

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090921\
 Data File : BF125414.D
 Acq On : 9 Sep 2021 15:56
 Operator : JU/CG
 Sample : M3680-03 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-02-006-B

Quant Time: Sep 09 17:14:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 08 14:14:01 2021
 Response via : Initial Calibration

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

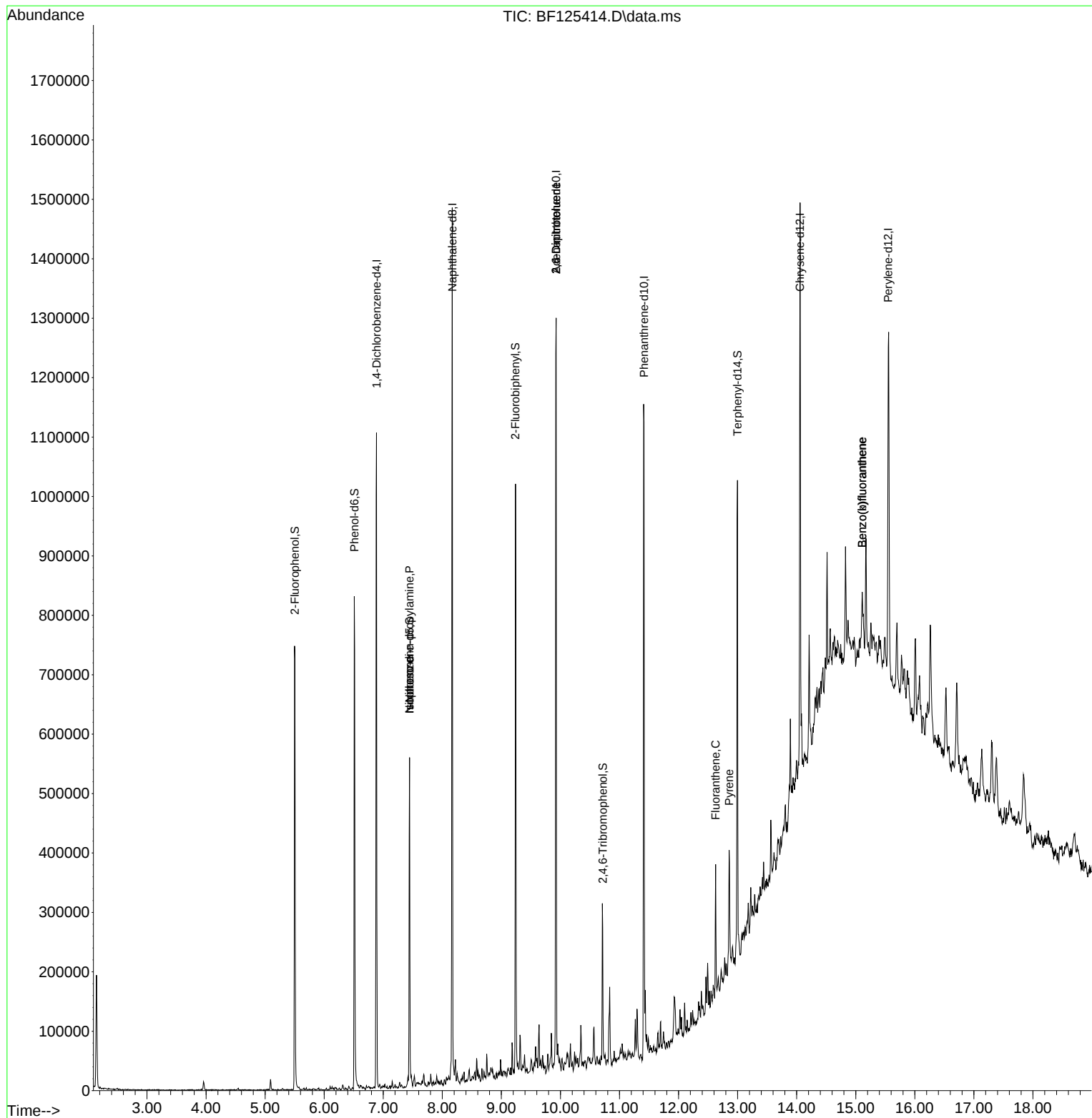
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	160344	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	583569	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	271455	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	431355	20.000	ng	0.00
76) Chrysene-d12	14.057	240	336110	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	250976	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	202513	19.117	ng	0.00
7) Phenol-d6	6.510	99	271592	19.823	ng	-0.02
23) Nitrobenzene-d5	7.445	82	162419	14.012	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	32055	11.830	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	307554	15.791	ng	-0.01
79) Terphenyl-d14	12.998	244	285185	13.517	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	23354	2.834	ng	# 53
25) Isophorone	7.445	82	162414	7.263	ng	# 59
51) 2,6-Dinitrotoluene	9.927	165	36513	8.951	ng	# 28
57) 2,4-Dinitrotoluene	9.927	165	36513	7.396	ng	# 20
75) Fluoranthene	12.627	202	80107	3.397	ng	98
78) Pyrene	12.857	202	78762	2.732	ng	98
88) Benzo(b)fluoranthene	15.109	252	46044	2.511	ng	# 73
89) Benzo(k)fluoranthene	15.109	252	46044	2.691	ng	# 73

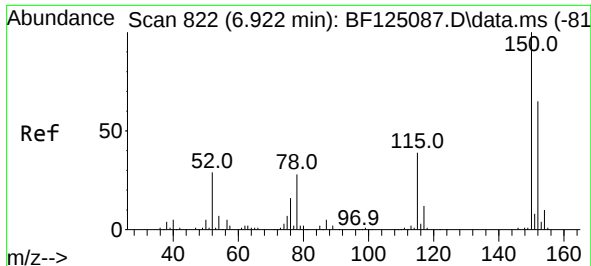
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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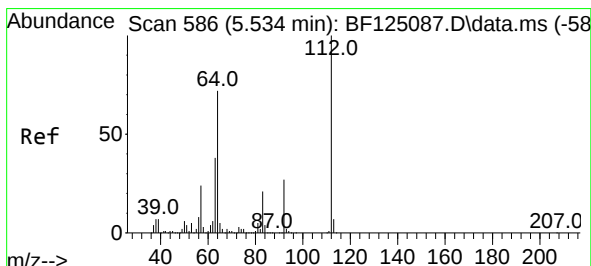
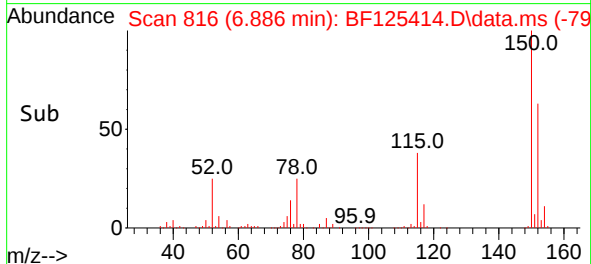
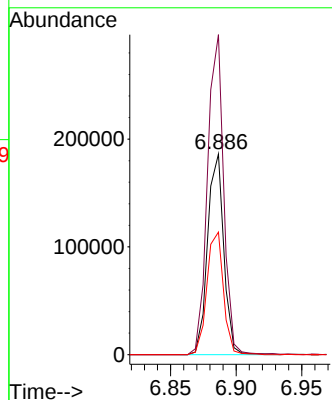
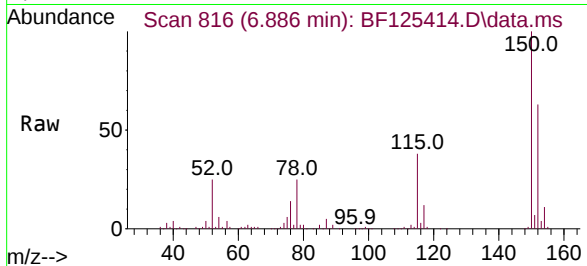




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF125414.D
Acq: 9 Sep 2021 15:56

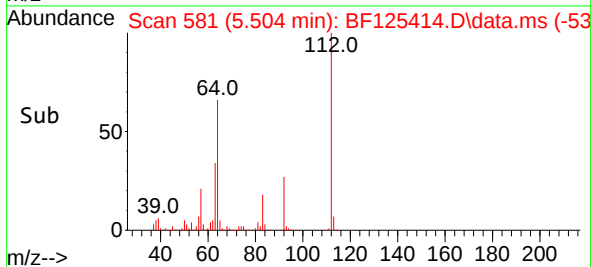
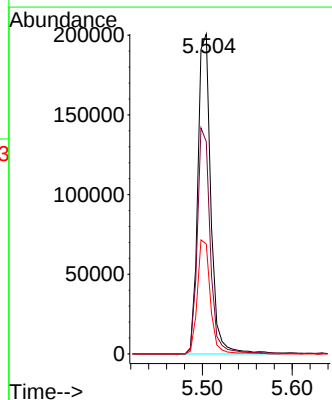
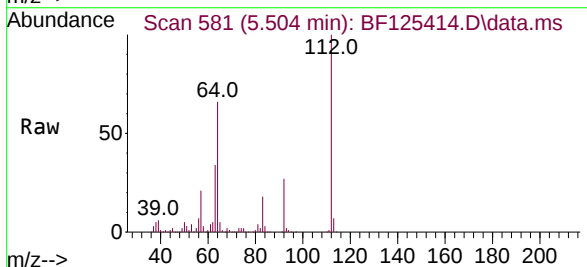
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BNA_F
ClientSampleId :
FK-SF-02-006-B

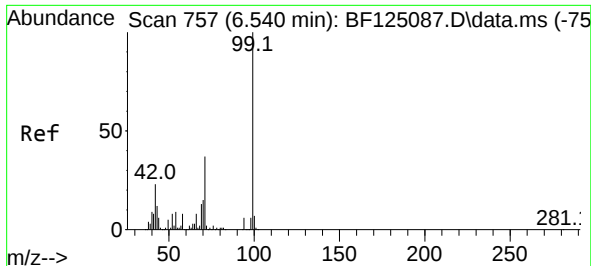
Tgt Ion:152 Resp: 160344
Ion Ratio Lower Upper
152 100
150 159.5 117.6 176.4
115 61.1 47.1 70.7



#5
2-Fluorophenol
Concen: 19.117 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF125414.D
Acq: 9 Sep 2021 15:56

Tgt Ion:112 Resp: 202513
Ion Ratio Lower Upper
112 100
64 66.4 44.2 66.2#
63 34.4 26.2 39.2

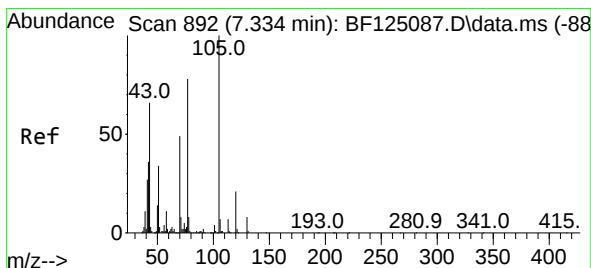
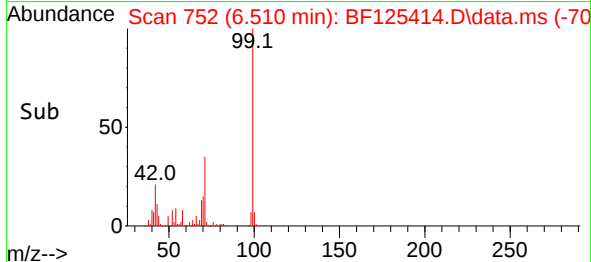
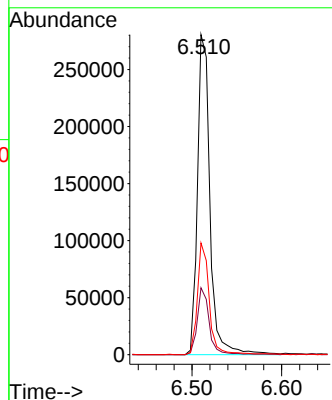
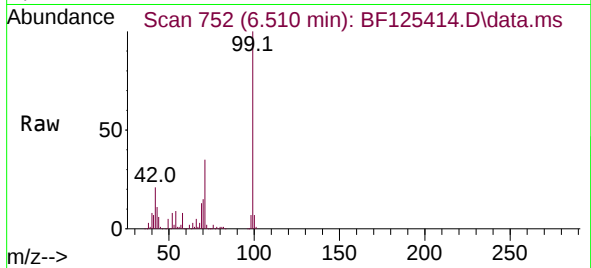




#7
Phenol-d6
Concen: 19.823 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.018 min
Lab File: BF125414.D
Acq: 9 Sep 2021 15:56

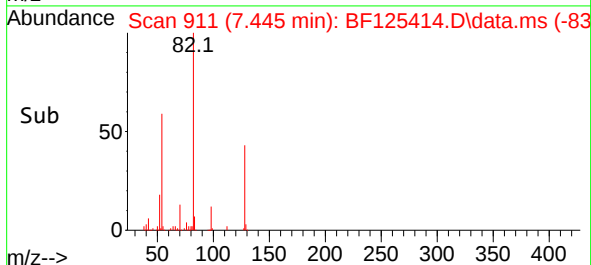
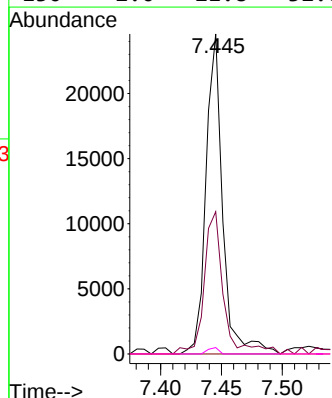
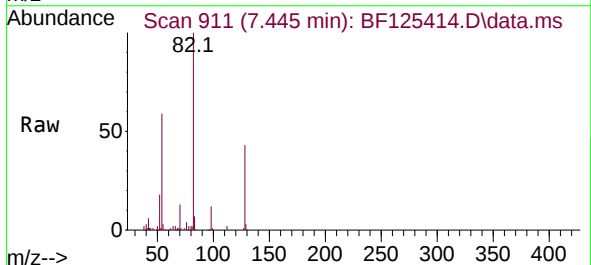
Instrument :
BNA_F
ClientSampleId :
FK-SF-02-006-B

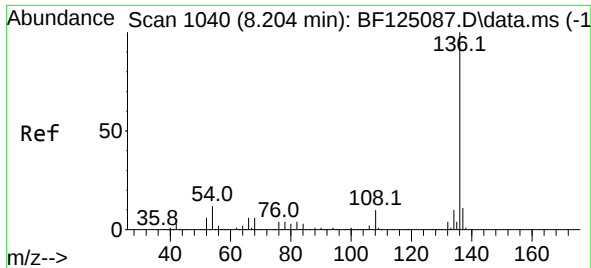
Tgt Ion: 99 Resp: 271592
Ion Ratio Lower Upper
99 100
42 20.9 23.5 35.3#
71 34.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 2.834 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125414.D
Acq: 9 Sep 2021 15:56

Tgt Ion: 70 Resp: 23354
Ion Ratio Lower Upper
70 100
42 44.4 72.2 108.2#
101 0.0 7.8 11.8#
130 2.0 21.8 32.6#

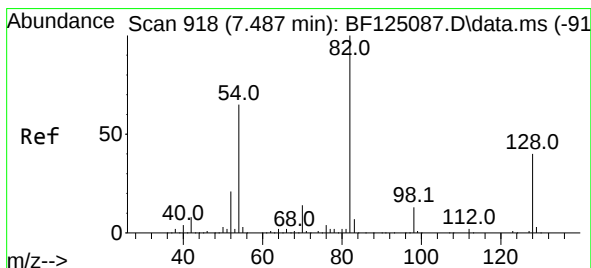
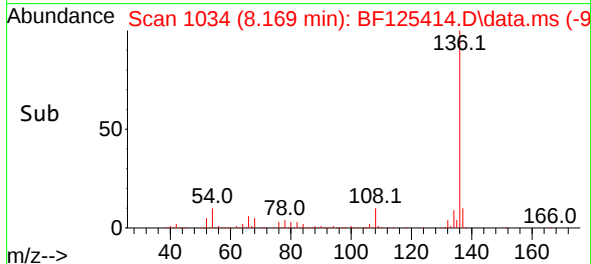
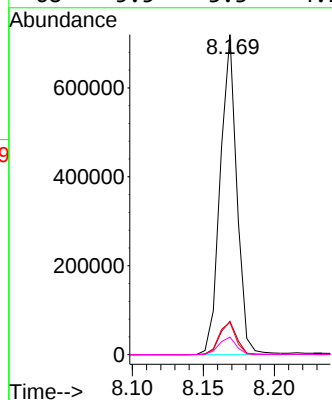
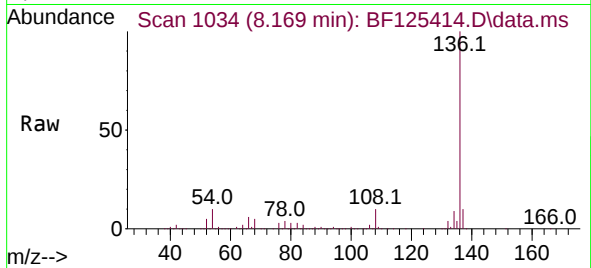




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125414.D
Acq: 9 Sep 2021 15:56

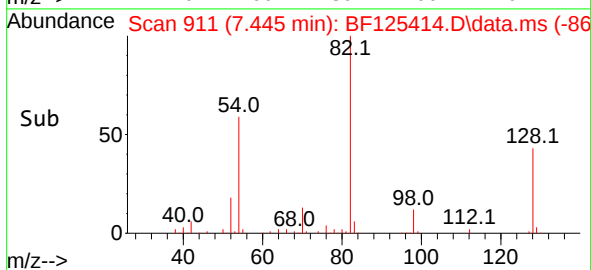
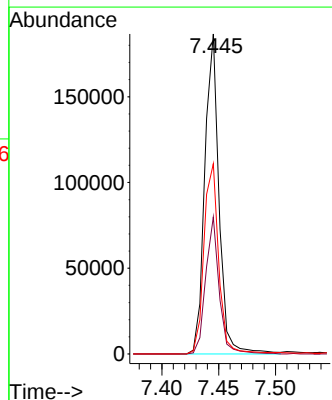
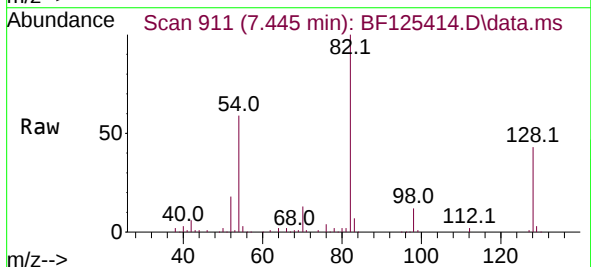
Instrument :
BNA_F
ClientSampleId :
FK-SF-02-006-B

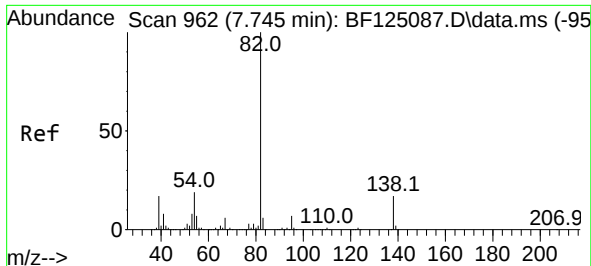
Tgt Ion:	136	Resp:	583569
Ion Ratio	Lower	Upper	
136	100		
137	10.4	9.8	14.6
54	10.1	6.4	9.6#
68	5.5	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 14.012 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF125414.D
Acq: 9 Sep 2021 15:56

Tgt Ion:	82	Resp:	162419
Ion Ratio	Lower	Upper	
82	100		
128	42.8	40.6	60.8
54	59.4	49.6	74.4

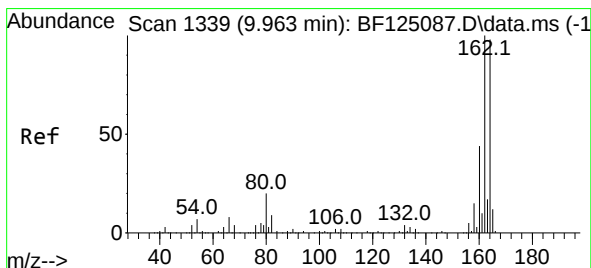
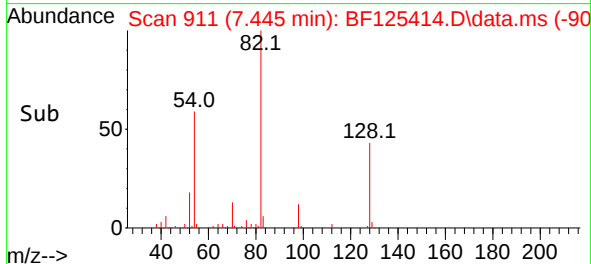
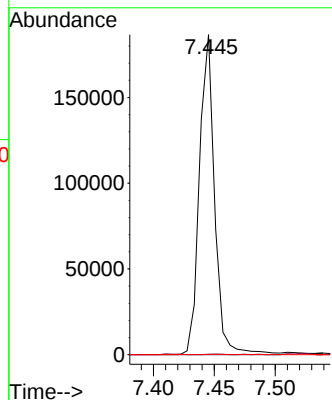
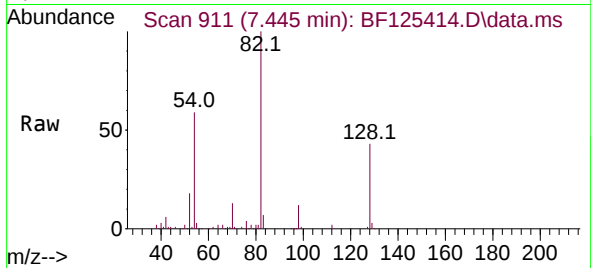




#25
Isophorone
Concen: 7.263 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF125414.D
Acq: 9 Sep 2021 15:56

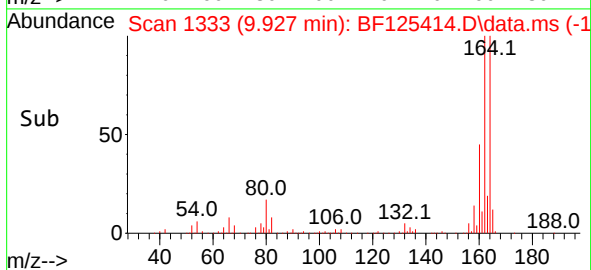
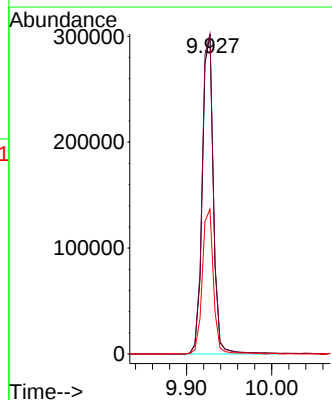
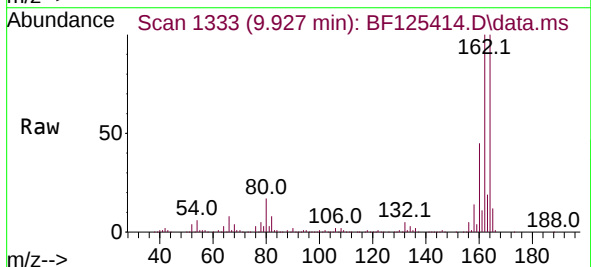
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BNA_F
ClientSampleId :
FK-SF-02-006-B

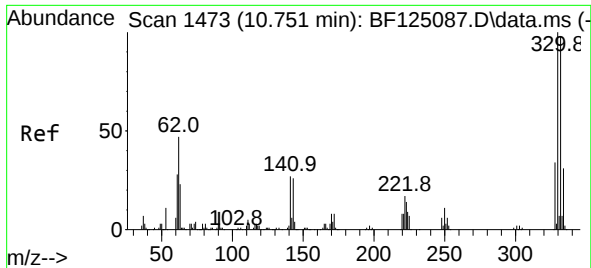
Tgt Ion: 82 Resp: 162414
Ion Ratio Lower Upper
82 100
95 0.2 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF125414.D
Acq: 9 Sep 2021 15:56

Tgt Ion: 164 Resp: 271455
Ion Ratio Lower Upper
164 100
162 100.2 81.3 121.9
160 45.3 38.0 57.0

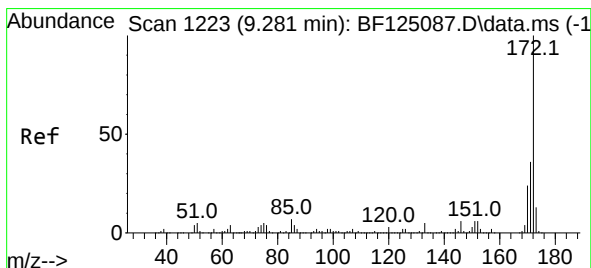
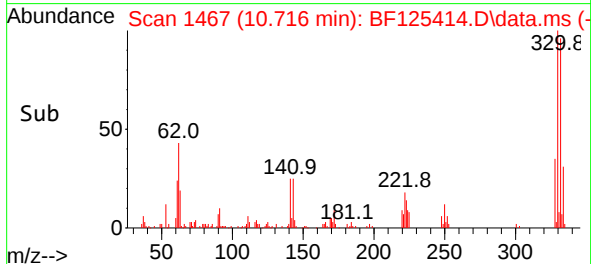
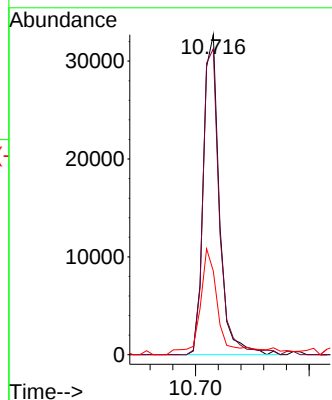
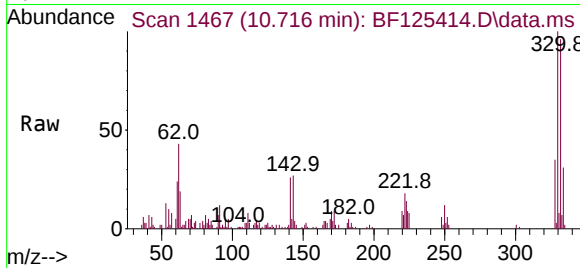




#42
2,4,6-Tribromophenol
Concen: 11.830 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF125414.D
Acq: 9 Sep 2021 15:56

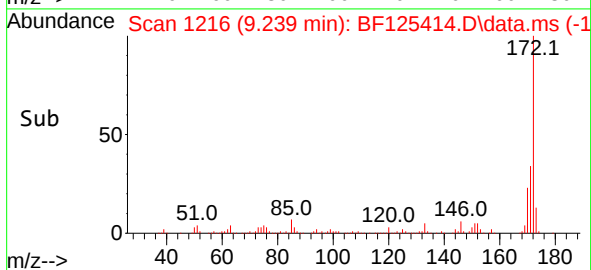
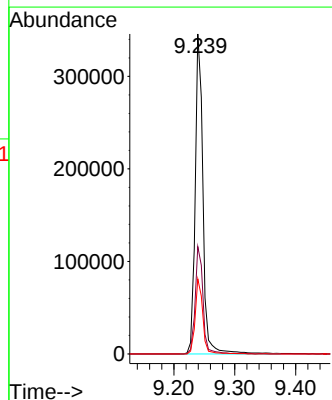
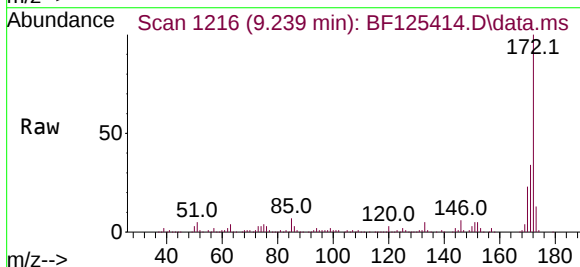
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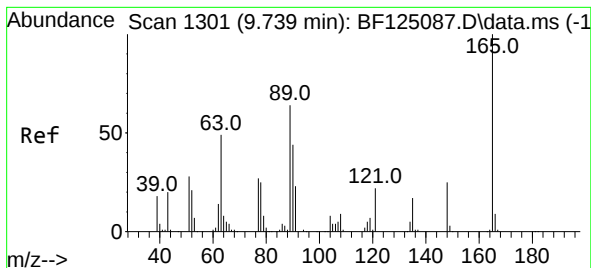
Tgt Ion:330 Resp: 32055
Ion Ratio Lower Upper
330 100
332 98.4 76.2 114.4
141 39.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 15.791 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF125414.D
Acq: 9 Sep 2021 15:56

Tgt Ion:172 Resp: 307554
Ion Ratio Lower Upper
172 100
171 33.5 26.5 39.7
170 23.5 18.8 28.2

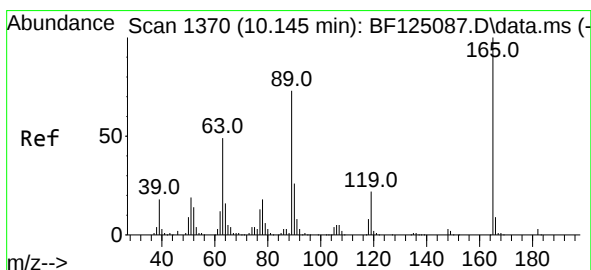
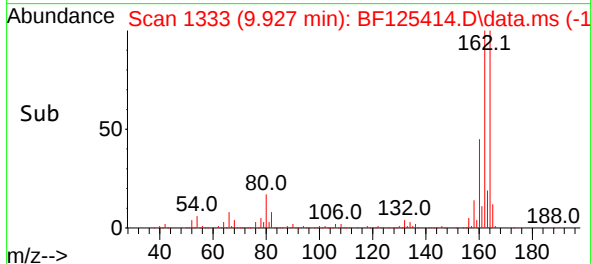
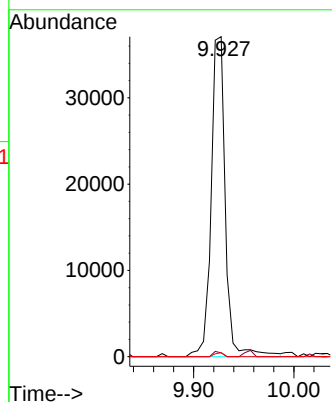
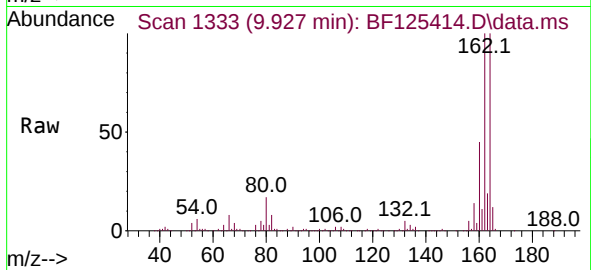




#51
2,6-Dinitrotoluene
Concen: 8.951 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF125414.D
Acq: 9 Sep 2021 15:56

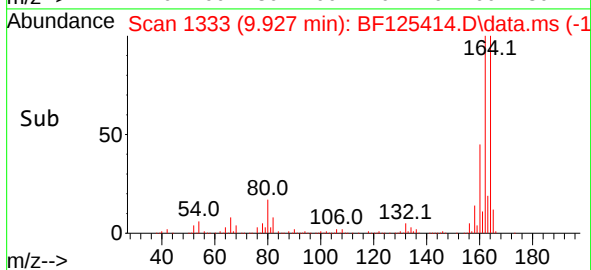
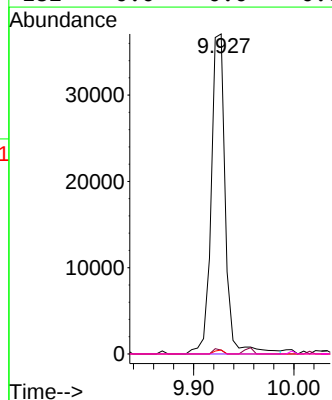
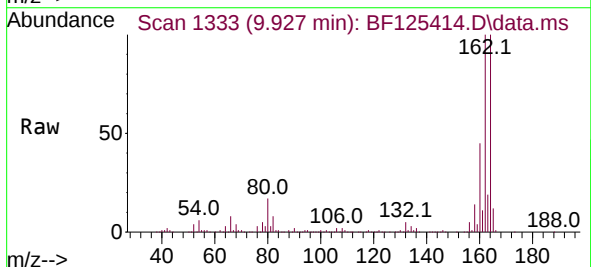
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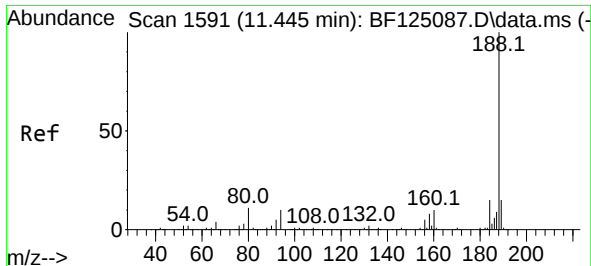
Tgt Ion:165 Resp: 36513
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.3 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.396 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF125414.D
Acq: 9 Sep 2021 15:56

Tgt Ion:165 Resp: 36513
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0

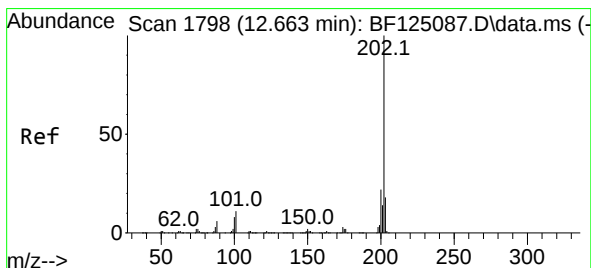
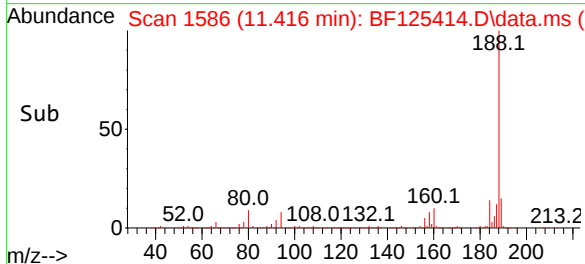
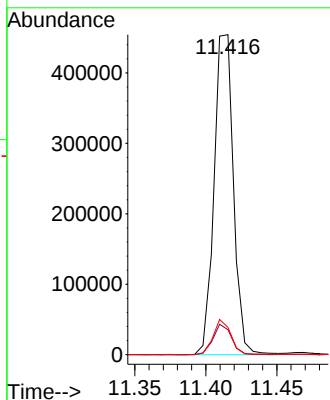
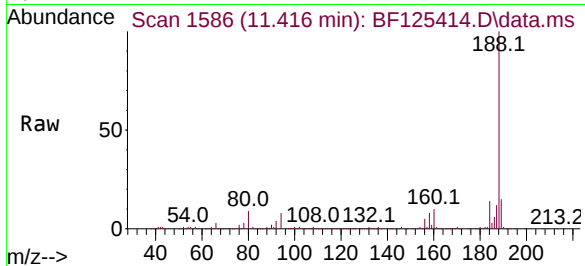




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF125414.D
Acq: 9 Sep 2021 15:56

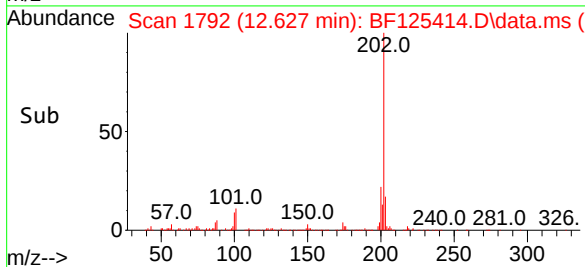
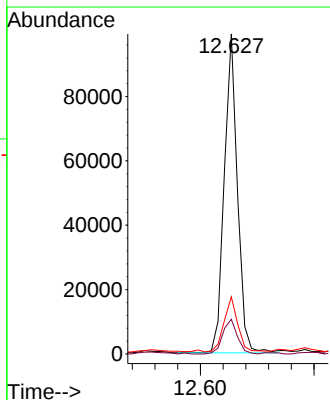
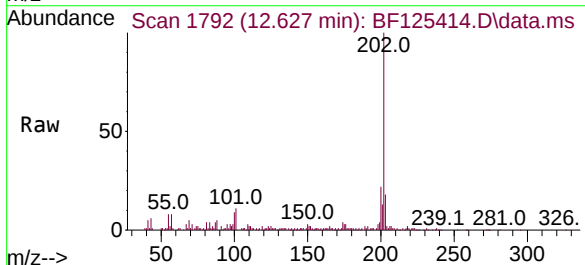
Instrument :
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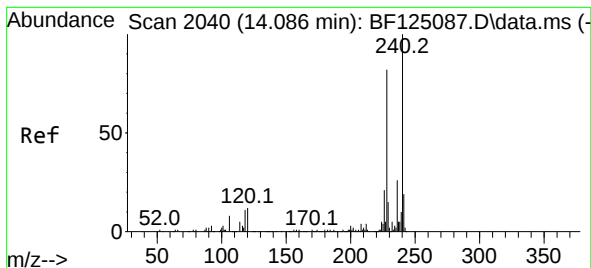
Tgt Ion:188 Resp: 431355
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 8.6 7.5 11.3



#75
Fluoranthene
Concen: 3.397 ng
RT: 12.627 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BF125414.D
Acq: 9 Sep 2021 15:56

Tgt Ion:202 Resp: 80107
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.7
203 17.9 0.0 36.3

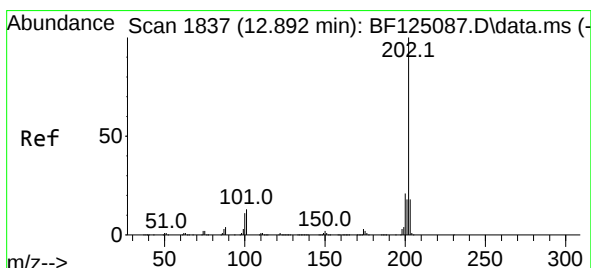
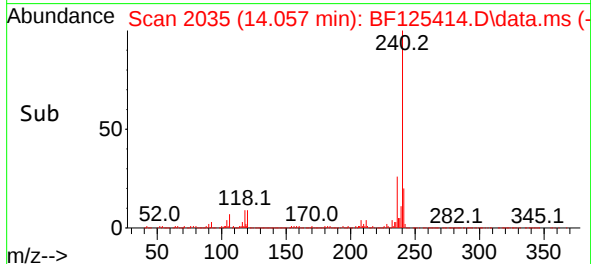
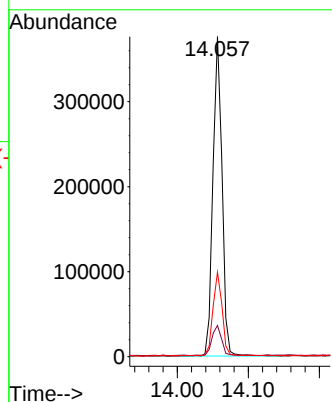
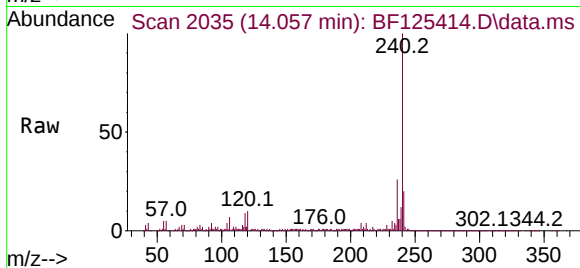




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125414.D
Acq: 9 Sep 2021 15:56

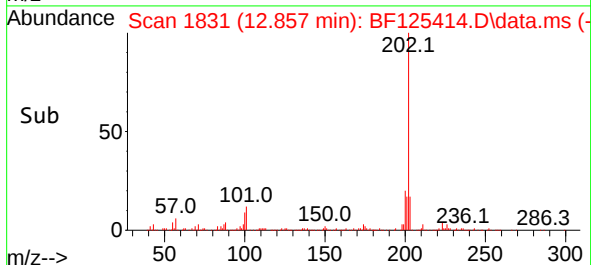
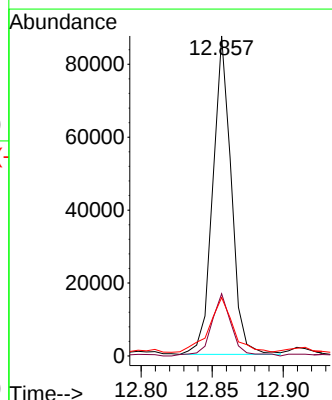
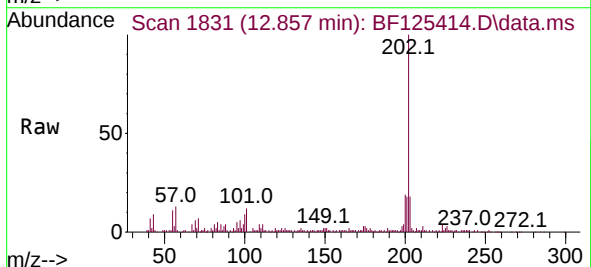
Instrument :
BNA_F
ClientSampleId :
FK-SF-02-006-B

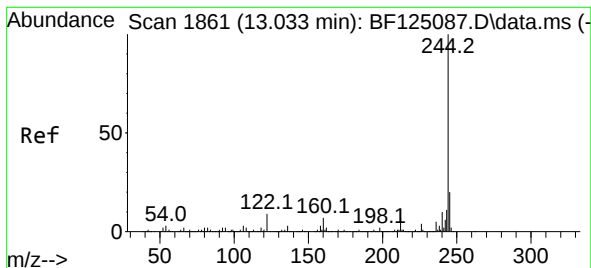
Tgt Ion:240 Resp: 336110
Ion Ratio Lower Upper
240 100
120 9.7 10.8 16.2#
236 26.4 21.6 32.4



#78
Pyrene
Concen: 2.732 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF125414.D
Acq: 9 Sep 2021 15:56

Tgt Ion:202 Resp: 78762
Ion Ratio Lower Upper
202 100
200 19.5 15.3 22.9
203 18.3 13.4 20.0





#79

Terphenyl-d14

Concen: 13.517 ng

RT: 12.998 min Scan# 1855

Delta R.T. -0.006 min

Lab File: BF125414.D

Acq: 9 Sep 2021 15:56

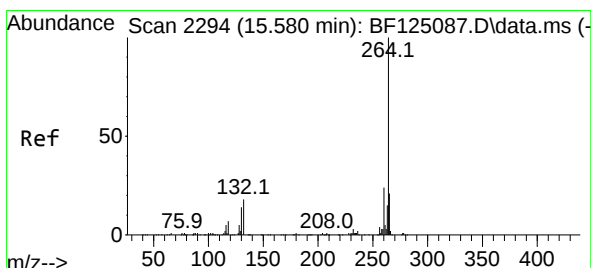
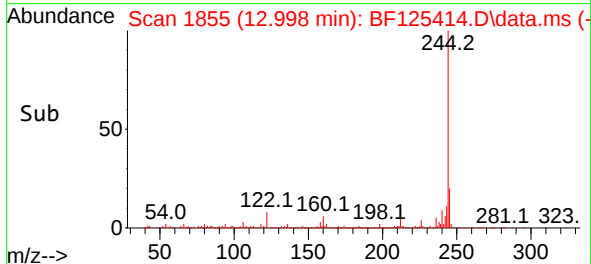
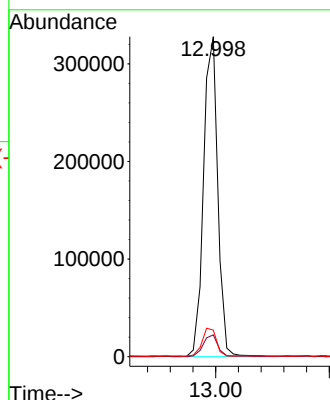
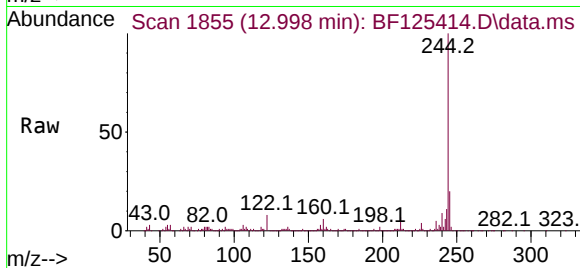
Instrument :

BNA_F

ClientSampleId :

FK-SF-02-006-B

Tgt Ion:244	Resp:	285185
Ion Ratio	Lower	Upper
244	100	
212	6.8	5.9 8.9
122	8.3	9.0 13.4#



#86

Perylene-d12

Concen: 20.000 ng

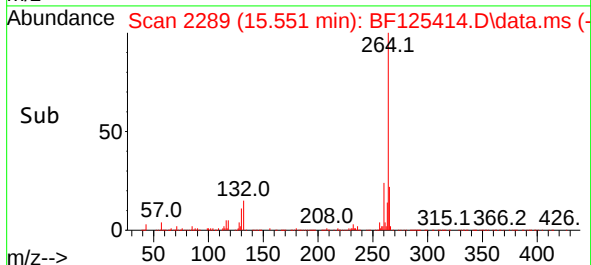
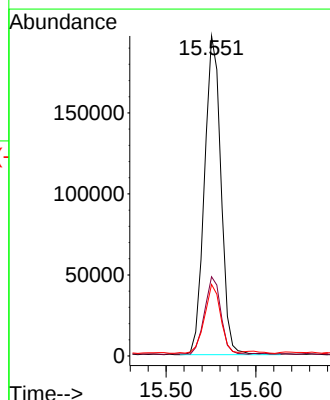
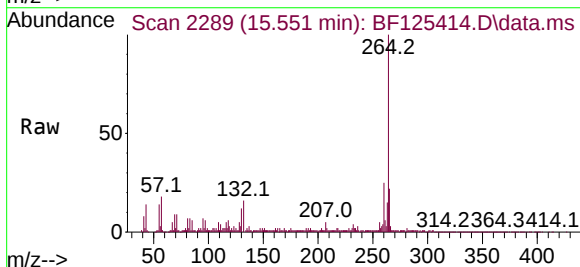
RT: 15.551 min Scan# 2289

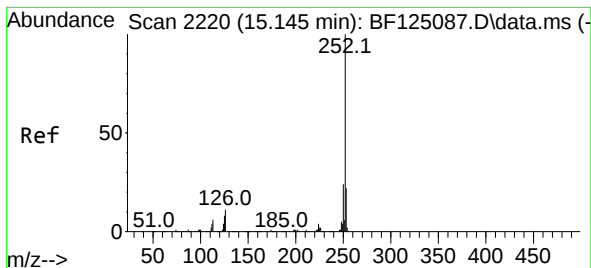
Delta R.T. 0.006 min

Lab File: BF125414.D

Acq: 9 Sep 2021 15:56

Tgt Ion:264	Resp:	250976
Ion Ratio	Lower	Upper
264	100	
260	24.8	19.6 29.4
265	22.4	17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 2.511 ng

RT: 15.109 min Scan# 2214

Delta R.T. 0.000 min

Lab File: BF125414.D

Acq: 9 Sep 2021 15:56

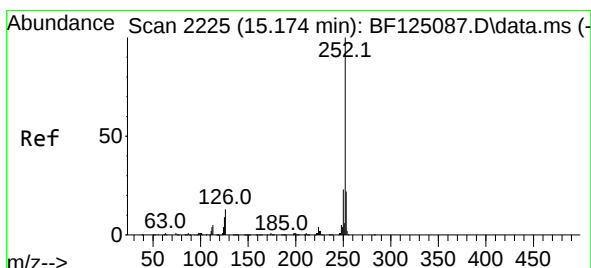
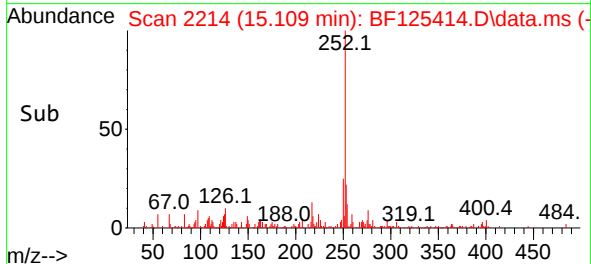
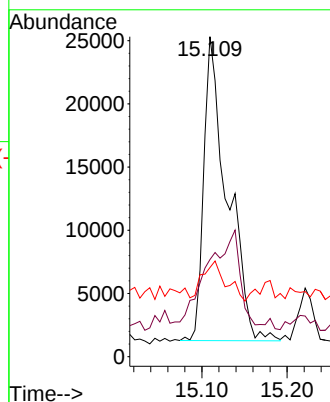
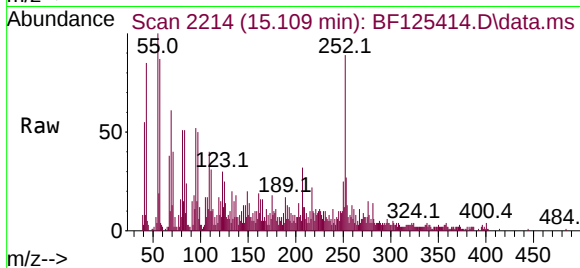
Instrument :

BNA_F

ClientSampleId :

FK-SF-02-006-B

Tgt Ion:252	Resp:	46044
Ion Ratio	Lower	Upper
252	100	
253	30.3	16.8 25.2#
125	27.9	9.8 14.8#



#89

Benzo(k)fluoranthene

Concen: 2.691 ng

RT: 15.109 min Scan# 2214

Delta R.T. -0.035 min

Lab File: BF125414.D

Acq: 9 Sep 2021 15:56

Tgt Ion:252	Resp:	46044
Ion Ratio	Lower	Upper
252	100	
253	30.3	17.8 26.8#
125	27.9	7.2 10.8#

