

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062221\
 Data File : BF124415.D
 Acq On : 22 Jun 2021 16:48
 Operator : JU/CG
 Sample : M2789-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-2

Quant Time: Jun 22 17:56:42 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)

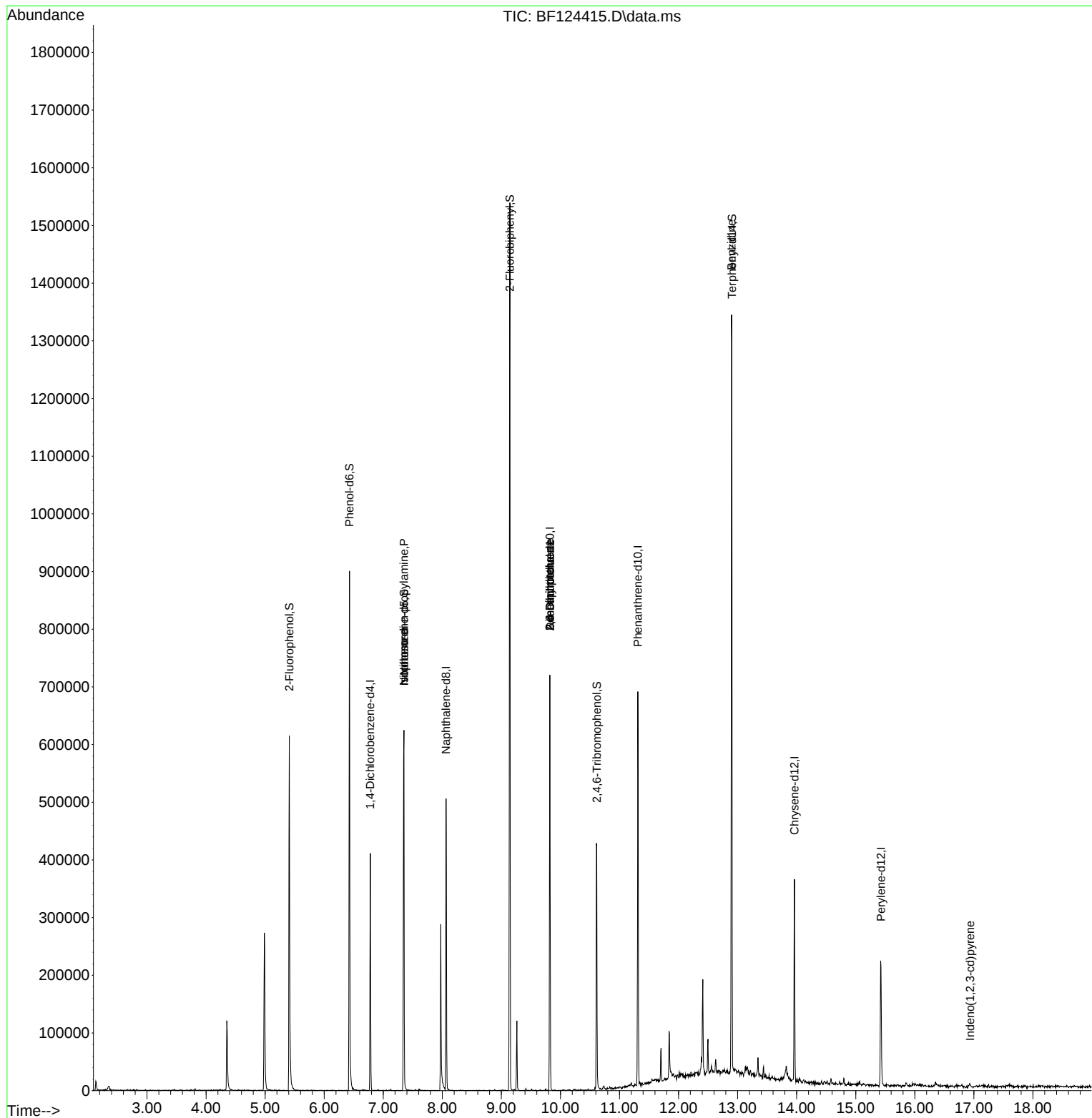
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	49265	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	196609	20.000	ng	#-0.01
39) Acenaphthene-d10	9.822	164	120428	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	227266	20.000	ng	0.00
76) Chrysene-d12	13.963	240	109000	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	94499	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	142883	43.659	ng	0.00
7) Phenol-d6	6.428	99	236554	53.775	ng	-0.02
23) Nitrobenzene-d5	7.351	82	204167	41.186	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	48972	28.703	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	429243	44.852	ng	0.00
79) Terphenyl-d14	12.904	244	426573	53.731	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	28290	9.110	ng	# 62
25) Isophorone	7.351	82	204167	22.856	ng	# 69
50) Dimethylphthalate	9.822	163	23848	2.394	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	15091	6.606	ng	# 10
57) 2,4-Dinitrotoluene	9.822	165	15091	5.009	ng	# 15
77) Benzidine	12.898	184	7738	6.849	ng	# 90
87) Indeno(1,2,3-cd)pyrene	16.939	276	152	4.353	ng	# 53

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

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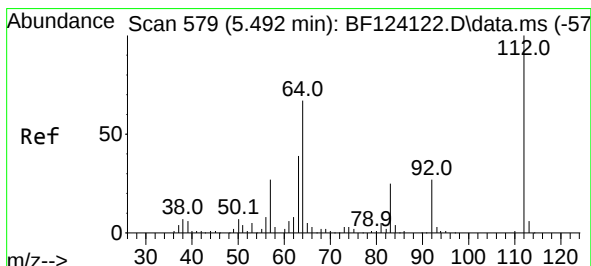
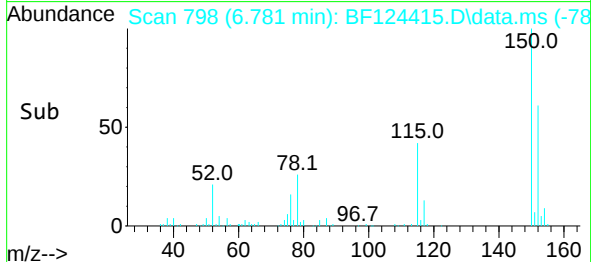
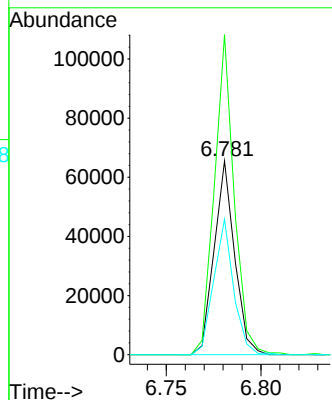
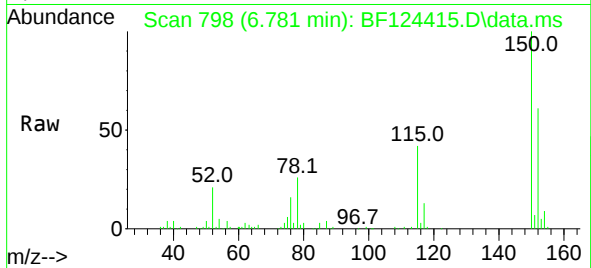




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124415.D
Acq: 22 Jun 2021 16:48

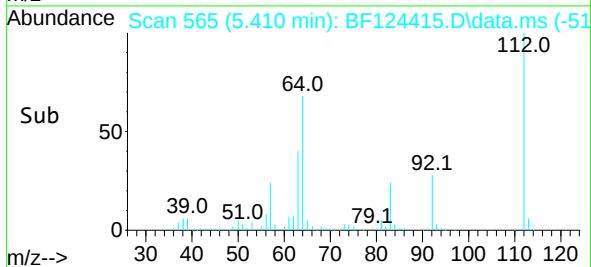
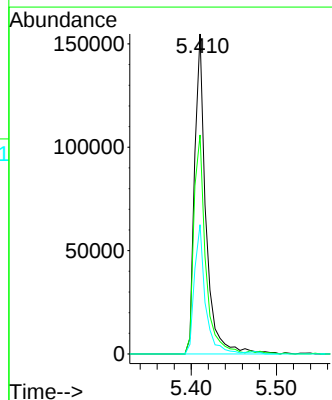
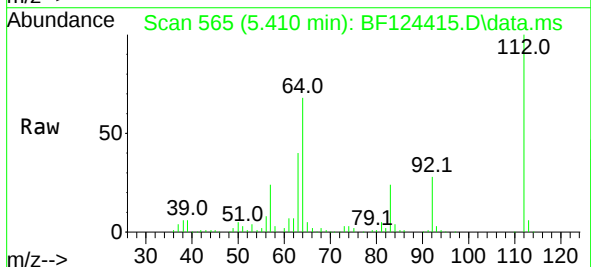
Instrument :
BNA_F
ClientSampleId :
T-2

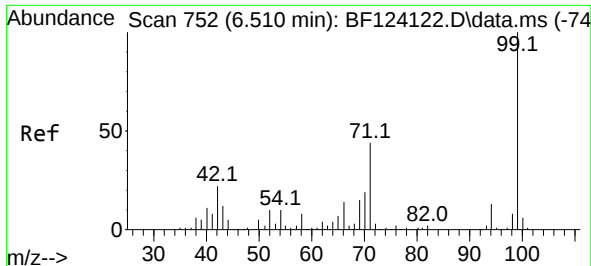
Tgt Ion:152 Resp: 49265
Ion Ratio Lower Upper
152 100
150 165.1 127.0 190.6
115 69.9 54.3 81.5



#5
2-Fluorophenol
Concen: 43.659 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124415.D
Acq: 22 Jun 2021 16:48

Tgt Ion:112 Resp: 142883
Ion Ratio Lower Upper
112 100
64 68.5 61.4 92.0
63 40.4 33.0 49.4

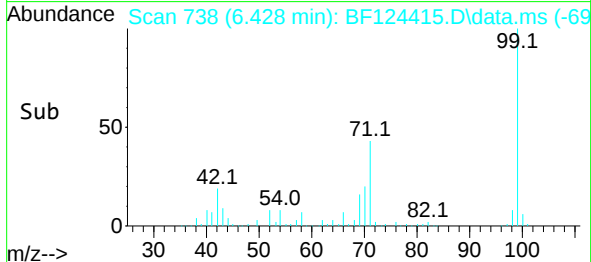
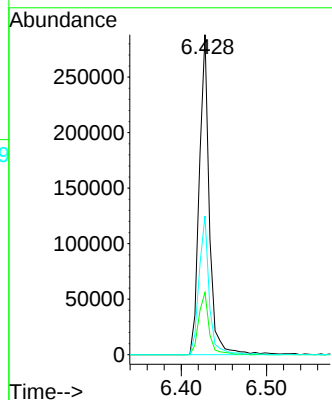
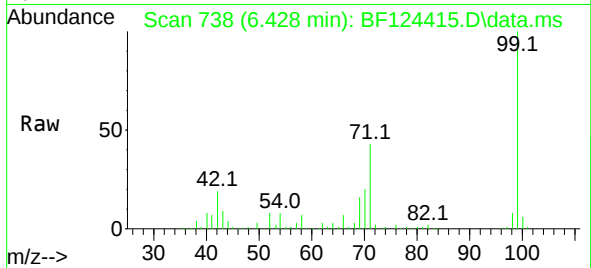




#7
Phenol-d6
Concen: 53.775 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF124415.D
Acq: 22 Jun 2021 16:48

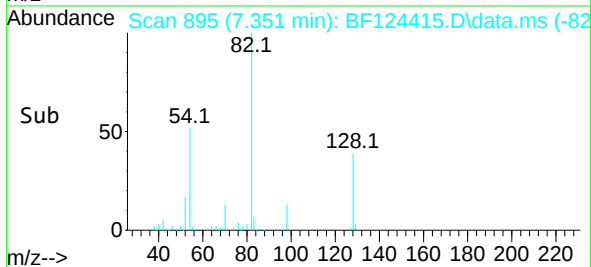
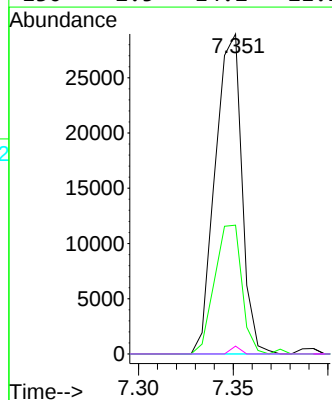
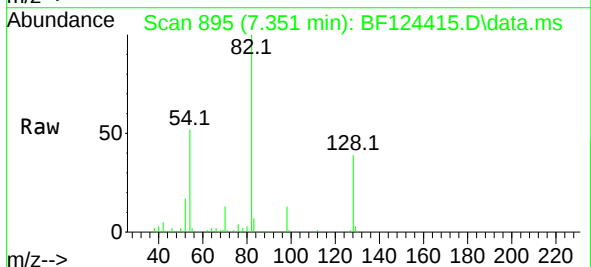
Instrument :
BNA_F
ClientSampleId :
T-2

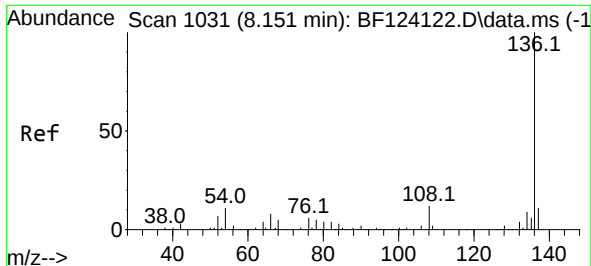
Tgt Ion: 99 Resp: 236554
Ion Ratio Lower Upper
99 100
42 19.5 19.8 29.8#
71 43.4 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 9.110 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124415.D
Acq: 22 Jun 2021 16:48

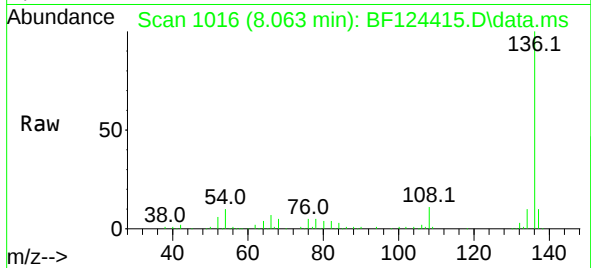
Tgt Ion: 70 Resp: 28290
Ion Ratio Lower Upper
70 100
42 40.3 60.1 90.1#
101 0.0 7.4 11.2#
130 2.5 14.2 21.2#



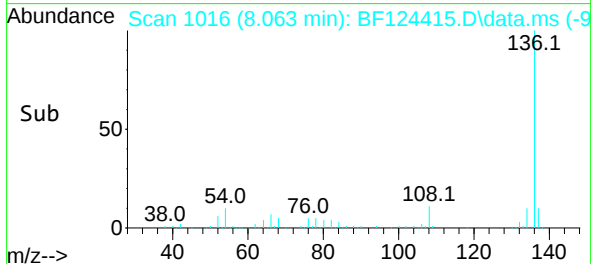
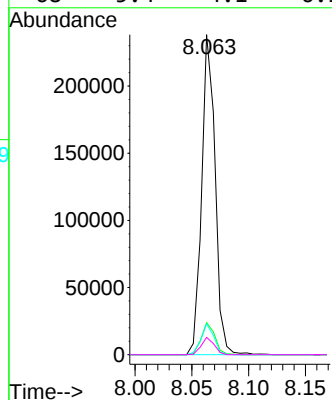


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF124415.D
Acq: 22 Jun 2021 16:48

Instrument :
BNA_F
ClientSampled :
T-2

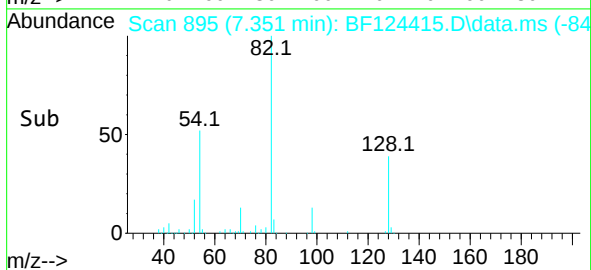
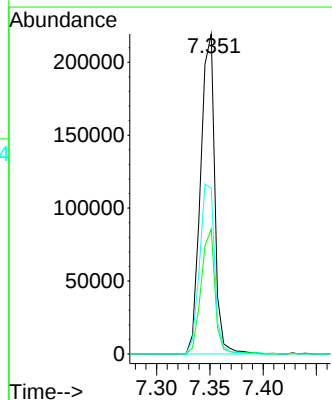
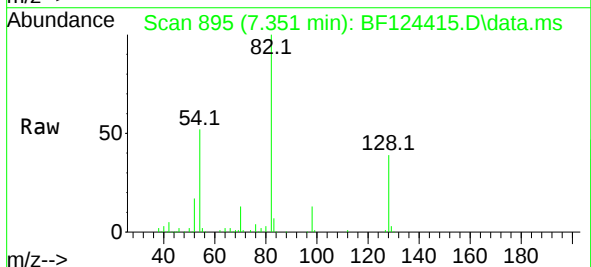


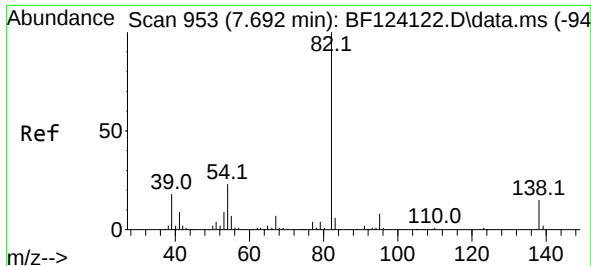
Tgt Ion:136 Resp: 196609
Ion Ratio Lower Upper
136 100
137 10.0 8.7 13.1
54 9.6 9.8 14.6#
68 5.4 4.1 6.1



#23
Nitrobenzene-d5
Concen: 41.186 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124415.D
Acq: 22 Jun 2021 16:48

Tgt Ion: 82 Resp: 204167
Ion Ratio Lower Upper
82 100
128 39.0 29.4 44.2
54 51.8 54.1 81.1#

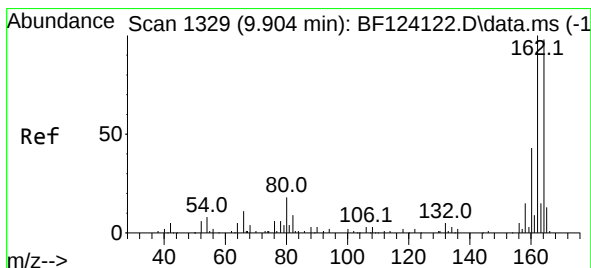
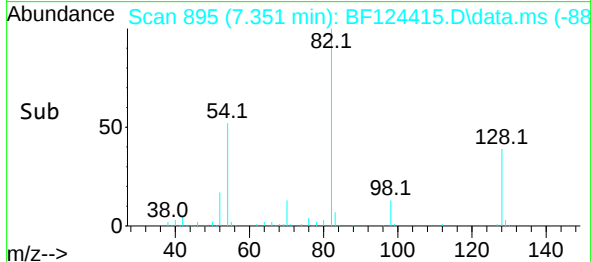
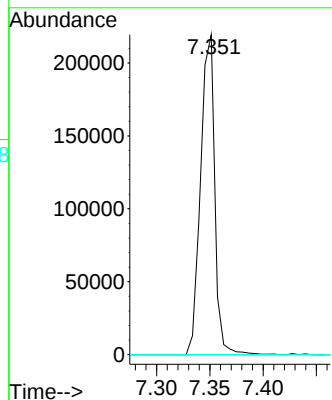
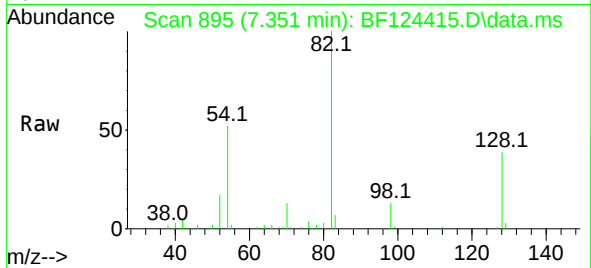




#25
Isophorone
Concen: 22.856 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124415.D
Acq: 22 Jun 2021 16:48

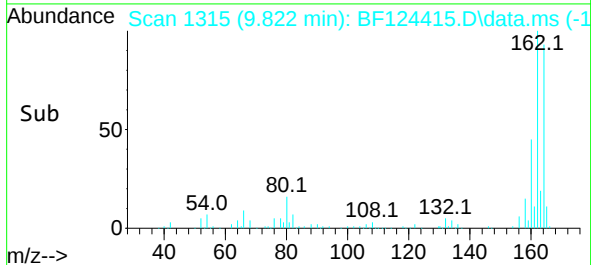
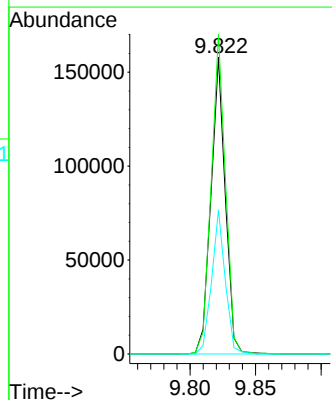
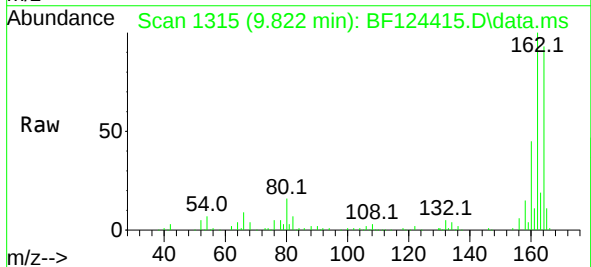
Instrument :
BNA_F
ClientSampleId :
T-2

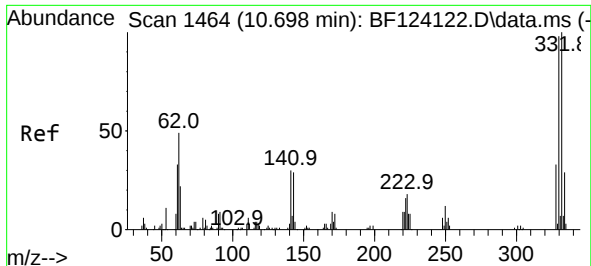
Tgt Ion: 82 Resp: 204167
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124415.D
Acq: 22 Jun 2021 16:48

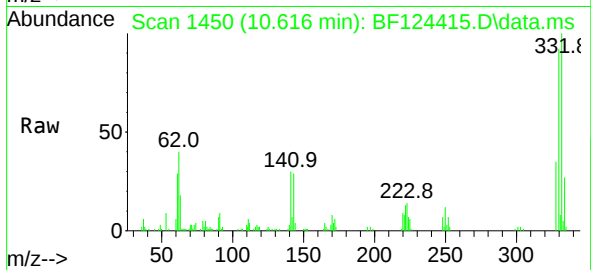
Tgt Ion:164 Resp: 120428
Ion Ratio Lower Upper
164 100
162 107.9 80.7 121.1
160 48.7 37.3 55.9



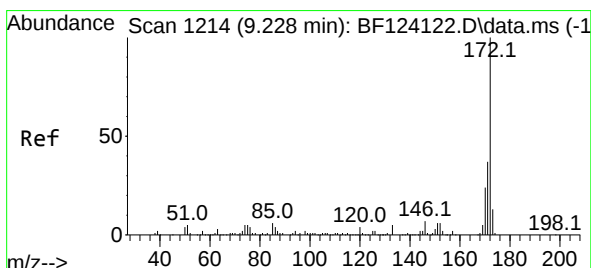
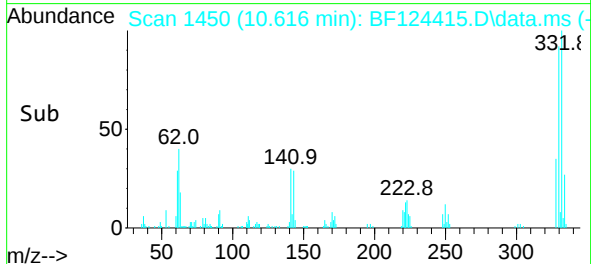
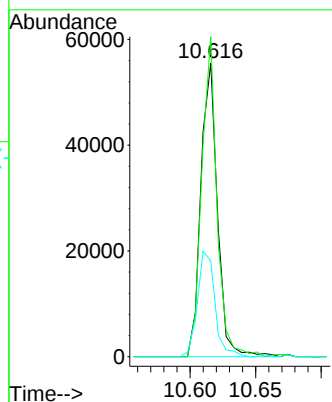


#42
2,4,6-Tribromophenol
Concen: 28.703 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124415.D
Acq: 22 Jun 2021 16:48

Instrument :
BNA_F
ClientSampleId :
T-2

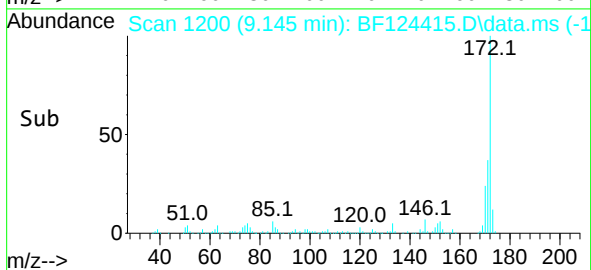
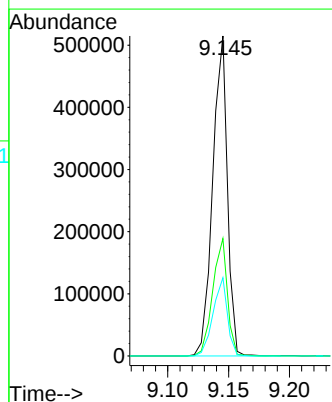
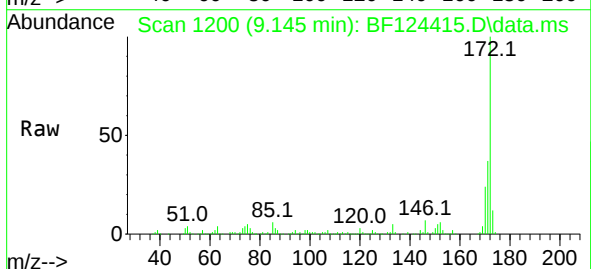


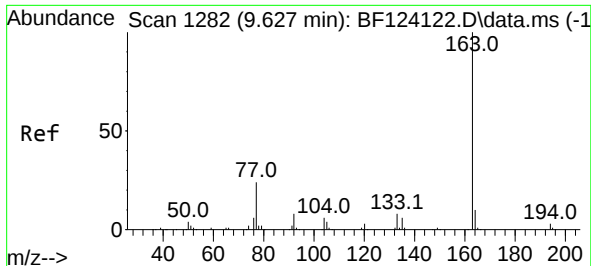
Tgt Ion: 330 Resp: 48972
Ion Ratio Lower Upper
330 100
332 100.6 77.1 115.7
141 37.9 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 44.852 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124415.D
Acq: 22 Jun 2021 16:48

Tgt Ion: 172 Resp: 429243
Ion Ratio Lower Upper
172 100
171 36.7 28.1 42.1
170 24.4 19.2 28.8

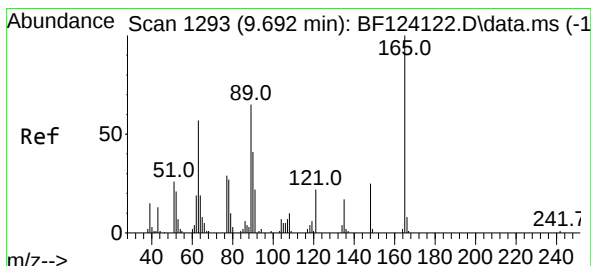
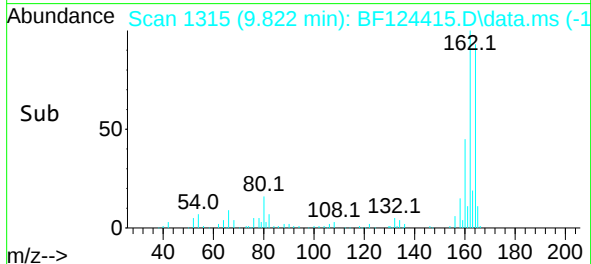
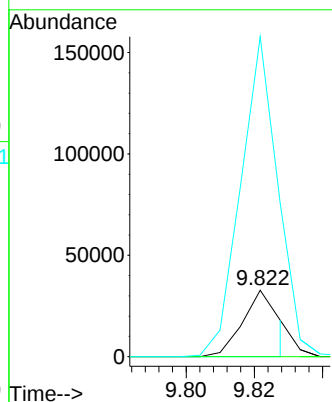
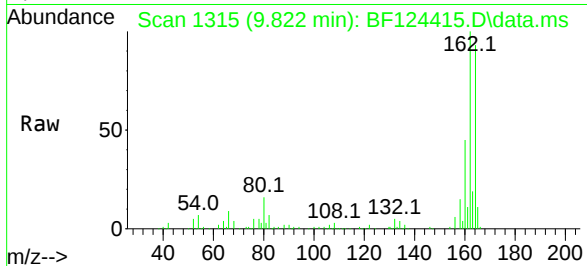




#50
Dimethylphthalate
Concen: 2.394 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124415.D
Acq: 22 Jun 2021 16:48

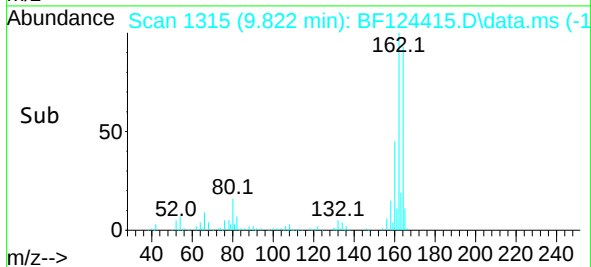
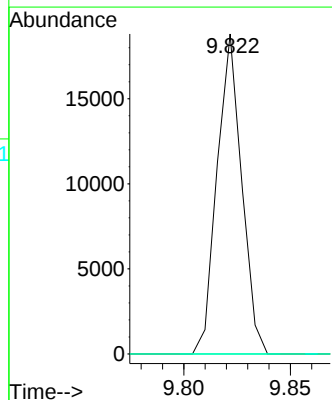
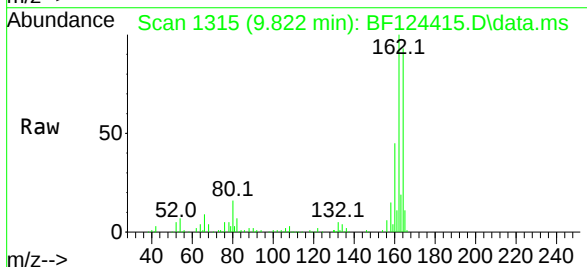
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ClientSampleId :
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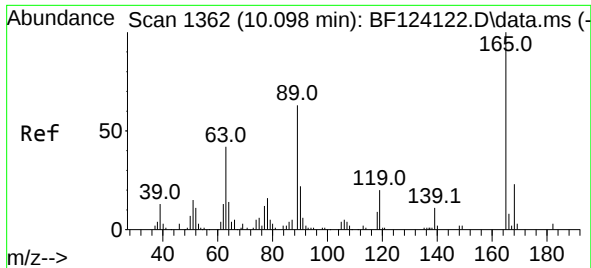
Tgt Ion:163 Resp: 23848
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 481.6 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 6.606 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124415.D
Acq: 22 Jun 2021 16:48

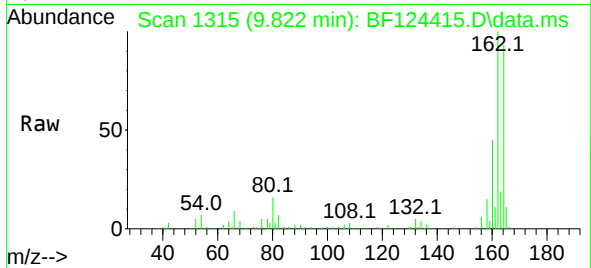
Tgt Ion:165 Resp: 15091
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



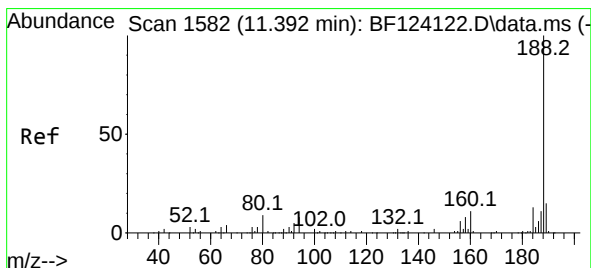
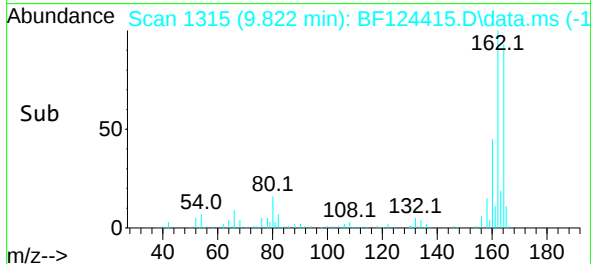
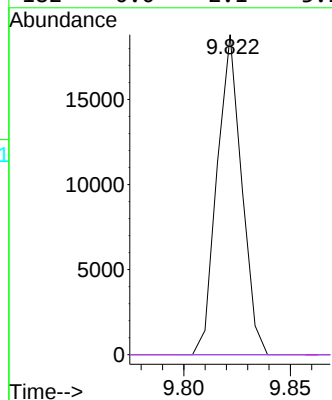


#57
2,4-Dinitrotoluene
Concen: 5.009 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124415.D
Acq: 22 Jun 2021 16:48

Instrument :
BNA_F
ClientSampled :
T-2

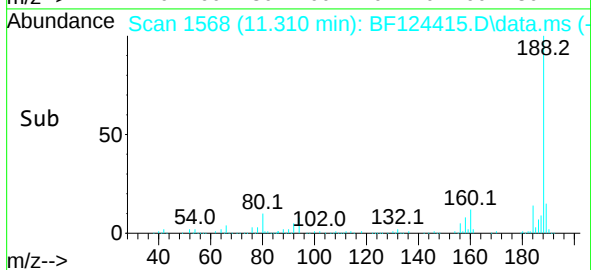
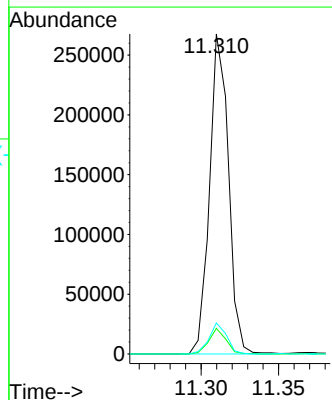
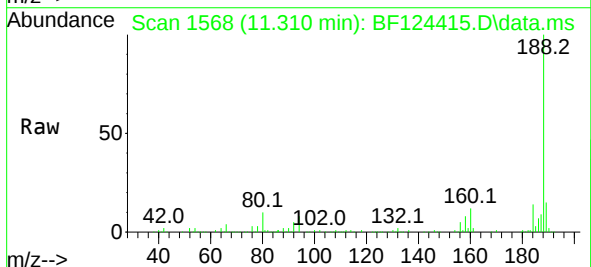


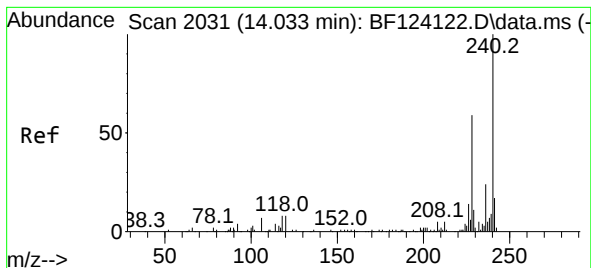
Tgt Ion:165 Resp: 15091
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124415.D
Acq: 22 Jun 2021 16:48

Tgt Ion:188 Resp: 227266
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 9.7 8.2 12.2

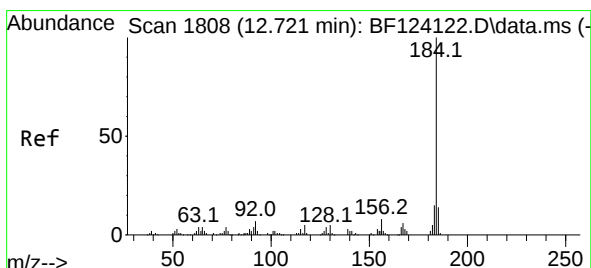
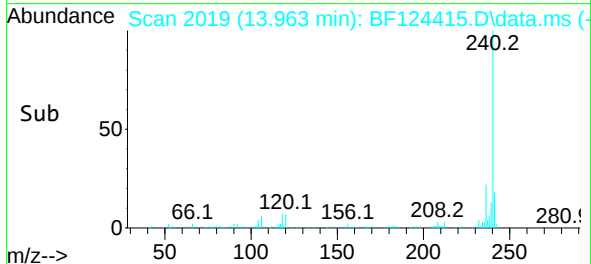
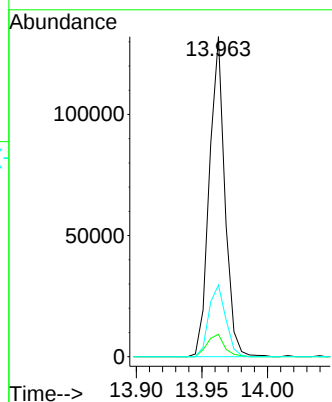
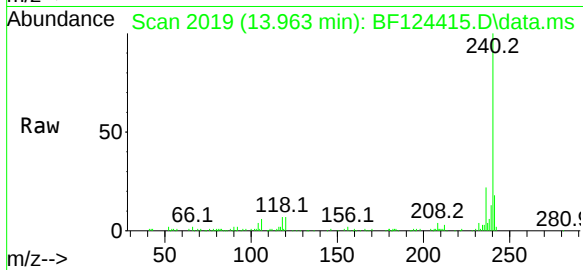




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF124415.D
Acq: 22 Jun 2021 16:48

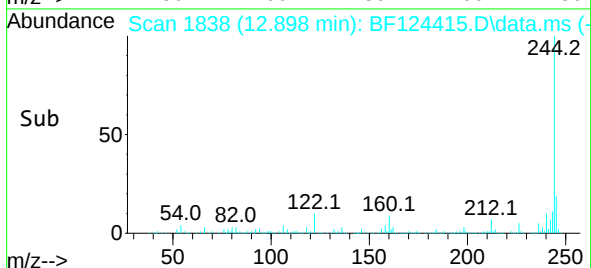
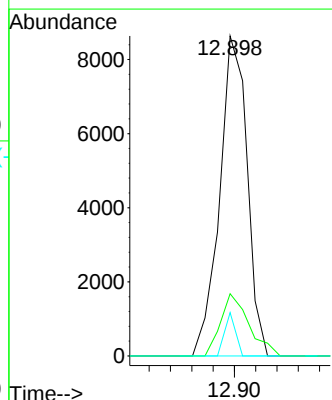
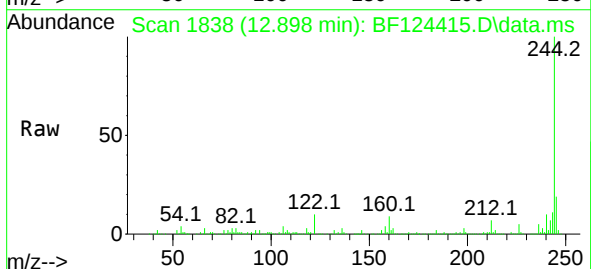
Instrument :
BNA_F
ClientSampleId :
T-2

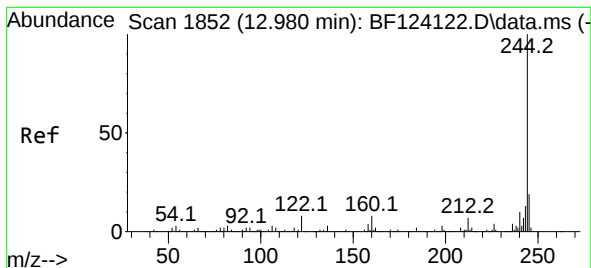
Tgt Ion:240 Resp: 109000
Ion Ratio Lower Upper
240 100
120 7.0 7.2 10.8#
236 22.4 19.0 28.4



#77
Benzidine
Concen: 6.849 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.200 min
Lab File: BF124415.D
Acq: 22 Jun 2021 16:48

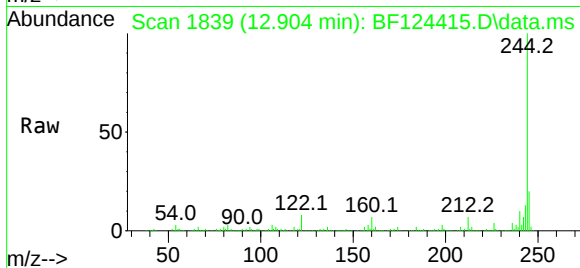
Tgt Ion:184 Resp: 7738
Ion Ratio Lower Upper
184 100
185 19.5 12.1 18.1#
183 13.5 7.8 11.8#



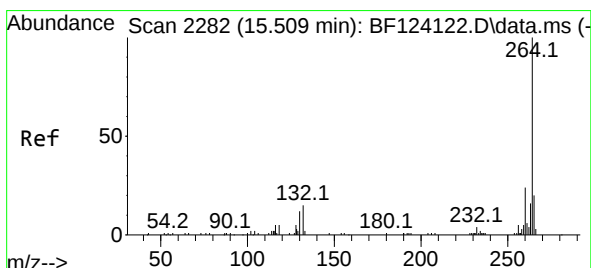
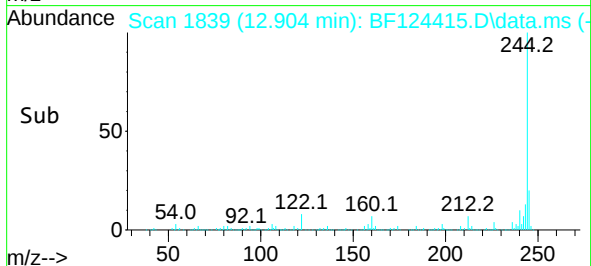
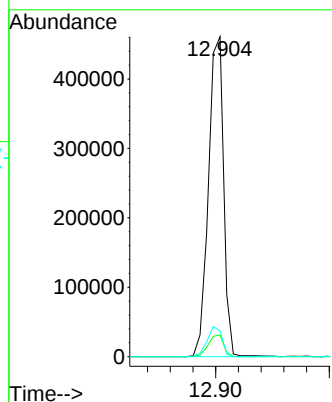


#79
 Terphenyl-d14
 Concen: 53.731 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. 0.000 min
 Lab File: BF124415.D
 Acq: 22 Jun 2021 16:48

Instrument :
 BNA_F
 ClientSampleId :
 T-2

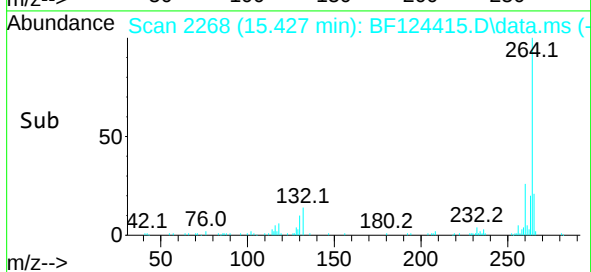
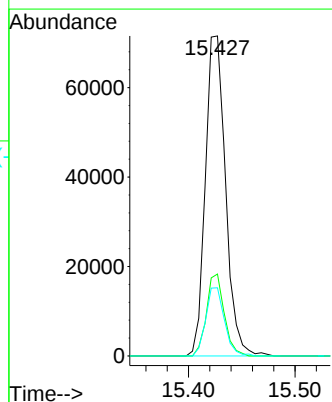
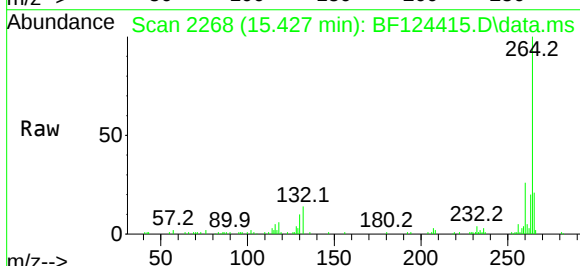


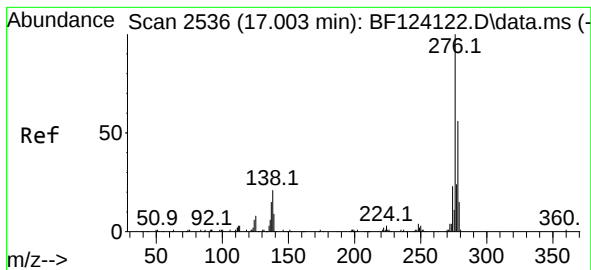
Tgt Ion:244 Resp: 426573
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 8.0 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2268
 Delta R.T. 0.012 min
 Lab File: BF124415.D
 Acq: 22 Jun 2021 16:48

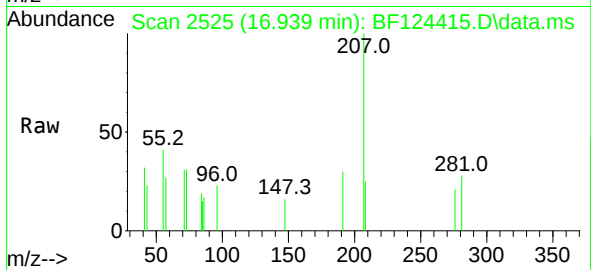
Tgt Ion:264 Resp: 94499
 Ion Ratio Lower Upper
 264 100
 260 25.6 18.7 28.1
 265 21.3 17.8 26.8





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.353 ng
 RT: 16.939 min Scan# 2525
 Delta R.T. 0.065 min
 Lab File: BF124415.D
 Acq: 22 Jun 2021 16:48

Instrument :
 BNA_F
 ClientSampleId :
 T-2



Tgt Ion:	276	Resp:	152
Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.2	24.2#
277	0.0	20.1	30.1#

