

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062221\
 Data File : BF124417.D
 Acq On : 22 Jun 2021 17:54
 Operator : JU/CG
 Sample : M2789-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SHORT-PILLARS

Quant Time: Jun 23 02:50:38 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)

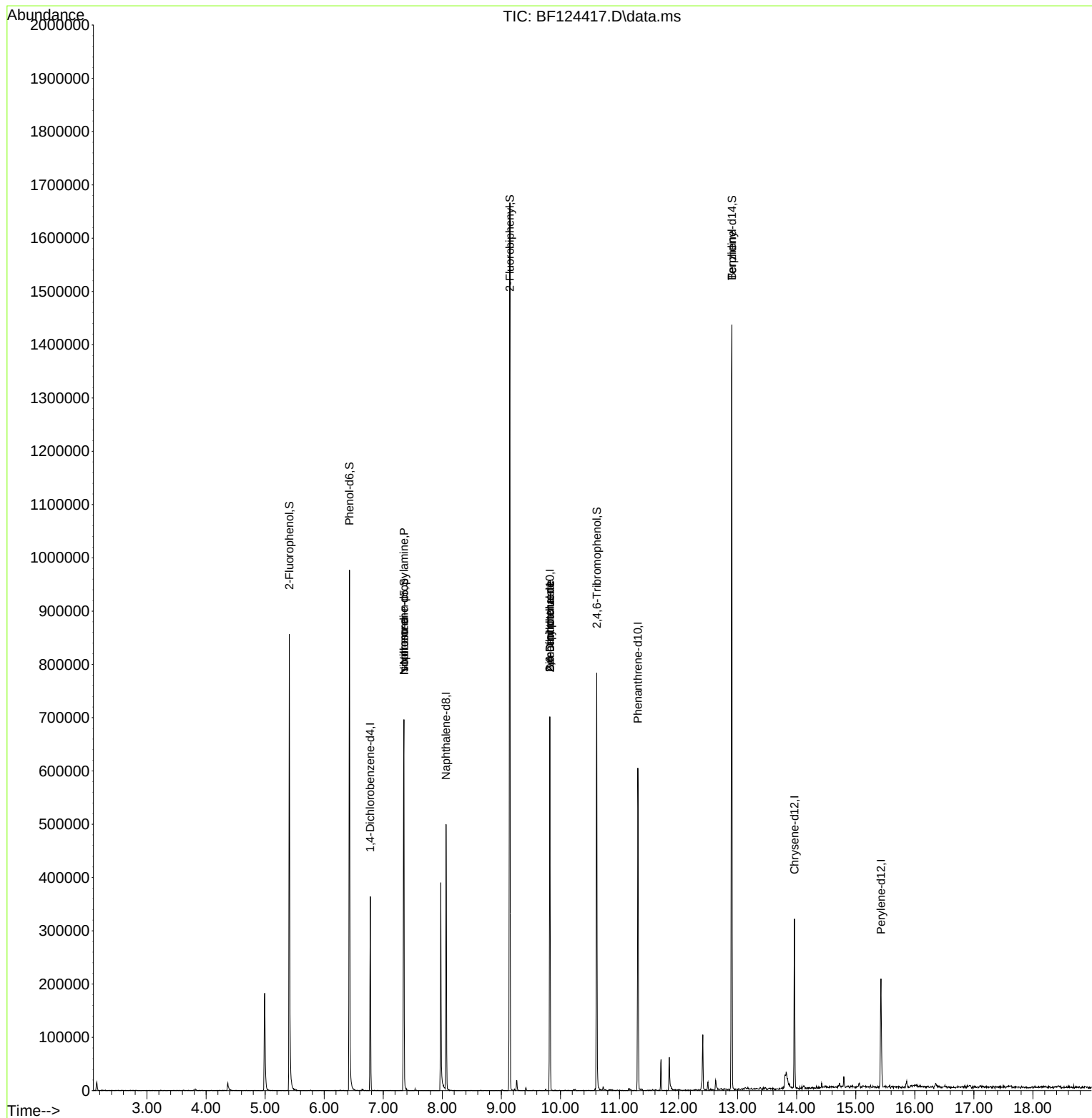
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	47239	20.00	ng	0.00
21) Naphthalene-d8	8.063	136	188171	20.00	ng	#-0.01
39) Acenaphthene-d10	9.822	164	118051	20.00	ng	0.00
64) Phenanthrene-d10	11.310	188	217192	20.00	ng	0.00
76) Chrysene-d12	13.962	240	98736	20.00	ng	0.00
86) Perylene-d12	15.427	264	84939	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	184017	58.64	ng	0.00
7) Phenol-d6	6.428	99	260192	61.68	ng	-0.02
23) Nitrobenzene-d5	7.351	82	221324	46.65	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	76740	45.88	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	456896	48.70	ng	0.00
79) Terphenyl-d14	12.904	244	458447	63.75	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	30206	10.14	ng	# 61
25) Isophorone	7.351	82	221324	25.89	ng	# 69
50) Dimethylphthalate	9.822	163	21565	2.21	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	15598	6.97	ng	# 10
57) 2,4-Dinitrotoluene	9.822	165	15598	5.28	ng	# 15
77) Benzidine	12.904	184	8026	7.25	ng	# 88

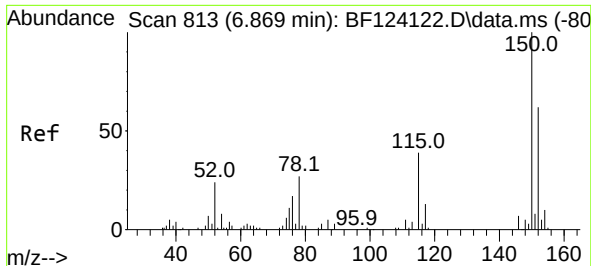
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

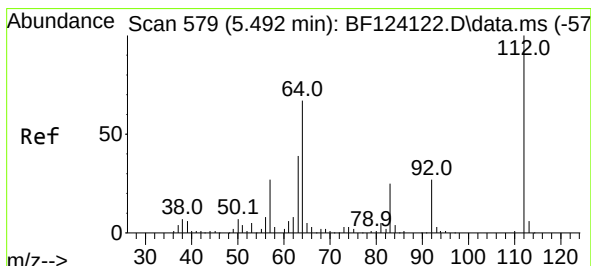
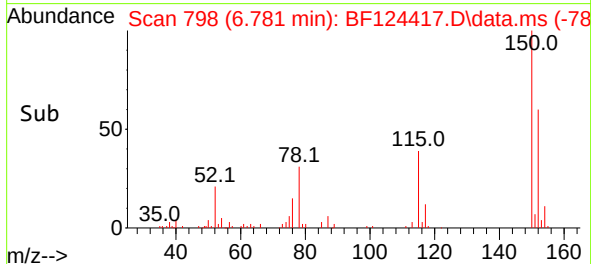
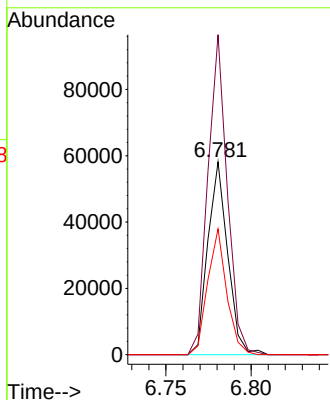
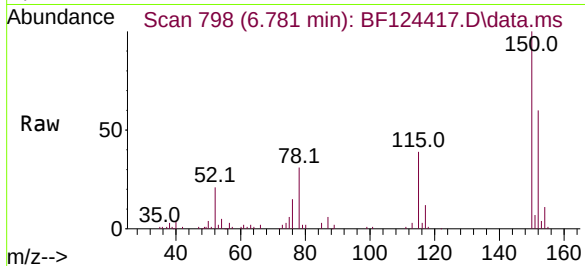




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.005 min
 Lab File: BF124417.D
 Acq: 22 Jun 2021 17:54

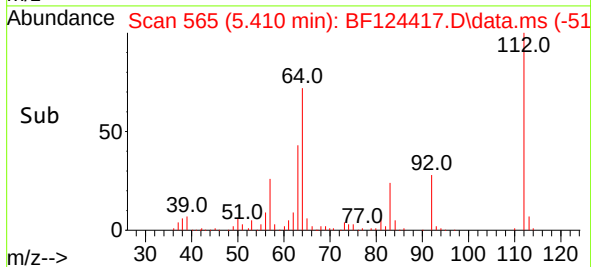
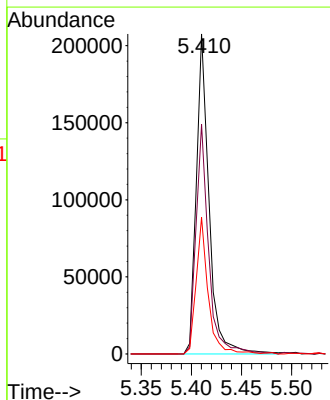
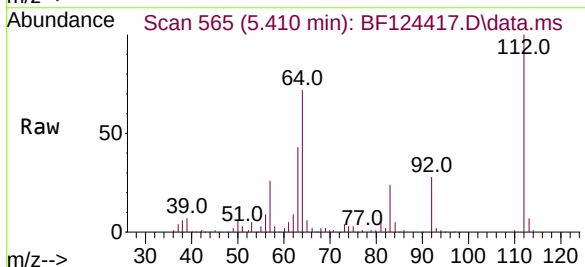
Instrument :
 BNA_F
 ClientSampleId :
 SHORT-PILLARS

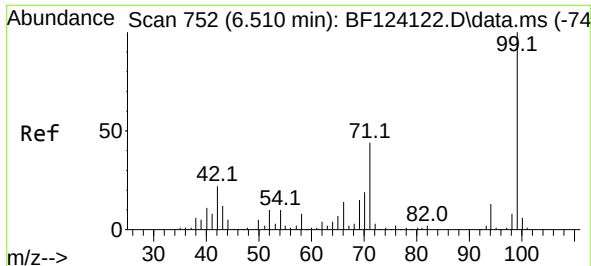
Tgt Ion:152 Resp: 47239
 Ion Ratio Lower Upper
 152 100
 150 166.0 127.0 190.6
 115 65.2 54.3 81.5



#5
 2-Fluorophenol
 Concen: 58.64 ng
 RT: 5.410 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: BF124417.D
 Acq: 22 Jun 2021 17:54

Tgt Ion:112 Resp: 184017
 Ion Ratio Lower Upper
 112 100
 64 71.8 61.4 92.0
 63 42.7 33.0 49.4

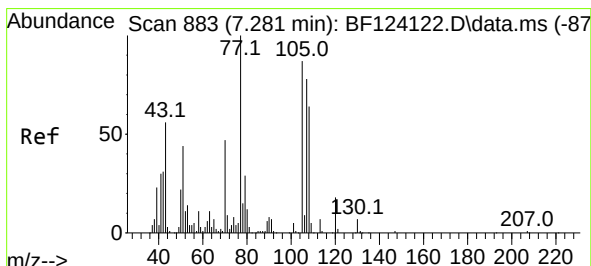
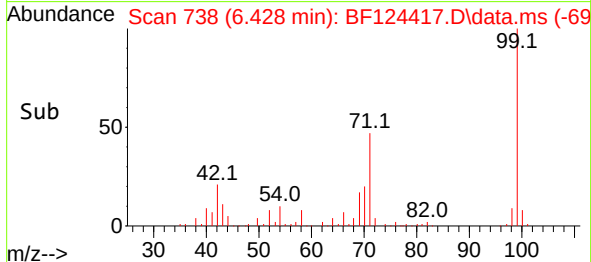
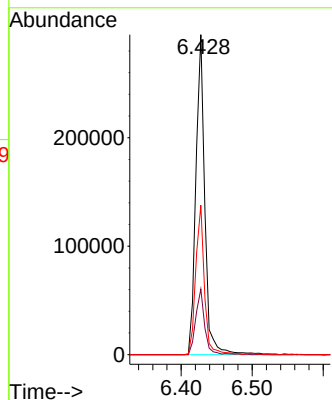
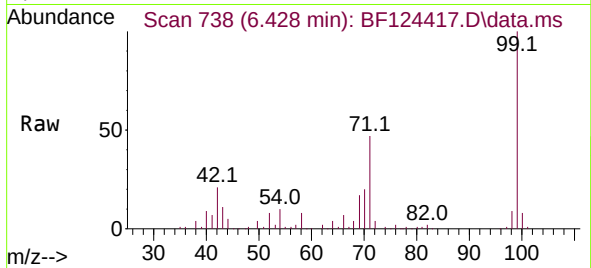




#7
Phenol-d6
Concen: 61.68 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF124417.D
Acq: 22 Jun 2021 17:54

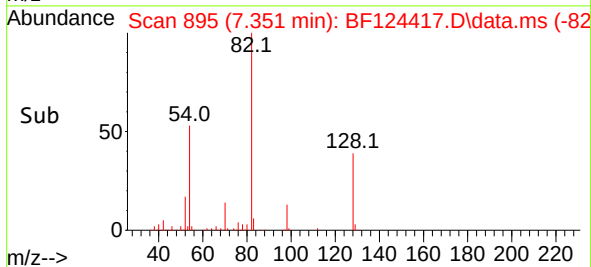
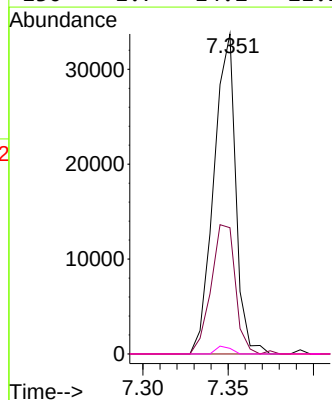
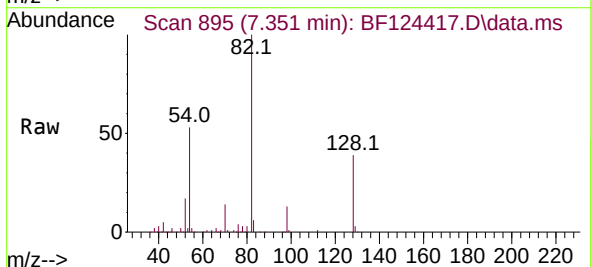
Instrument :
BNA_F
ClientSampleId :
SHORT-PILLARS

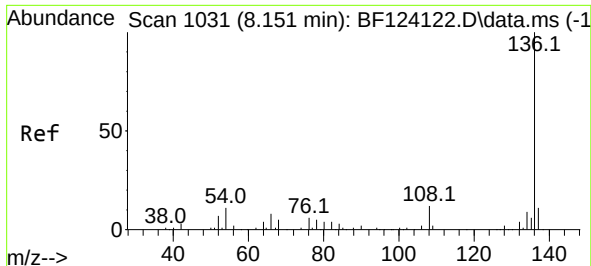
Tgt Ion: 99 Resp: 260192
Ion Ratio Lower Upper
99 100
42 20.5 19.8 29.8
71 46.7 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 10.14 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124417.D
Acq: 22 Jun 2021 17:54

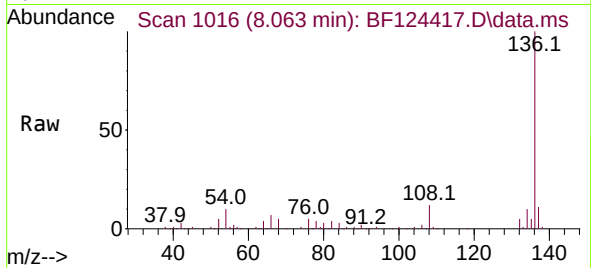
Tgt Ion: 70 Resp: 30206
Ion Ratio Lower Upper
70 100
42 39.4 60.1 90.1#
101 0.0 7.4 11.2#
130 1.7 14.2 21.2#



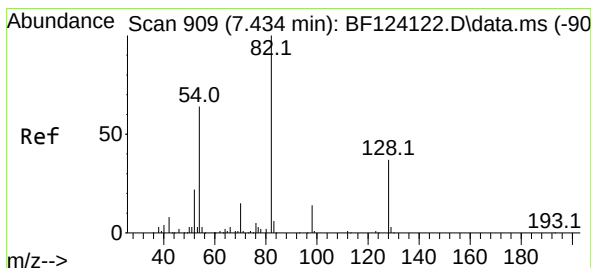
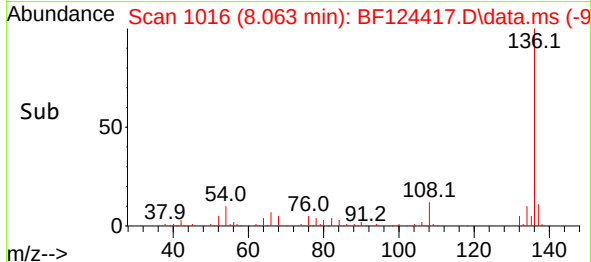
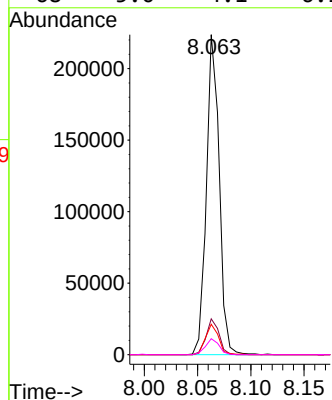


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF124417.D
Acq: 22 Jun 2021 17:54

Instrument :
BNA_F
ClientSampleId :
SHORT-PILLARS

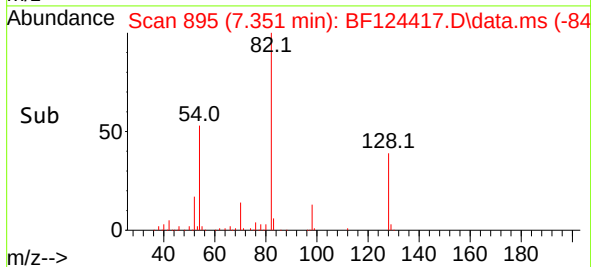
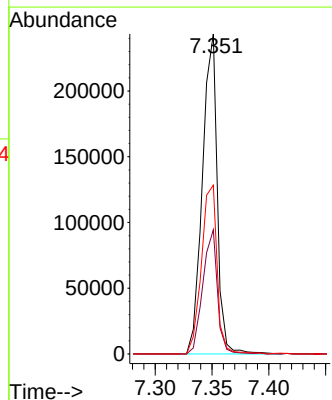
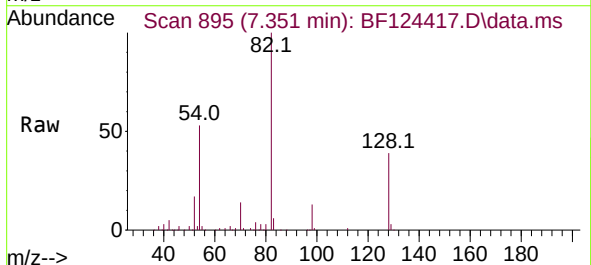


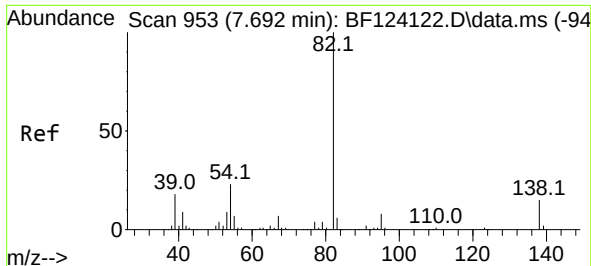
Tgt Ion:136 Resp: 188171
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 9.5 9.8 14.6#
68 5.0 4.1 6.1



#23
Nitrobenzene-d5
Concen: 46.65 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124417.D
Acq: 22 Jun 2021 17:54

Tgt Ion: 82 Resp: 221324
Ion Ratio Lower Upper
82 100
128 38.8 29.4 44.2
54 52.7 54.1 81.1#

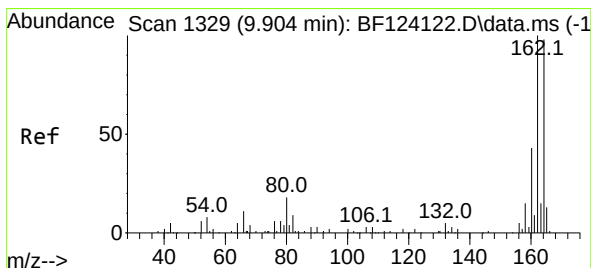
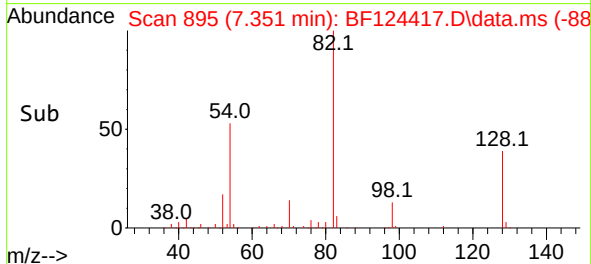
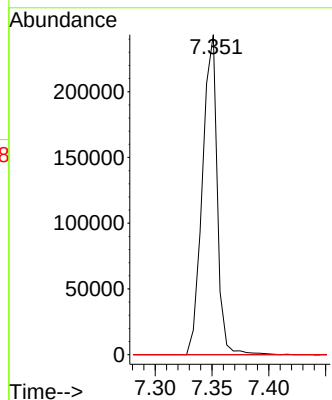
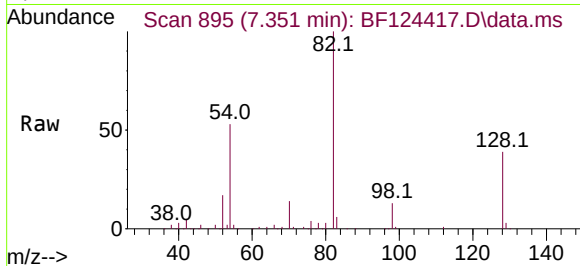




#25
Isophorone
Concen: 25.89 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124417.D
Acq: 22 Jun 2021 17:54

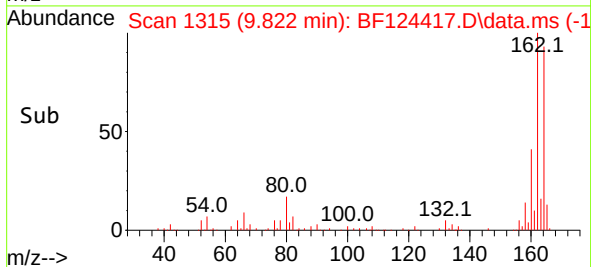
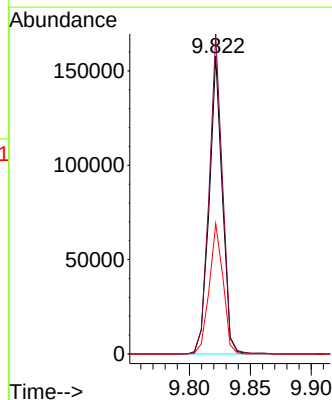
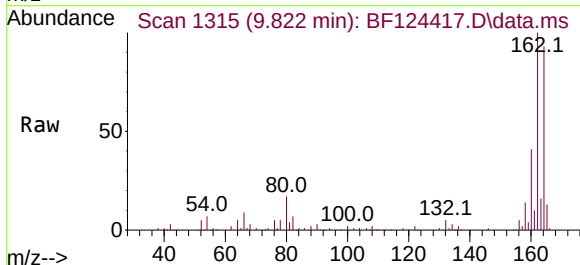
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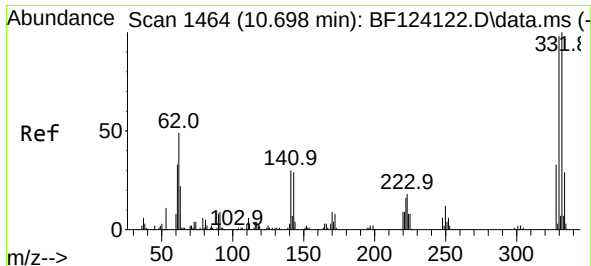
Tgt Ion: 82 Resp: 221324
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124417.D
Acq: 22 Jun 2021 17:54

Tgt Ion: 164 Resp: 118051
Ion Ratio Lower Upper
164 100
162 107.3 80.7 121.1
160 43.7 37.3 55.9

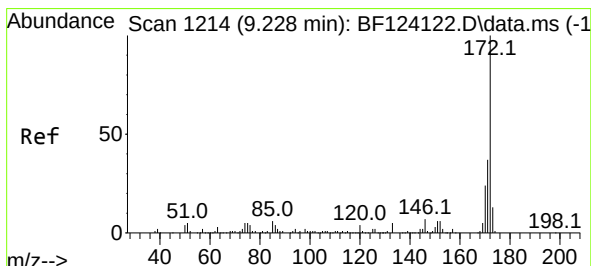
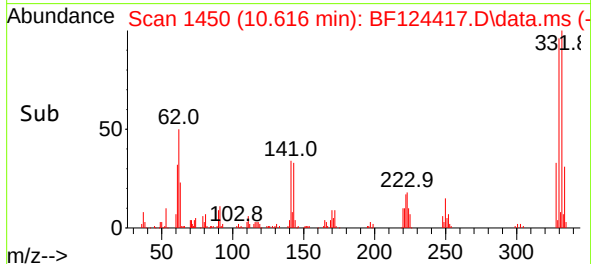
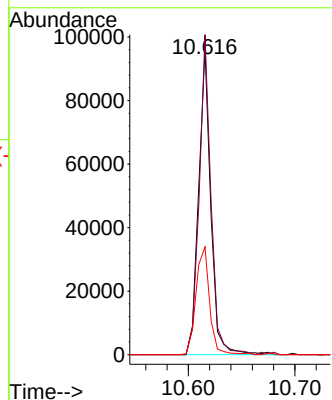
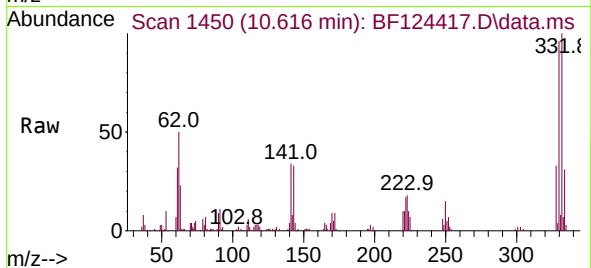




#42
2,4,6-Tribromophenol
Concen: 45.88 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124417.D
Acq: 22 Jun 2021 17:54

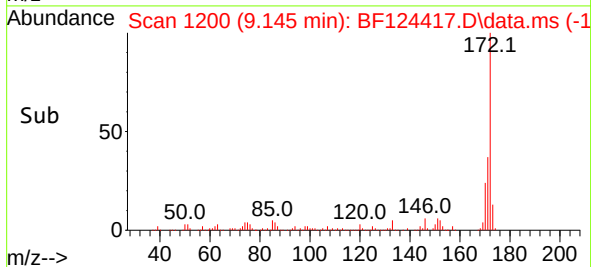
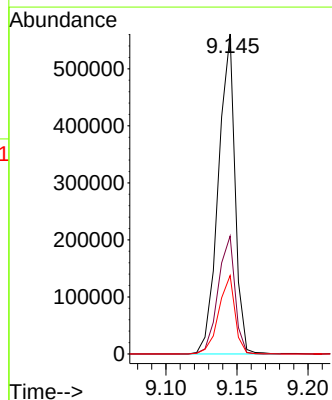
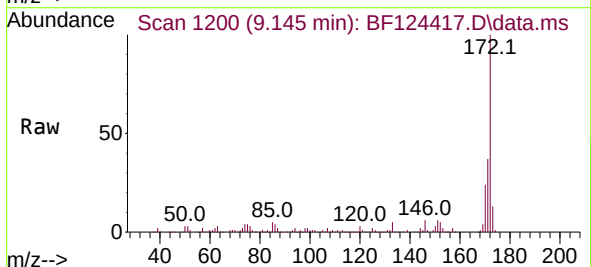
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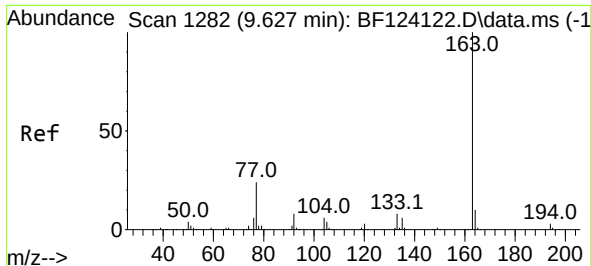
Tgt Ion: 330 Resp: 76740
Ion Ratio Lower Upper
330 100
332 100.9 77.1 115.7
141 39.3 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 48.70 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124417.D
Acq: 22 Jun 2021 17:54

Tgt Ion: 172 Resp: 456896
Ion Ratio Lower Upper
172 100
171 36.8 28.1 42.1
170 24.5 19.2 28.8

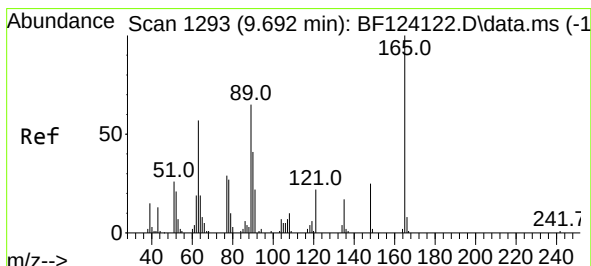
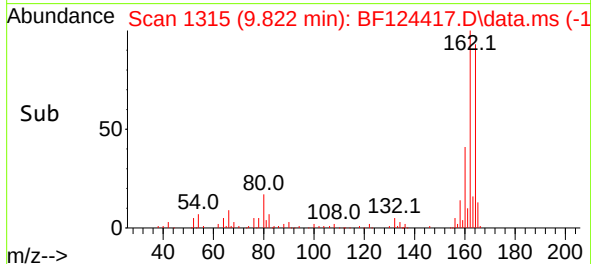
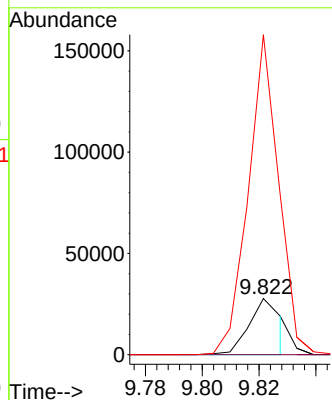
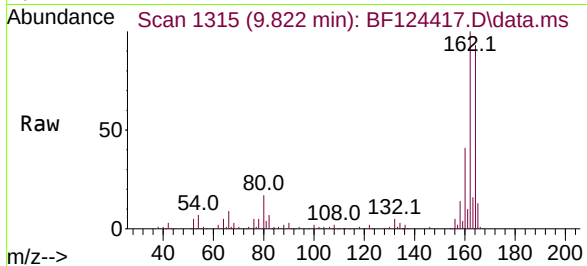




#50
Dimethylphthalate
Concen: 2.21 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124417.D
Acq: 22 Jun 2021 17:54

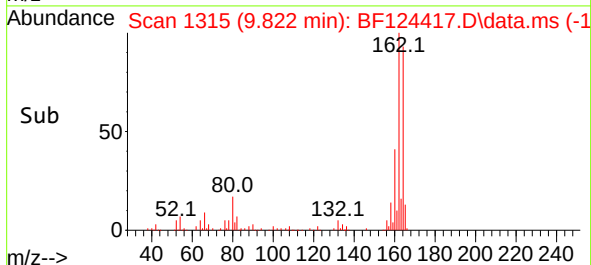
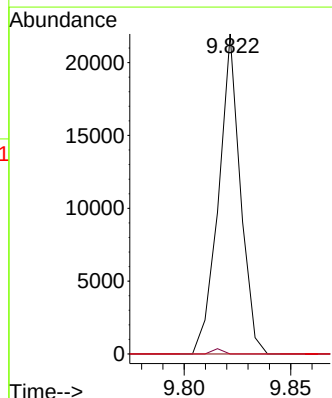
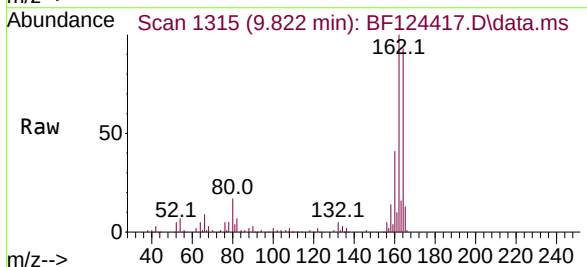
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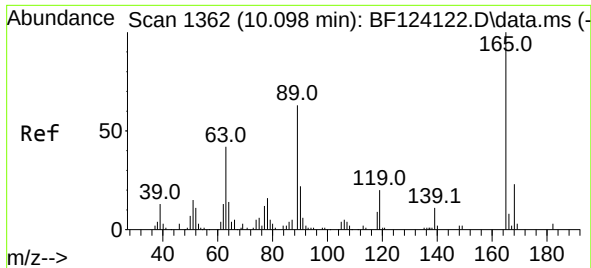
Tgt Ion:163 Resp: 21565
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 568.9 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 6.97 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124417.D
Acq: 22 Jun 2021 17:54

Tgt Ion:165 Resp: 15598
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#

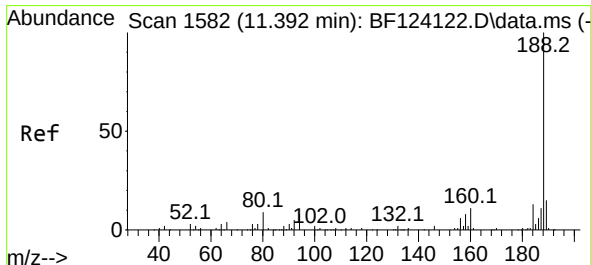
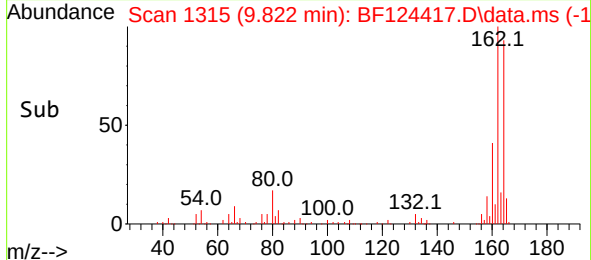
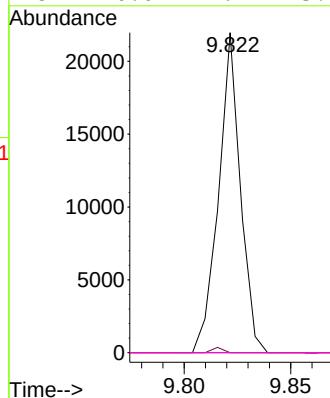
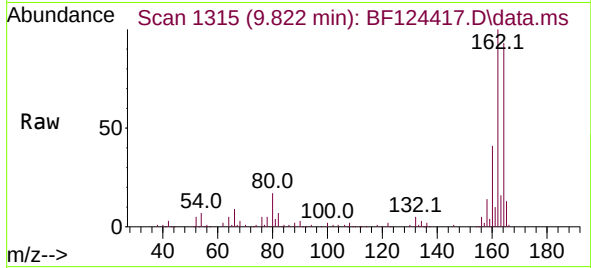




#57
2,4-Dinitrotoluene
Concen: 5.28 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124417.D
Acq: 22 Jun 2021 17:54

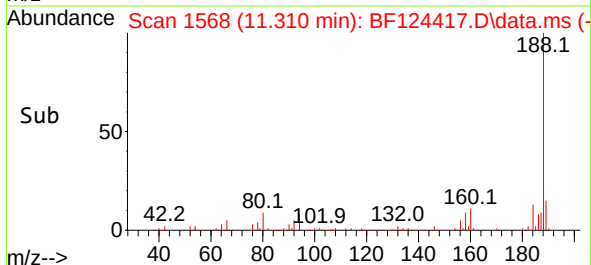
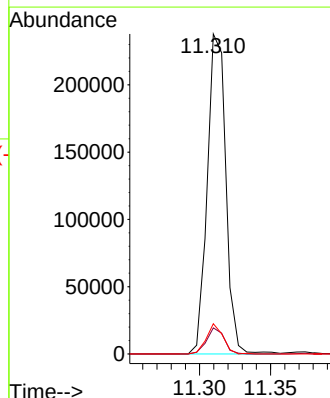
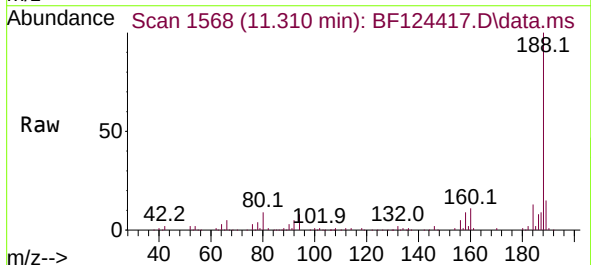
Instrument :
BNA_F
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SHORT-PILLARS

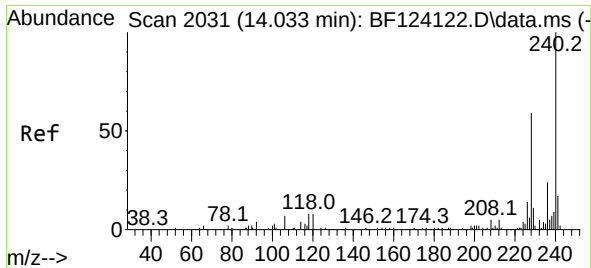
Tgt Ion:165	Resp:	15598
Ion Ratio	Lower	Upper
165	100	
63	0.0	43.5 65.3#
89	0.0	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124417.D
Acq: 22 Jun 2021 17:54

Tgt Ion:188	Resp:	217192
Ion Ratio	Lower	Upper
188	100	
94	8.2	6.9 10.3
80	9.4	8.2 12.2

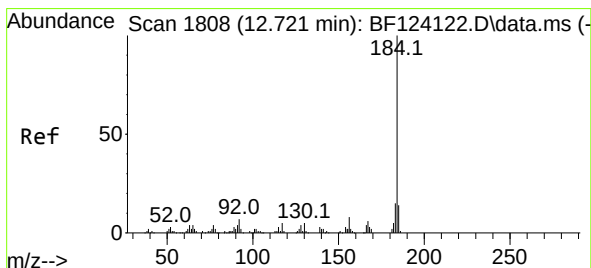
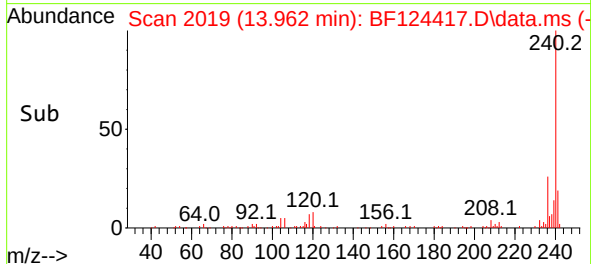
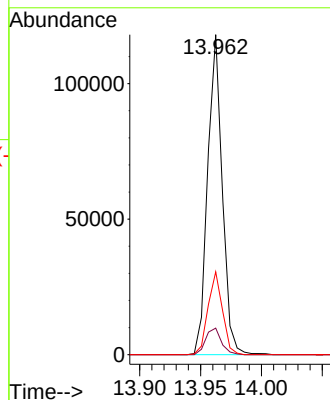
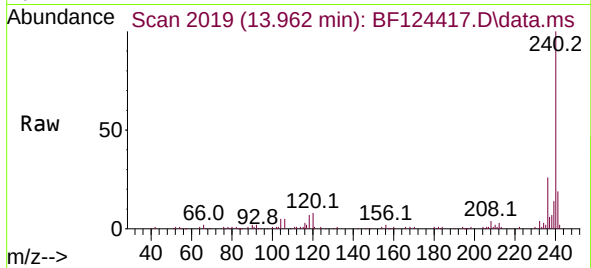




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF124417.D
Acq: 22 Jun 2021 17:54

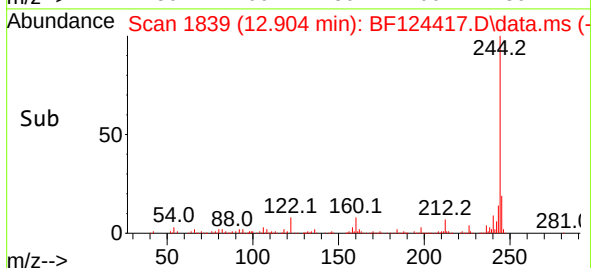
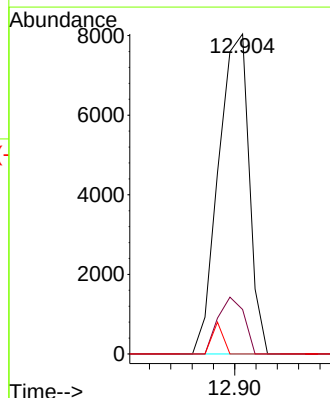
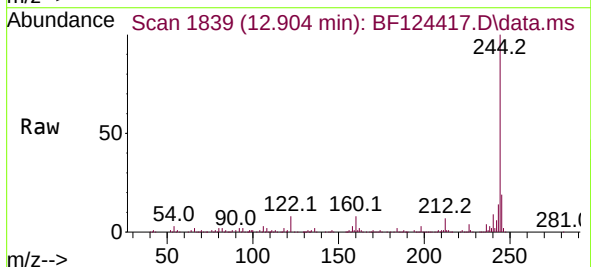
Instrument :
BNA_F
ClientSampleId :
SHORT-PILLARS

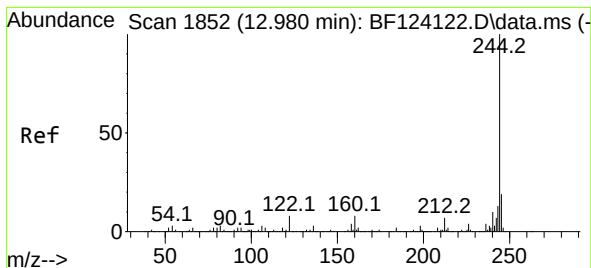
Tgt Ion:240 Resp: 98736
Ion Ratio Lower Upper
240 100
120 8.3 7.2 10.8
236 25.9 19.0 28.4



#77
Benzidine
Concen: 7.25 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.206 min
Lab File: BF124417.D
Acq: 22 Jun 2021 17:54

Tgt Ion:184 Resp: 8026
Ion Ratio Lower Upper
184 100
185 13.9 12.1 18.1
183 0.0 7.8 11.8#





#79

Terphenyl-d14

Concen: 63.75 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.000 min

Lab File: BF124417.D

Acq: 22 Jun 2021 17:54

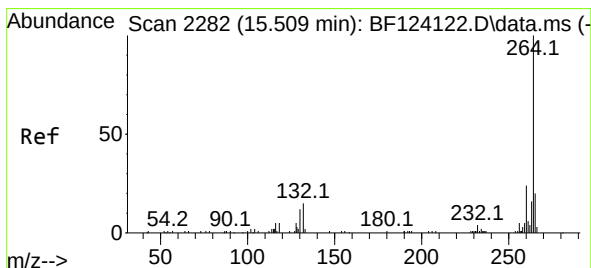
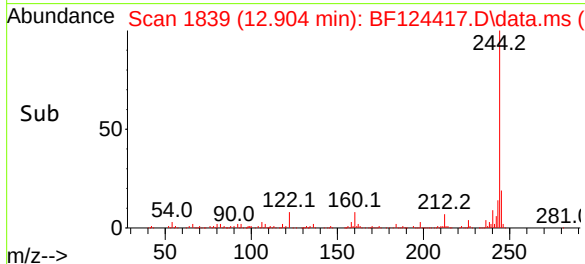
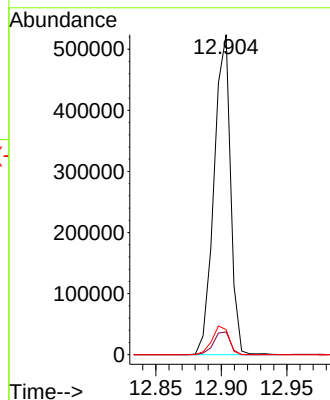
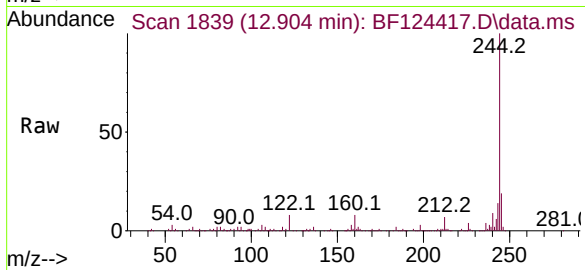
Tgt Ion:244 Resp: 458447

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 7.8 9.7 14.5#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.427 min Scan# 2268

Delta R.T. 0.012 min

Lab File: BF124417.D

Acq: 22 Jun 2021 17:54

Tgt Ion:264 Resp: 84939

Ion Ratio Lower Upper

264 100

260 22.4 18.7 28.1

265 22.3 17.8 26.8

