

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
 Data File : BF125878.D
 Acq On : 18 Oct 2021 15:40
 Operator : JU/CG
 Sample : M4260-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-DB-(1)

Quant Time: Oct 19 09:07:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 18 12:43:03 2021
 Response via : Initial Calibration

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

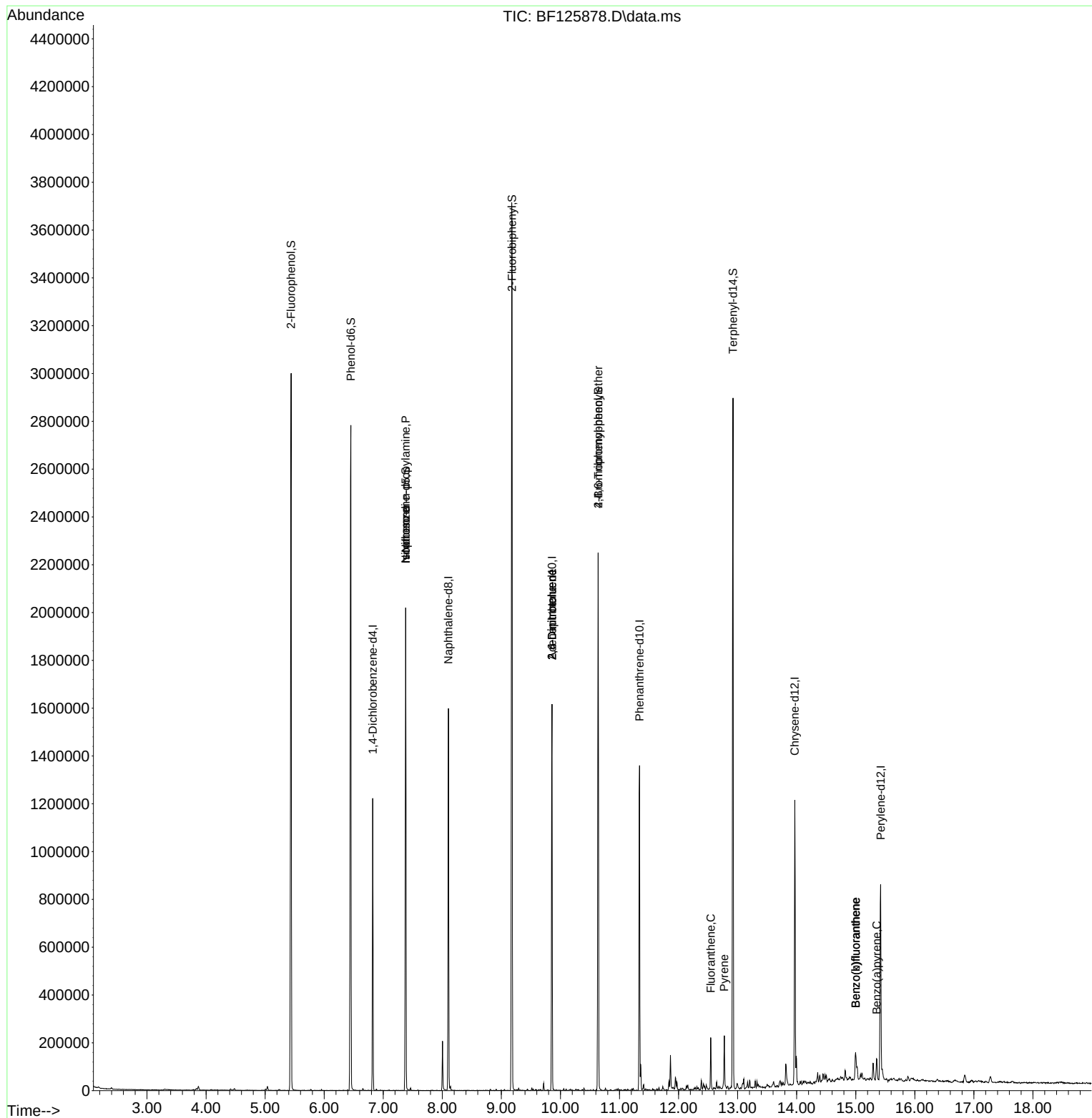
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	169719	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	677798	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	336869	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	499372	20.000	ng	0.00
76) Chrysene-d12	13.968	240	363577	20.000	ng	0.00
86) Perylene-d12	15.421	264	350329	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	916426	88.210	ng	0.00
7) Phenol-d6	6.451	99	1115542	83.410	ng	0.00
23) Nitrobenzene-d5	7.381	82	652590	59.848	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	268148	80.623	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1249018	63.952	ng	0.00
79) Terphenyl-d14	12.921	244	898186	37.631	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	80847	11.451	ng	# 50
25) Isophorone	7.381	82	650172	33.656	ng	# 59
51) 2,6-Dinitrotoluene	9.857	165	43311	9.663	ng	# 27
57) 2,4-Dinitrotoluene	9.857	165	43311	7.642	ng	# 19
67) 4-Bromophenyl-phenylether	10.639	248	15011	2.714	ng	# 1
75) Fluoranthene	12.545	202	75630	3.137	ng	96
78) Pyrene	12.774	202	82566	2.235	ng	98
88) Benzo(b)fluoranthene	14.998	252	82097	4.151	ng	97
89) Benzo(k)fluoranthene	14.998	252	82097	4.043	ng	# 95
90) Benzo(a)pyrene	15.357	252	43072	2.459	ng	99

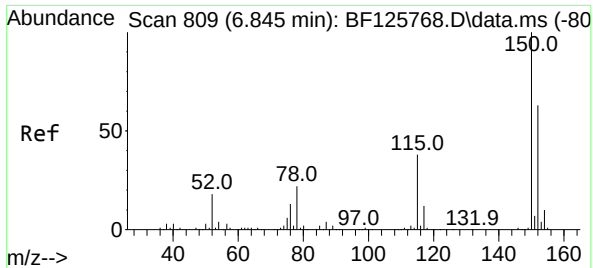
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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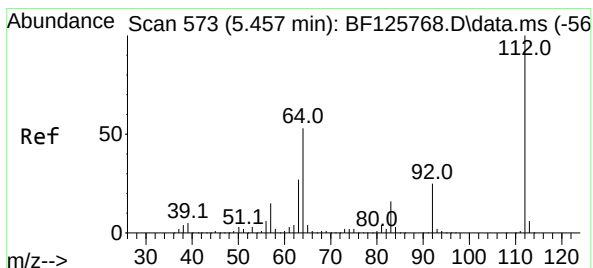
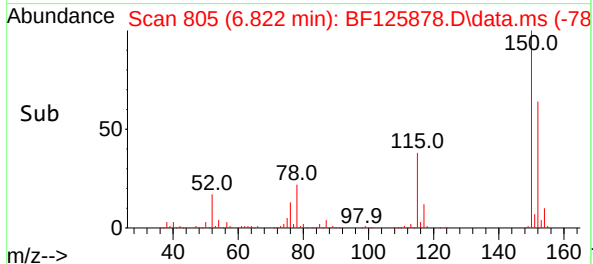
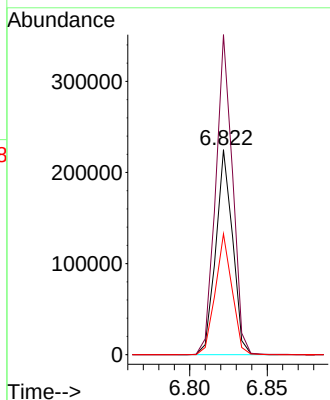
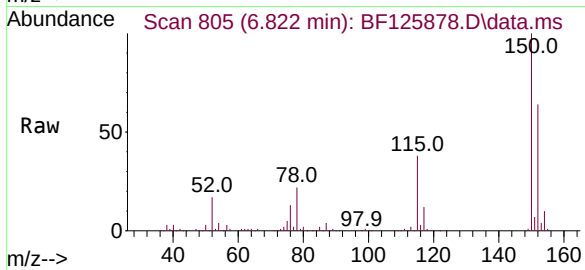




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF125878.D
Acq: 18 Oct 2021 15:40

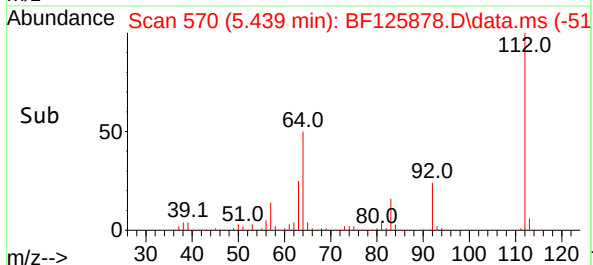
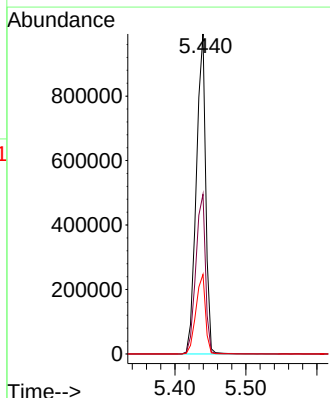
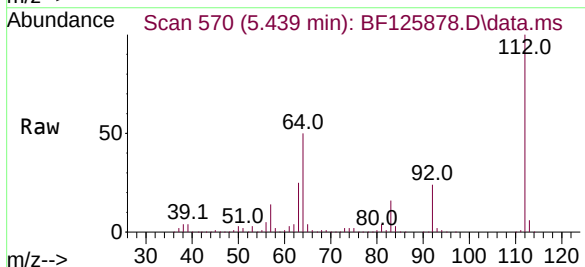
Instrument :
BNA_F
ClientSampleId :
TEST-DB-(1)

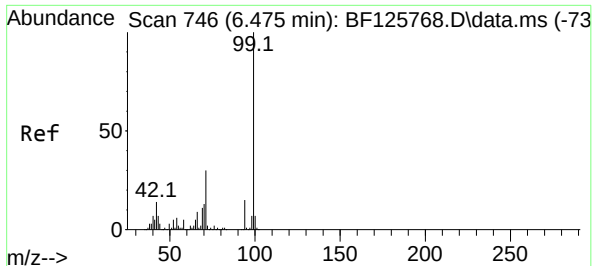
Tgt Ion:152 Resp: 169719
Ion Ratio Lower Upper
152 100
150 156.2 117.6 176.4
115 59.0 47.1 70.7



#5
2-Fluorophenol
Concen: 88.210 ng
RT: 5.439 min Scan# 570
Delta R.T. -0.000 min
Lab File: BF125878.D
Acq: 18 Oct 2021 15:40

Tgt Ion:112 Resp: 916426
Ion Ratio Lower Upper
112 100
64 49.9 44.2 66.2
63 24.8 26.2 39.2#

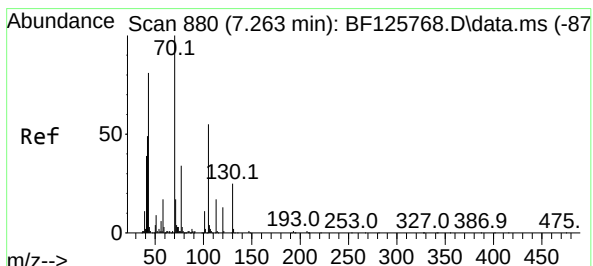
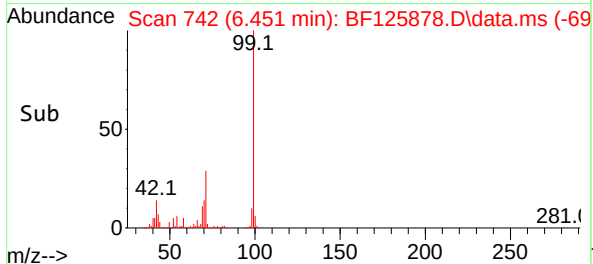
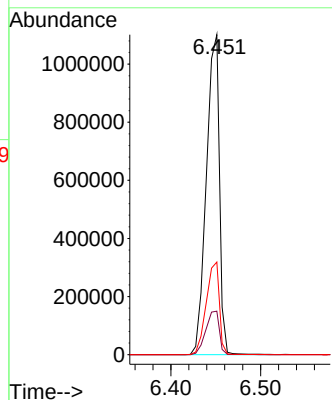
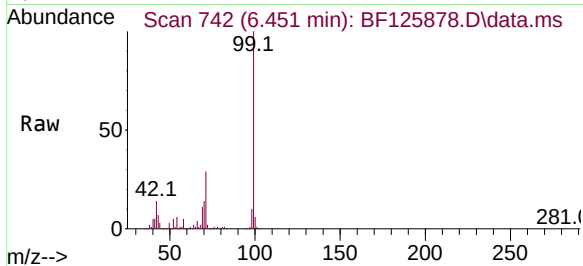




#7
Phenol-d6
Concen: 83.410 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF125878.D
Acq: 18 Oct 2021 15:40

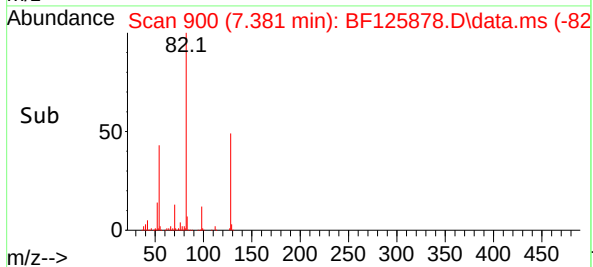
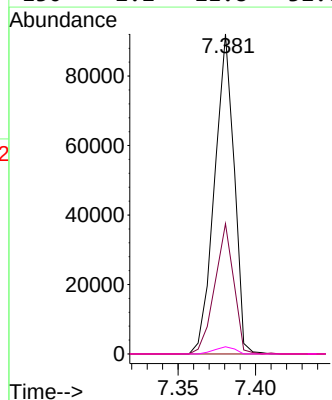
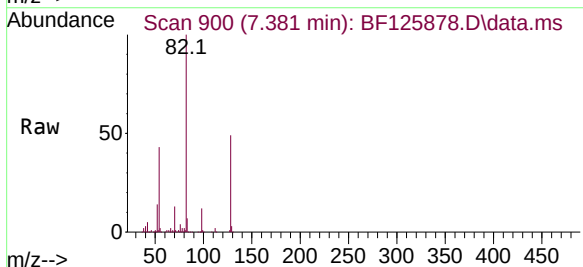
Instrument :
BNA_F
ClientSampleId :
TEST-DB-(1)

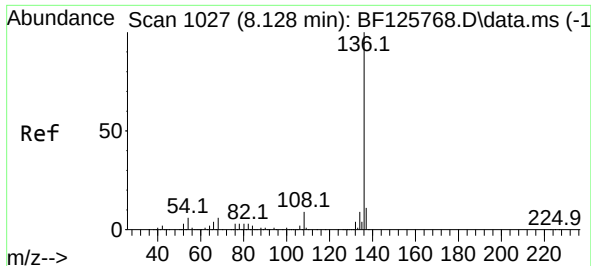
Tgt Ion: 99 Resp: 1115542
Ion Ratio Lower Upper
99 100
42 13.6 23.5 35.3#
71 29.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.451 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF125878.D
Acq: 18 Oct 2021 15:40

Tgt Ion: 70 Resp: 80847
Ion Ratio Lower Upper
70 100
42 40.7 72.2 108.2#
101 0.0 7.8 11.8#
130 2.2 21.8 32.6#

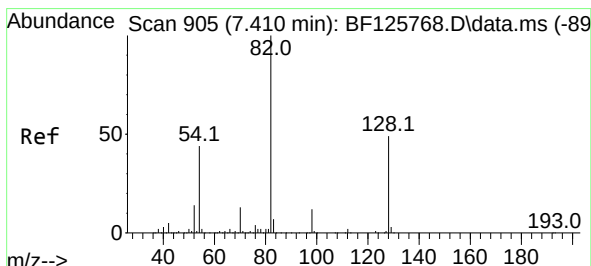
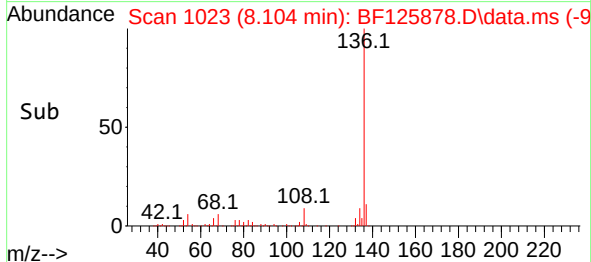
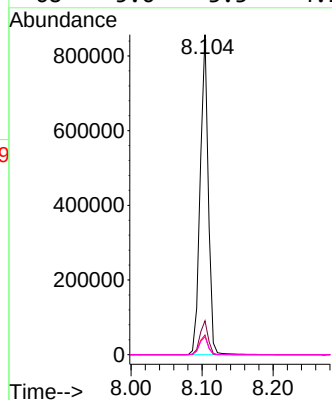
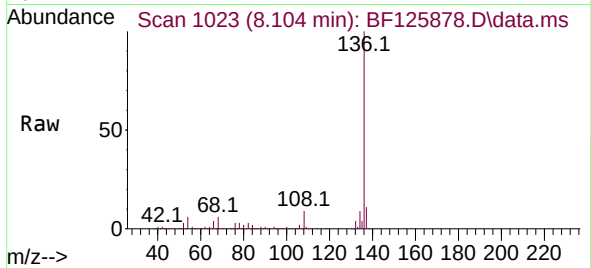




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF125878.D
Acq: 18 Oct 2021 15:40

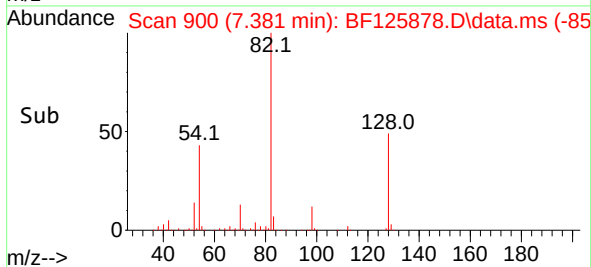
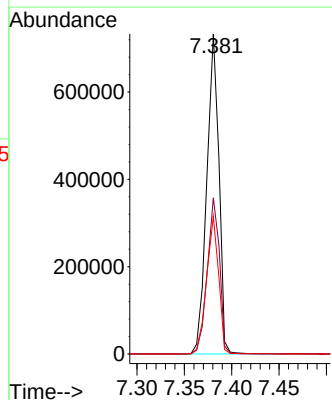
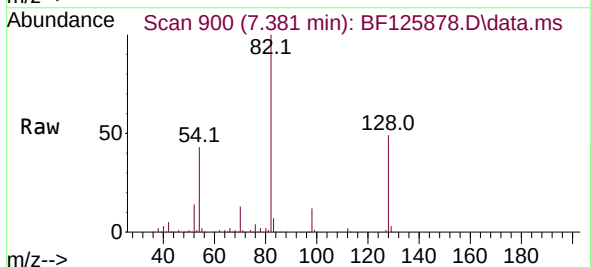
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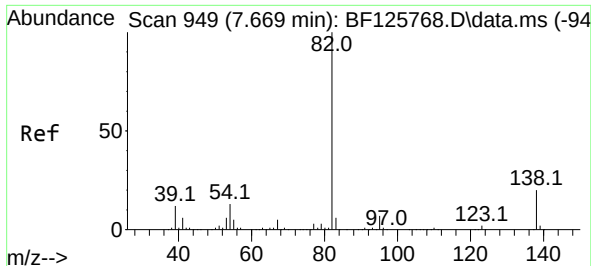
Tgt Ion:	136	Resp:	677798
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.8	14.6
54	6.2	6.4	9.6#
68	5.6	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 59.848 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF125878.D
Acq: 18 Oct 2021 15:40

Tgt Ion:	82	Resp:	652590
Ion Ratio	Lower	Upper	
82	100		
128	48.8	40.6	60.8
54	43.1	49.6	74.4#

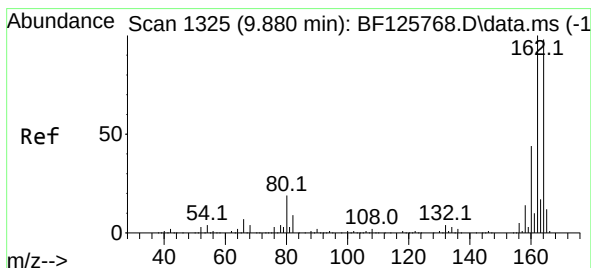
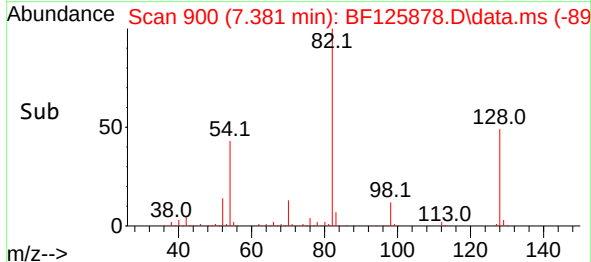
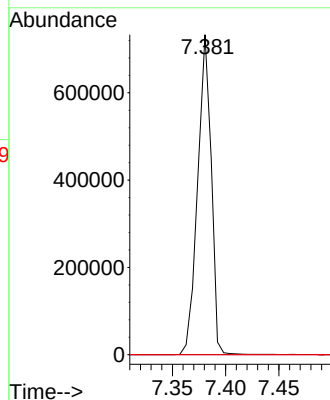
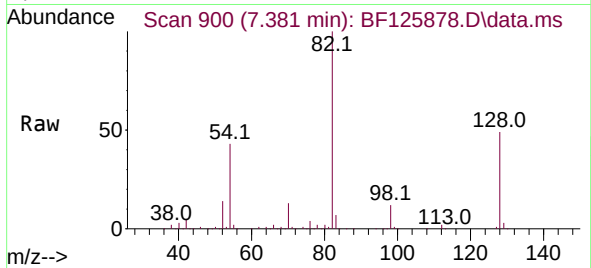




#25
Isophorone
Concen: 33.656 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.271 min
Lab File: BF125878.D
Acq: 18 Oct 2021 15:40

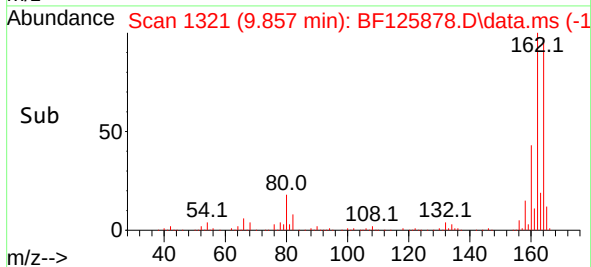
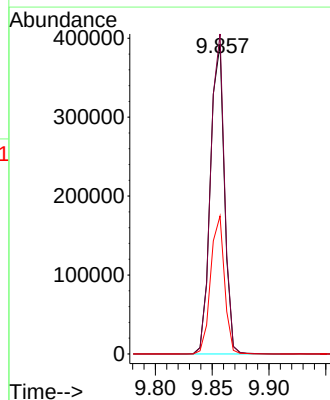
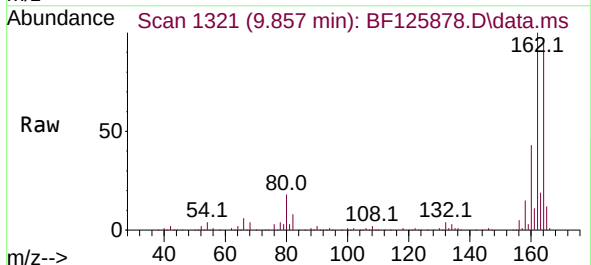
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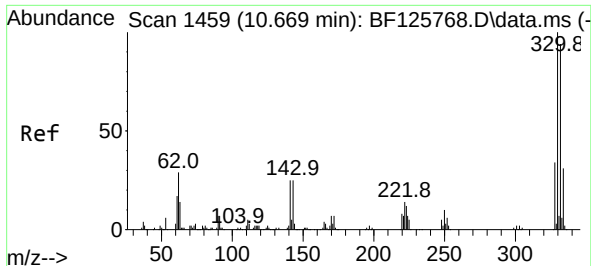
Tgt Ion: 82 Resp: 650172
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF125878.D
Acq: 18 Oct 2021 15:40

Tgt Ion: 164 Resp: 336869
Ion Ratio Lower Upper
164 100
162 103.3 81.3 121.9
160 44.5 38.0 57.0

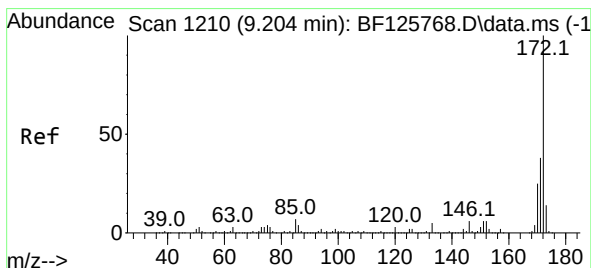
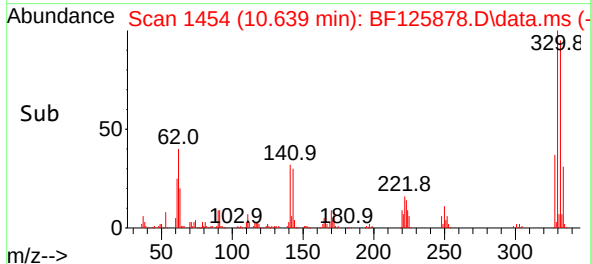
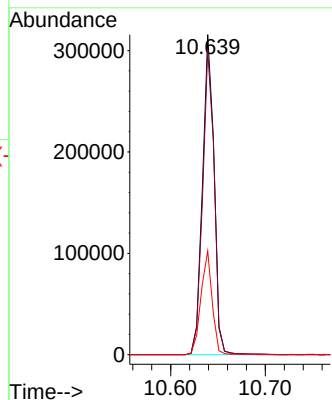
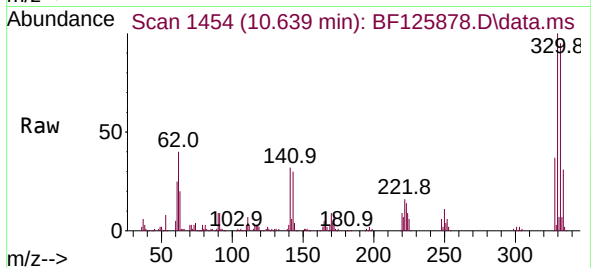




#42
2,4,6-Tribromophenol
Concen: 80.623 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF125878.D
Acq: 18 Oct 2021 15:40

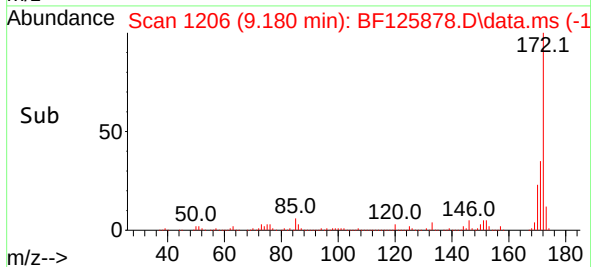
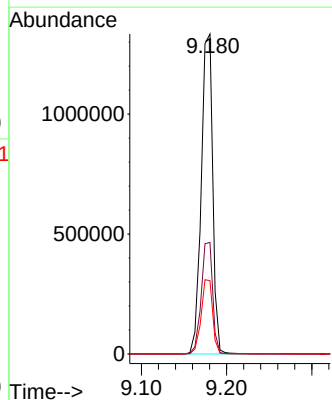
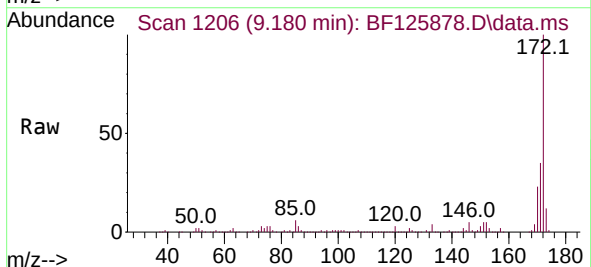
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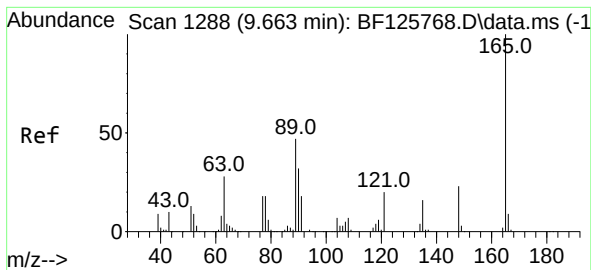
Tgt Ion: 330 Resp: 268148
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 31.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 63.952 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF125878.D
Acq: 18 Oct 2021 15:40

Tgt Ion: 172 Resp: 1249018
Ion Ratio Lower Upper
172 100
171 34.8 26.5 39.7
170 22.9 18.8 28.2

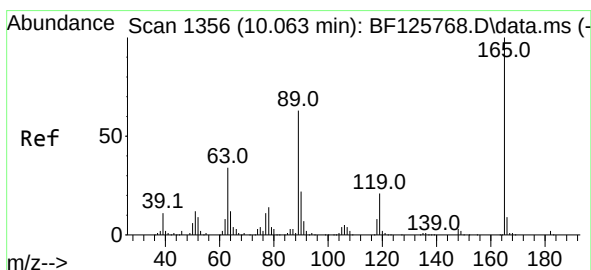
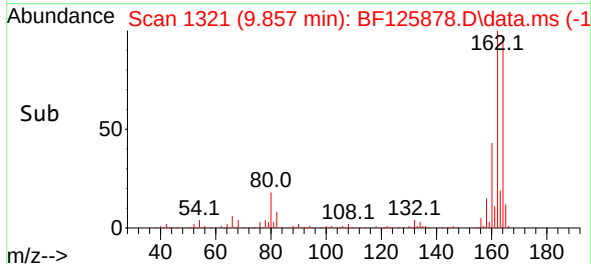
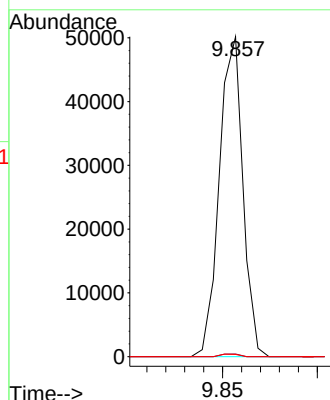
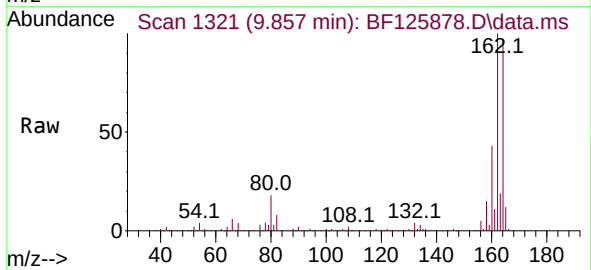




#51
2,6-Dinitrotoluene
Concen: 9.663 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.218 min
Lab File: BF125878.D
Acq: 18 Oct 2021 15:40

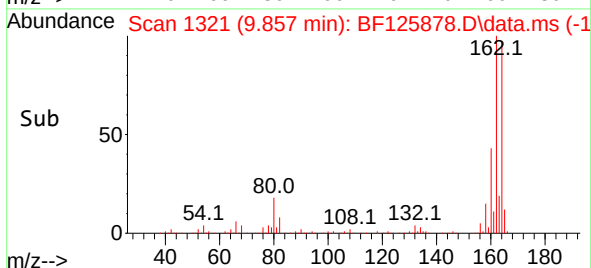
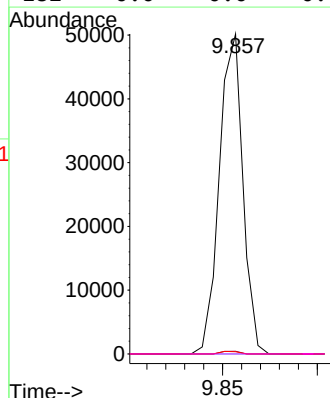
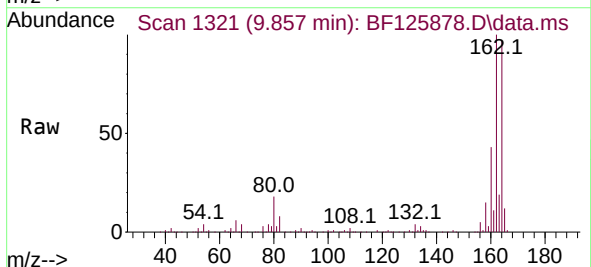
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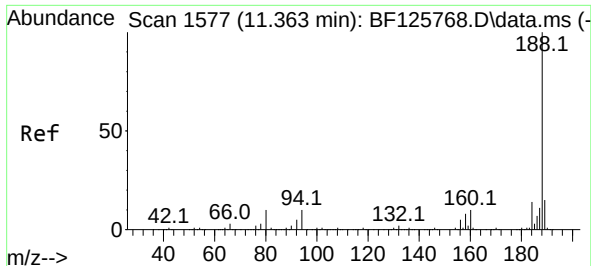
Tgt Ion:165 Resp: 43311
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 0.7 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.642 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.188 min
Lab File: BF125878.D
Acq: 18 Oct 2021 15:40

Tgt Ion:165 Resp: 43311
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 0.7 59.7 89.5#
182 0.0 0.0 0.0

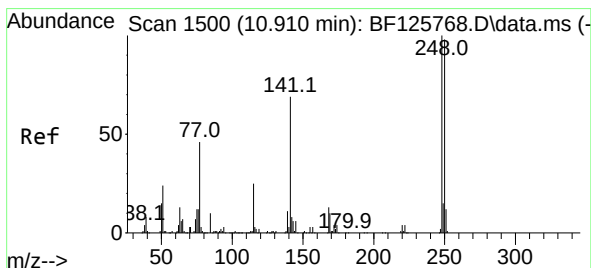
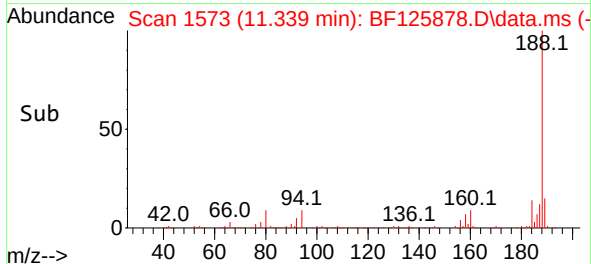
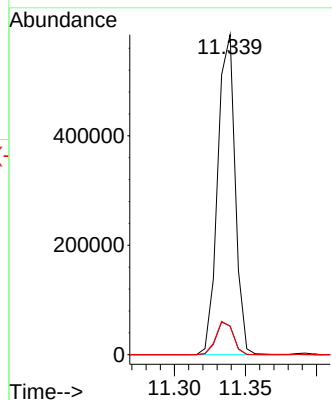
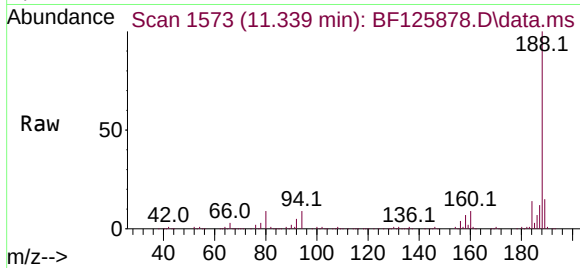




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF125878.D
Acq: 18 Oct 2021 15:40

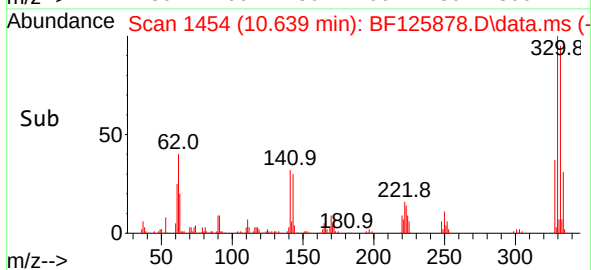
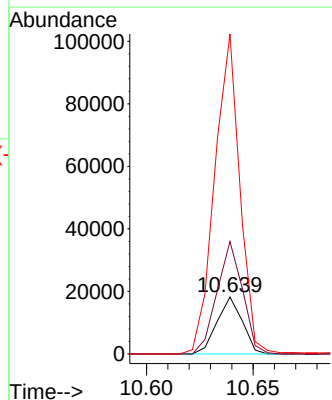
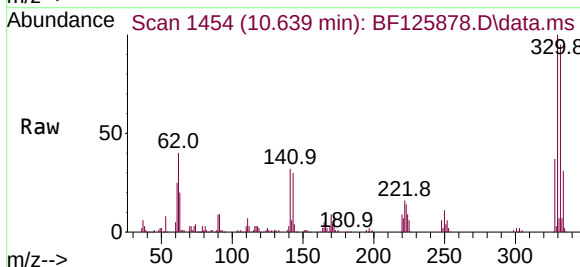
Instrument :
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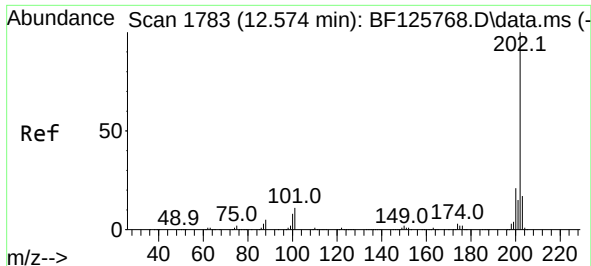
Tgt Ion:188 Resp: 499372
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 8.9 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.714 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF125878.D
Acq: 18 Oct 2021 15:40

Tgt Ion:248 Resp: 15011
Ion Ratio Lower Upper
248 100
250 197.5 74.2 111.4#
141 561.6 60.4 90.6#

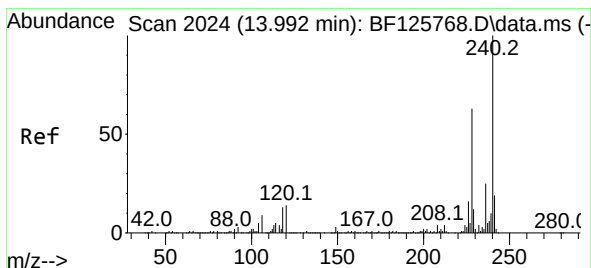
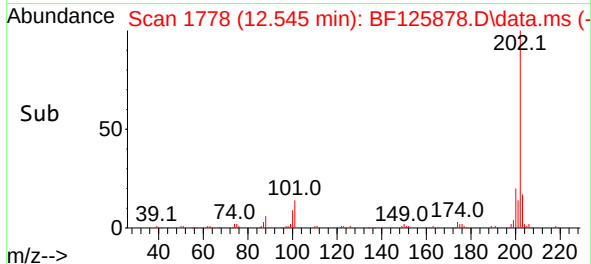
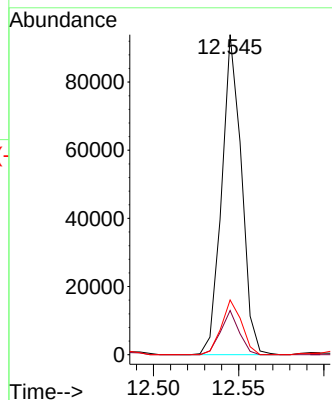
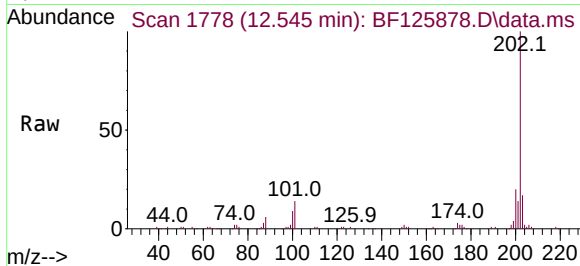




#75
Fluoranthene
Concen: 3.137 ng
RT: 12.545 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BF125878.D
Acq: 18 Oct 2021 15:40

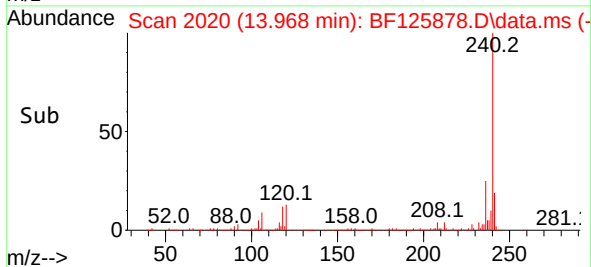
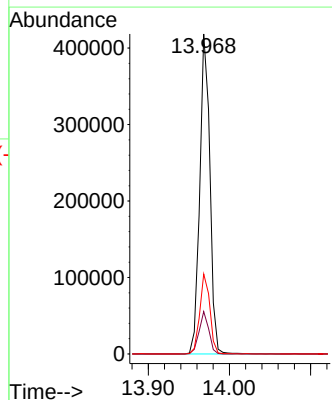
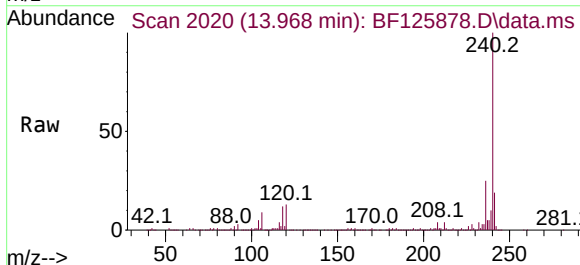
Instrument :
BNA_F
ClientSampleId :
TEST-DB-(1)

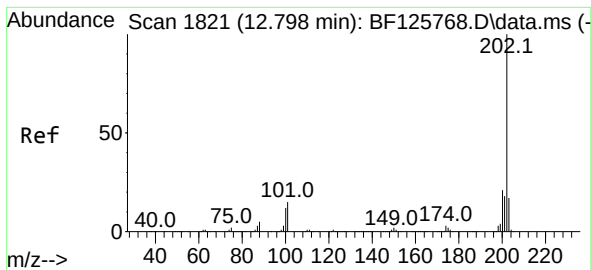
Tgt Ion:	202	Resp:	75630
Ion Ratio	Lower	Upper	
202	100		
101	13.8	0.0	30.7
203	17.1	0.0	36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125878.D
Acq: 18 Oct 2021 15:40

Tgt Ion:	240	Resp:	363577
Ion Ratio	Lower	Upper	
240	100		
120	13.3	10.8	16.2
236	25.0	21.6	32.4





#78

Pyrene

Concen: 2.235 ng

RT: 12.774 min Scan# 1817

Delta R.T. -0.006 min

Lab File: BF125878.D

Acq: 18 Oct 2021 15:40

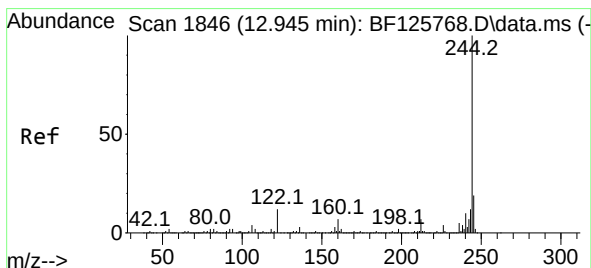
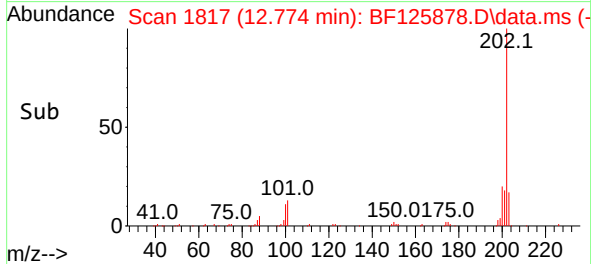
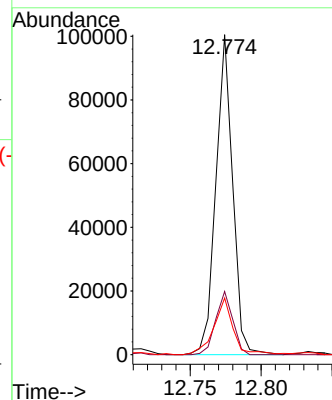
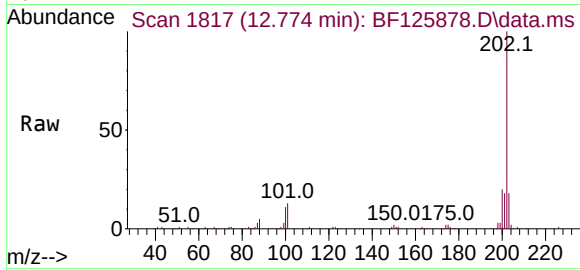
Tgt Ion:	202	Resp:	82566
Ion Ratio	Lower	Upper	
202	100		
200	19.7	15.3	22.9
203	17.7	13.4	20.0

Instrument :

BNA_F

ClientSampleId :

TEST-DB-(1)



#79

Terphenyl-d14

Concen: 37.631 ng

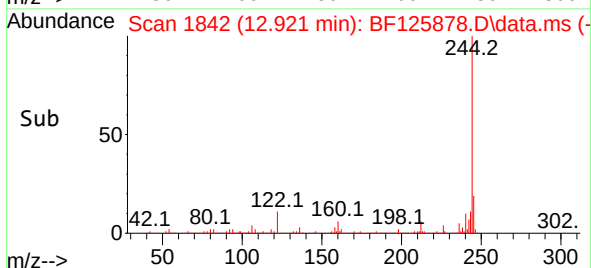
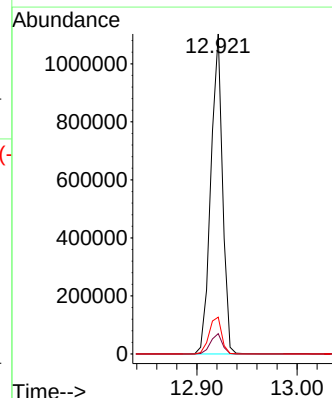
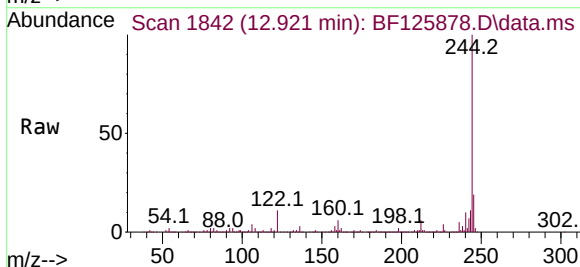
RT: 12.921 min Scan# 1842

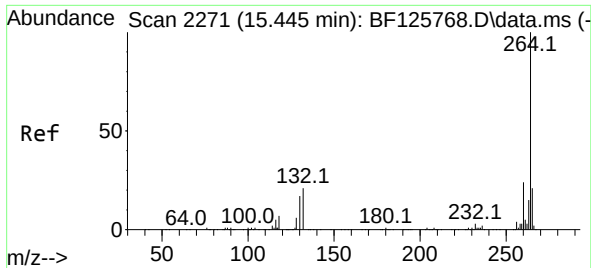
Delta R.T. -0.000 min

Lab File: BF125878.D

Acq: 18 Oct 2021 15:40

Tgt Ion:	244	Resp:	898186
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.9	8.9
122	11.5	9.0	13.4

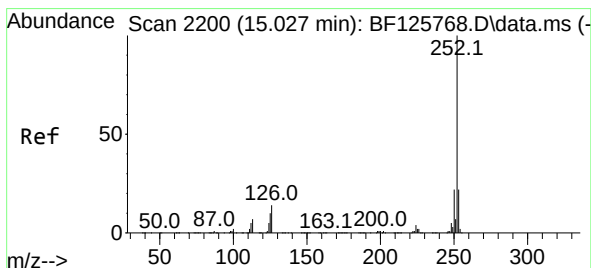
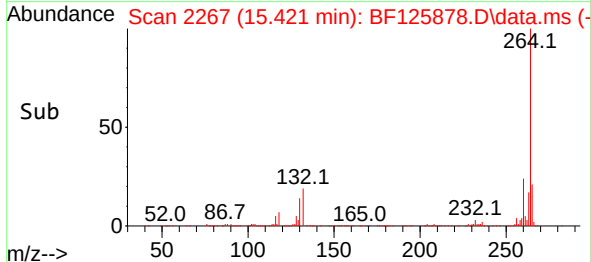
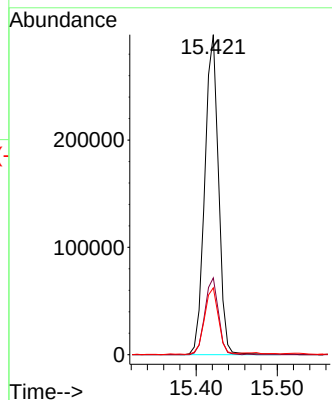
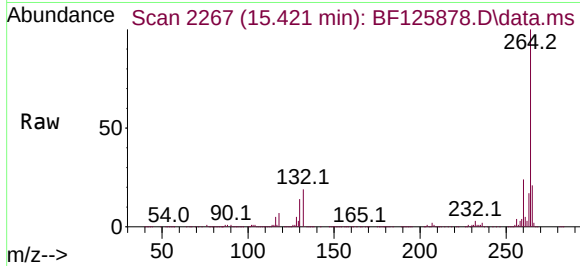




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BF125878.D
Acq: 18 Oct 2021 15:40

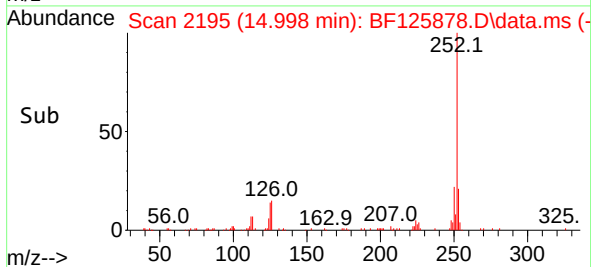
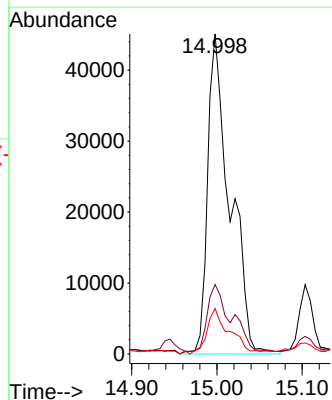
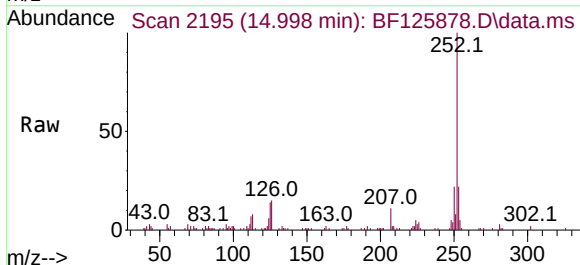
Instrument :
BNA_F
ClientSampleId :
TEST-DB-(1)

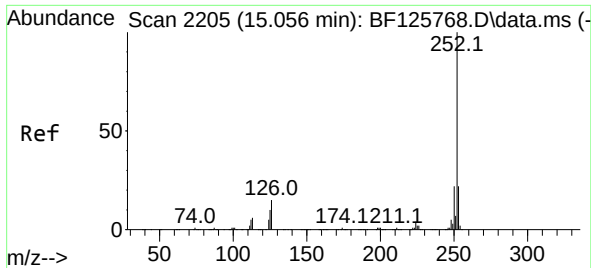
Tgt Ion:264	Resp:	350329
Ion Ratio	Lower	Upper
264	100	
260	24.0	19.6 29.4
265	20.9	17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 4.151 ng
RT: 14.998 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF125878.D
Acq: 18 Oct 2021 15:40

Tgt Ion:252	Resp:	82097
Ion Ratio	Lower	Upper
252	100	
253	21.7	16.8 25.2
125	14.2	9.8 14.8

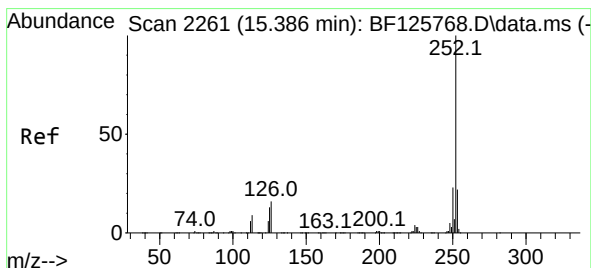
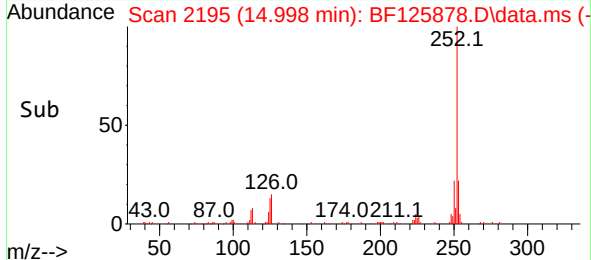
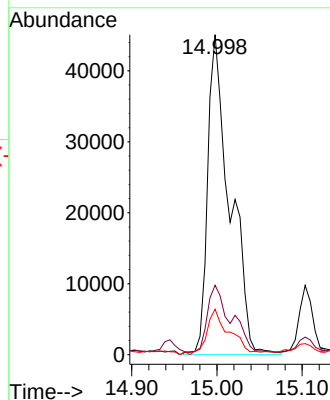
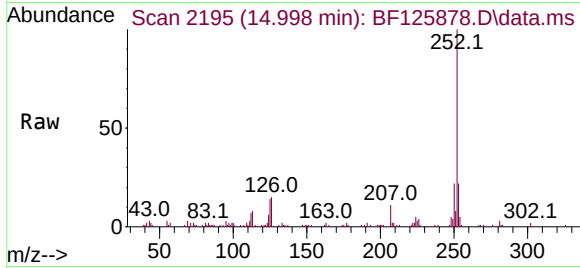




#89
Benzo(k)fluoranthene
Concen: 4.043 ng
RT: 14.998 min Scan# 2195
Delta R.T. -0.029 min
Lab File: BF125878.D
Acq: 18 Oct 2021 15:40

Instrument :
BNA_F
ClientSampleId :
TEST-DB-(1)

Tgt Ion:252 Resp: 82097
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 14.2 7.2 10.8#



#90
Benzo(a)pyrene
Concen: 2.459 ng
RT: 15.357 min Scan# 2256
Delta R.T. -0.006 min
Lab File: BF125878.D
Acq: 18 Oct 2021 15:40

Tgt Ion:252 Resp: 43072
Ion Ratio Lower Upper
252 100
253 22.9 18.4 27.6
125 13.1 9.9 14.9

