

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063021\
 Data File : BF124503.D
 Acq On : 30 Jun 2021 21:04
 Operator : JU/CG
 Sample : M2896-04 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-01

Quant Time: Jul 01 05:16:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 29 12:49:33 2021
 Response via : Initial Calibration

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

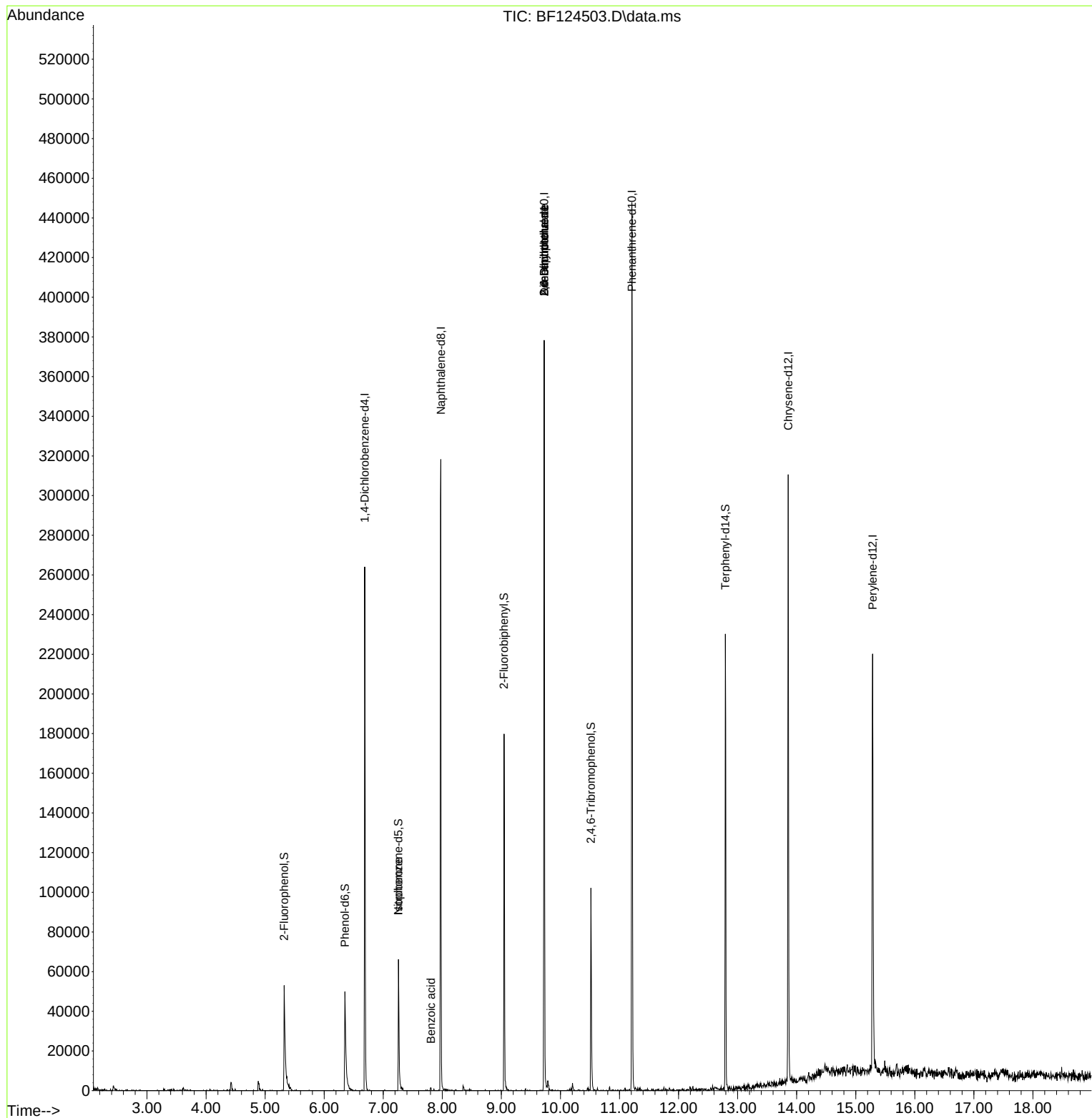
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.687	152	35886	20.00	ng	0.00
21) Naphthalene-d8	7.975	136	135103	20.00	ng	# 0.00
39) Acenaphthene-d10	9.728	164	79579	20.00	ng	0.00
64) Phenanthrene-d10	11.210	188	161968	20.00	ng	0.00
76) Chrysene-d12	13.857	240	96367	20.00	ng	0.00
86) Perylene-d12	15.286	264	95040	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	21452	9.40	ng	0.01
7) Phenol-d6	6.351	99	25892	8.69	ng	0.00
23) Nitrobenzene-d5	7.257	82	22370	6.87	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	11752	12.36	ng	0.00
45) 2-Fluorobiphenyl	9.045	172	49317	7.59	ng	0.00
79) Terphenyl-d14	12.792	244	71435	11.10	ng	0.00
Target Compounds						Qvalue
25) Isophorone	7.257	82	22370	3.99	ng	# 69
32) Benzoic acid	7.810	122	713	7.68	ng	# 1
50) Dimethylphthalate	9.728	163	14182	2.26	ng	# 1
51) 2,6-Dinitrotoluene	9.728	165	10015	6.91	ng	# 12
57) 2,4-Dinitrotoluene	9.728	165	10015	5.21	ng	# 18

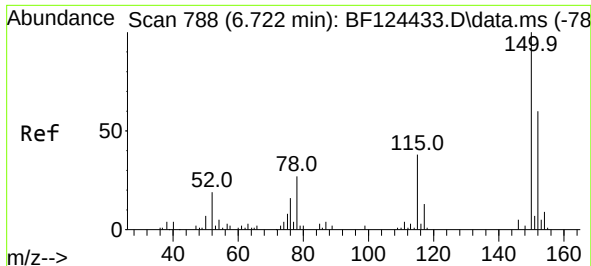
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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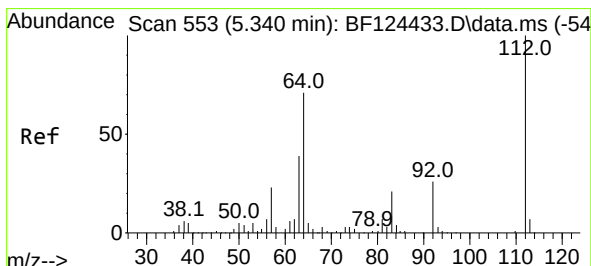
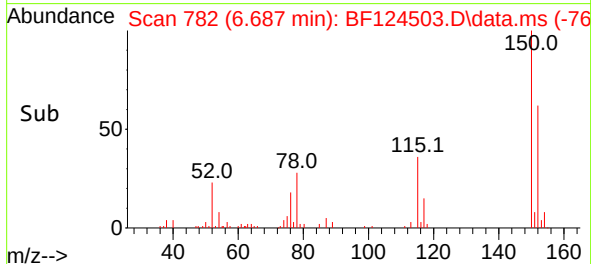
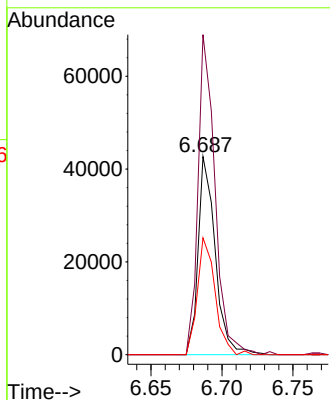
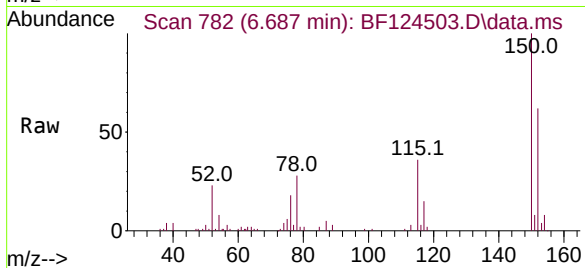




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.687 min Scan# 782
Delta R.T. -0.005 min
Lab File: BF124503.D
Acq: 30 Jun 2021 21:04

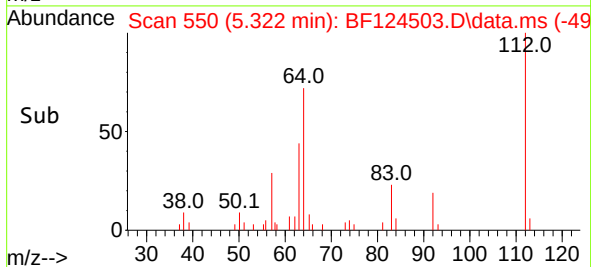
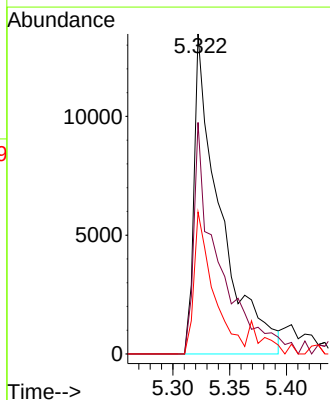
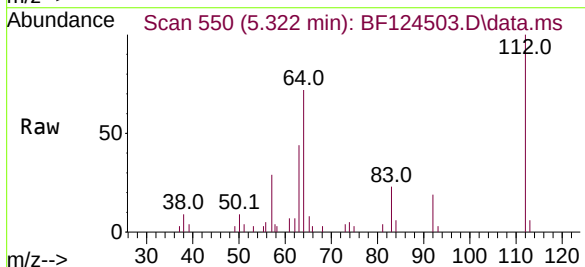
Instrument :
BNA_F
ClientSampleId :
FS-01

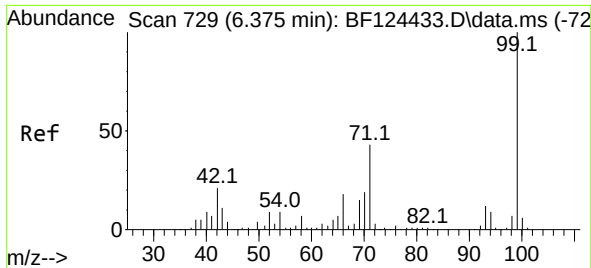
Tgt Ion:152 Resp: 35886
Ion Ratio Lower Upper
152 100
150 161.6 127.0 190.6
115 59.0 54.3 81.5



#5
2-Fluorophenol
Concen: 9.40 ng
RT: 5.322 min Scan# 550
Delta R.T. 0.012 min
Lab File: BF124503.D
Acq: 30 Jun 2021 21:04

Tgt Ion:112 Resp: 21452
Ion Ratio Lower Upper
112 100
64 72.3 61.4 92.0
63 44.4 33.0 49.4

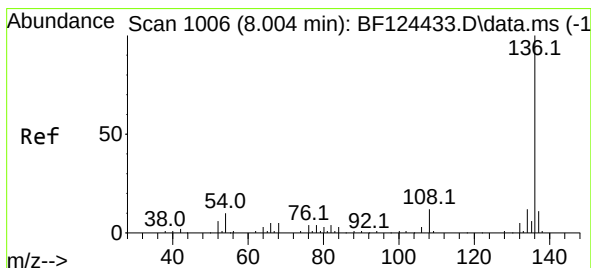
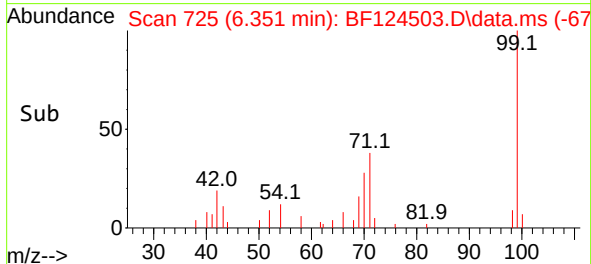
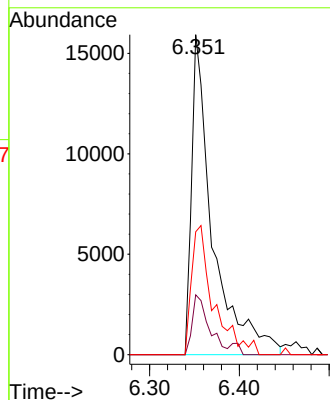
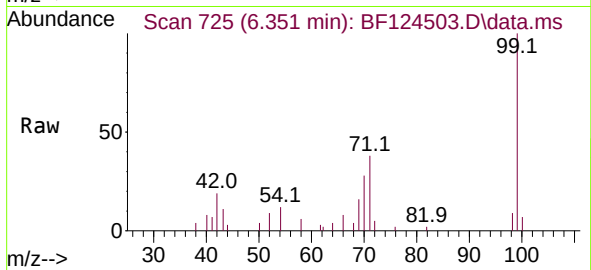




#7
Phenol-d6
Concen: 8.69 ng
RT: 6.351 min Scan# 725
Delta R.T. 0.000 min
Lab File: BF124503.D
Acq: 30 Jun 2021 21:04

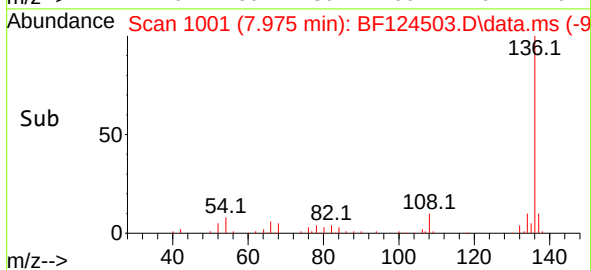
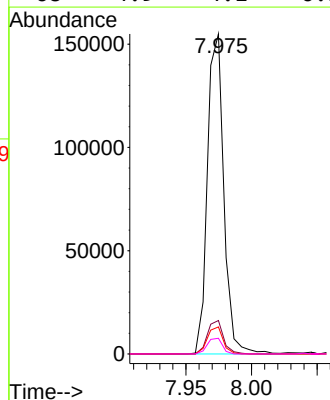
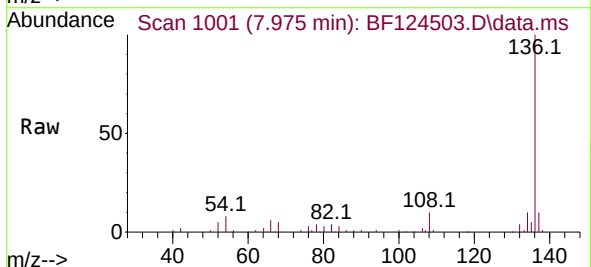
Instrument :
BNA_F
ClientSampleId :
FS-01

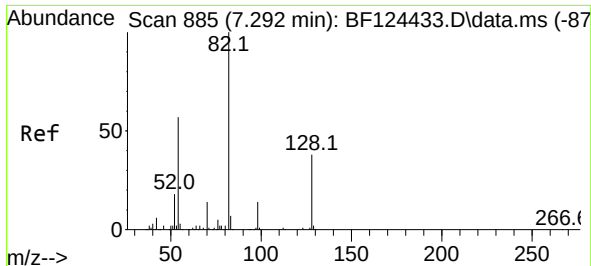
Tgt Ion: 99 Resp: 25892
Ion Ratio Lower Upper
99 100
42 18.7 19.8 29.8#
71 38.4 31.1 46.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.975 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BF124503.D
Acq: 30 Jun 2021 21:04

Tgt Ion: 136 Resp: 135103
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 8.4 9.8 14.6#
68 4.9 4.1 6.1





#23

Nitrobenzene-d5

Concen: 6.87 ng

RT: 7.257 min Scan# 879

Delta R.T. -0.006 min

Lab File: BF124503.D

Acq: 30 Jun 2021 21:04

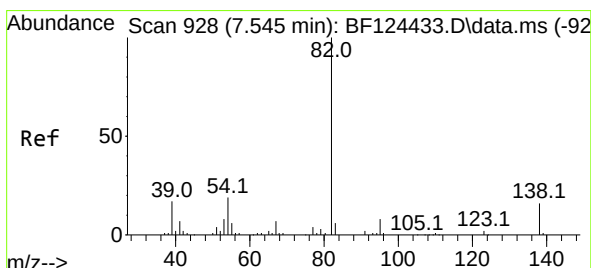
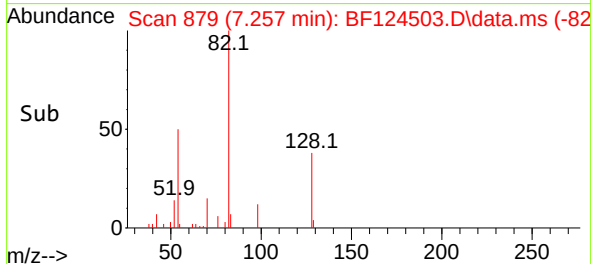
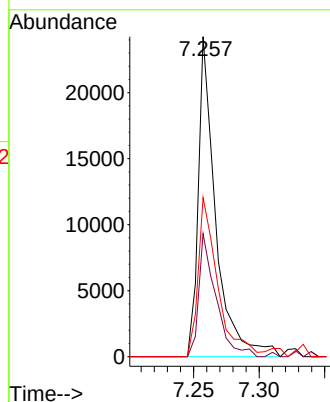
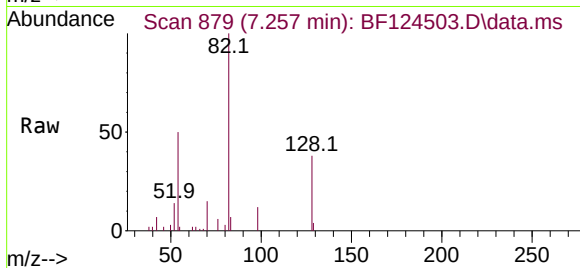
Instrument :

BNA_F

ClientSampleId :

FS-01

Tgt Ion:	82	Resp:	22370
Ion	Ratio	Lower	Upper
82	100		
128	38.5	29.4	44.2
54	49.7	54.1	81.1#



#25

Isophorone

Concen: 3.99 ng

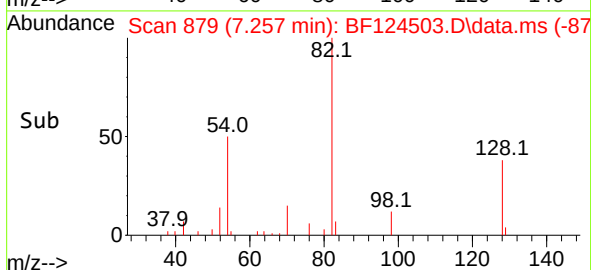
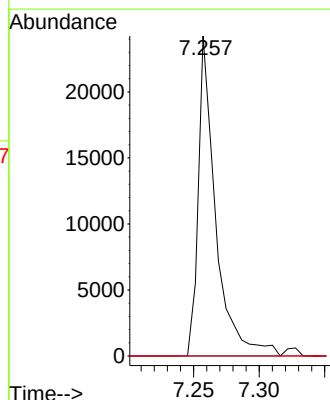
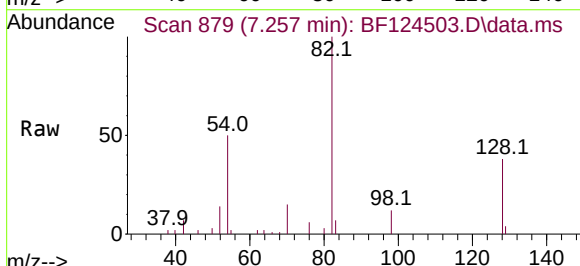
RT: 7.257 min Scan# 879

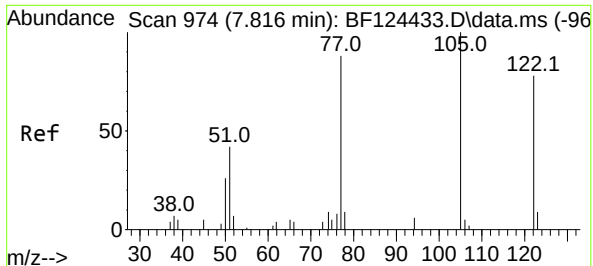
Delta R.T. -0.265 min

Lab File: BF124503.D

Acq: 30 Jun 2021 21:04

Tgt Ion:	82	Resp:	22370
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	11.8	17.8#

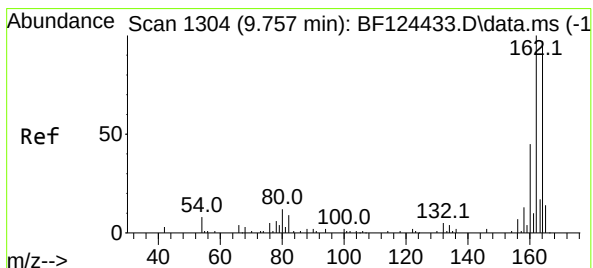
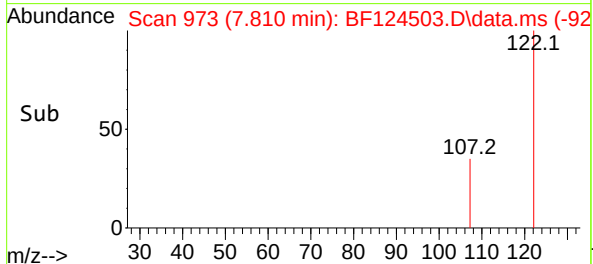
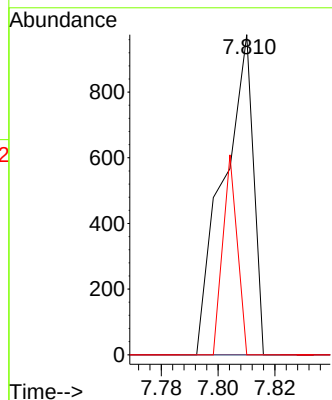
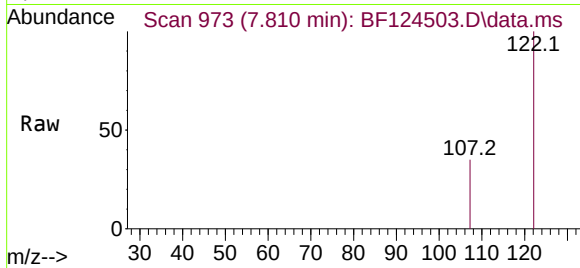




#32
Benzoic acid
Concen: 7.68 ng
RT: 7.810 min Scan# 973
Delta R.T. 0.012 min
Lab File: BF124503.D
Acq: 30 Jun 2021 21:04

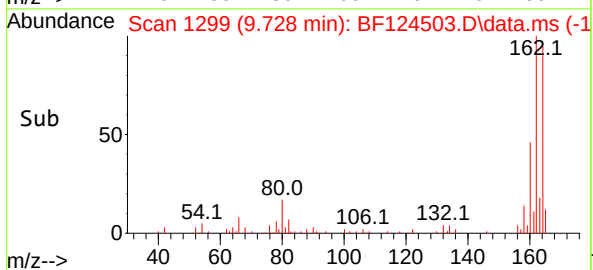
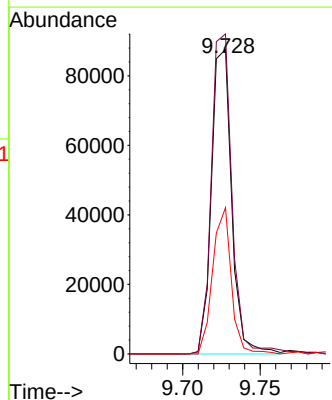
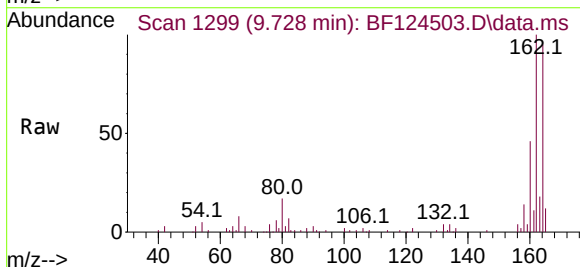
Instrument :
BNA_F
ClientSampled :
FS-01

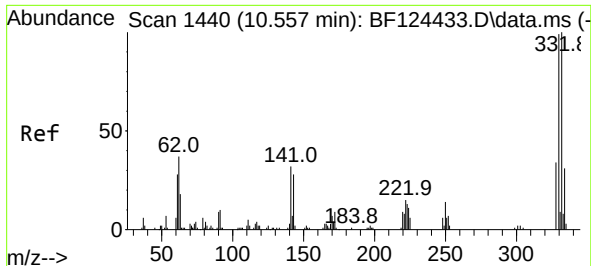
Tgt Ion:122 Resp: 713
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 0.0 81.6 121.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF124503.D
Acq: 30 Jun 2021 21:04

Tgt Ion:164 Resp: 79579
Ion Ratio Lower Upper
164 100
162 105.1 80.7 121.1
160 48.0 37.3 55.9

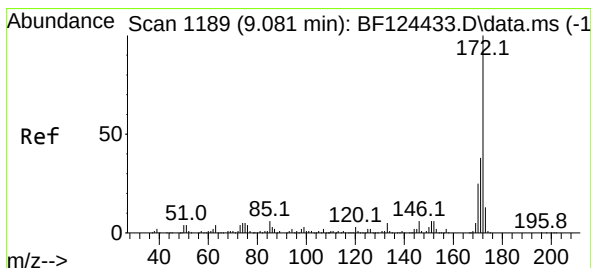
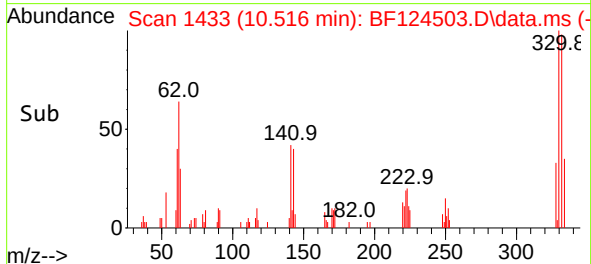
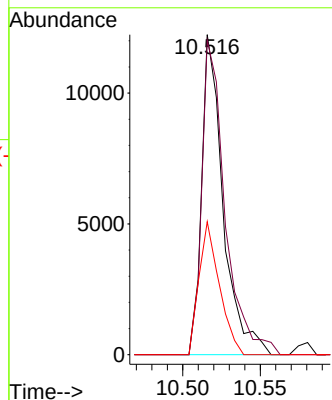
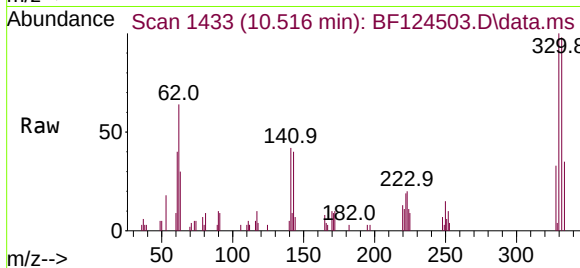




#42
2,4,6-Tribromophenol
Concen: 12.36 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF124503.D
Acq: 30 Jun 2021 21:04

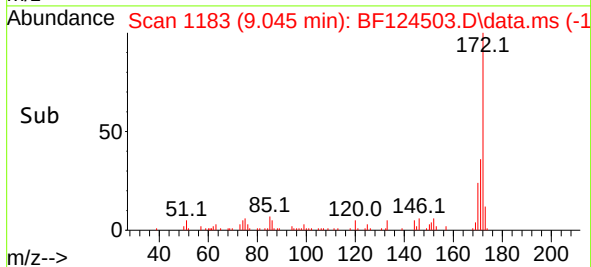
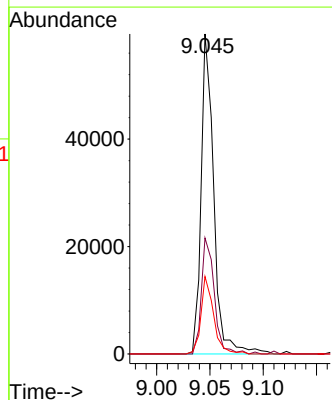
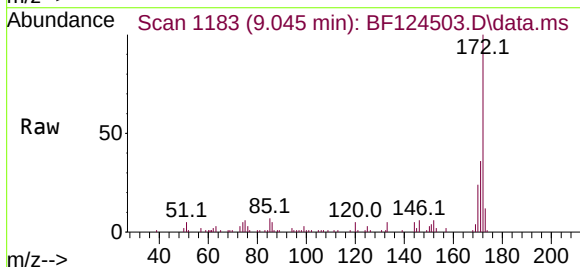
Instrument :
BNA_F
ClientSampleId :
FS-01

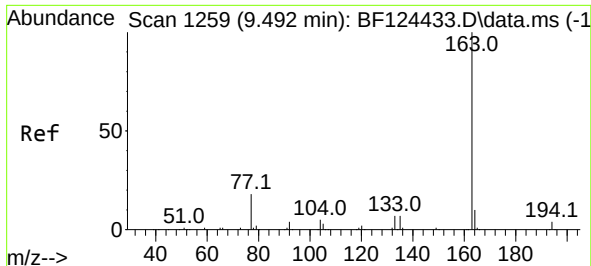
Tgt Ion: 330 Resp: 11752
Ion Ratio Lower Upper
330 100
332 106.7 77.1 115.7
141 39.5 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 7.59 ng
RT: 9.045 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF124503.D
Acq: 30 Jun 2021 21:04

Tgt Ion: 172 Resp: 49317
Ion Ratio Lower Upper
172 100
171 36.2 28.1 42.1
170 24.2 19.2 28.8

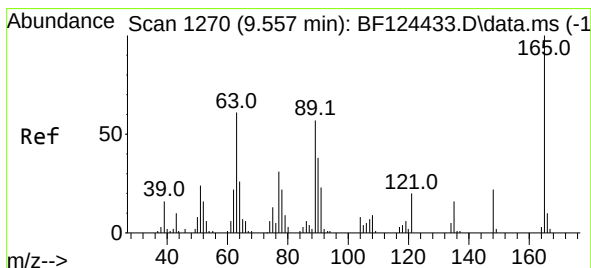
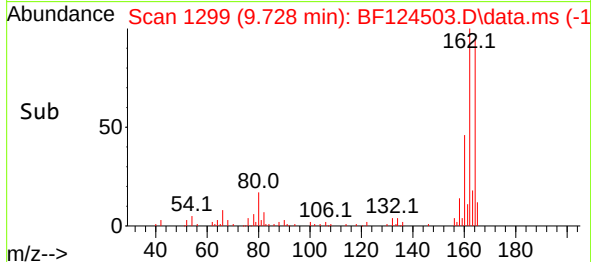
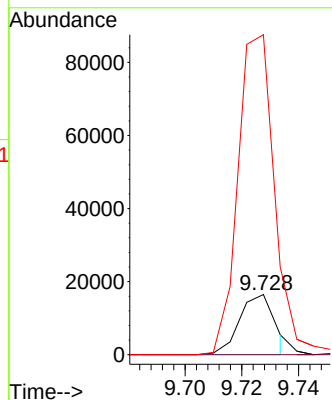
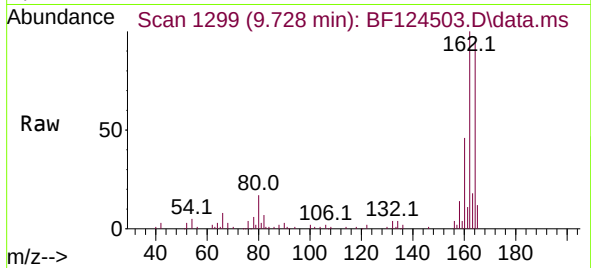




#50
Dimethylphthalate
Concen: 2.26 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.271 min
Lab File: BF124503.D
Acq: 30 Jun 2021 21:04

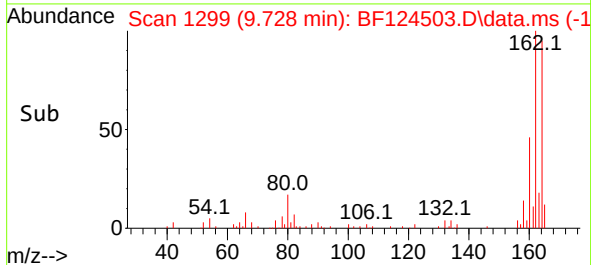
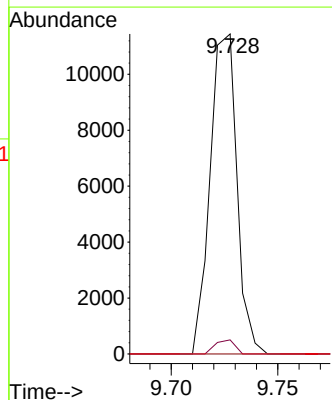
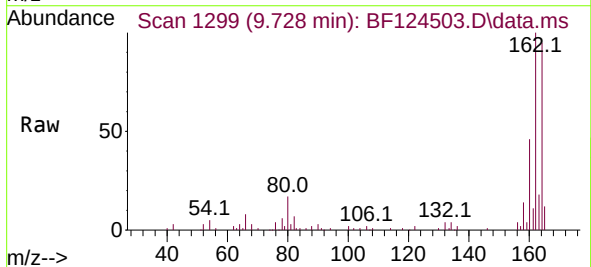
Instrument :
BNA_F
ClientSampled :
FS-01

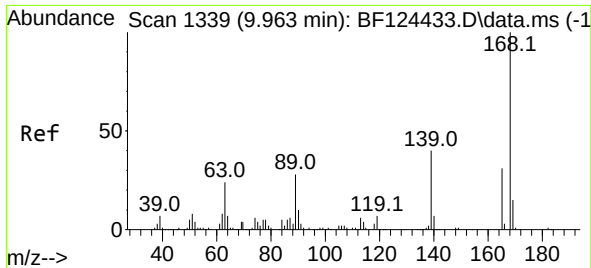
Tgt Ion:163 Resp: 14182
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 532.5 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 6.91 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.200 min
Lab File: BF124503.D
Acq: 30 Jun 2021 21:04

Tgt Ion:165 Resp: 10015
Ion Ratio Lower Upper
165 100
63 4.4 67.7 101.5#
89 0.0 58.8 88.2#

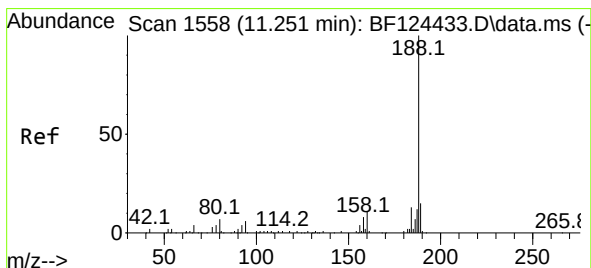
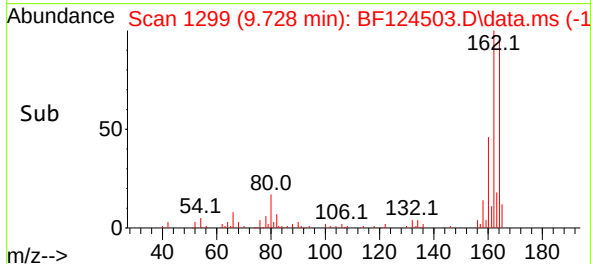
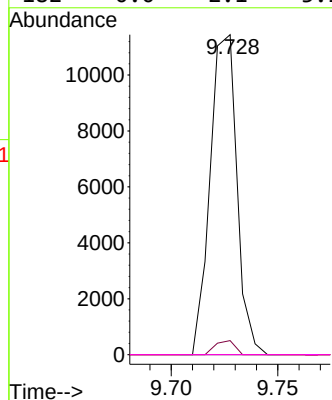
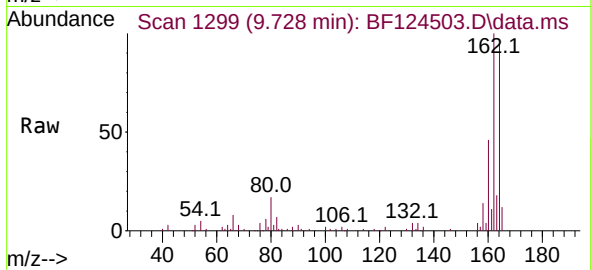




#57
2,4-Dinitrotoluene
Concen: 5.21 ng
RT: 9.728 min Scan# 1299
Delta R.T. -0.206 min
Lab File: BF124503.D
Acq: 30 Jun 2021 21:04

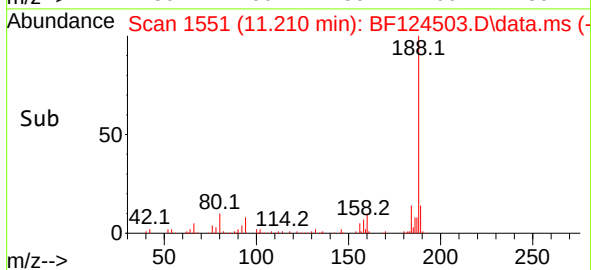
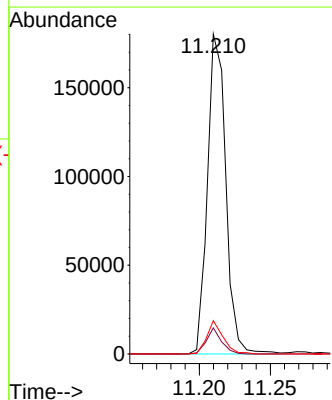
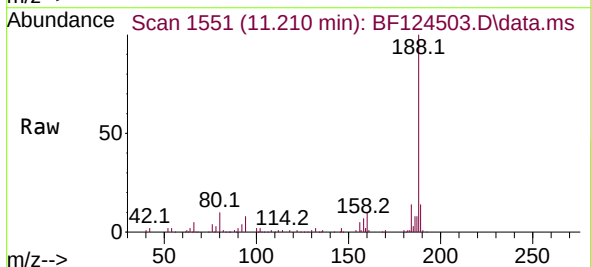
Instrument :
BNA_F
ClientSampled :
FS-01

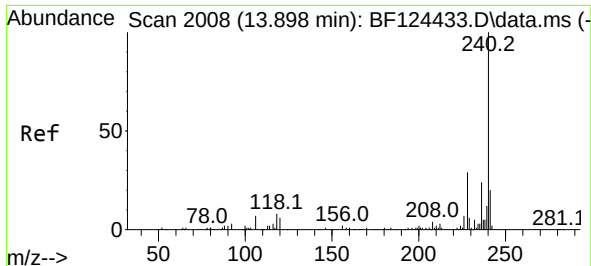
Tgt Ion:165	Resp:	10015
Ion Ratio	Lower	Upper
165	100	
63	4.4	43.5 65.3#
89	0.0	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.210 min Scan# 1551
Delta R.T. -0.006 min
Lab File: BF124503.D
Acq: 30 Jun 2021 21:04

Tgt Ion:188	Resp:	161968
Ion Ratio	Lower	Upper
188	100	
94	8.1	6.9 10.3
80	10.4	8.2 12.2

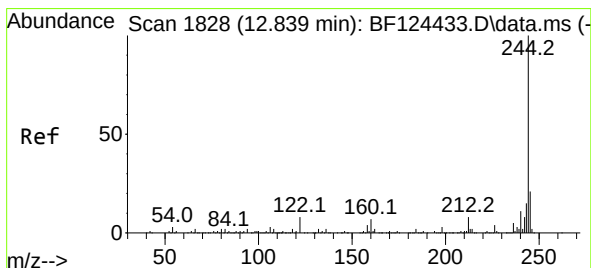
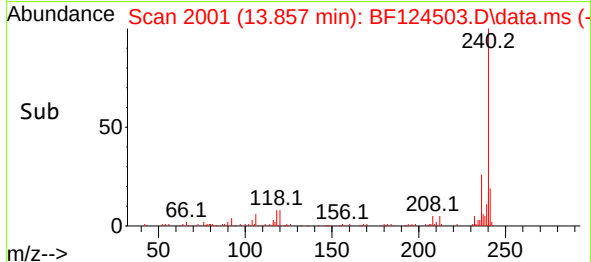
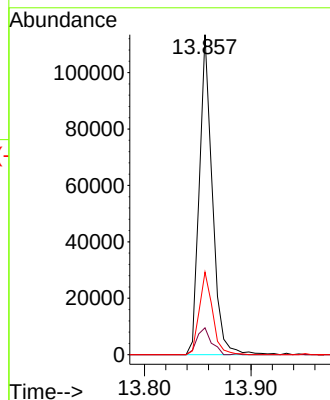
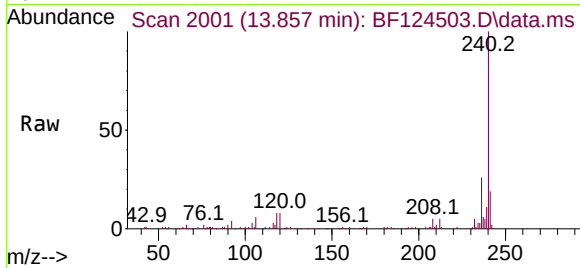




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.857 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BF124503.D
Acq: 30 Jun 2021 21:04

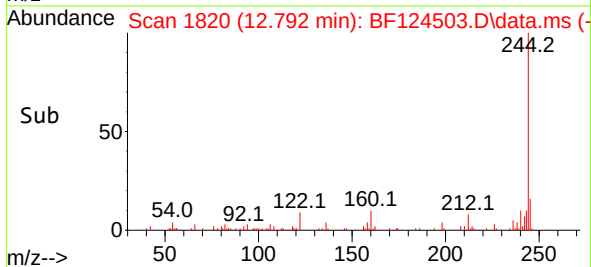
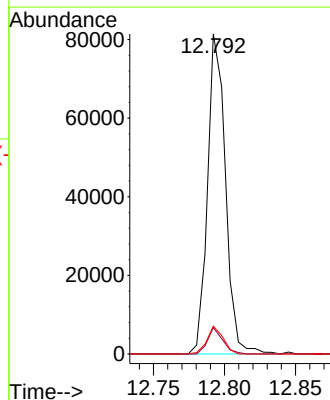
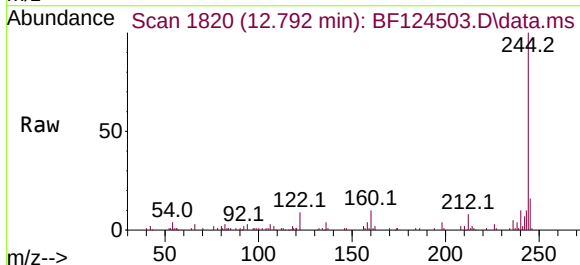
Instrument :
BNA_F
ClientSampleId :
FS-01

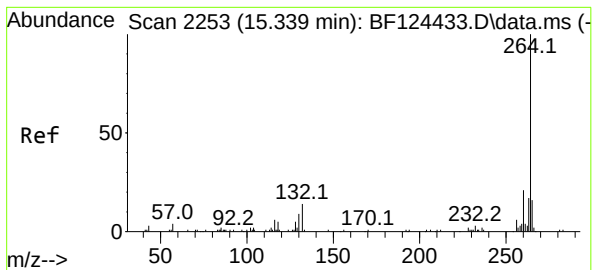
Tgt Ion:240 Resp: 96367
Ion Ratio Lower Upper
240 100
120 8.4 7.2 10.8
236 25.8 19.0 28.4



#79
Terphenyl-d14
Concen: 11.10 ng
RT: 12.792 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF124503.D
Acq: 30 Jun 2021 21:04

Tgt Ion:244 Resp: 71435
Ion Ratio Lower Upper
244 100
212 8.2 5.7 8.5
122 8.7 9.7 14.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.286 min Scan# 2244
 Delta R.T. 0.000 min
 Lab File: BF124503.D
 Acq: 30 Jun 2021 21:04

Instrument :
 BNA_F
 ClientSampled :
 FS-01

Tgt Ion:264 Resp: 95040

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.7	28.1
265	18.8	17.8	26.8

