

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090921\
 Data File : BF125413.D
 Acq On : 9 Sep 2021 15:24
 Operator : JU/CG
 Sample : M3680-01 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Sep 09 16:12:19 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)

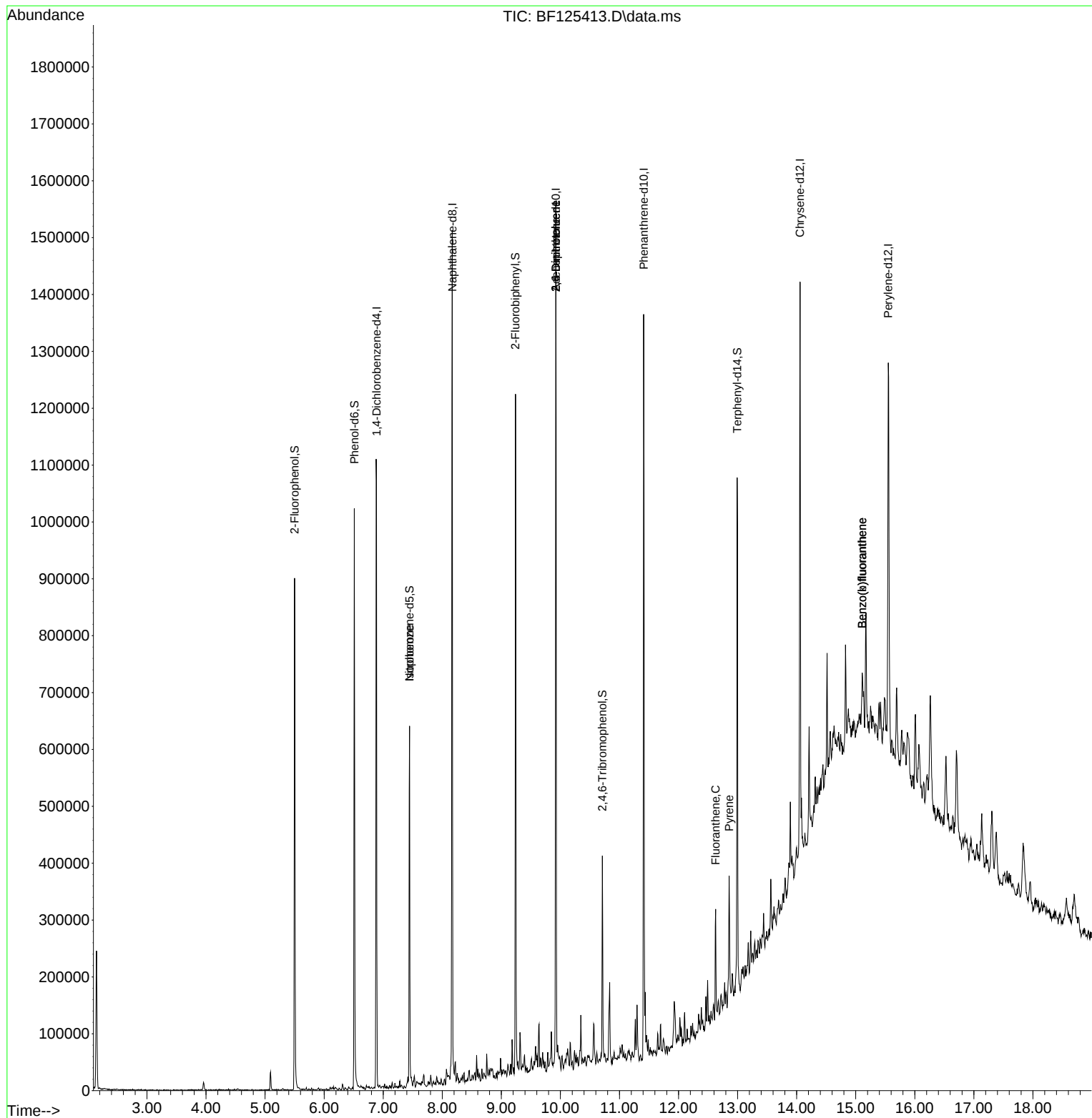
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	168342	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	635254	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	297145	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	473507	20.000	ng	0.00
76) Chrysene-d12	14.057	240	356027	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	288530	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	227928	20.493	ng	-0.01
7) Phenol-d6	6.510	99	297349	20.672	ng	-0.02
23) Nitrobenzene-d5	7.445	82	185608	14.709	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	41724	14.067	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	355880	16.692	ng	-0.01
79) Terphenyl-d14	12.992	244	314475	14.072	ng	-0.01
Target Compounds						
						Qvalue
25) Isophorone	7.445	82	185501	7.621	ng	# 59
51) 2,6-Dinitrotoluene	9.922	165	41372	9.266	ng	# 28
57) 2,4-Dinitrotoluene	9.922	165	41505	7.680	ng	# 19
75) Fluoranthene	12.627	202	76997	2.974	ng	97
78) Pyrene	12.857	202	73451	2.405	ng	97
88) Benzo(b)fluoranthene	15.110	252	53164	2.522	ng	# 75
89) Benzo(k)fluoranthene	15.110	252	53164	2.703	ng	# 75

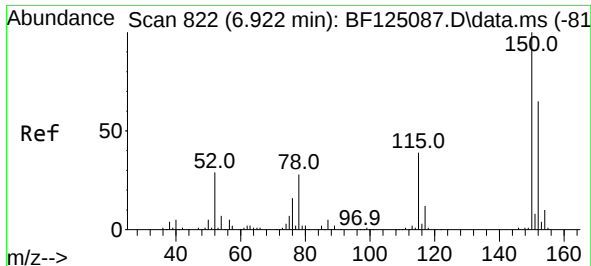
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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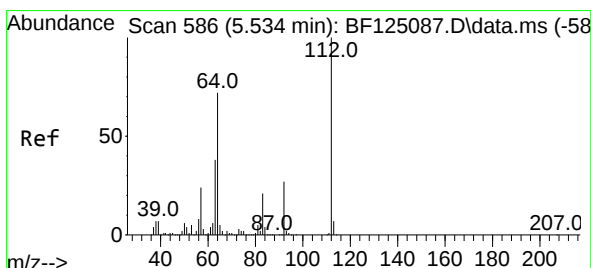
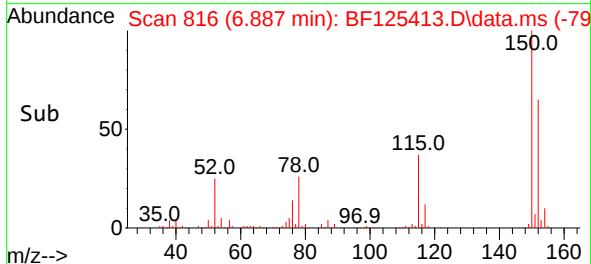
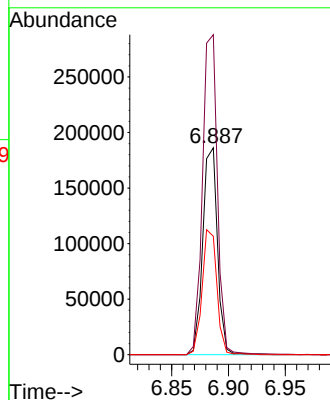
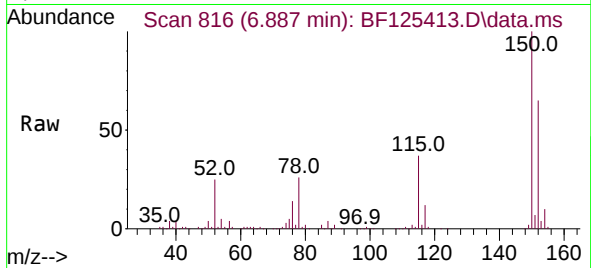




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF125413.D
Acq: 9 Sep 2021 15:24

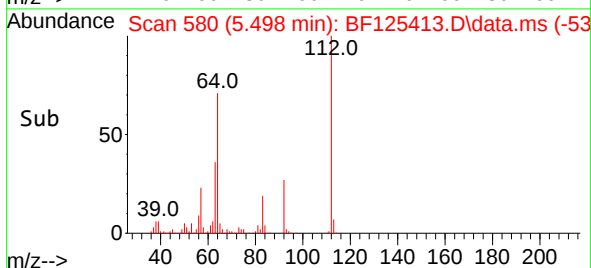
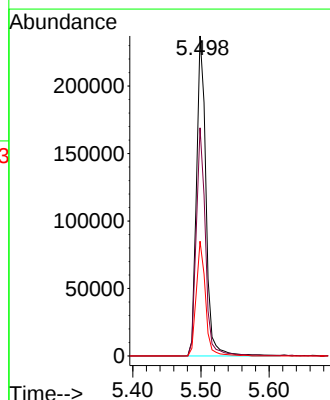
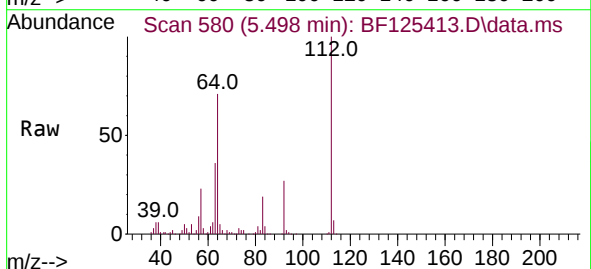
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BNA_F
ClientSampleId :
FK-SF-02-006-A

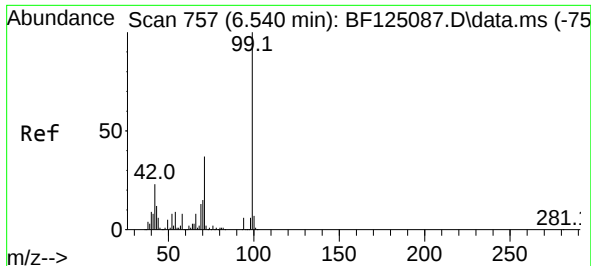
Tgt Ion:152 Resp: 168342
Ion Ratio Lower Upper
152 100
150 154.6 117.6 176.4
115 57.2 47.1 70.7



#5
2-Fluorophenol
Concen: 20.493 ng
RT: 5.498 min Scan# 580
Delta R.T. -0.012 min
Lab File: BF125413.D
Acq: 9 Sep 2021 15:24

Tgt Ion:112 Resp: 227928
Ion Ratio Lower Upper
112 100
64 71.3 44.2 66.2#
63 35.8 26.2 39.2

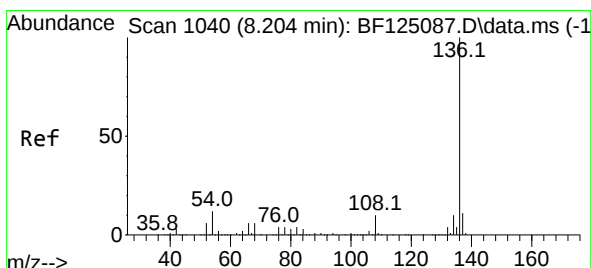
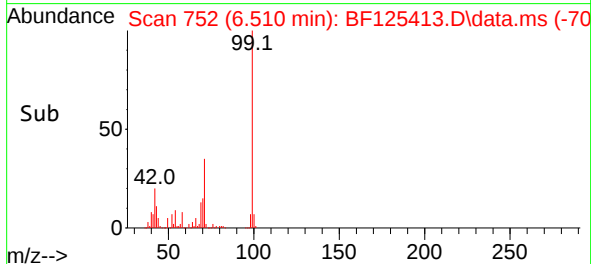
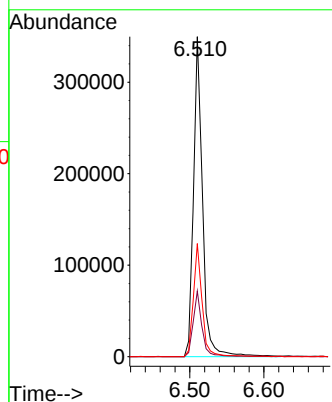
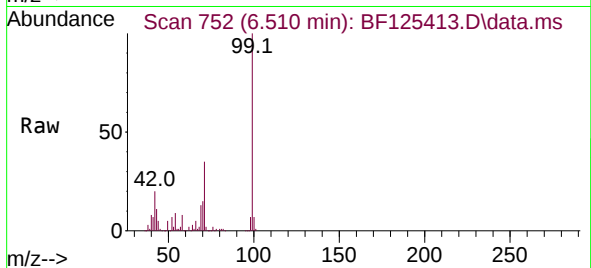




#7
Phenol-d6
Concen: 20.672 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.017 min
Lab File: BF125413.D
Acq: 9 Sep 2021 15:24

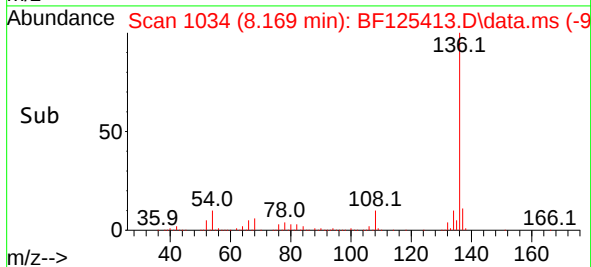
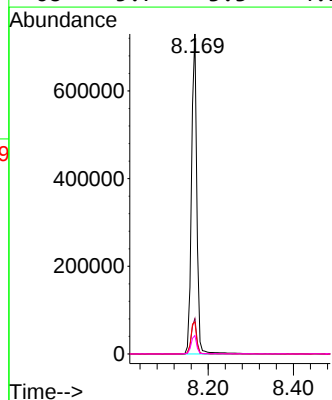
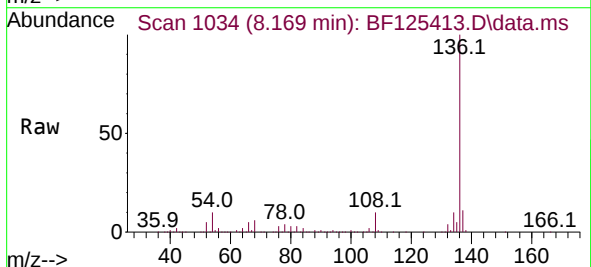
Instrument :
BNA_F
ClientSampleId :
FK-SF-02-006-A

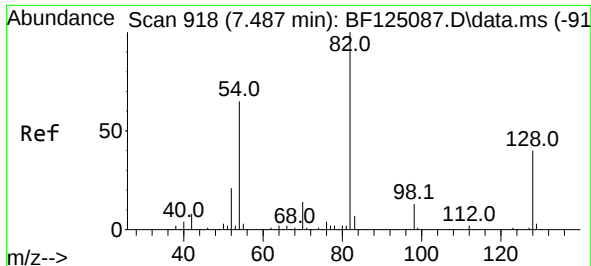
Tgt Ion: 99 Resp: 297349
Ion Ratio Lower Upper
99 100
42 20.5 23.5 35.3#
71 35.3 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125413.D
Acq: 9 Sep 2021 15:24

Tgt Ion: 136 Resp: 635254
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 10.0 6.4 9.6#
68 5.7 3.3 4.9#

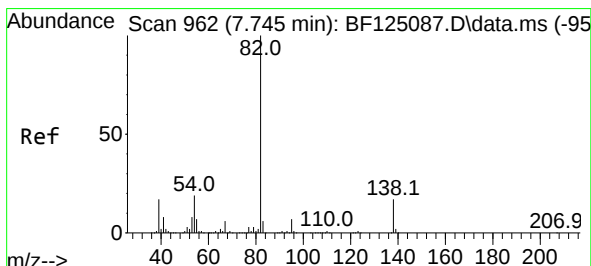
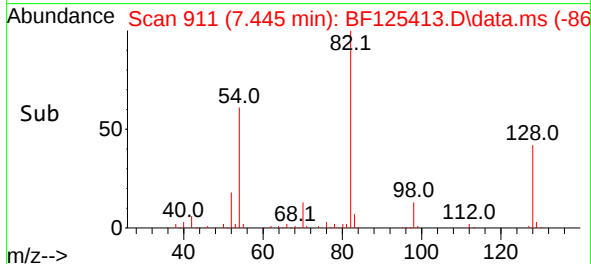
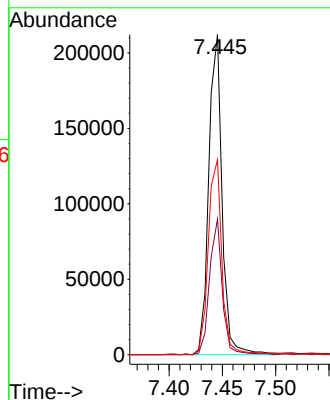
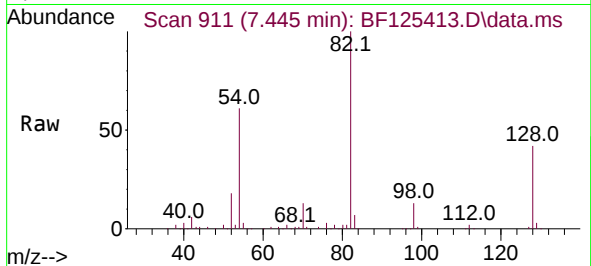




#23
Nitrobenzene-d5
Concen: 14.709 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF125413.D
Acq: 9 Sep 2021 15:24

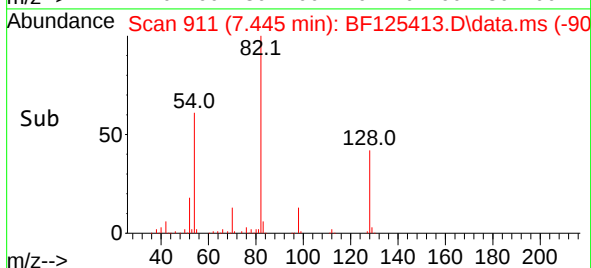
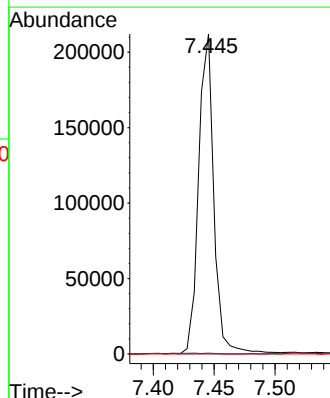
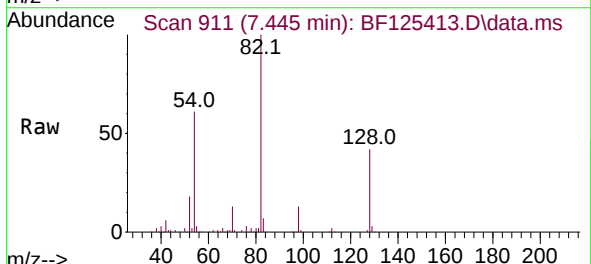
Instrument :
BNA_F
ClientSampleId :
FK-SF-02-006-A

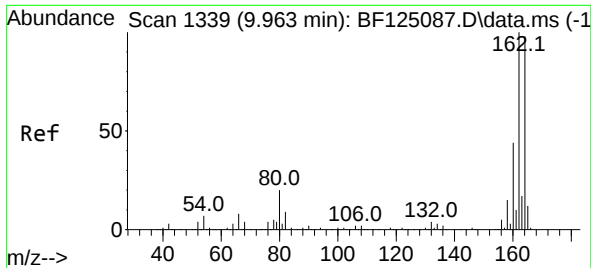
Tgt Ion: 82 Resp: 185608
Ion Ratio Lower Upper
82 100
128 42.4 40.6 60.8
54 60.9 49.6 74.4



#25
Isophorone
Concen: 7.621 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.264 min
Lab File: BF125413.D
Acq: 9 Sep 2021 15:24

Tgt Ion: 82 Resp: 185501
Ion Ratio Lower Upper
82 100
95 0.2 6.5 9.7#
138 0.0 18.4 27.6#

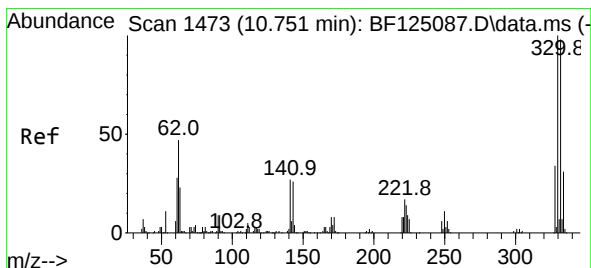
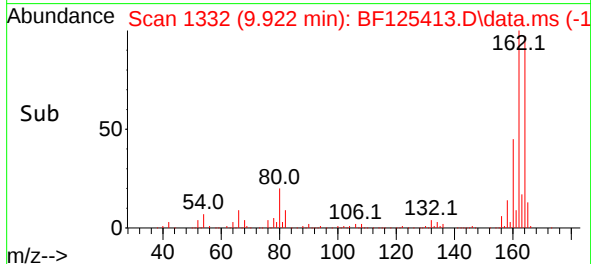
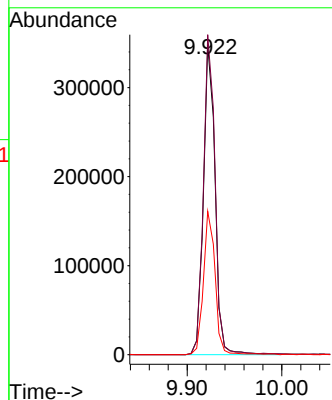
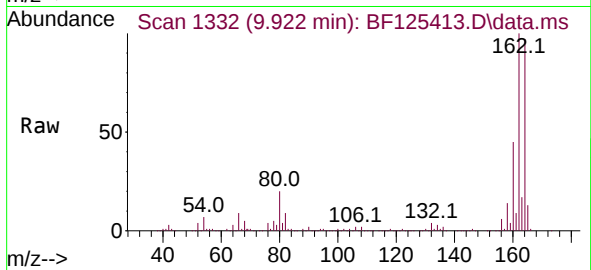




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125413.D
Acq: 9 Sep 2021 15:24

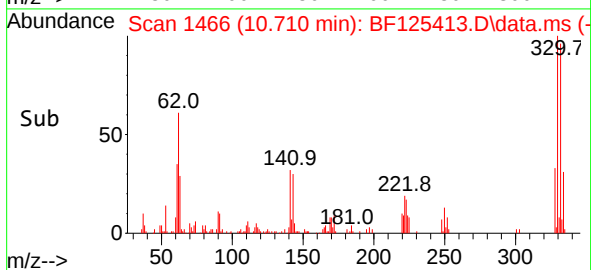
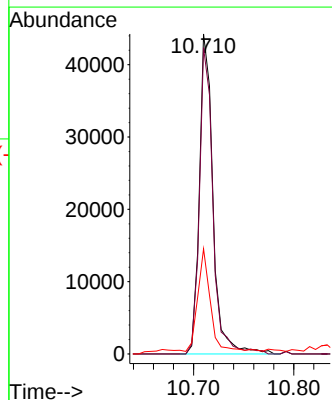
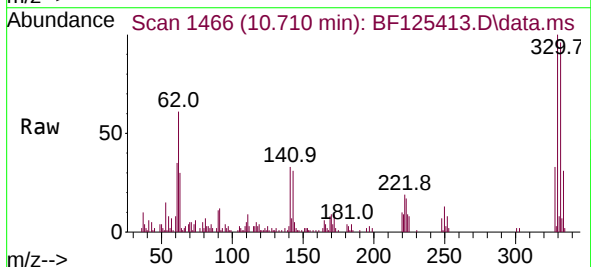
Instrument :
BNA_F
ClientSampleId :
FK-SF-02-006-A

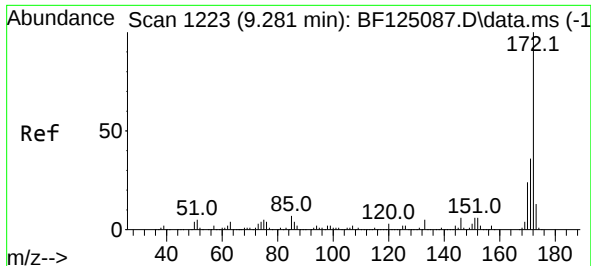
Tgt Ion:164 Resp: 297145
Ion Ratio Lower Upper
164 100
162 103.3 81.3 121.9
160 46.3 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 14.067 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.012 min
Lab File: BF125413.D
Acq: 9 Sep 2021 15:24

Tgt Ion:330 Resp: 41724
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 30.2 44.6 66.8#

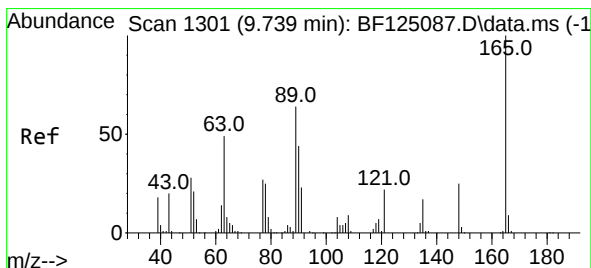
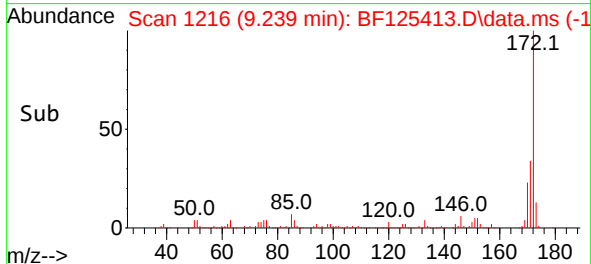
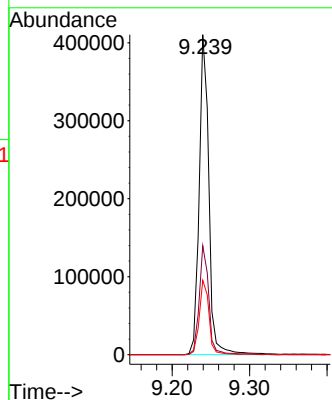
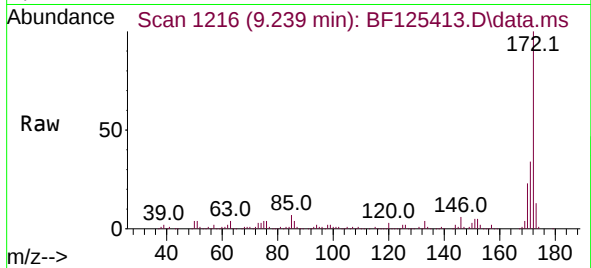




#45
2-Fluorobiphenyl
Concen: 16.692 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF125413.D
Acq: 9 Sep 2021 15:24

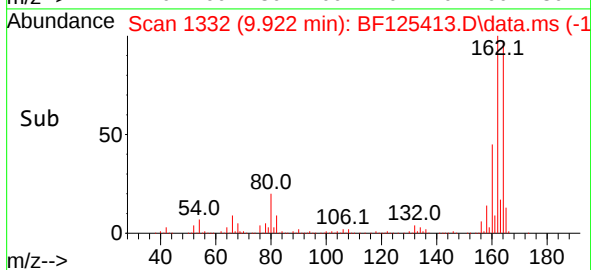
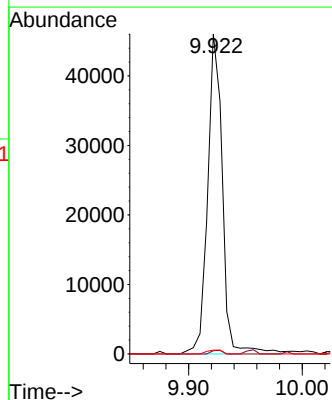
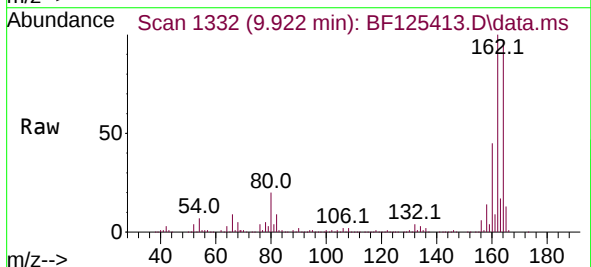
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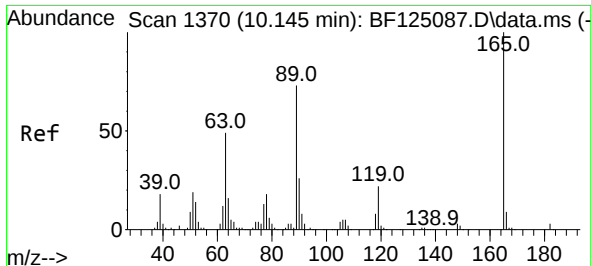
Tgt Ion:172 Resp: 355880
Ion Ratio Lower Upper
172 100
171 34.1 26.5 39.7
170 23.3 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.266 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.206 min
Lab File: BF125413.D
Acq: 9 Sep 2021 15:24

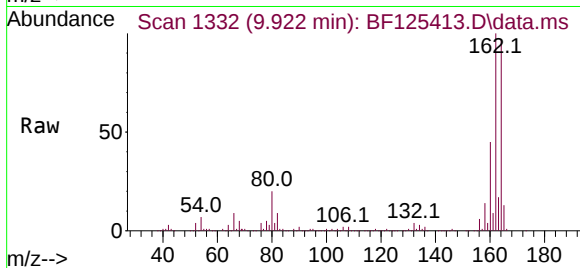
Tgt Ion:165 Resp: 41372
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.2 40.6 60.8#



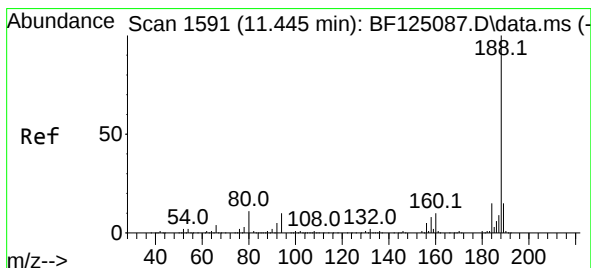
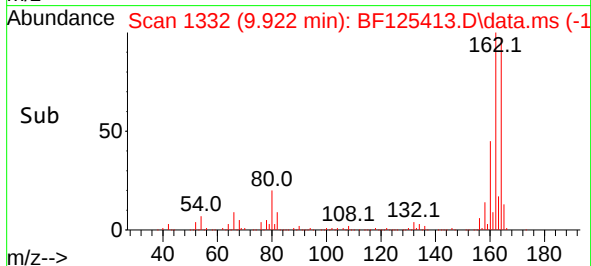
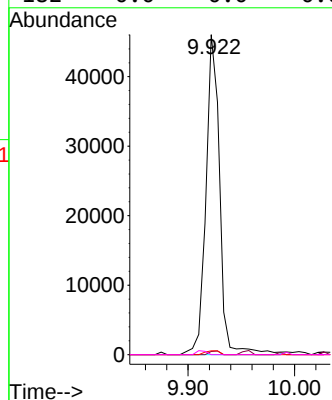


#57
2,4-Dinitrotoluene
Concen: 7.680 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.200 min
Lab File: BF125413.D
Acq: 9 Sep 2021 15:24

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

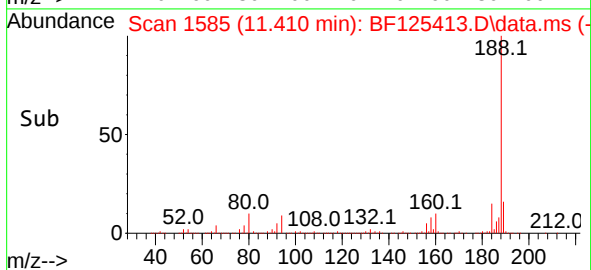
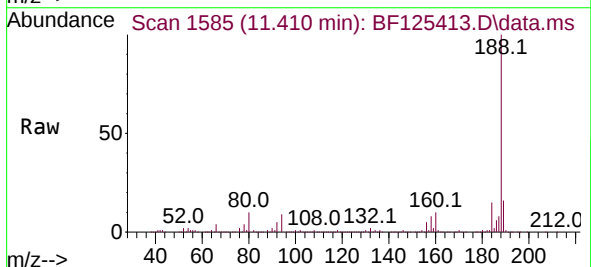
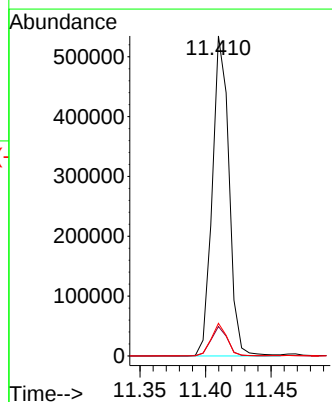


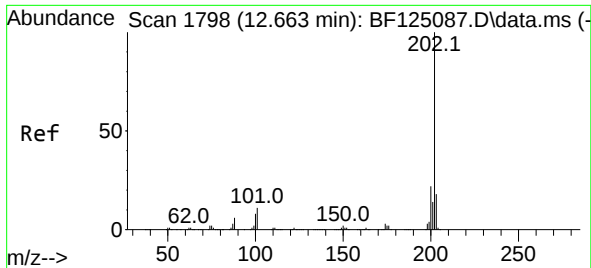
Tgt Ion:165 Resp: 41505
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF125413.D
Acq: 9 Sep 2021 15:24

Tgt Ion:188 Resp: 473507
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 10.2 7.5 11.3

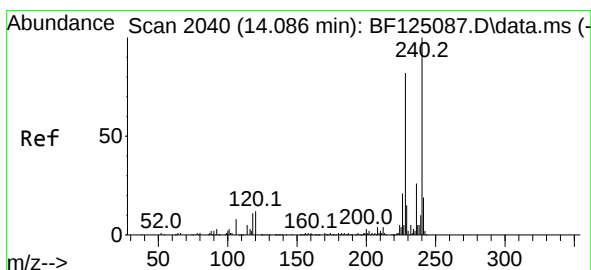
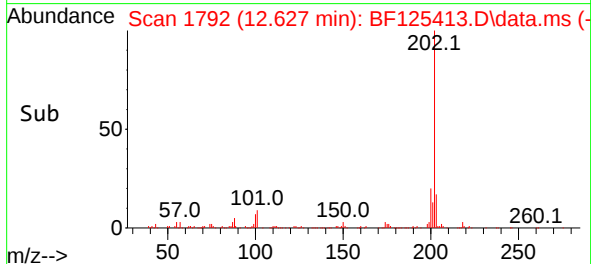
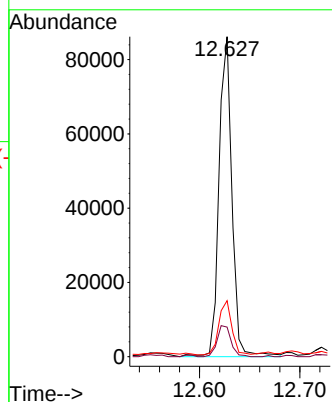
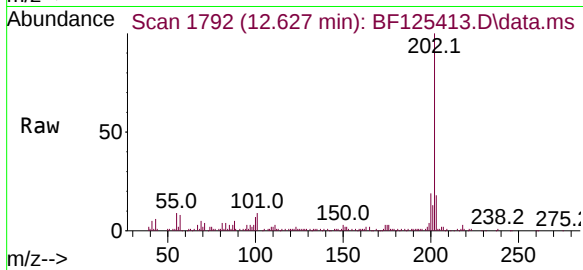




#75
Fluoranthene
Concen: 2.974 ng
RT: 12.627 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BF125413.D
Acq: 9 Sep 2021 15:24

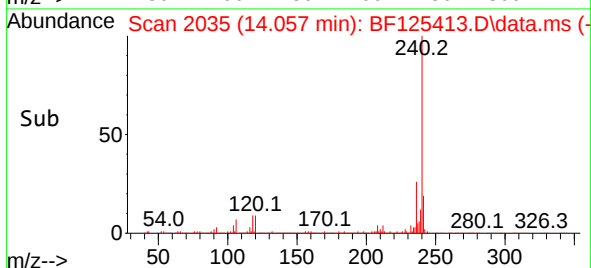
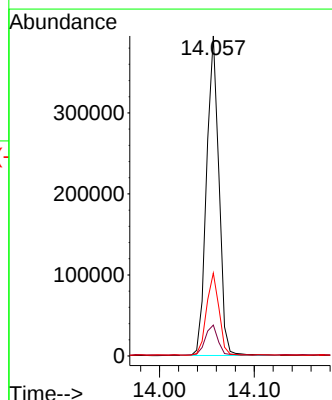
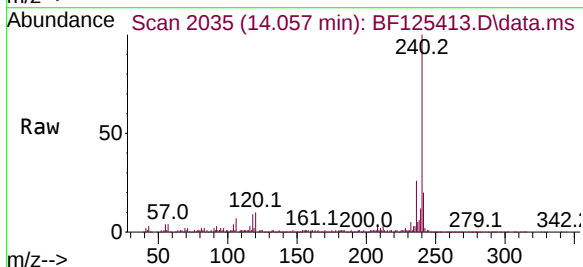
Instrument :
BNA_F
ClientSampleId :
FK-SF-02-006-A

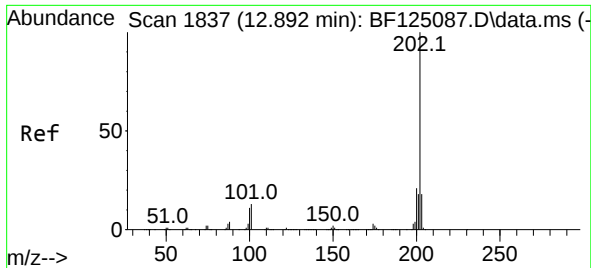
Tgt Ion:202 Resp: 76997
Ion Ratio Lower Upper
202 100
101 9.2 0.0 30.7
203 17.5 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125413.D
Acq: 9 Sep 2021 15:24

Tgt Ion:240 Resp: 356027
Ion Ratio Lower Upper
240 100
120 9.6 10.8 16.2#
236 25.9 21.6 32.4

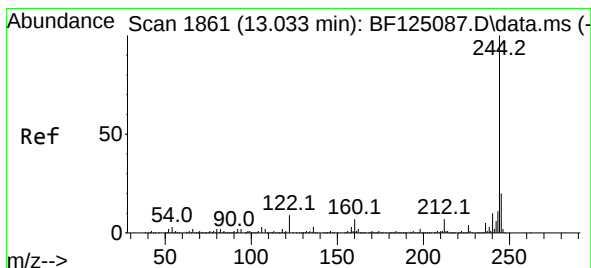
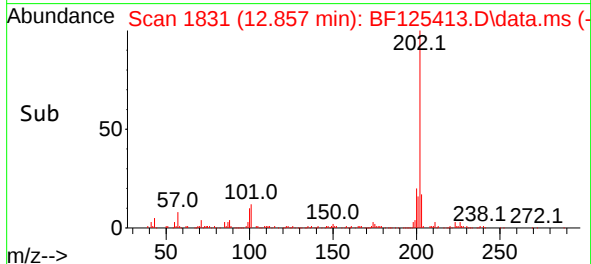
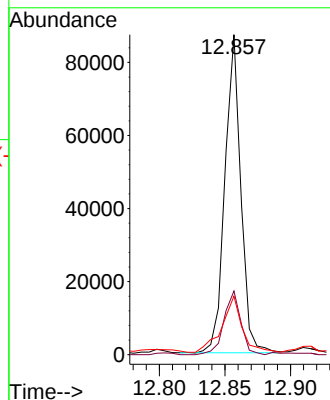
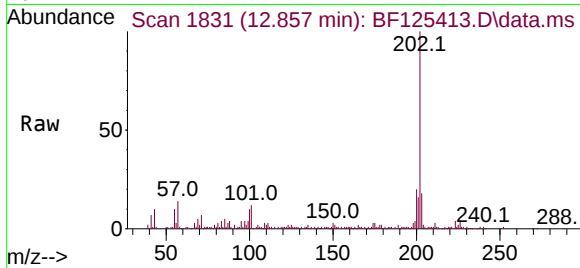




#78
Pyrene
Concen: 2.405 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF125413.D
Acq: 9 Sep 2021 15:24

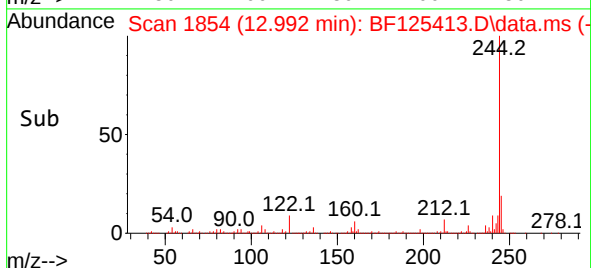
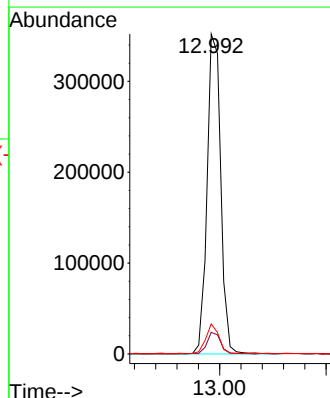
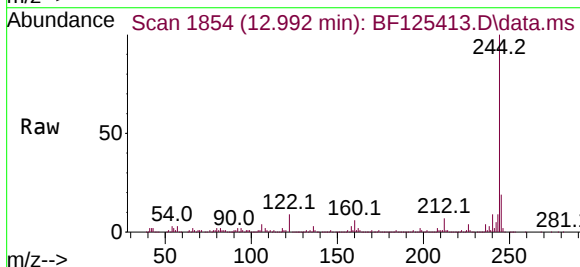
Instrument :
BNA_F
ClientSampleId :
FK-SF-02-006-A

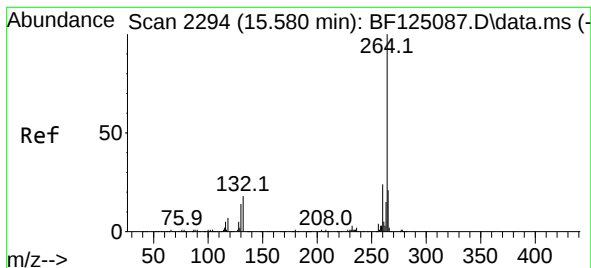
Tgt Ion:202	Resp:	73451
Ion Ratio	Lower	Upper
202	100	
200	19.9	15.3 22.9
203	18.3	13.4 20.0



#79
Terphenyl-d14
Concen: 14.072 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.012 min
Lab File: BF125413.D
Acq: 9 Sep 2021 15:24

Tgt Ion:244	Resp:	314475
Ion Ratio	Lower	Upper
244	100	
212	6.8	5.9 8.9
122	9.4	9.0 13.4

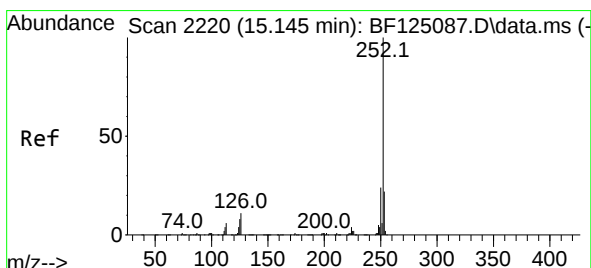
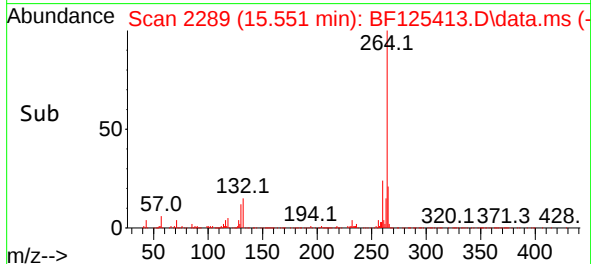
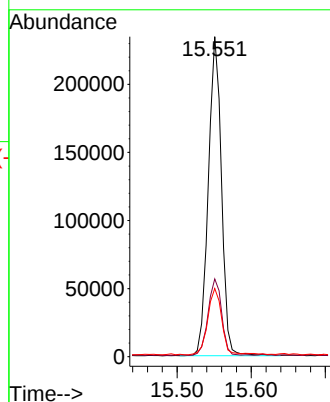
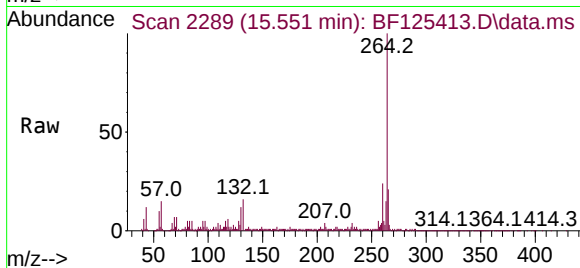




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. 0.006 min
 Lab File: BF125413.D
 Acq: 9 Sep 2021 15:24

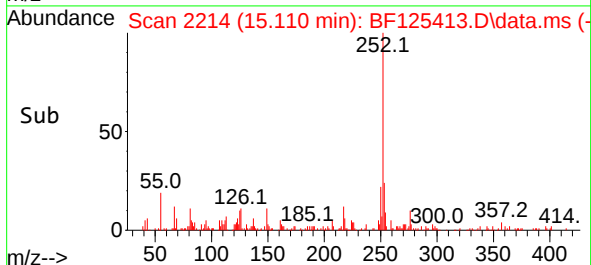
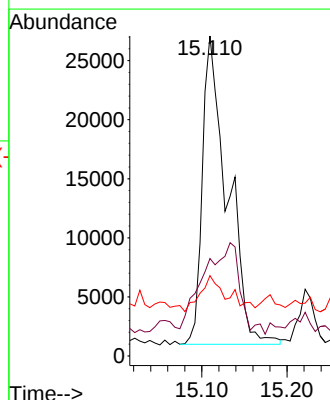
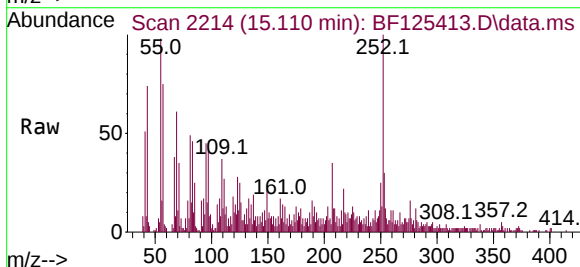
Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-02-006-A

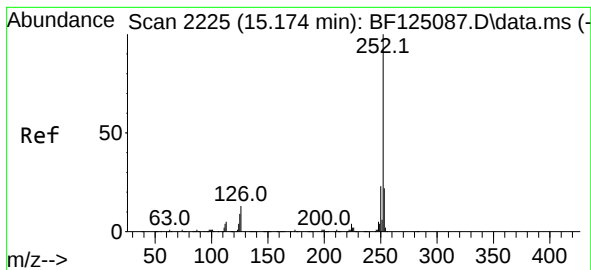
Tgt Ion:264 Resp: 288530
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.6 29.4
 265 21.3 17.2 25.8



#88
 Benzo(b)fluoranthene
 Concen: 2.522 ng
 RT: 15.110 min Scan# 2214
 Delta R.T. 0.000 min
 Lab File: BF125413.D
 Acq: 9 Sep 2021 15:24

Tgt Ion:252 Resp: 53164
 Ion Ratio Lower Upper
 252 100
 253 30.5 16.8 25.2#
 125 25.1 9.8 14.8#





#89

Benzo(k)fluoranthene

Concen: 2.703 ng

RT: 15.110 min Scan# 2214

Delta R.T. -0.035 min

Lab File: BF125413.D

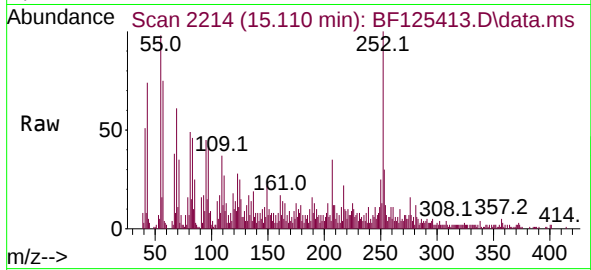
Acq: 9 Sep 2021 15:24

Instrument :

BNA_F

ClientSampleId :

FK-SF-02-006-A



Tgt Ion:252	Resp:	53164
Ion Ratio	Lower	Upper
252	100	
253	30.5	17.8 26.8#
125	25.1	7.2 10.8#

