

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052521\
 Data File : BF124055.D
 Acq On : 25 May 2021 20:35
 Operator : JU/CG
 Sample : M2503-01 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-052421

Quant Time: May 26 02:35:21 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)

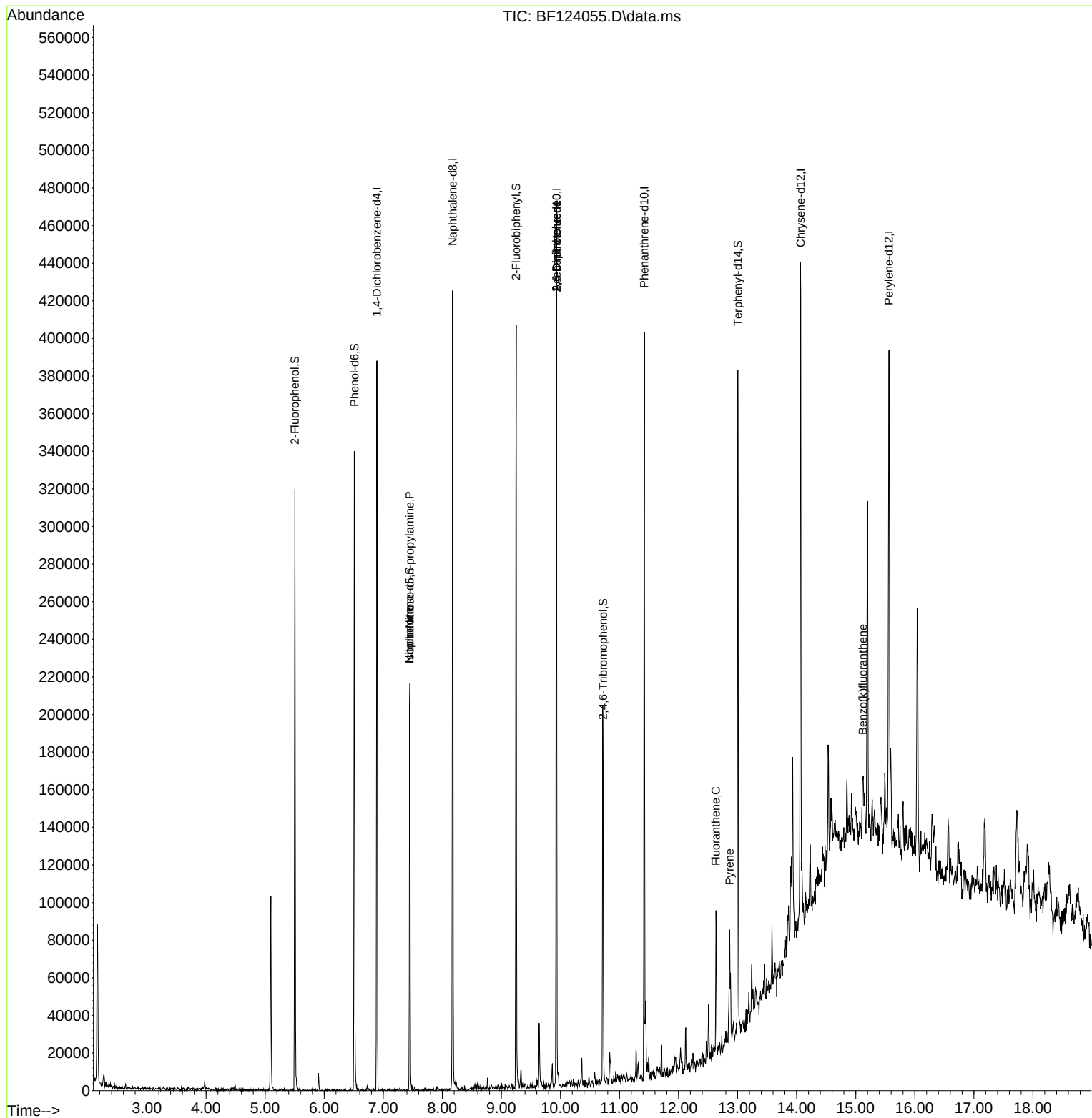
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	43996	20.00	ng	-0.01
21) Naphthalene-d8	8.175	136	154614	20.00	ng	-0.01
39) Acenaphthene-d10	9.933	164	81600	20.00	ng	-0.01
64) Phenanthrene-d10	11.421	188	122040	20.00	ng	0.00
76) Chrysene-d12	14.068	240	104690	20.00	ng	0.00
86) Perylene-d12	15.562	264	103481	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	63732	20.34	ng	0.00
7) Phenol-d6	6.510	99	79828	19.64	ng	-0.01
23) Nitrobenzene-d5	7.445	82	61574	17.16	ng	-0.02
42) 2,4,6-Tribromophenol	10.721	330	21800	22.24	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	109575	16.52	ng	-0.01
79) Terphenyl-d14	13.004	244	97425	14.09	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	8574	3.12	ng	# 72
25) Isophorone	7.445	82	61573	8.92	ng	# 69
51) 2,6-Dinitrotoluene	9.933	165	11249	8.54	ng	# 12
57) 2,4-Dinitrotoluene	9.933	165	11249	6.96	ng	# 17
75) Fluoranthene	12.633	202	29010	3.62	ng	98
78) Pyrene	12.862	202	22838	2.46	ng	96
89) Benzo(k)fluoranthene	15.121	252	15716	2.15	ng	# 88

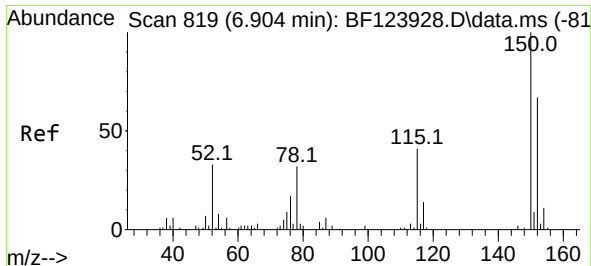
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 26 02:35:21 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

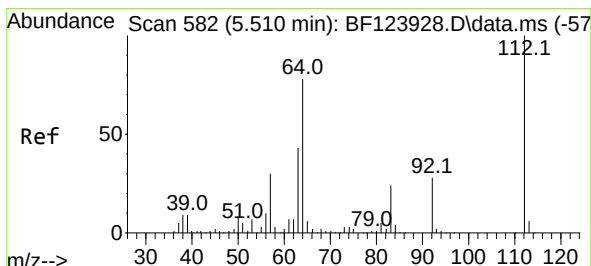
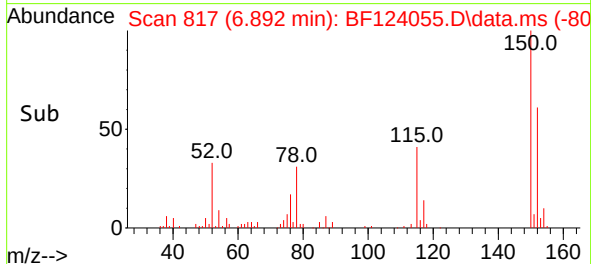
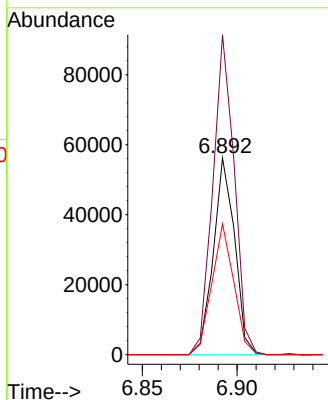
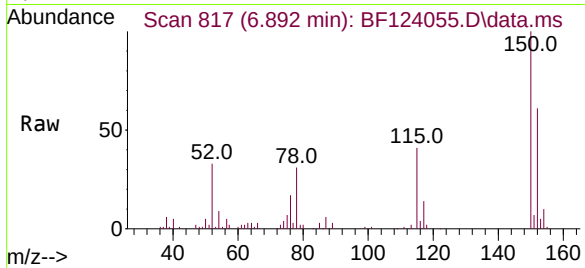




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF124055.D
Acq: 25 May 2021 20:35

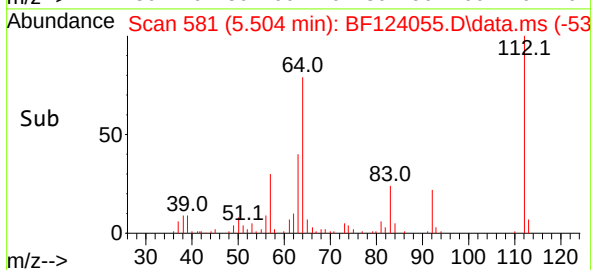
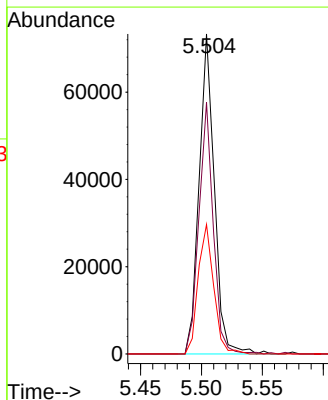
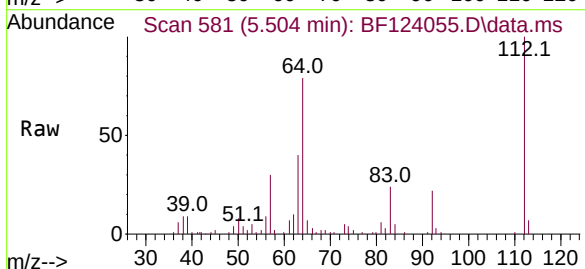
Instrument :
BNA_F
ClientSampleId :
OK-01-052421

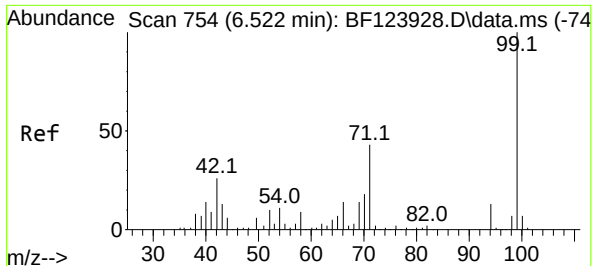
Tgt Ion:152 Resp: 43996
Ion Ratio Lower Upper
152 100
150 162.8 127.0 190.6
115 66.5 54.3 81.5



#5
2-Fluorophenol
Concen: 20.34 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF124055.D
Acq: 25 May 2021 20:35

Tgt Ion:112 Resp: 63732
Ion Ratio Lower Upper
112 100
64 78.6 61.4 92.0
63 40.5 33.0 49.4

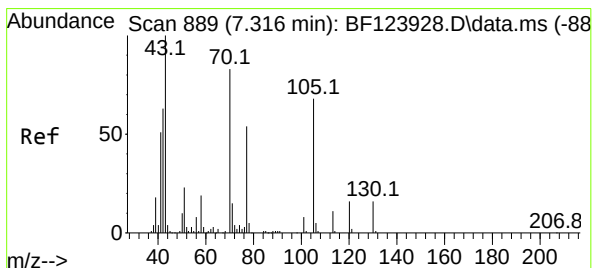
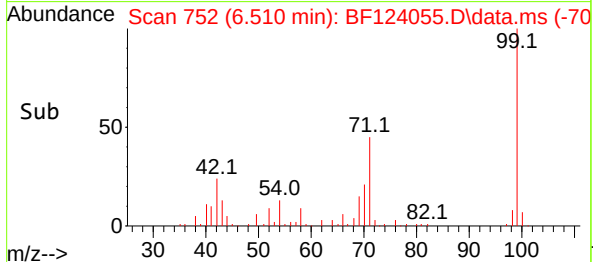
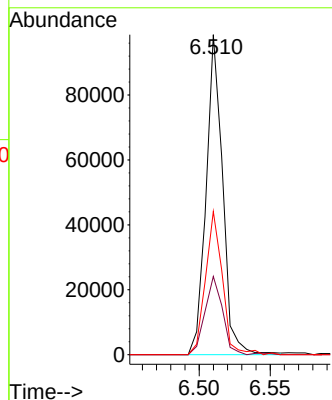
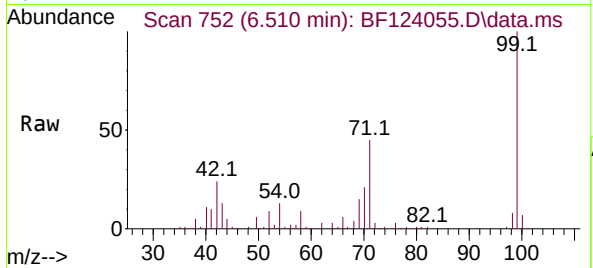




#7
Phenol-d6
Concen: 19.64 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF124055.D
Acq: 25 May 2021 20:35

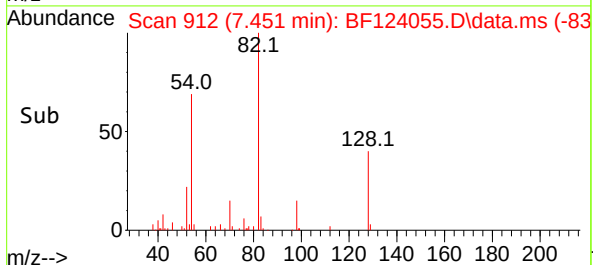
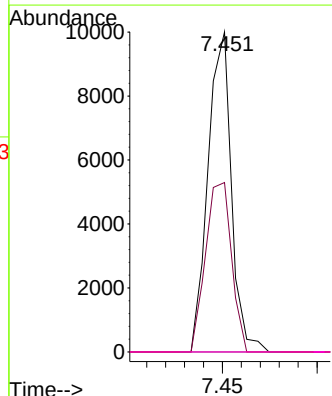
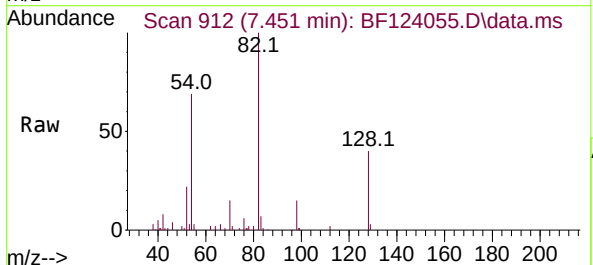
Instrument :
BNA_F
ClientSampleId :
OK-01-052421

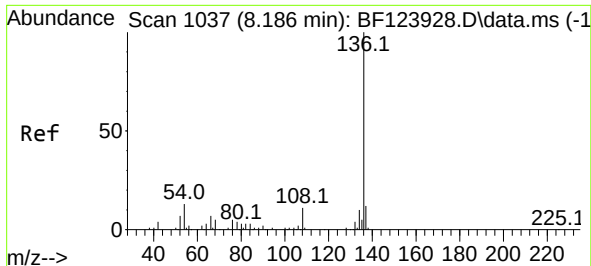
Tgt Ion: 99 Resp: 79828
Ion Ratio Lower Upper
99 100
42 24.4 19.8 29.8
71 44.7 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 3.12 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.135 min
Lab File: BF124055.D
Acq: 25 May 2021 20:35

Tgt Ion: 70 Resp: 8574
Ion Ratio Lower Upper
70 100
42 53.0 60.1 90.1#
101 0.0 7.4 11.2#
130 0.0 14.2 21.2#

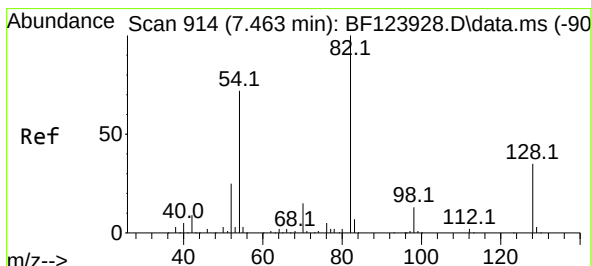
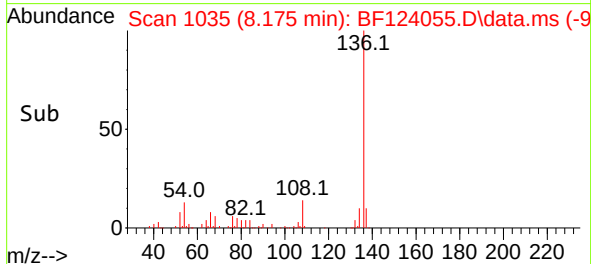
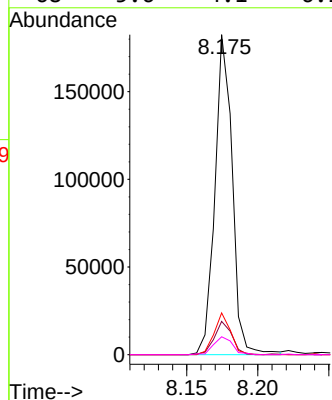
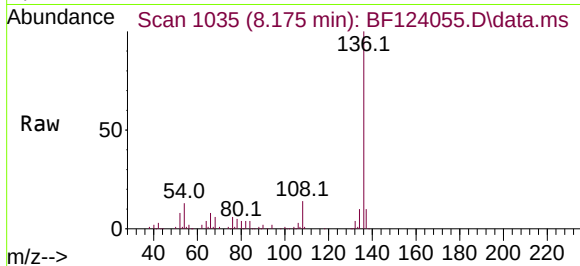




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.011 min
Lab File: BF124055.D
Acq: 25 May 2021 20:35

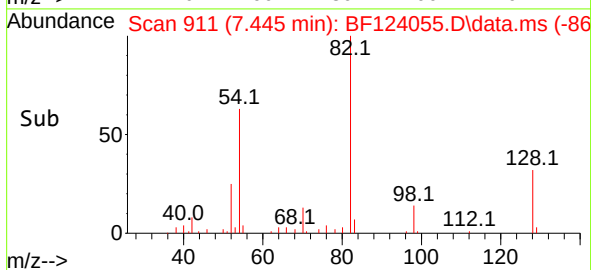
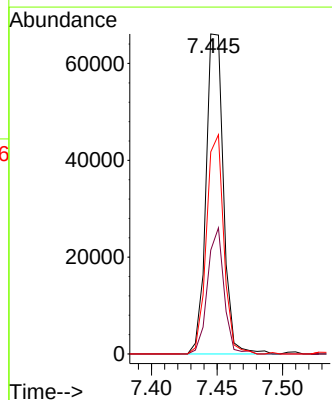
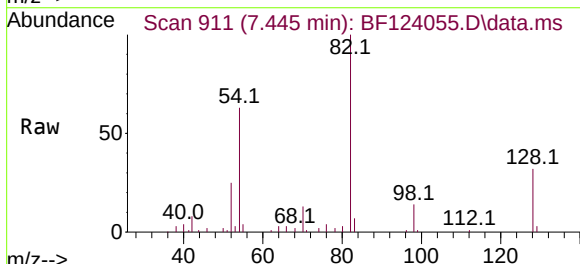
Instrument :
BNA_F
ClientSampleId :
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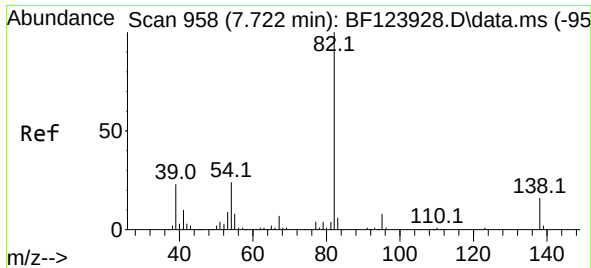
Tgt Ion:136	Resp: 154614
Ion Ratio	Lower Upper
136 100	
137 10.4	8.7 13.1
54 13.1	9.8 14.6
68 5.6	4.1 6.1



#23
Nitrobenzene-d5
Concen: 17.16 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.018 min
Lab File: BF124055.D
Acq: 25 May 2021 20:35

Tgt Ion: 82	Resp: 61574
Ion Ratio	Lower Upper
82 100	
128 32.4	29.4 44.2
54 63.1	54.1 81.1

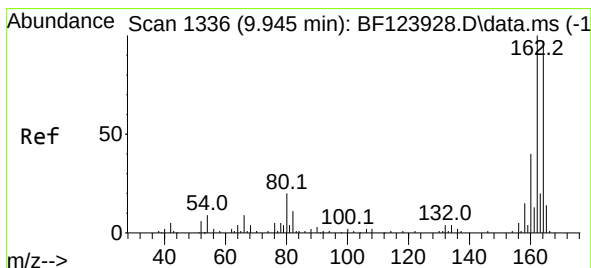
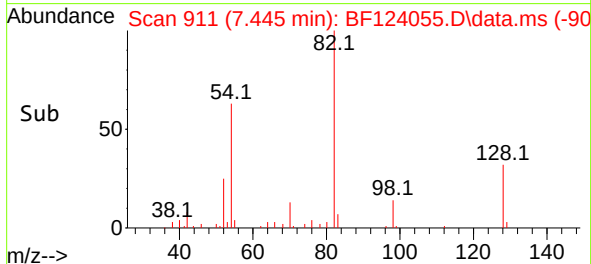
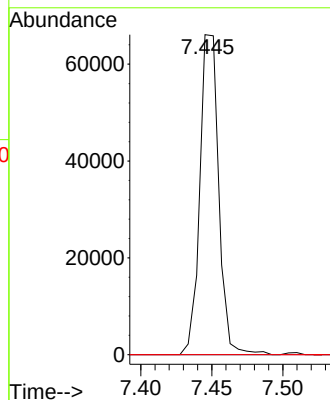
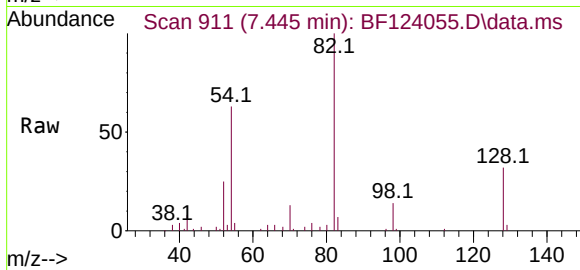




#25
Isophorone
Concen: 8.92 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.277 min
Lab File: BF124055.D
Acq: 25 May 2021 20:35

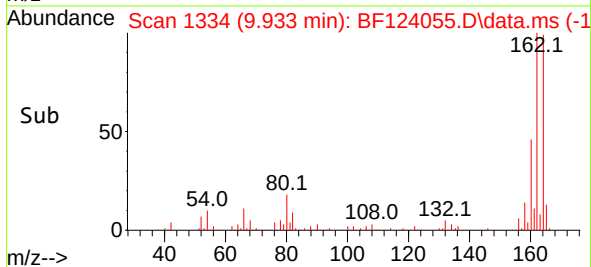
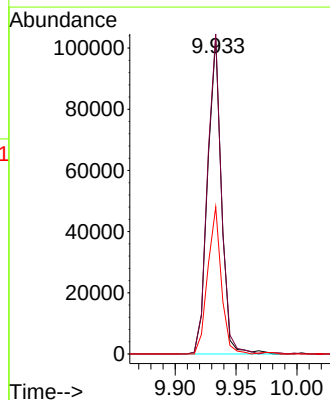
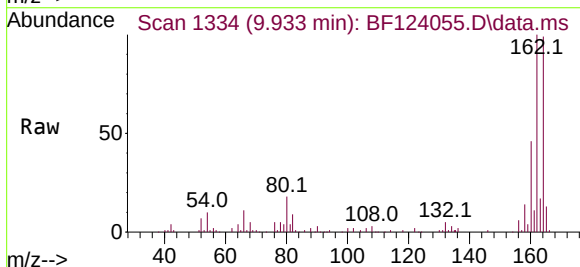
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ClientSampleId :
OK-01-052421

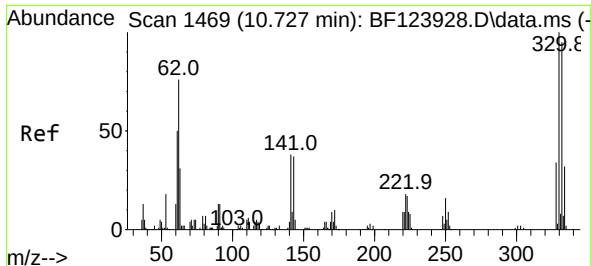
Tgt Ion: 82 Resp: 61573
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF124055.D
Acq: 25 May 2021 20:35

Tgt Ion: 164 Resp: 81600
Ion Ratio Lower Upper
164 100
162 101.1 80.7 121.1
160 46.5 37.3 55.9

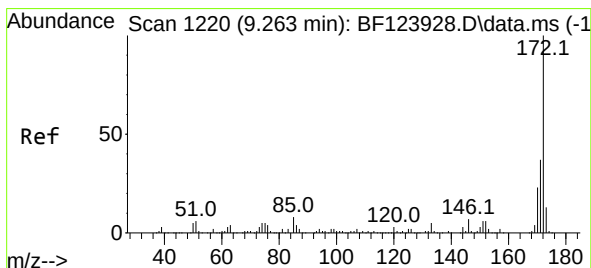
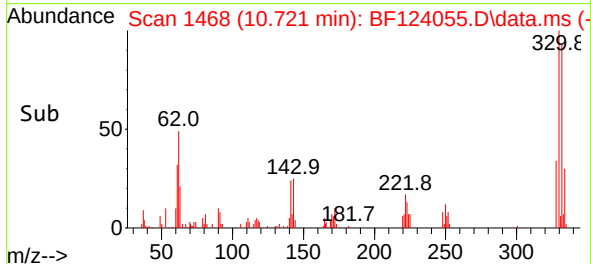
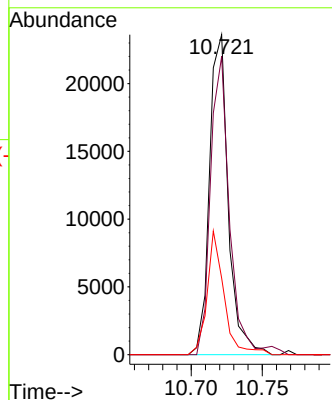
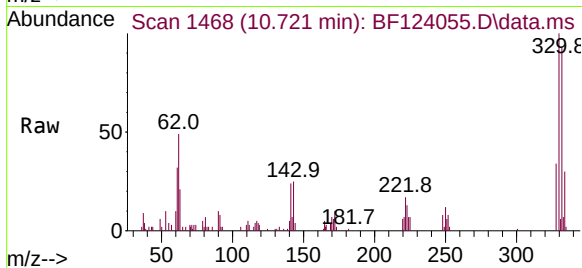




#42
2,4,6-Tribromophenol
Concen: 22.24 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF124055.D
Acq: 25 May 2021 20:35

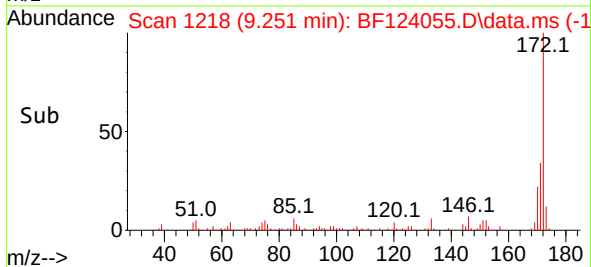
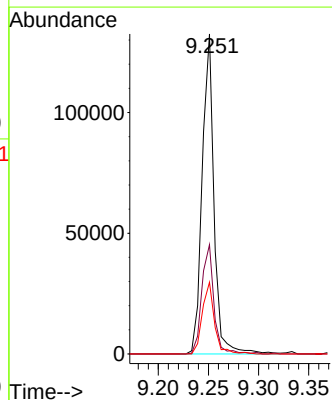
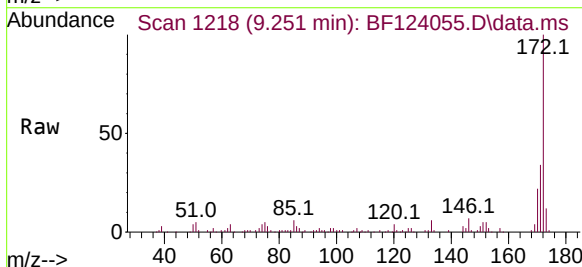
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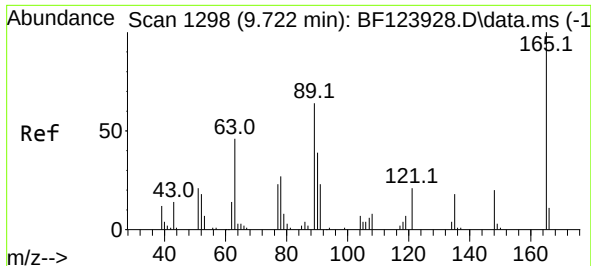
Tgt Ion: 330 Resp: 21800
Ion Ratio Lower Upper
330 100
332 94.4 77.1 115.7
141 34.8 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 16.52 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF124055.D
Acq: 25 May 2021 20:35

Tgt Ion: 172 Resp: 109575
Ion Ratio Lower Upper
172 100
171 34.2 28.1 42.1
170 22.4 19.2 28.8

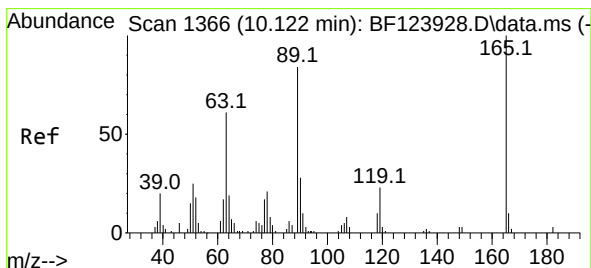
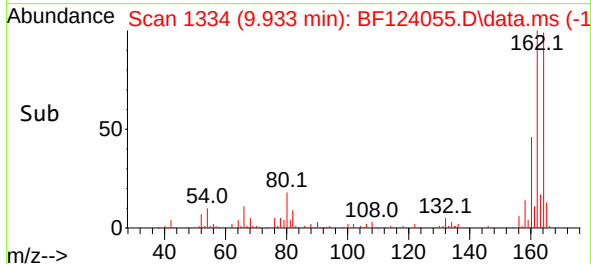
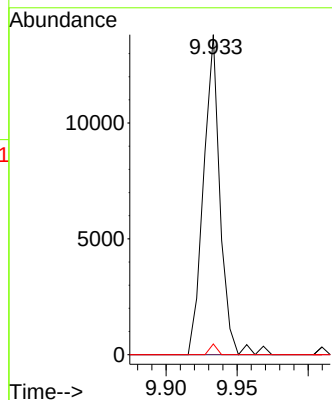
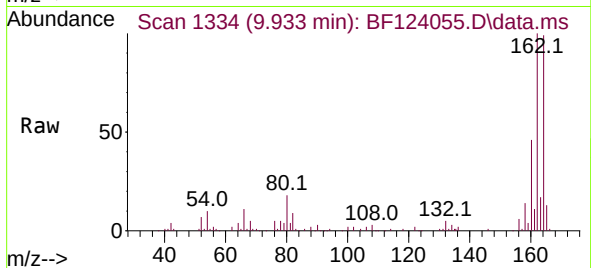




#51
2,6-Dinitrotoluene
Concen: 8.54 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF124055.D
Acq: 25 May 2021 20:35

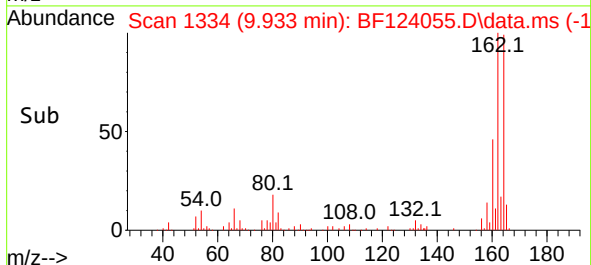
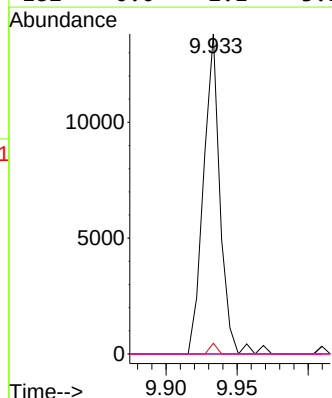
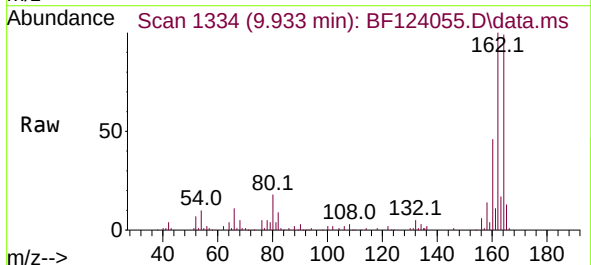
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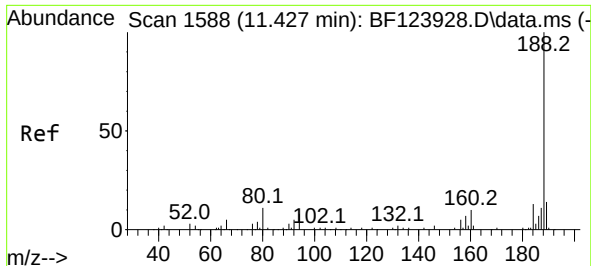
Tgt Ion:165 Resp: 11249
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 3.3 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.96 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF124055.D
Acq: 25 May 2021 20:35

Tgt Ion:165 Resp: 11249
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 3.3 67.7 101.5#
182 0.0 2.1 3.1#

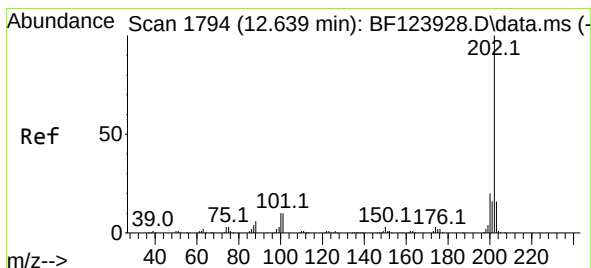
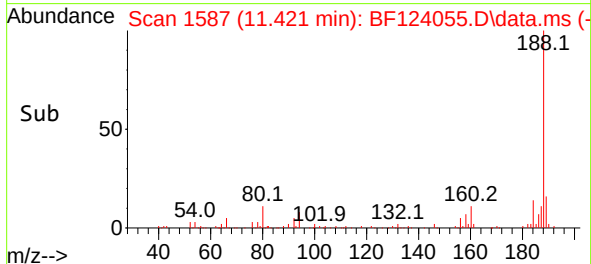
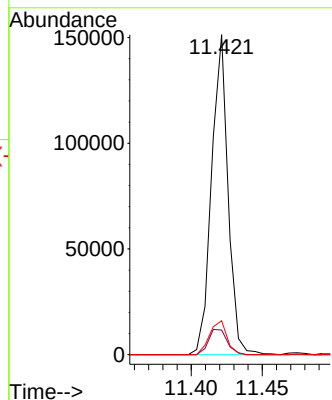
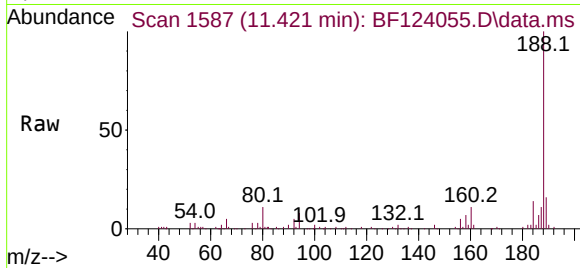




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF124055.D
Acq: 25 May 2021 20:35

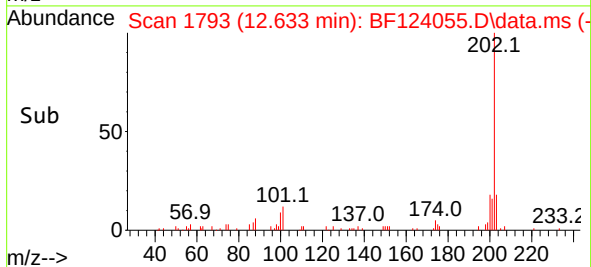
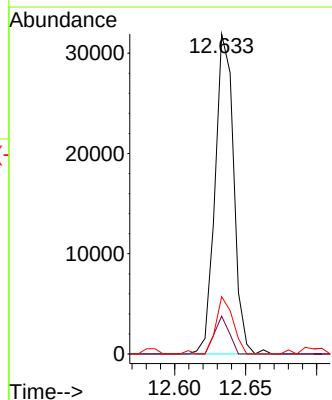
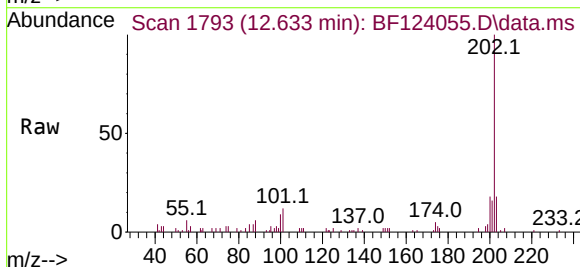
Instrument :
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ClientSampleId :
OK-01-052421

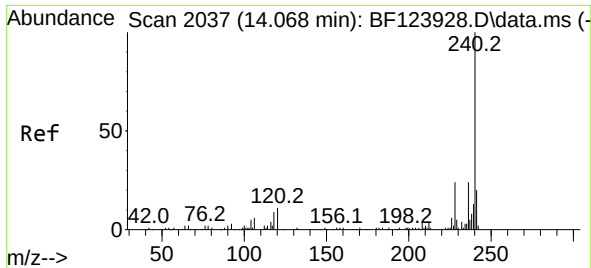
Tgt Ion:188 Resp: 122040
Ion Ratio Lower Upper
188 100
94 7.7 6.9 10.3
80 10.6 8.2 12.2



#75
Fluoranthene
Concen: 3.62 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF124055.D
Acq: 25 May 2021 20:35

Tgt Ion:202 Resp: 29010
Ion Ratio Lower Upper
202 100
101 11.8 0.0 30.9
203 17.9 0.0 37.5

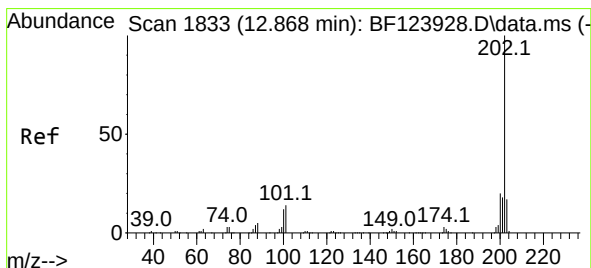
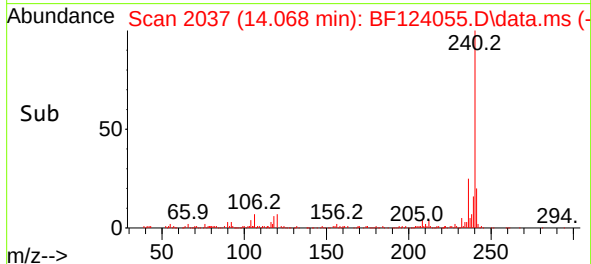
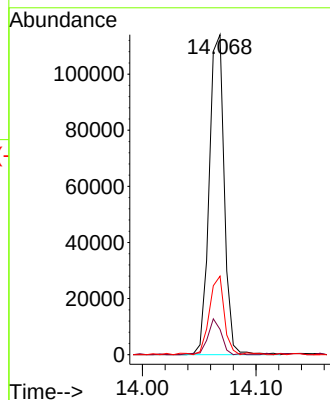
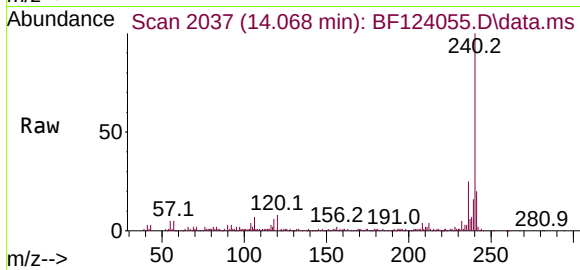




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BF124055.D
Acq: 25 May 2021 20:35

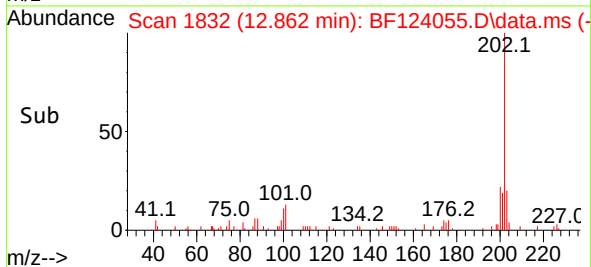
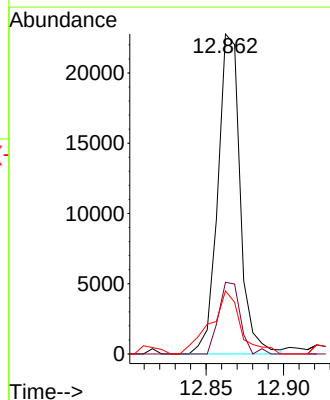
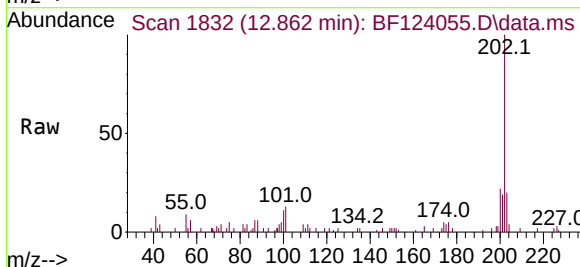
Instrument :
BNA_F
ClientSampleId :
OK-01-052421

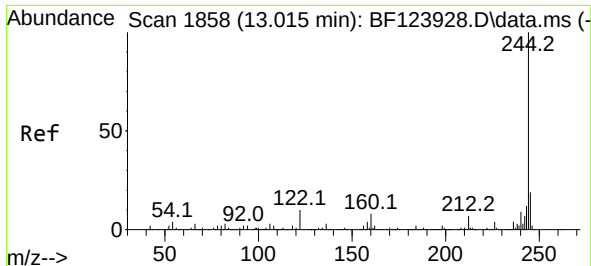
Tgt Ion:240 Resp: 104690
Ion Ratio Lower Upper
240 100
120 7.9 7.2 10.8
236 24.5 19.0 28.4



#78
Pyrene
Concen: 2.46 ng
RT: 12.862 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BF124055.D
Acq: 25 May 2021 20:35

Tgt Ion:202 Resp: 22838
Ion Ratio Lower Upper
202 100
200 22.4 16.1 24.1
203 19.7 14.8 22.2

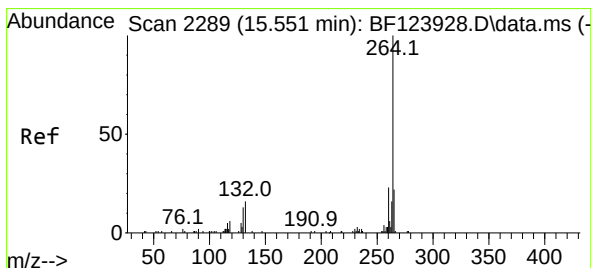
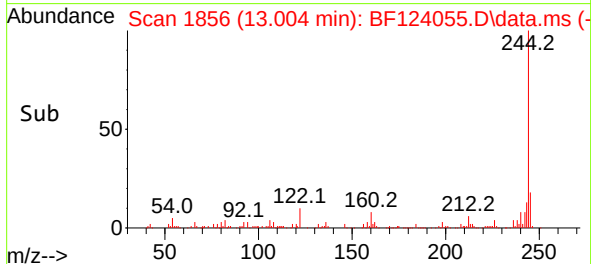
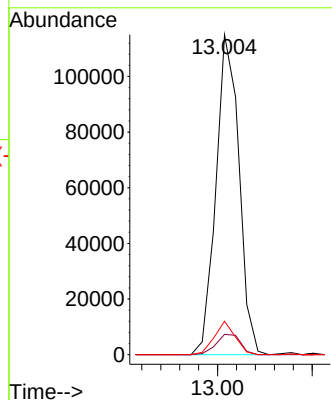
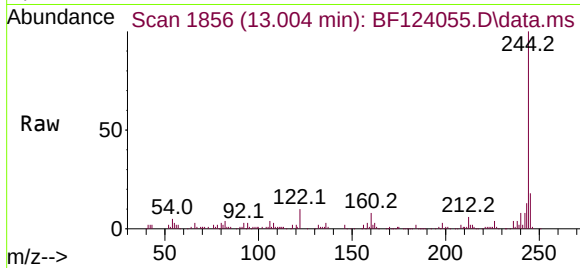




#79
Terphenyl-d14
Concen: 14.09 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.012 min
Lab File: BF124055.D
Acq: 25 May 2021 20:35

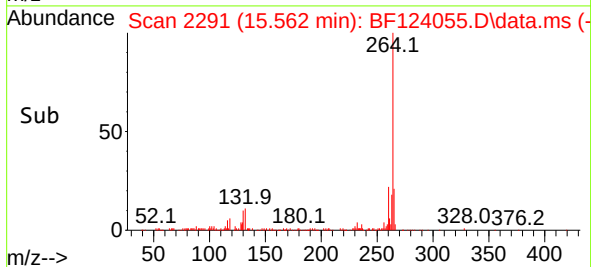
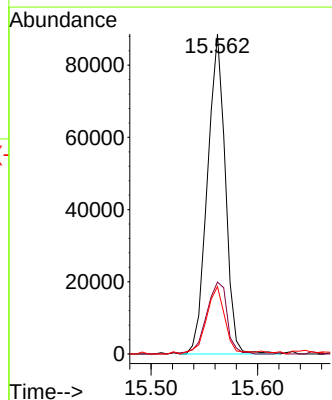
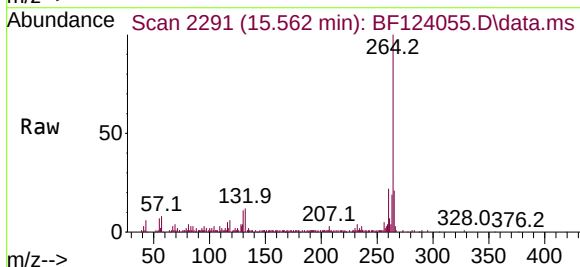
Instrument :
BNA_F
ClientSampleId :
OK-01-052421

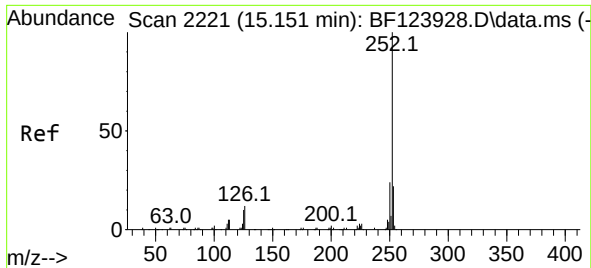
Tgt Ion:244 Resp: 97425
Ion Ratio Lower Upper
244 100
212 6.4 5.7 8.5
122 10.4 9.7 14.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.562 min Scan# 2291
Delta R.T. 0.012 min
Lab File: BF124055.D
Acq: 25 May 2021 20:35

Tgt Ion:264 Resp: 103481
Ion Ratio Lower Upper
264 100
260 22.5 18.7 28.1
265 21.1 17.8 26.8





#89

Benzo(k)fluoranthene

Concen: 2.15 ng

RT: 15.121 min Scan# 2216

Delta R.T. -0.030 min

Lab File: BF124055.D

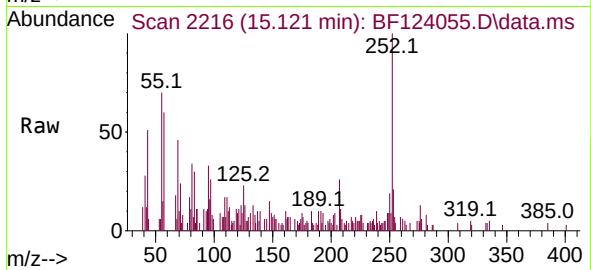
Acq: 25 May 2021 20:35

Instrument :

BNA_F

ClientSampleId :

OK-01-052421



Tgt Ion:	252	Resp:	15716
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.9	26.9
125	22.6	7.0	10.6#

