

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081021\
 Data File : BF125049.D
 Acq On : 11 Aug 2021 1:30
 Operator : JU/CG
 Sample : M3295-01RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-022-ABCD

Quant Time: Aug 11 04:17:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 10 11:32:36 2021
 Response via : Initial Calibration

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

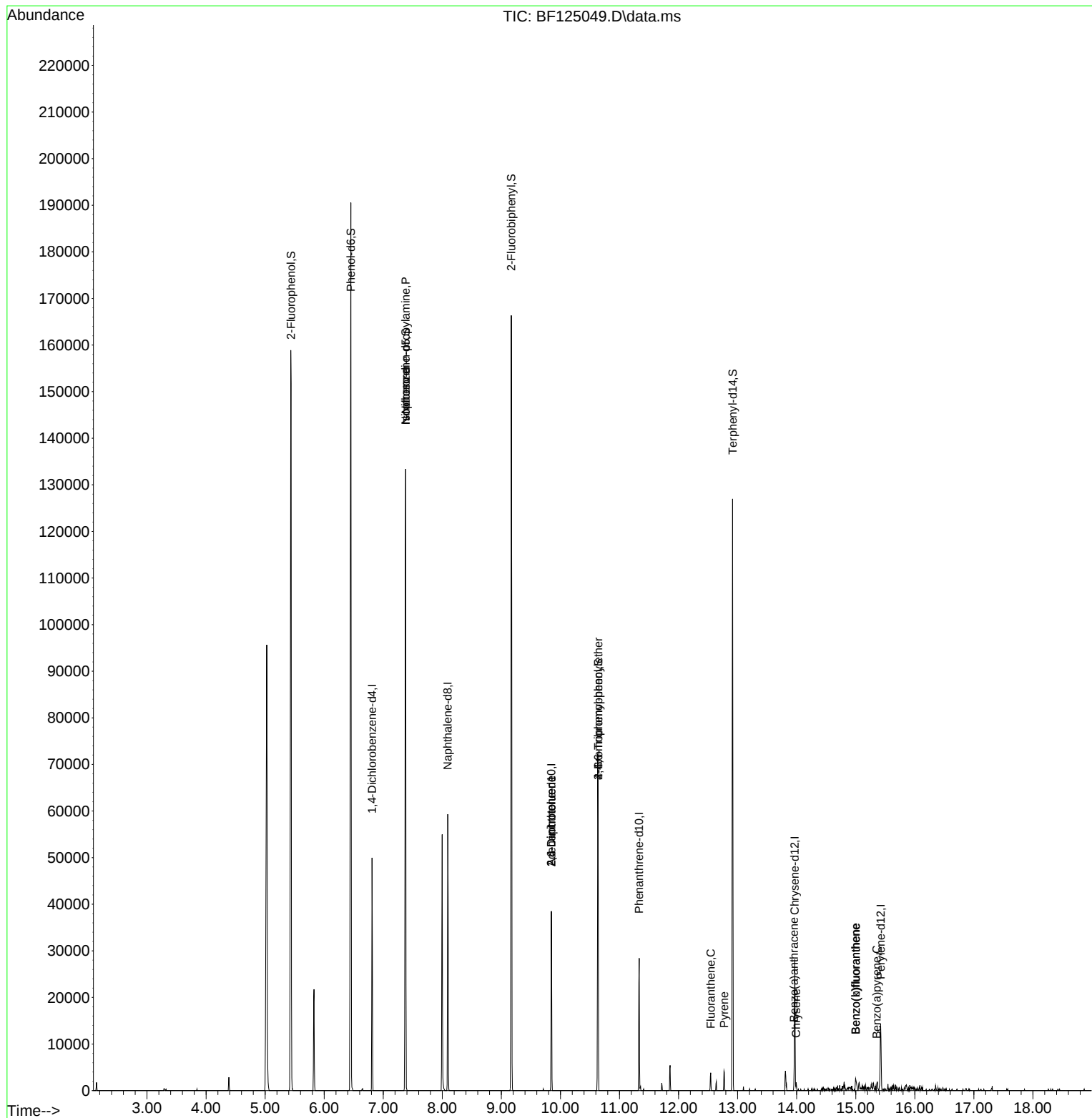
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	6800	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	24393	20.000	ng	# 0.00
39) Acenaphthene-d10	9.845	164	7220	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	11019	20.000	ng	0.00
76) Chrysene-d12	13.968	240	9223	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	7612	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	45598	109.845	ng	0.00
7) Phenol-d6	6.451	99	60691	115.949	ng	0.00
23) Nitrobenzene-d5	7.381	82	40188	86.186	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	7616	118.071	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	44443	90.070	ng	0.00
79) Terphenyl-d14	12.915	244	37973	69.450	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	5054	16.273	ng	# 63
25) Isophorone	7.381	82	40187	50.496	ng	# 59
51) 2,6-Dinitrotoluene	9.845	165	840	7.710	ng	# 26
57) 2,4-Dinitrotoluene	9.845	165	840	5.679	ng	# 18
67) 4-Bromophenyl-phenylether	10.639	248	452	3.745	ng	# 1
75) Fluoranthene	12.545	202	2280	3.687	ng	97
78) Pyrene	12.774	202	2356	3.243	ng	96
81) Benzo(a)anthracene	13.957	228	1764	2.935	ng	# 93
83) Chrysene	13.992	228	1274	2.193	ng	# 76
88) Benzo(b)fluoranthene	14.998	252	2269	4.245	ng	# 66
89) Benzo(k)fluoranthene	14.998	252	2269	4.667	ng	# 70
90) Benzo(a)pyrene	15.356	252	1385	3.043	ng	# 86

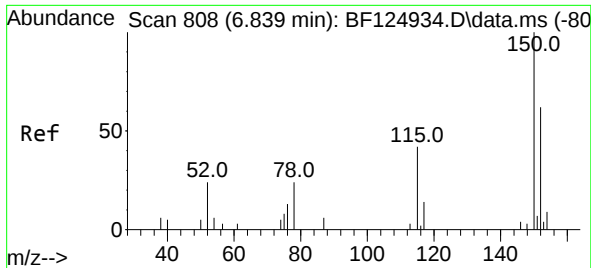
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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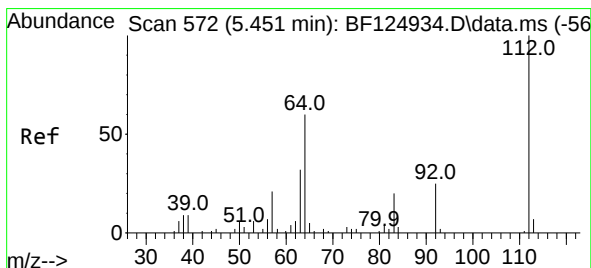
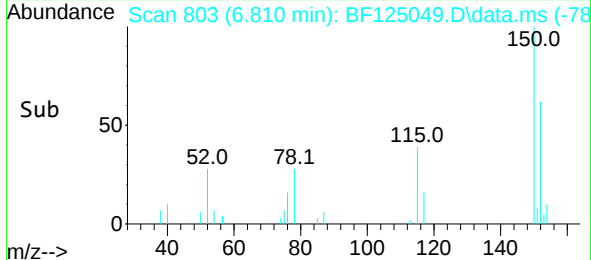
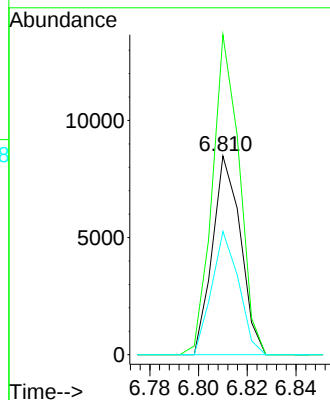
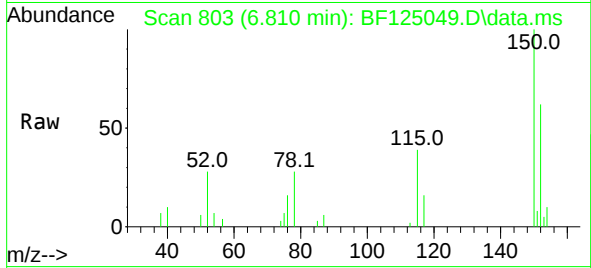




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF125049.D
Acq: 11 Aug 2021 1:30

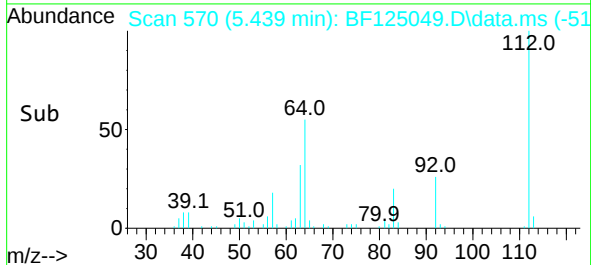
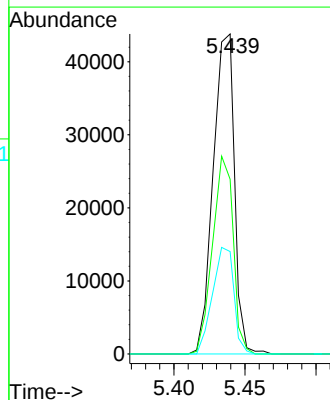
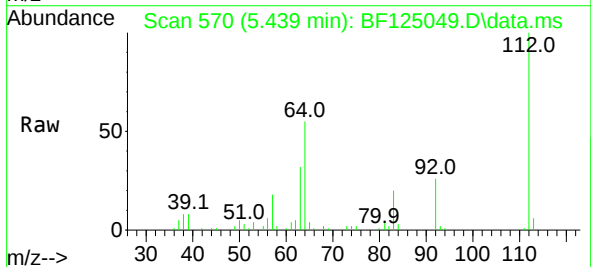
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-022-ABCD

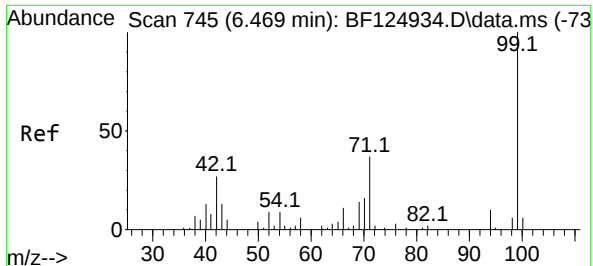
Tgt Ion:152 Resp: 6800
Ion Ratio Lower Upper
152 100
150 161.1 117.6 176.4
115 62.0 47.1 70.7



#5
2-Fluorophenol
Concen: 109.845 ng
RT: 5.439 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF125049.D
Acq: 11 Aug 2021 1:30

Tgt Ion:112 Resp: 45598
Ion Ratio Lower Upper
112 100
64 54.6 44.2 66.2
63 32.0 26.2 39.2

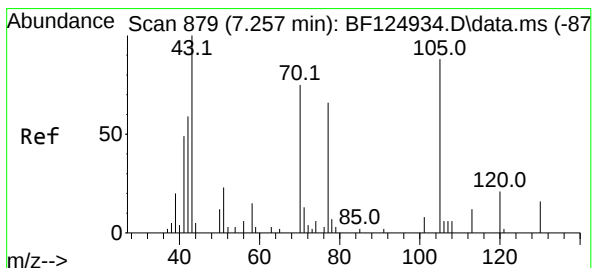
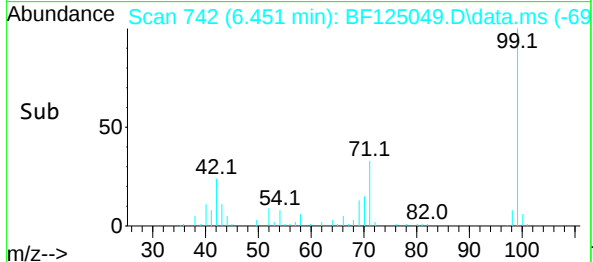
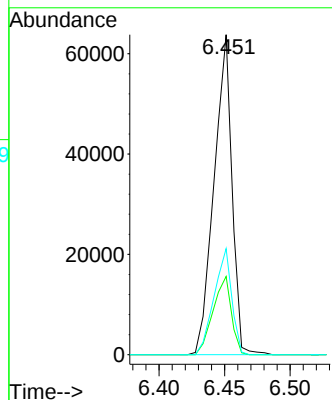
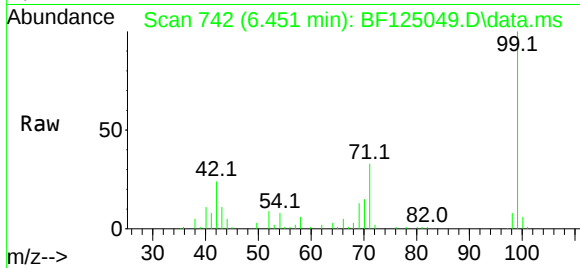




#7
Phenol-d6
Concen: 115.949 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF125049.D
Acq: 11 Aug 2021 1:30

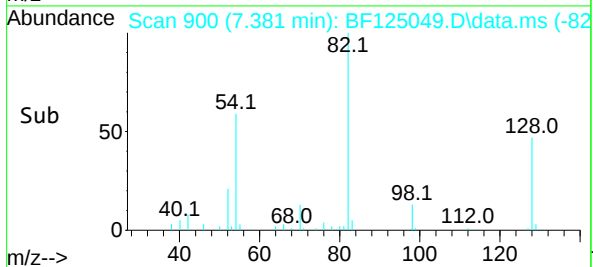
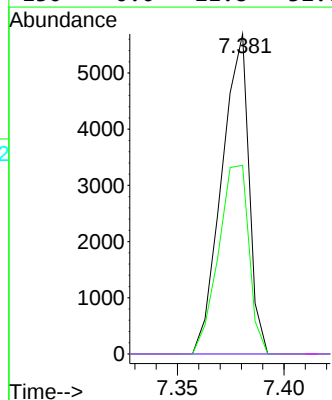
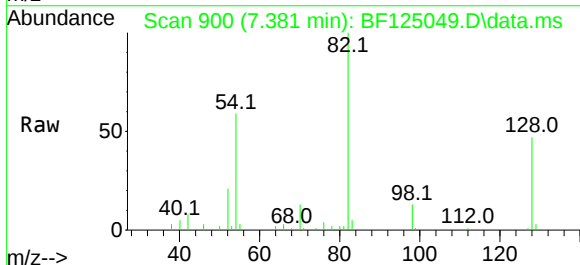
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ClientSampleId :
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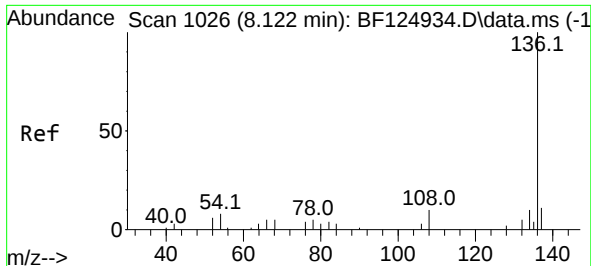
Tgt Ion:	99	Resp:	60691
Ion	Ratio	Lower	Upper
99	100		
42	24.5	23.5	35.3
71	33.2	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.273 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.153 min
Lab File: BF125049.D
Acq: 11 Aug 2021 1:30

Tgt Ion:	70	Resp:	5054
Ion	Ratio	Lower	Upper
70	100		
42	59.0	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

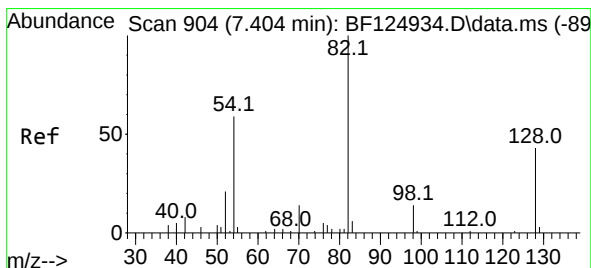
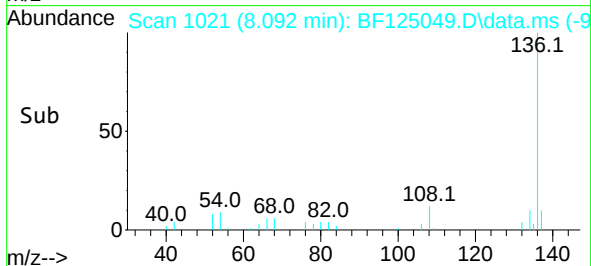
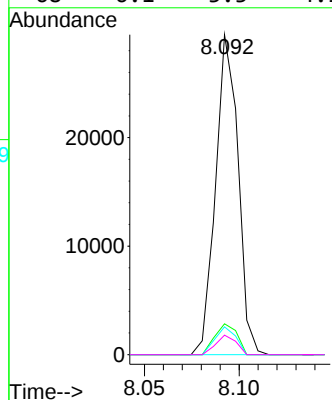
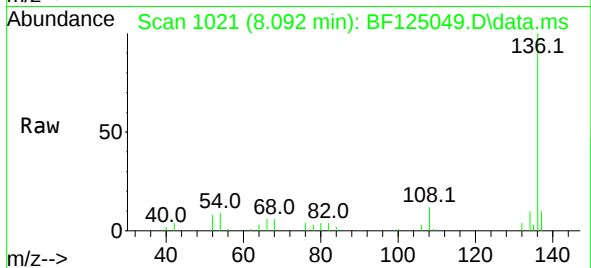




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF125049.D
Acq: 11 Aug 2021 1:30

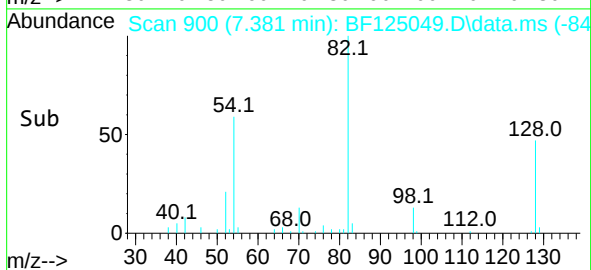
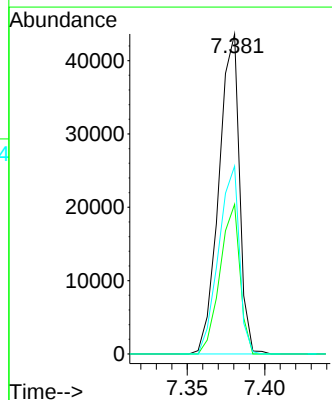
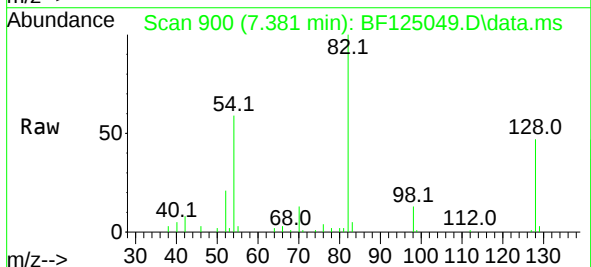
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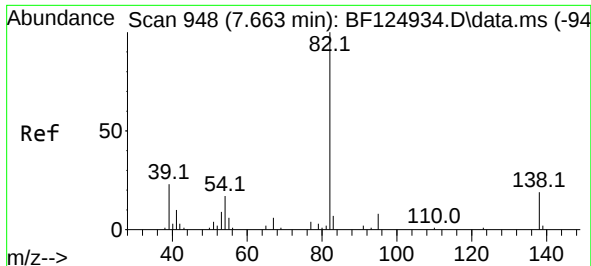
Tgt Ion:136	Resp:	24393
Ion Ratio	Lower	Upper
136	100	
137	9.7	9.8 14.6#
54	8.7	6.4 9.6
68	6.1	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 86.186 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF125049.D
Acq: 11 Aug 2021 1:30

Tgt Ion: 82	Resp:	40188
Ion Ratio	Lower	Upper
82	100	
128	46.8	40.6 60.8
54	58.7	49.6 74.4

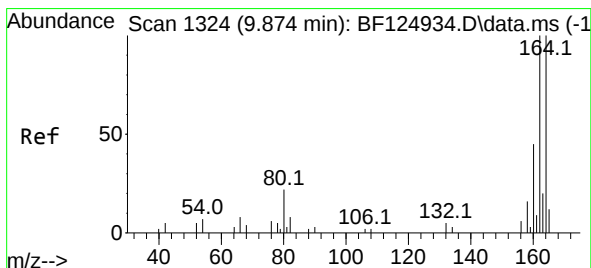
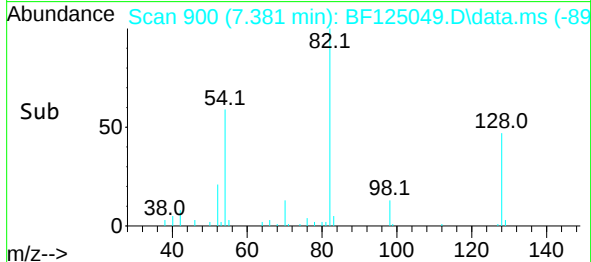
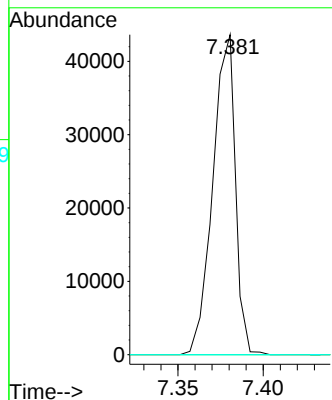
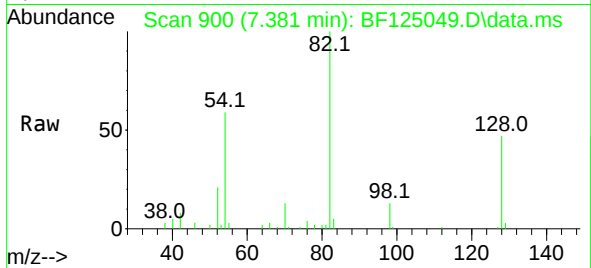




#25
Isophorone
Concen: 50.496 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.259 min
Lab File: BF125049.D
Acq: 11 Aug 2021 1:30

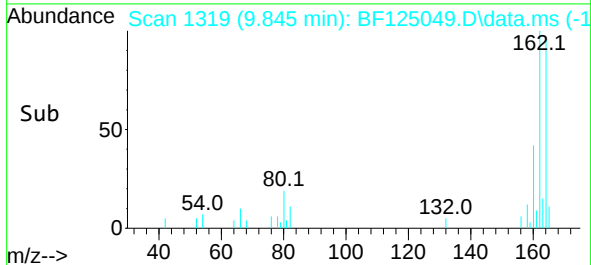
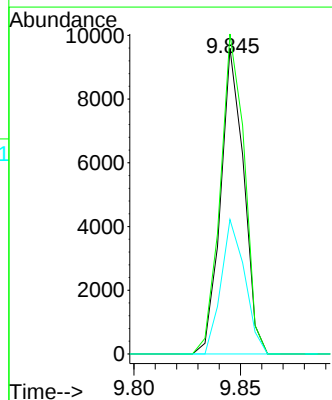
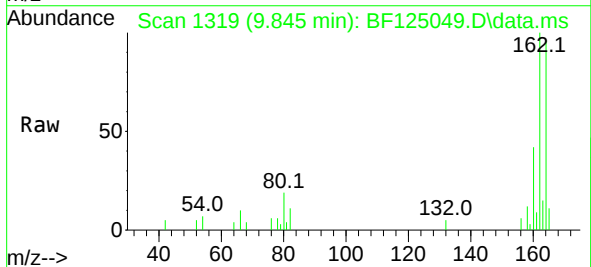
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ClientSampleId :
FK-EF-01-022-ABCD

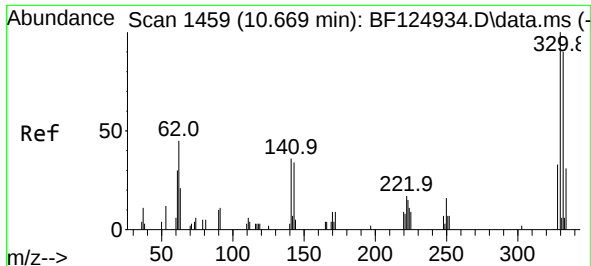
Tgt Ion: 82 Resp: 40187
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF125049.D
Acq: 11 Aug 2021 1:30

Tgt Ion:164 Resp: 7220
Ion Ratio Lower Upper
164 100
162 104.6 81.3 121.9
160 43.9 38.0 57.0

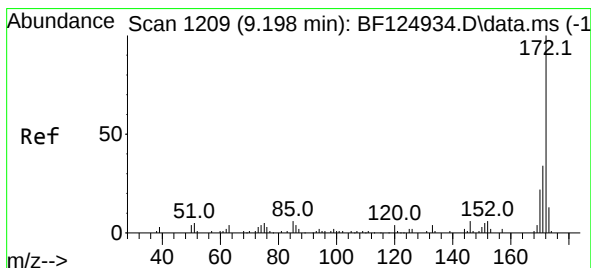
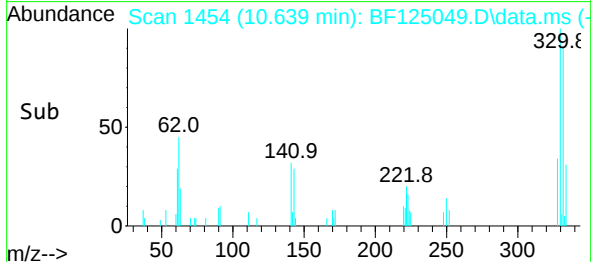
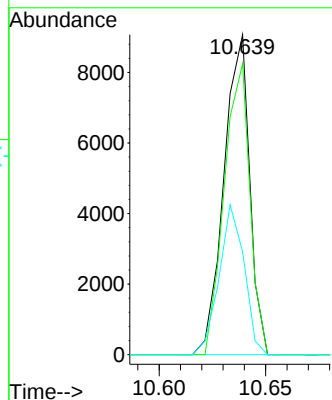
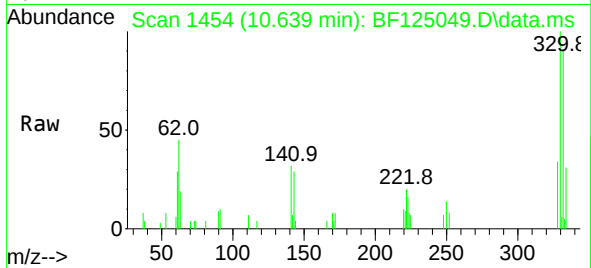




#42
2,4,6-Tribromophenol
Concen: 118.071 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BF125049.D
Acq: 11 Aug 2021 1:30

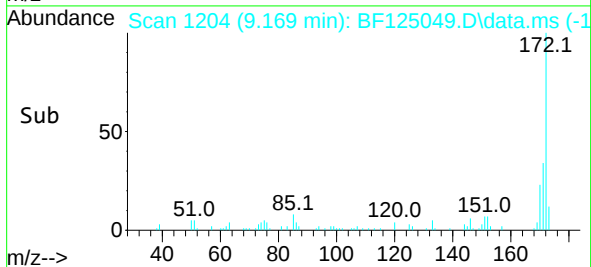
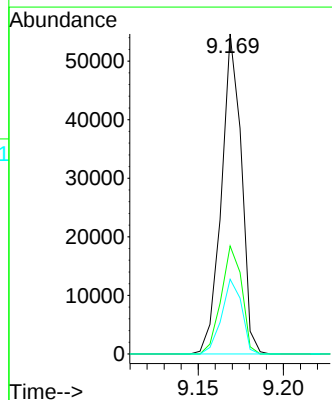
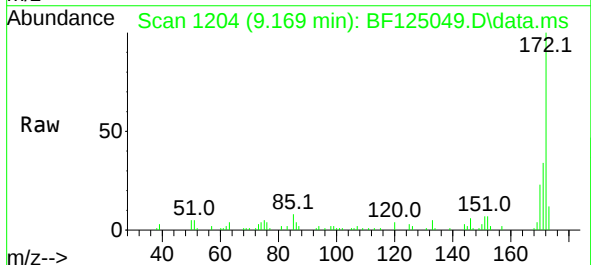
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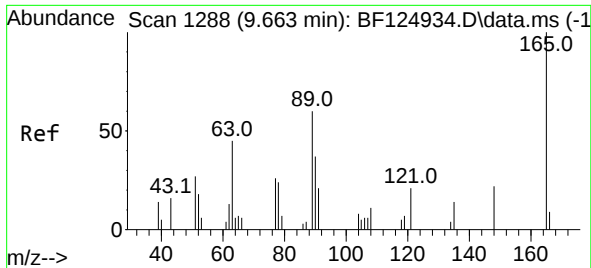
Tgt Ion: 330 Resp: 7616
Ion Ratio Lower Upper
330 100
332 90.5 76.2 114.4
141 45.6 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 90.070 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF125049.D
Acq: 11 Aug 2021 1:30

Tgt Ion: 172 Resp: 44443
Ion Ratio Lower Upper
172 100
171 33.7 26.5 39.7
170 23.3 18.8 28.2

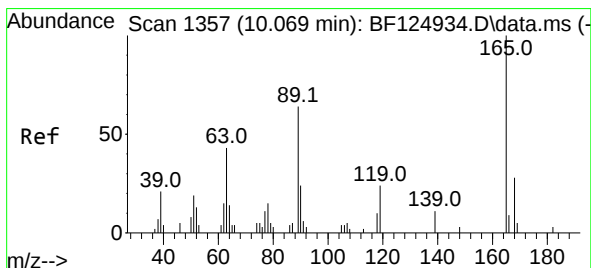
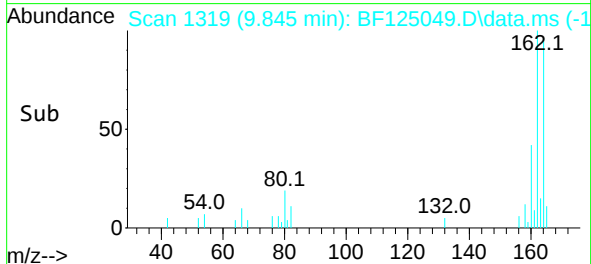
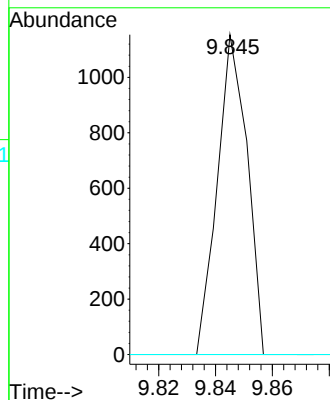
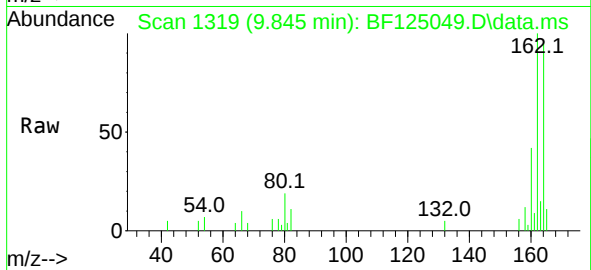




#51
2,6-Dinitrotoluene
Concen: 7.710 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.206 min
Lab File: BF125049.D
Acq: 11 Aug 2021 1:30

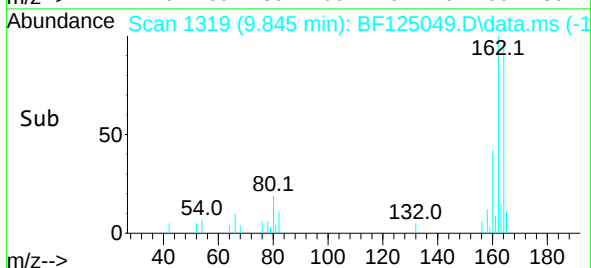
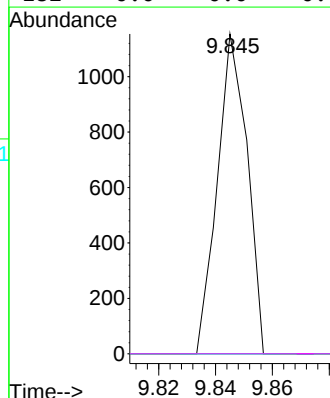
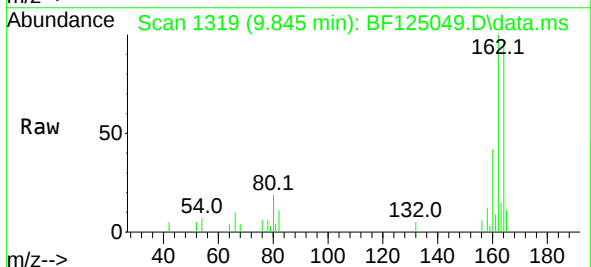
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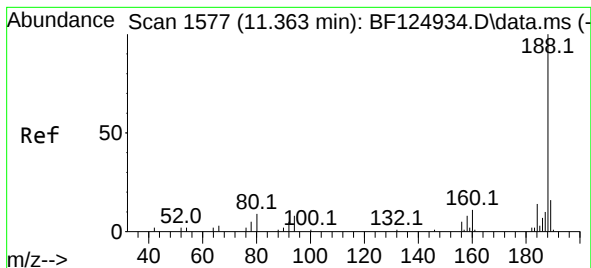
Tgt Ion:165 Resp: 840
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.679 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.200 min
Lab File: BF125049.D
Acq: 11 Aug 2021 1:30

Tgt Ion:165 Resp: 840
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

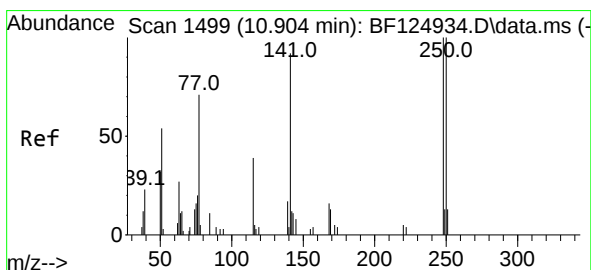
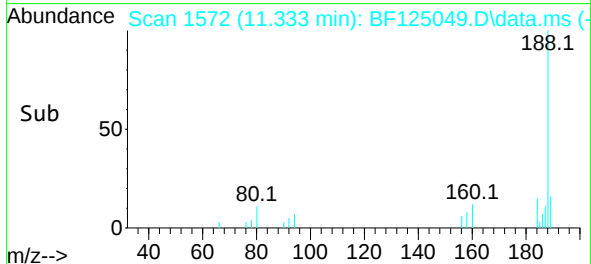
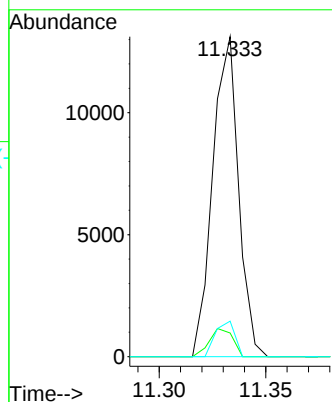
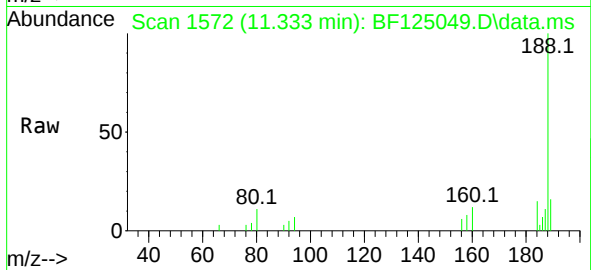




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BF125049.D
Acq: 11 Aug 2021 1:30

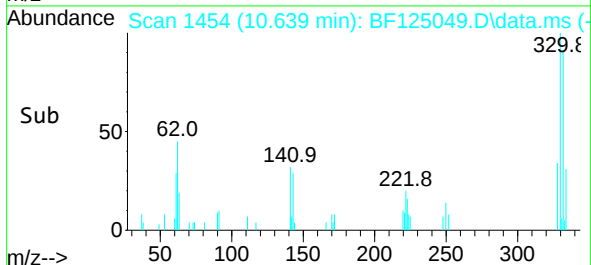
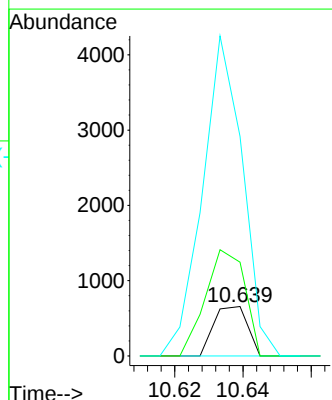
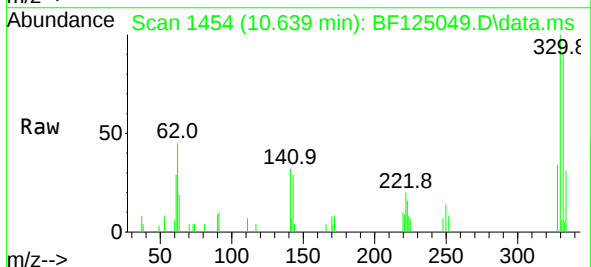
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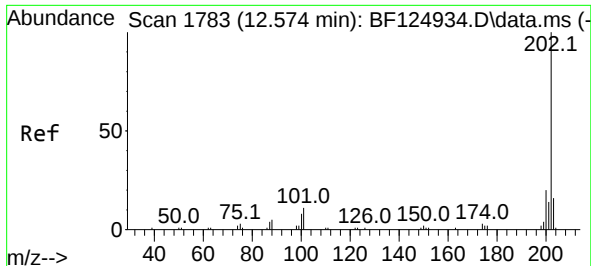
Tgt Ion:188 Resp: 11019
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 11.1 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.745 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.241 min
Lab File: BF125049.D
Acq: 11 Aug 2021 1:30

Tgt Ion:248 Resp: 452
Ion Ratio Lower Upper
248 100
250 189.9 74.2 111.4#
141 444.7 60.4 90.6#

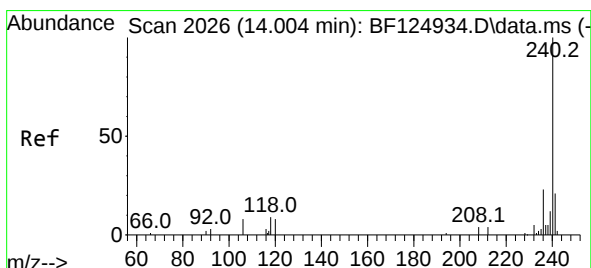
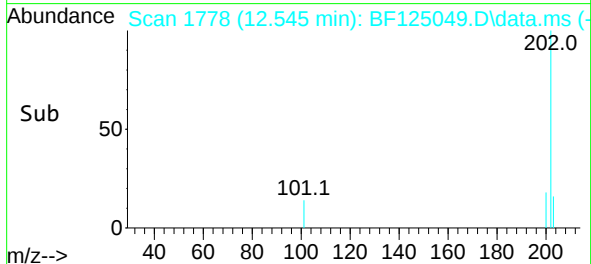
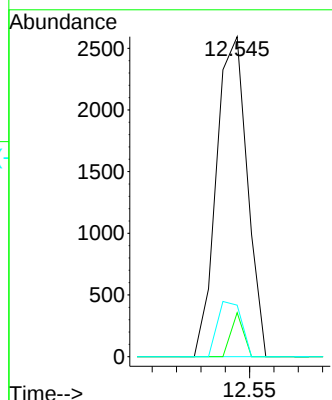
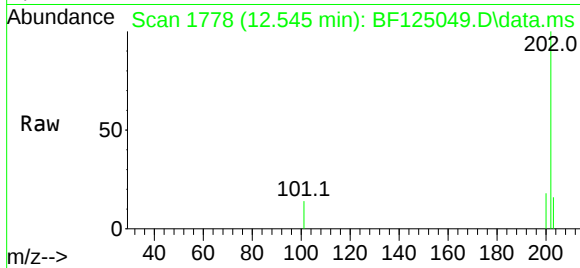




#75
Fluoranthene
Concen: 3.687 ng
RT: 12.545 min Scan# 1778
Delta R.T. -0.000 min
Lab File: BF125049.D
Acq: 11 Aug 2021 1:30

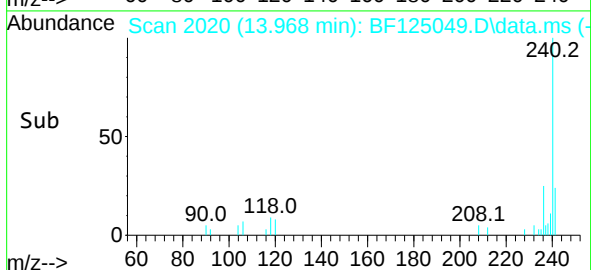
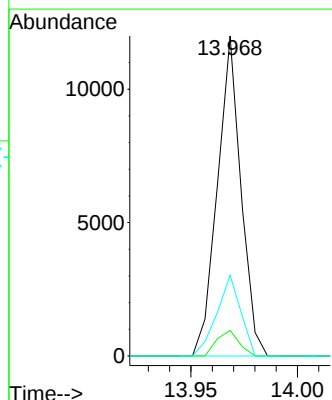
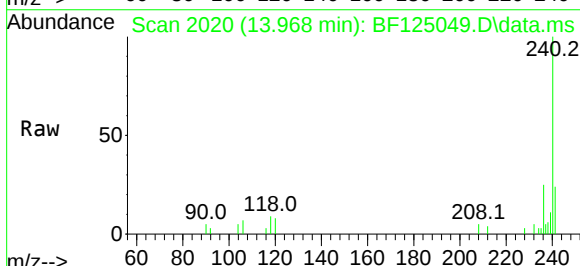
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-022-ABCD

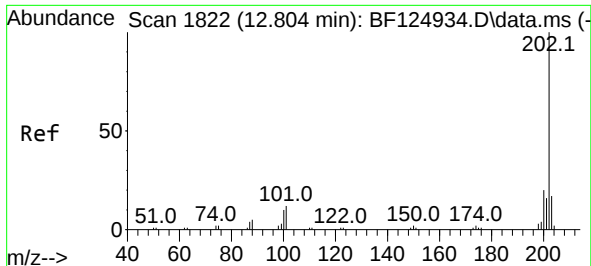
Tgt Ion:202 Resp: 2280
Ion Ratio Lower Upper
202 100
101 13.7 0.0 30.7
203 16.1 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125049.D
Acq: 11 Aug 2021 1:30

Tgt Ion:240 Resp: 9223
Ion Ratio Lower Upper
240 100
120 8.0 10.8 16.2#
236 25.2 21.6 32.4

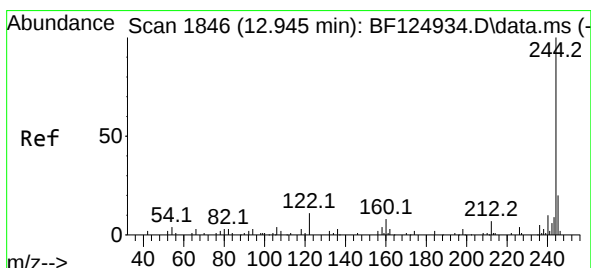
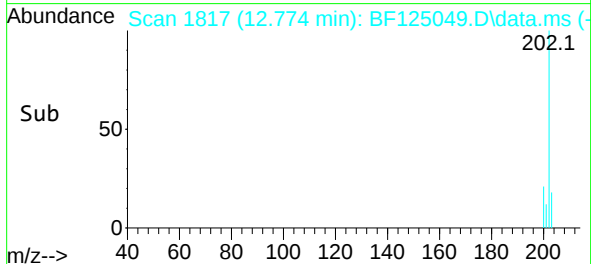
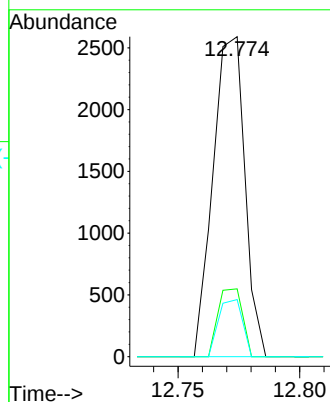
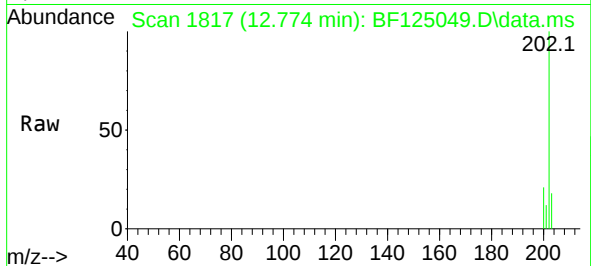




#78
Pyrene
Concen: 3.243 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BF125049.D
Acq: 11 Aug 2021 1:30

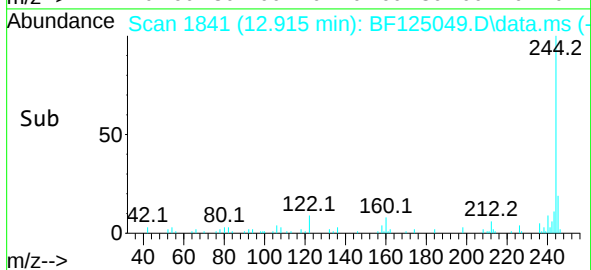
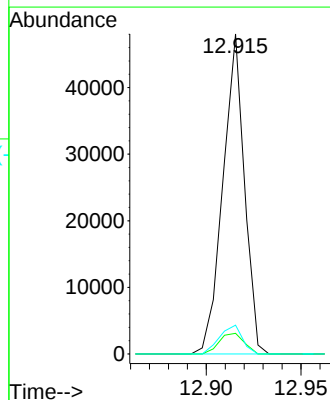
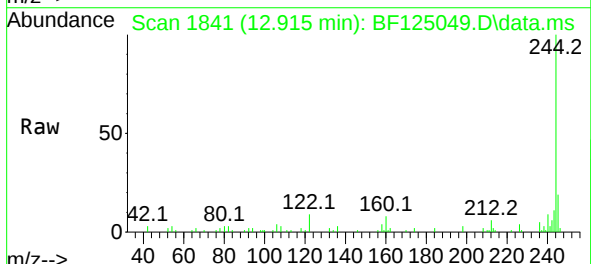
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-022-ABCD

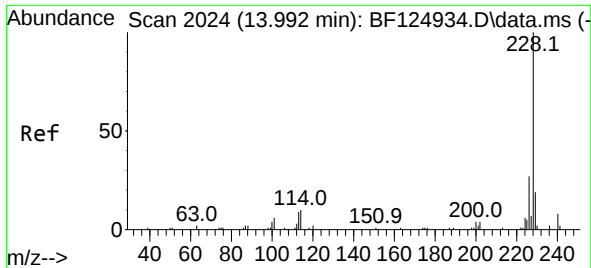
Tgt Ion:202	Resp:	2356
Ion Ratio	Lower	Upper
202	100	
200	21.2	15.3 22.9
203	17.8	13.4 20.0



#79
Terphenyl-d14
Concen: 69.450 ng
RT: 12.915 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BF125049.D
Acq: 11 Aug 2021 1:30

Tgt Ion:244	Resp:	37973
Ion Ratio	Lower	Upper
244	100	
212	6.4	5.9 8.9
122	9.0	9.0 13.4

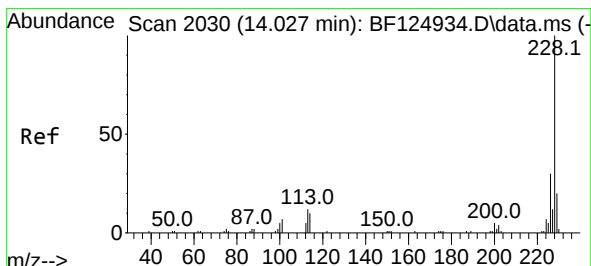
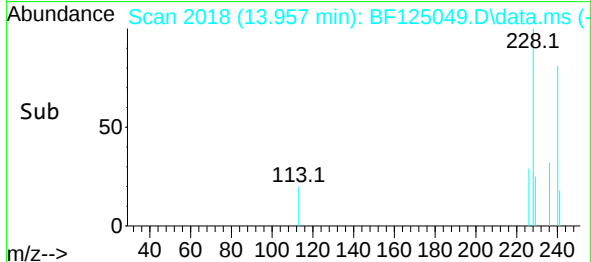
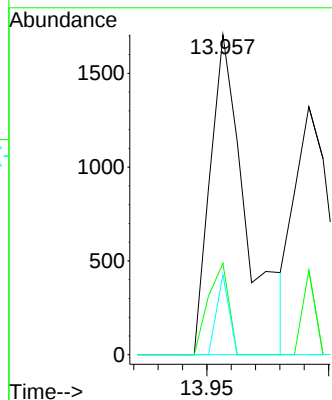
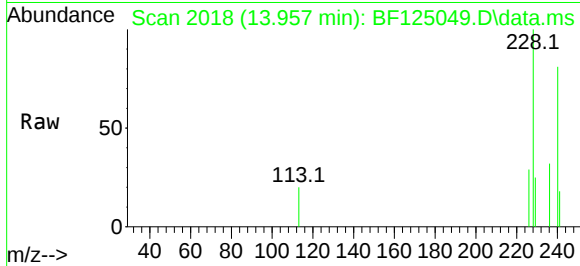




#81
Benzo(a)anthracene
Concen: 2.935 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF125049.D
Acq: 11 Aug 2021 1:30

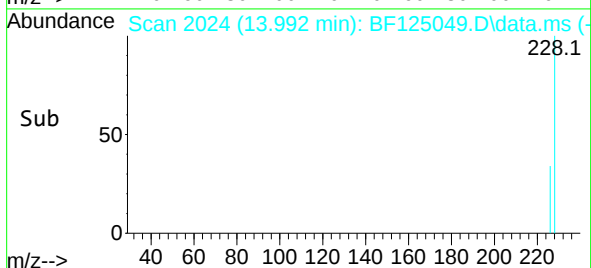
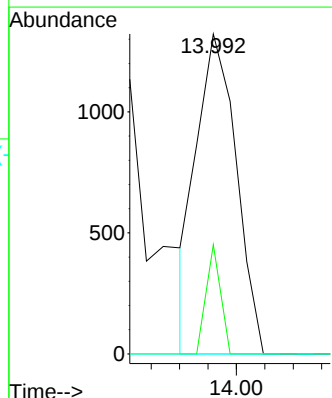
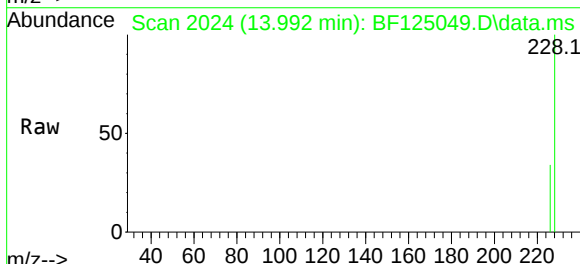
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-022-ABCD

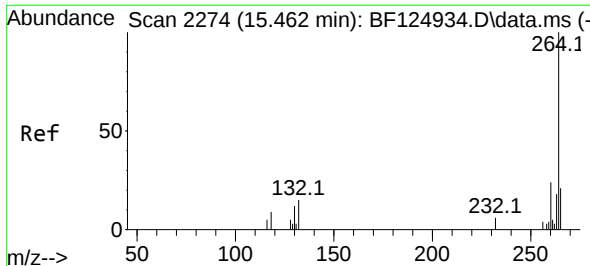
Tgt Ion:228 Resp: 1764
Ion Ratio Lower Upper
228 100
226 28.6 21.6 32.4
229 25.0 15.6 23.4#



#83
Chrysene
Concen: 2.193 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF125049.D
Acq: 11 Aug 2021 1:30

Tgt Ion:228 Resp: 1274
Ion Ratio Lower Upper
228 100
226 34.1 22.6 34.0#
229 0.0 15.9 23.9#

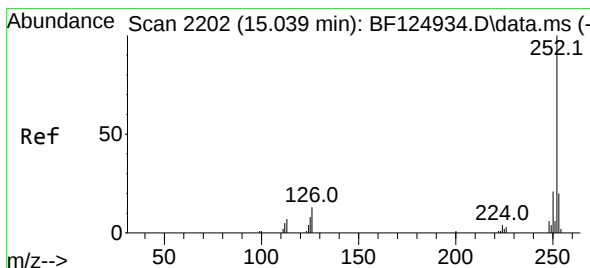
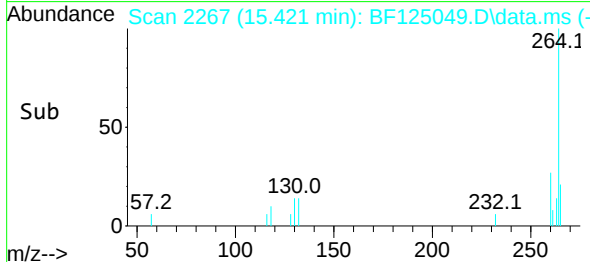
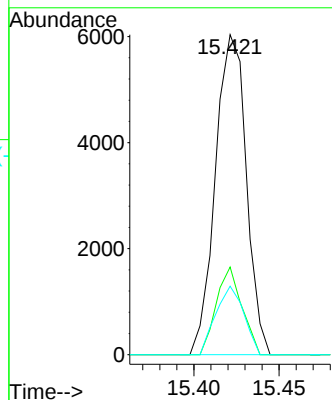
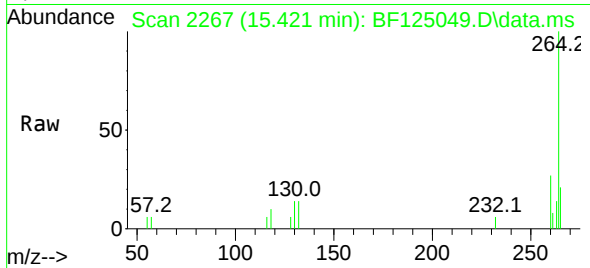




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. 0.006 min
 Lab File: BF125049.D
 Acq: 11 Aug 2021 1:30

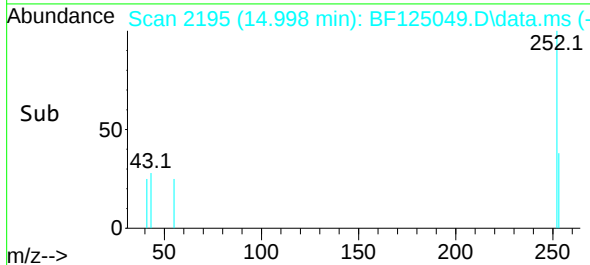
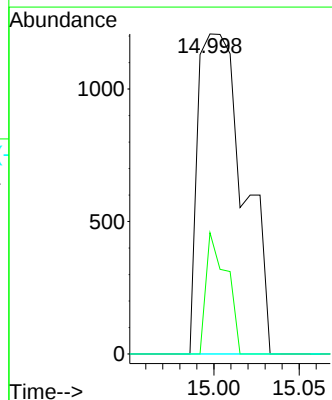
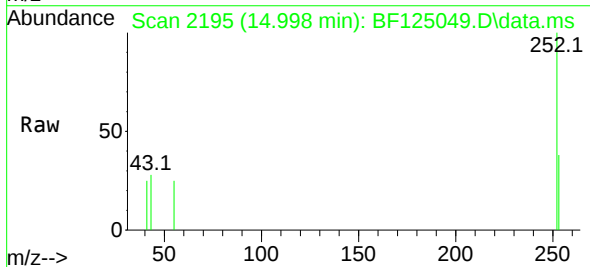
Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-022-ABCD

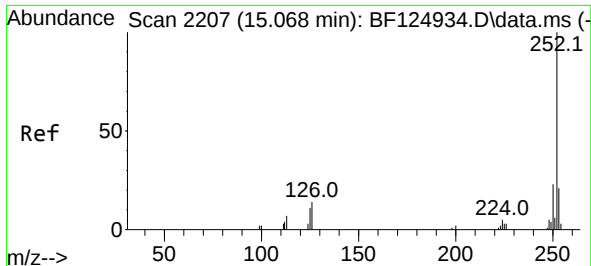
Tgt Ion:264	Resp:	7612
Ion Ratio	Lower	Upper
264	100	
260	27.4	19.6 29.4
265	21.4	17.2 25.8



#88
 Benzo(b)fluoranthene
 Concen: 4.245 ng
 RT: 14.998 min Scan# 2195
 Delta R.T. -0.000 min
 Lab File: BF125049.D
 Acq: 11 Aug 2021 1:30

Tgt Ion:252	Resp:	2269
Ion Ratio	Lower	Upper
252	100	
253	37.9	16.8 25.2#
125	0.0	9.8 14.8#





#89

Benzo(k)fluoranthene

Concen: 4.667 ng

RT: 14.998 min Scan# 2195

Delta R.T. -0.029 min

Lab File: BF125049.D

Acq: 11 Aug 2021 1:30

Tgt Ion:252 Resp: 2269

Ion Ratio Lower Upper

252 100

253 37.9 17.8 26.8#

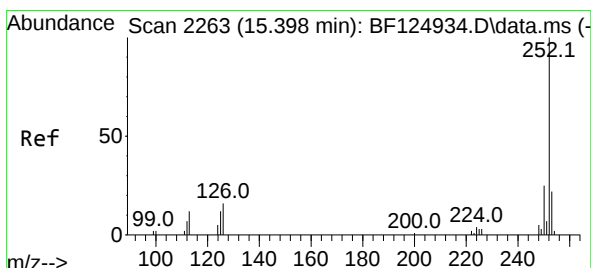
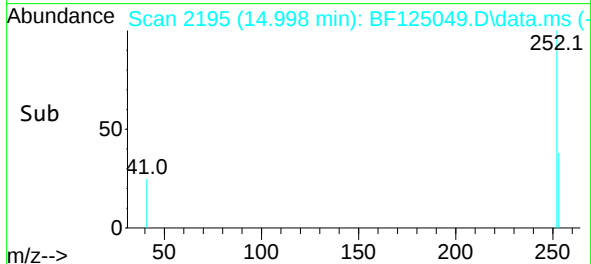
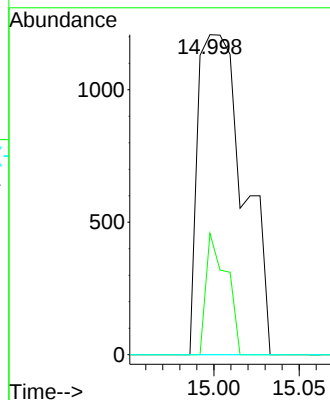
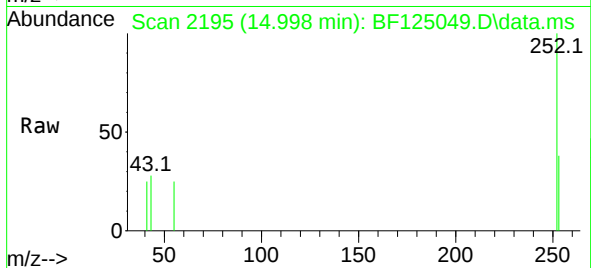
125 0.0 7.2 10.8#

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-022-ABCD



#90

Benzo(a)pyrene

Concen: 3.043 ng

RT: 15.356 min Scan# 2256

Delta R.T. -0.000 min

Lab File: BF125049.D

Acq: 11 Aug 2021 1:30

Tgt Ion:252 Resp: 1385

Ion Ratio Lower Upper

252 100

253 25.2 18.4 27.6

125 0.0 9.9 14.9#

