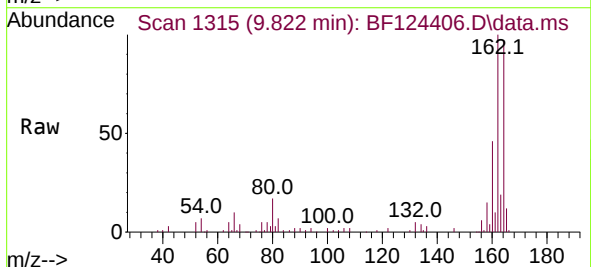
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ClientSampled :
SB-5

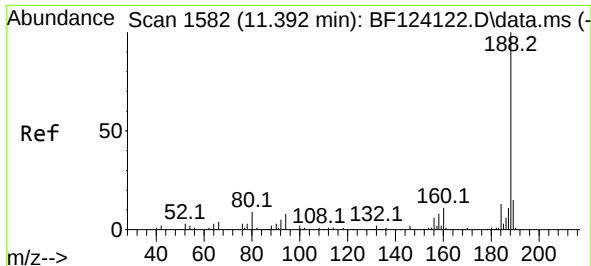
Tgt Ion:165 Resp: 9567
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.26 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124406.D
Acq: 21 Jun 2021 22:16

Tgt Ion:165 Resp: 9567
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

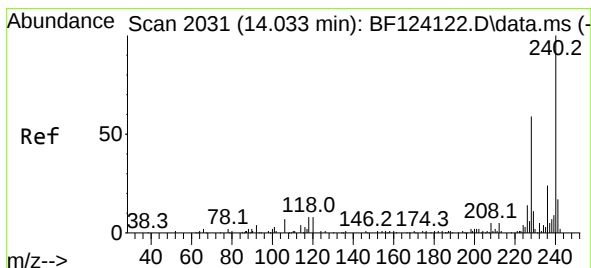
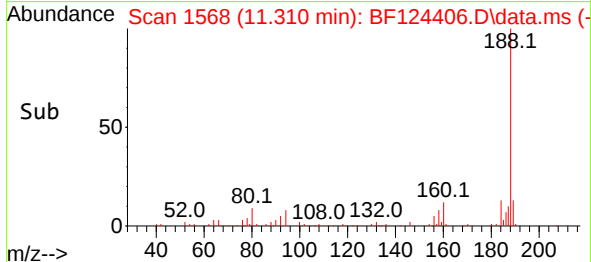
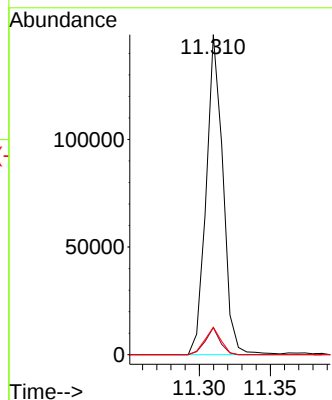
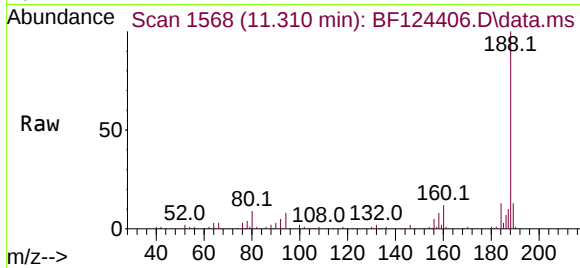




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124406.D
Acq: 21 Jun 2021 22:16

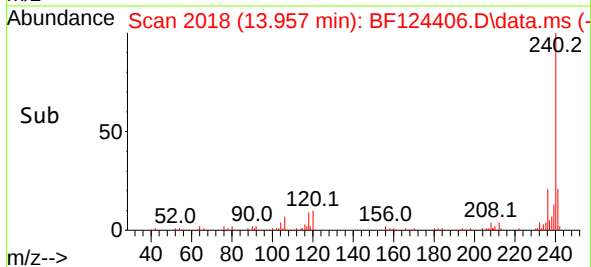
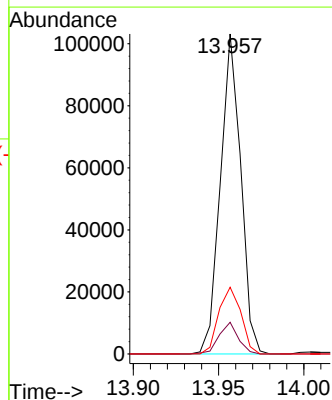
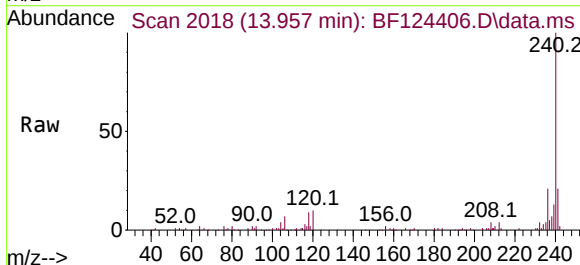
Instrument :
BNA_F
ClientSampled :
SB-5

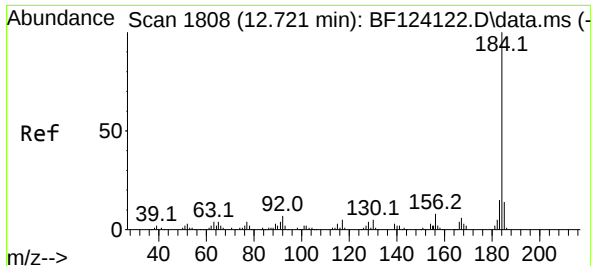
Tgt Ion:188 Resp: 122367
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 8.6 8.2 12.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124406.D
Acq: 21 Jun 2021 22:16

Tgt Ion:240 Resp: 85923
Ion Ratio Lower Upper
240 100
120 9.9 7.2 10.8
236 20.8 19.0 28.4

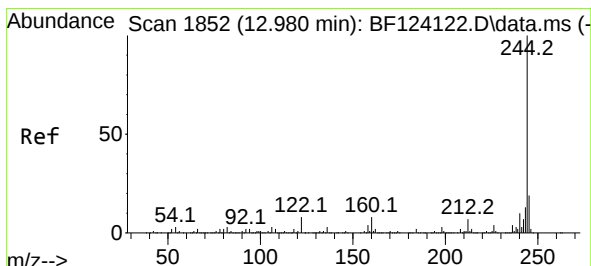
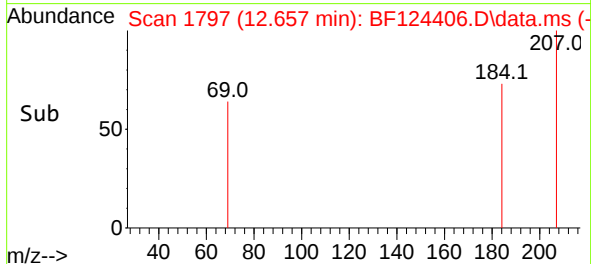
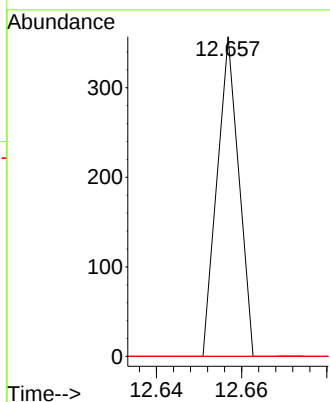
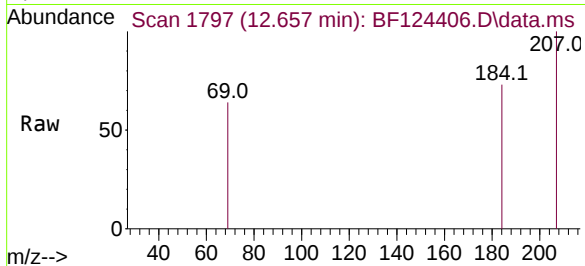




#77
Benzidine
Concen: 4.12 ng
RT: 12.657 min Scan# 1797
Delta R.T. -0.041 min
Lab File: BF124406.D
Acq: 21 Jun 2021 22:16

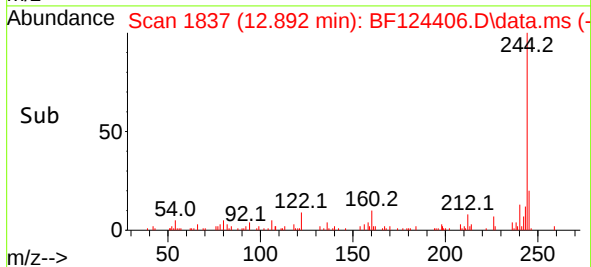
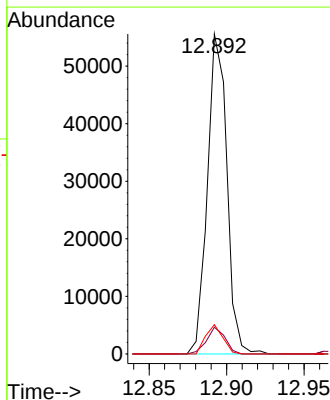
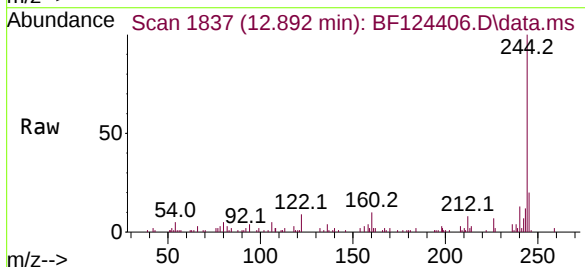
Instrument :
BNA_F
ClientSampled :
SB-5

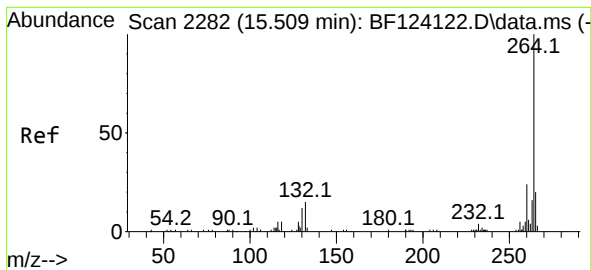
Tgt Ion:184 Resp: 126
Ion Ratio Lower Upper
184 100
185 0.0 12.1 18.1#
183 0.0 7.8 11.8#



#79
Terphenyl-d14
Concen: 7.75 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.012 min
Lab File: BF124406.D
Acq: 21 Jun 2021 22:16

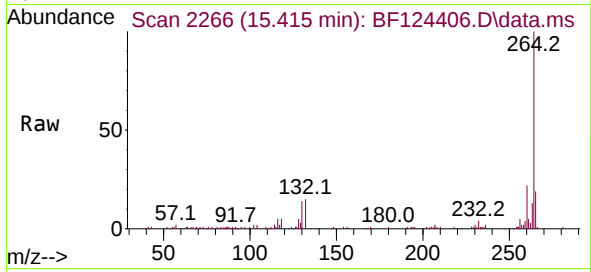
Tgt Ion:244 Resp: 48510
Ion Ratio Lower Upper
244 100
212 8.4 5.7 8.5
122 9.2 9.7 14.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. 0.000 min
 Lab File: BF124406.D
 Acq: 21 Jun 2021 22:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-5



Tgt Ion:	264	Resp:	98995
Ion Ratio	Lower	Upper	
264	100		
260	22.1	18.7	28.1
265	19.2	17.8	26.8

