

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091421\
 Data File : BF125495.D
 Acq On : 15 Sep 2021 2:30
 Operator : JU/CG
 Sample : M3723-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-091321

Quant Time: Sep 15 05:03:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 14 17:17:24 2021
 Response via : Initial Calibration

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

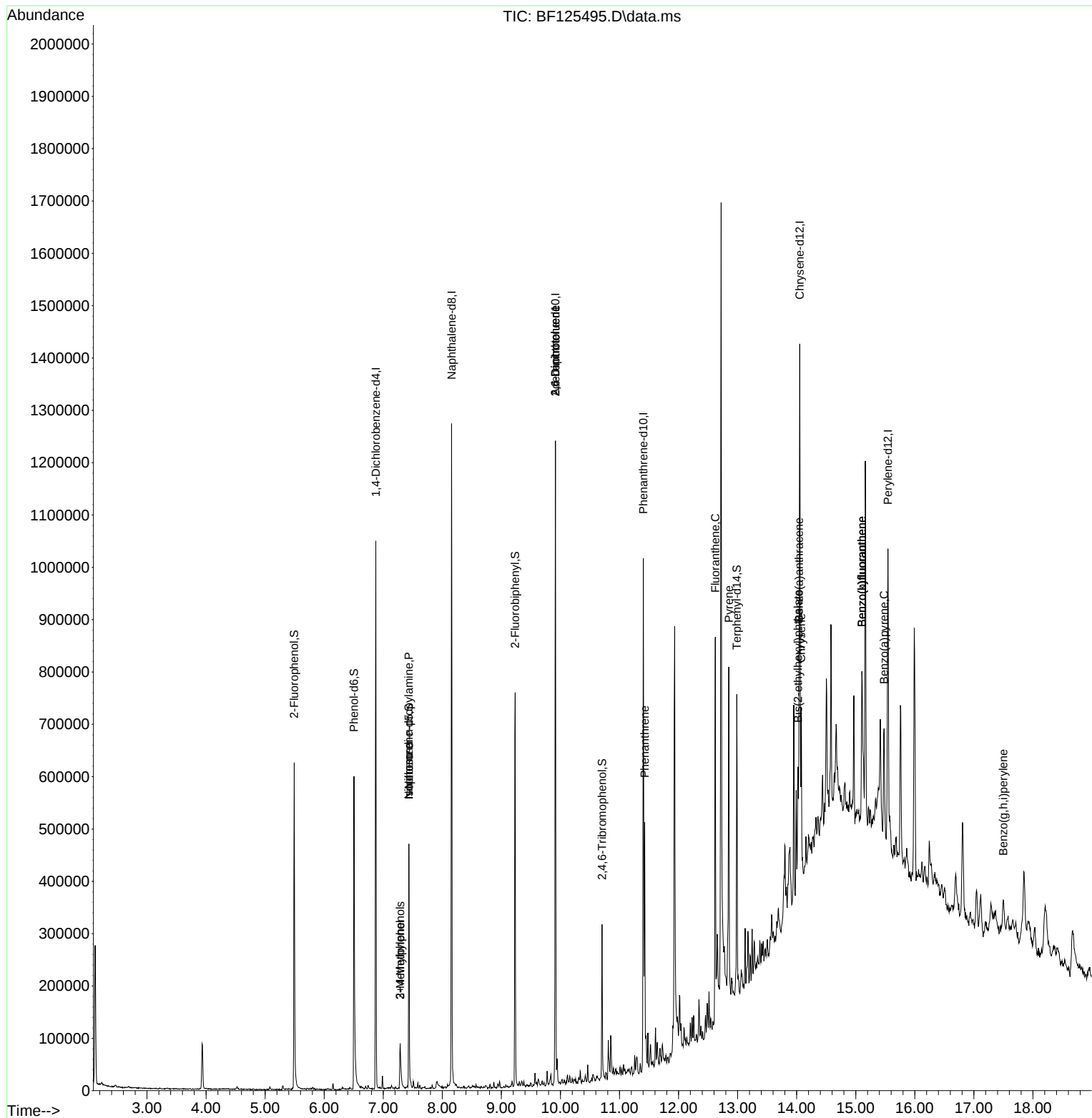
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	142795	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	504083	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	224082	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	330318	20.000	ng	0.00
76) Chrysene-d12	14.051	240	300721	20.000	ng	#-0.01
86) Perylene-d12	15.545	264	253526	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	165883	17.583	ng	-0.01
7) Phenol-d6	6.504	99	213251	17.478	ng	-0.02
23) Nitrobenzene-d5	7.433	82	132796	13.263	ng	-0.02
42) 2,4,6-Tribromophenol	10.704	330	32049	14.328	ng	-0.01
45) 2-Fluorobiphenyl	9.233	172	237170	14.751	ng	0.00
79) Terphenyl-d14	12.986	244	185883	9.847	ng	-0.01
Target Compounds						Qvalue
17) 2-Methylphenol	7.286	107	35342	4.372	ng	# 72
19) n-Nitroso-di-n-propyla...	7.433	70	17604	2.399	ng	# 59
20) 3+4-Methylphenols	7.286	107	35342	3.483	ng	# 72
25) Isophorone	7.433	82	132794	6.875	ng	# 59
51) 2,6-Dinitrotoluene	9.916	165	28420	8.440	ng	# 28
57) 2,4-Dinitrotoluene	9.916	165	28420	6.974	ng	# 20
71) Phenanthrene	11.427	178	124549	6.843	ng	97
75) Fluoranthene	12.621	202	268508	14.868	ng	97
78) Pyrene	12.851	202	246039	9.538	ng	98
81) Benzo(a)anthracene	14.039	228	126173	5.823	ng	98
83) Chrysene	14.074	228	138367	6.457	ng	98
84) Bis(2-ethylhexyl)phtha...	14.021	149	37858	2.717	ng	# 98
88) Benzo(b)fluoranthene	15.104	252	220319	11.895	ng	99
89) Benzo(k)fluoranthene	15.104	252	220319	12.747	ng	# 96
90) Benzo(a)pyrene	15.480	252	103293	6.313	ng	98
92) Benzo(g,h,i)perylene	17.497	276	53504	3.515	ng	# 92

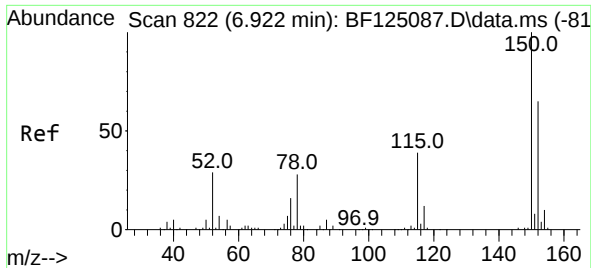
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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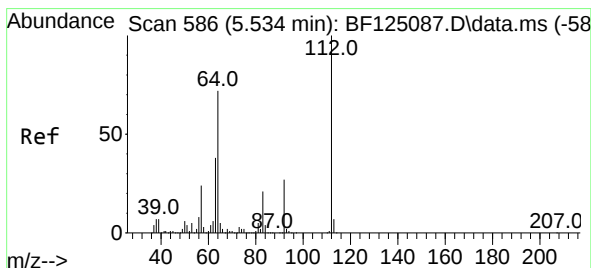
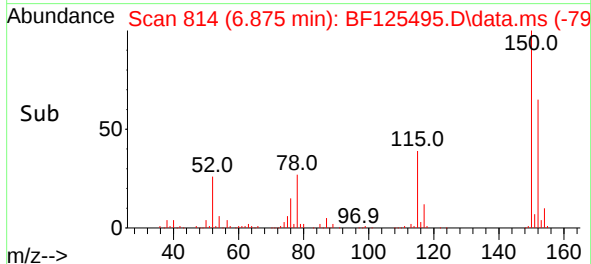
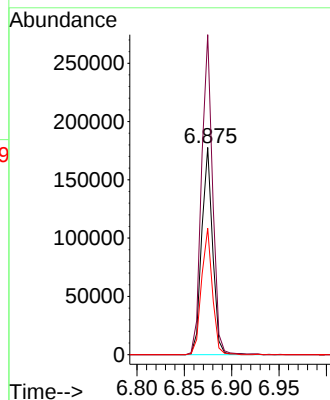
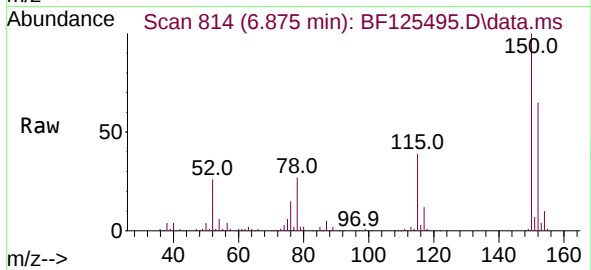




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 814
 Delta R.T. -0.006 min
 Lab File: BF125495.D
 Acq: 15 Sep 2021 2:30

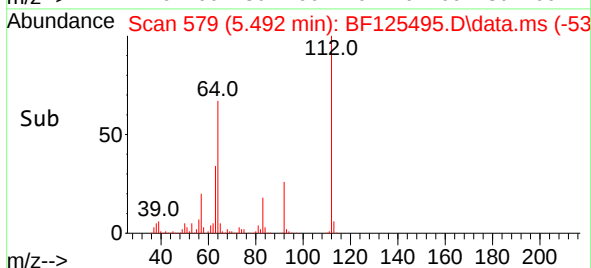
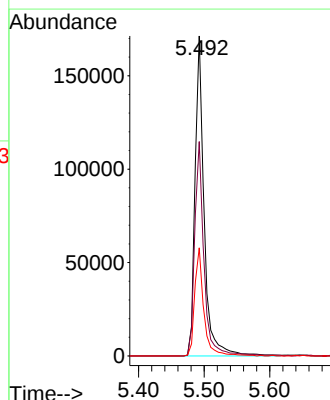
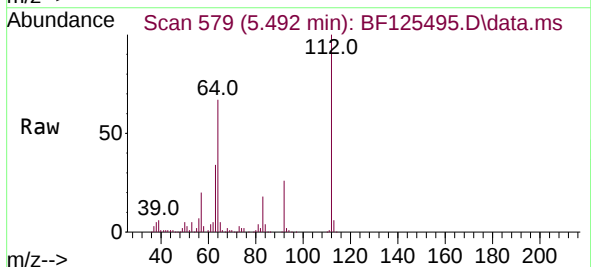
Instrument :
 BNA_F
 ClientSampleId :
 BU-03-091321

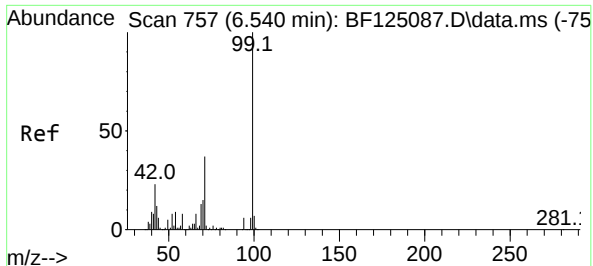
Tgt Ion:152 Resp: 142795
 Ion Ratio Lower Upper
 152 100
 150 154.4 117.6 176.4
 115 61.0 47.1 70.7



#5
 2-Fluorophenol
 Concen: 17.583 ng
 RT: 5.492 min Scan# 579
 Delta R.T. -0.012 min
 Lab File: BF125495.D
 Acq: 15 Sep 2021 2:30

Tgt Ion:112 Resp: 165883
 Ion Ratio Lower Upper
 112 100
 64 67.0 44.2 66.2#
 63 33.8 26.2 39.2

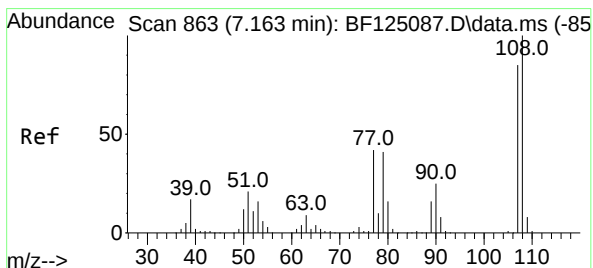
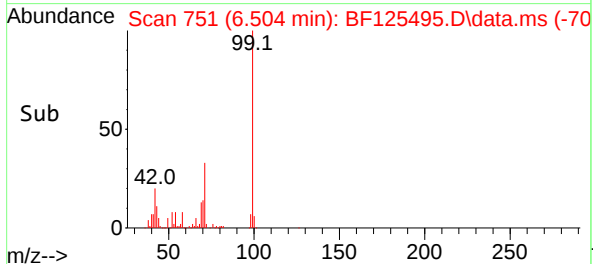
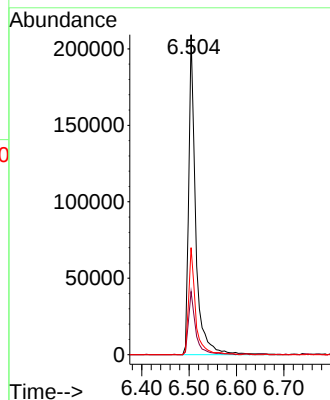
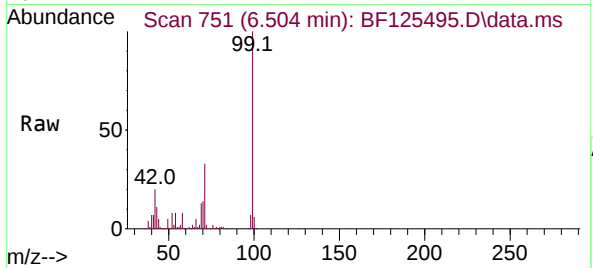




#7
Phenol-d6
Concen: 17.478 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.018 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30

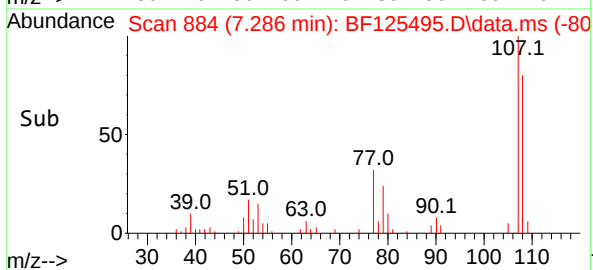
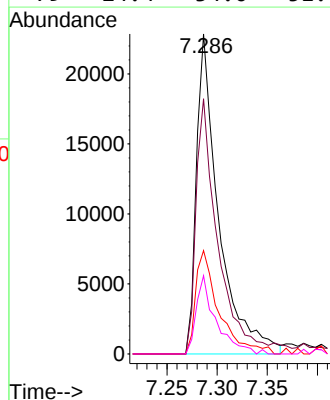
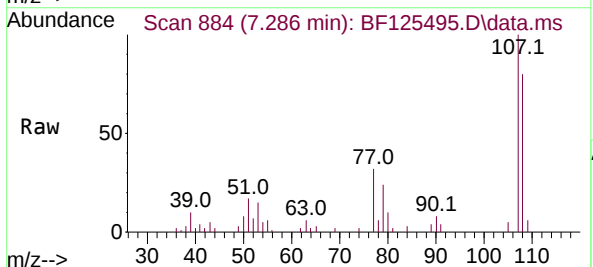
Instrument :
BNA_F
ClientSampleId :
BU-03-091321

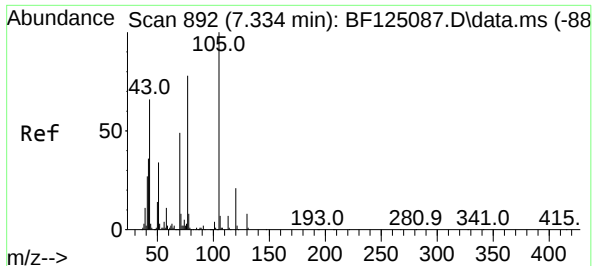
Tgt Ion: 99 Resp: 213251
Ion Ratio Lower Upper
99 100
42 19.8 23.5 35.3#
71 33.4 25.6 38.4



#17
2-Methylphenol
Concen: 4.372 ng
RT: 7.286 min Scan# 884
Delta R.T. 0.147 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30

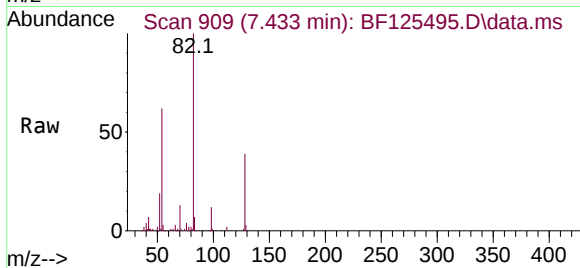
Tgt Ion: 107 Resp: 35342
Ion Ratio Lower Upper
107 100
108 79.8 90.6 135.8#
77 32.3 35.7 53.5#
79 24.4 34.0 51.0#



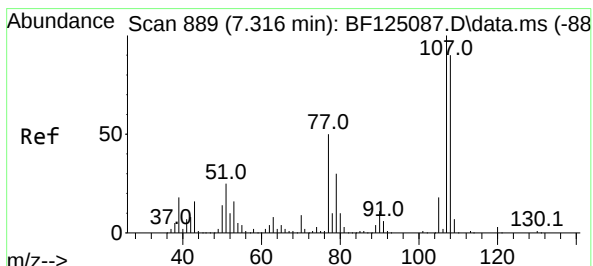
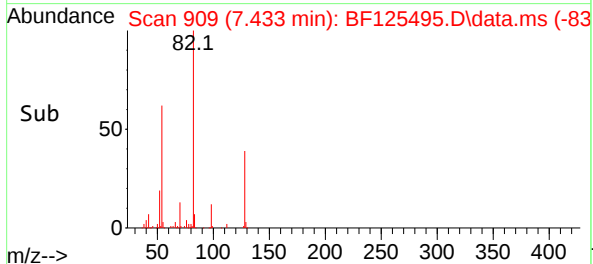
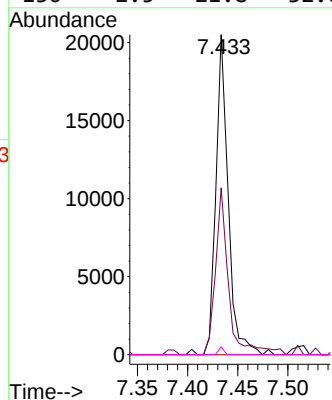


#19
n-Nitroso-di-n-propylamine
Concen: 2.399 ng
RT: 7.433 min Scan# 909
Delta R.T. 0.135 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30

Instrument :
BNA_F
ClientSampleId :
BU-03-091321

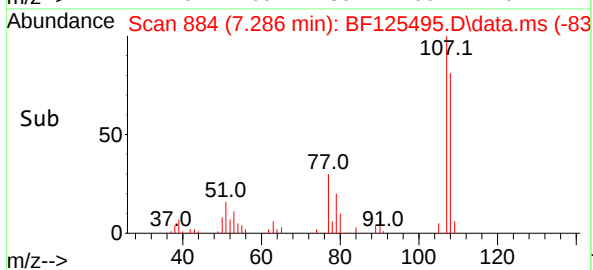
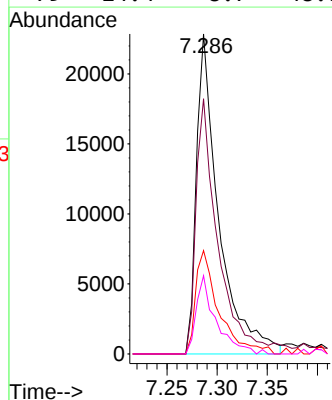
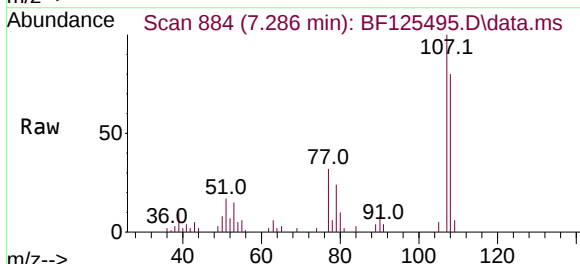


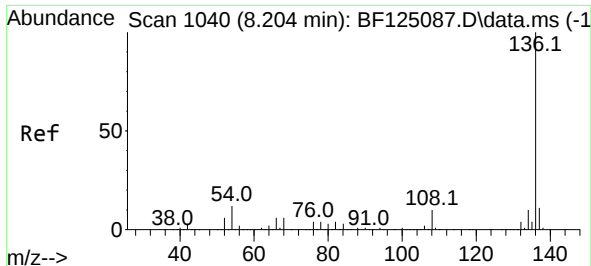
Tgt Ion	Ratio	Lower	Upper
70	100		
42	52.2	72.2	108.2#
101	0.0	7.8	11.8#
130	2.5	21.8	32.6#



#20
3+4-Methylphenols
Concen: 3.483 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30

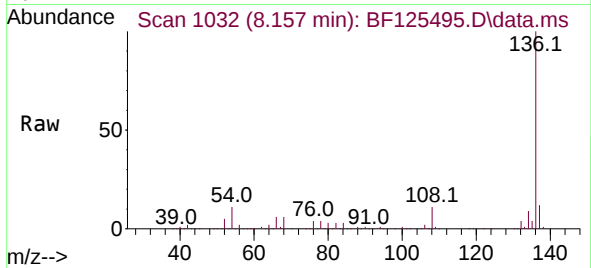
Tgt Ion	Ratio	Lower	Upper
107	100		
108	79.8	76.6	116.6
77	32.3	53.3	93.3#
79	24.4	8.7	48.7



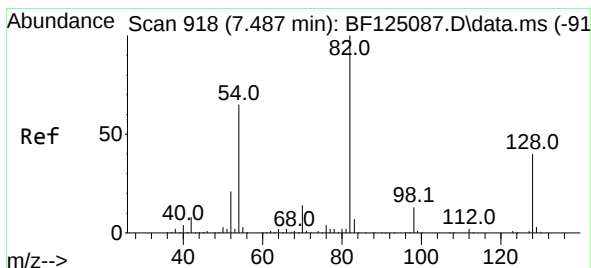
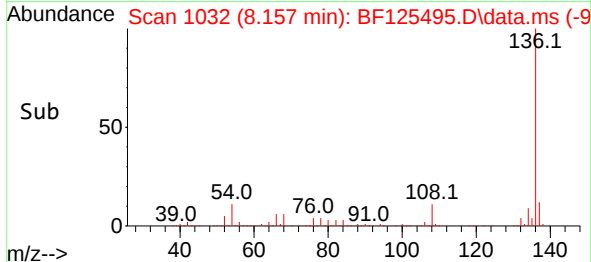
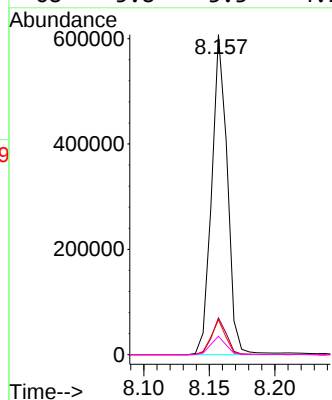


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30

Instrument :
BNA_F
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BU-03-091321

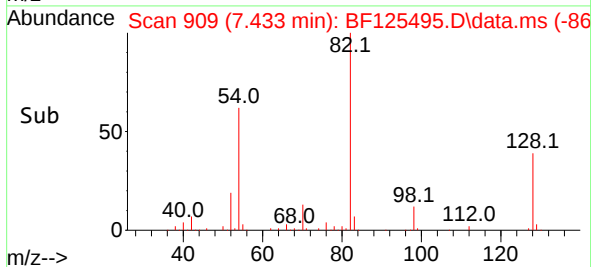
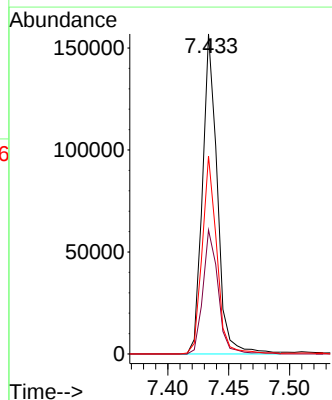
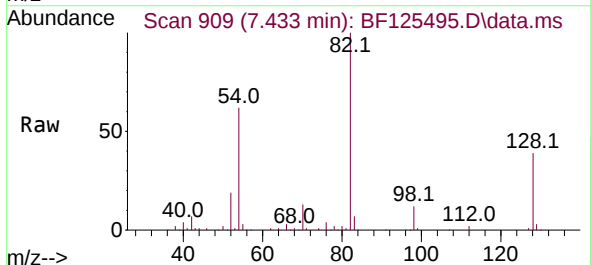


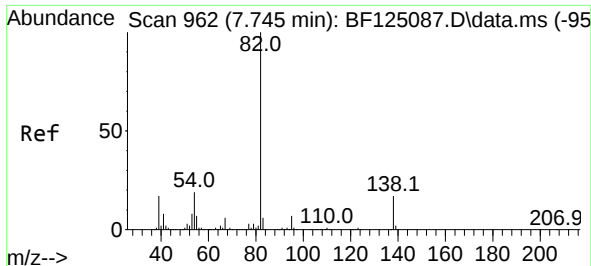
Tgt Ion:136	Resp: 504083
Ion Ratio	Lower Upper
136	100
137	11.5 9.8 14.6
54	11.0 6.4 9.6#
68	5.8 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 13.263 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.018 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30

Tgt Ion: 82	Resp: 132796
Ion Ratio	Lower Upper
82	100
128	38.7 40.6 60.8#
54	61.8 49.6 74.4

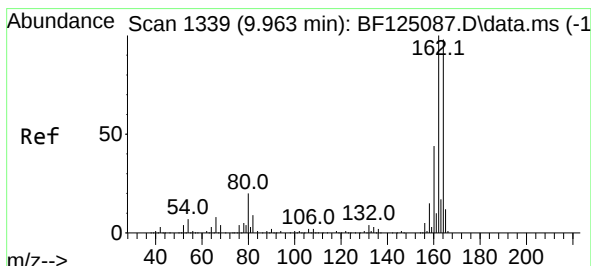
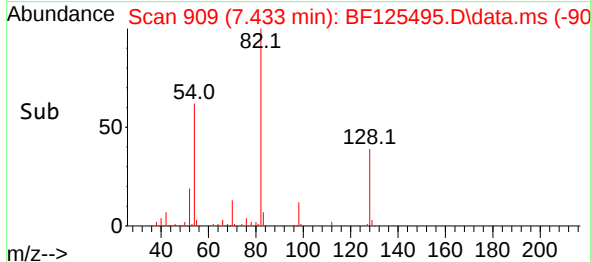
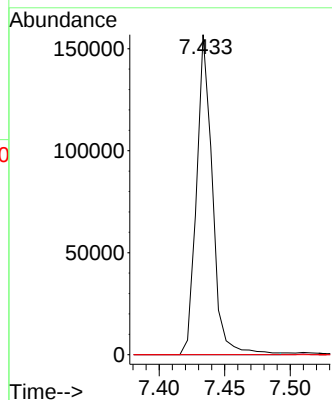
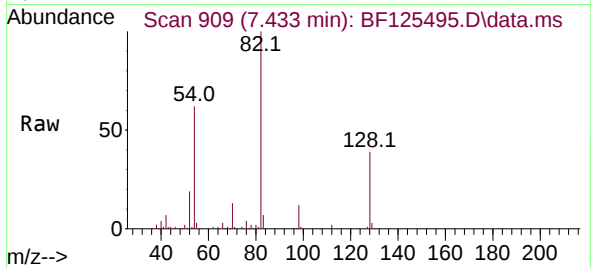




#25
Isophorone
Concen: 6.875 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.271 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30

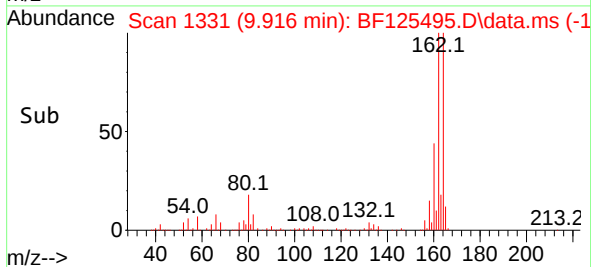
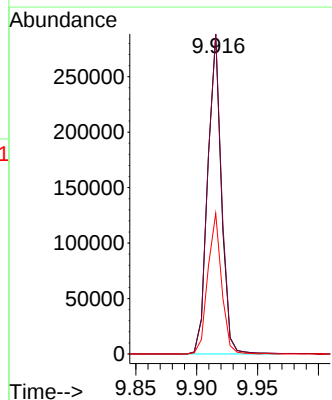
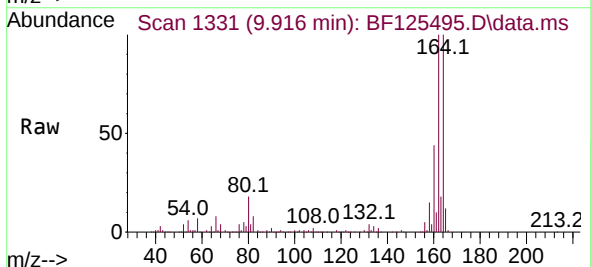
Instrument :
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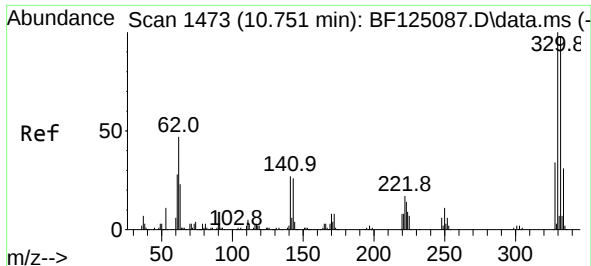
Tgt Ion: 82 Resp: 132794
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30

Tgt Ion: 164 Resp: 224082
Ion Ratio Lower Upper
164 100
162 100.2 81.3 121.9
160 44.0 38.0 57.0

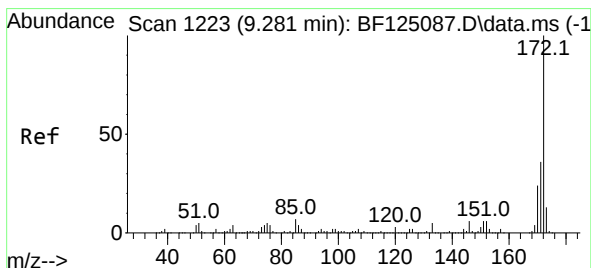
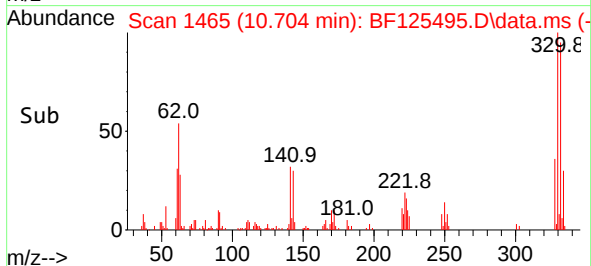
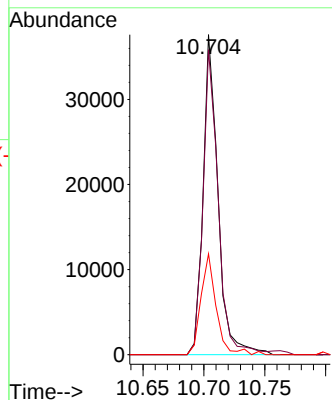
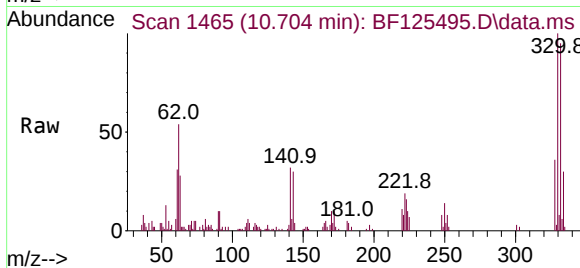




#42
2,4,6-Tribromophenol
Concen: 14.328 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30

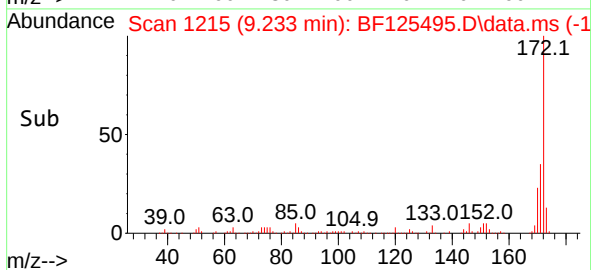
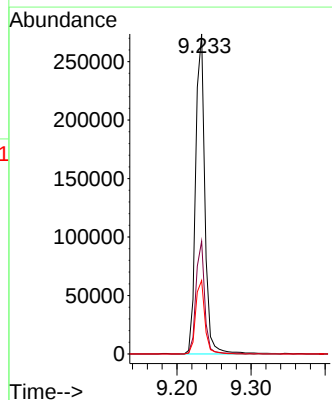
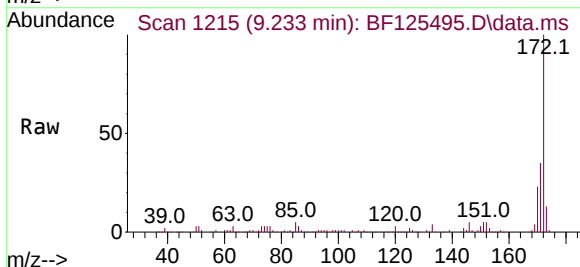
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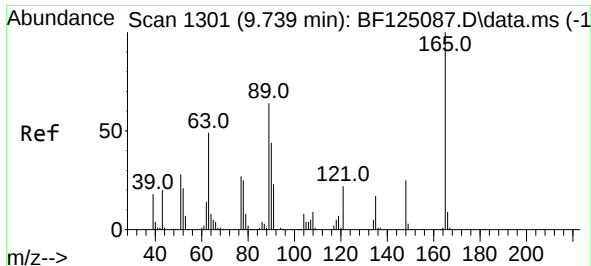
Tgt Ion: 330 Resp: 32049
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 32.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 14.751 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30

Tgt Ion: 172 Resp: 237170
Ion Ratio Lower Upper
172 100
171 35.3 26.5 39.7
170 22.9 18.8 28.2

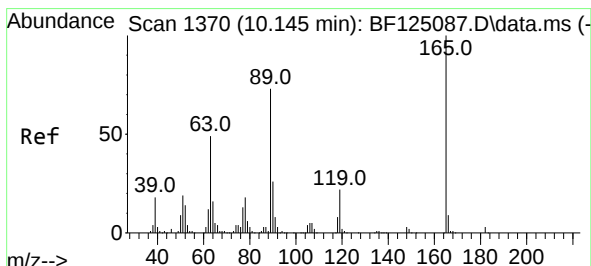
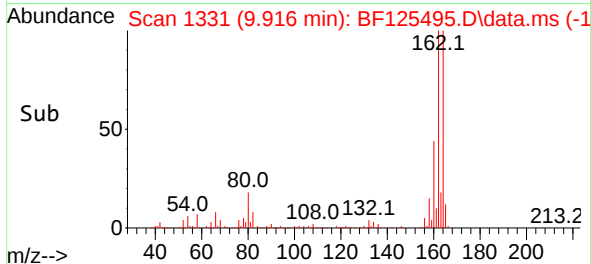
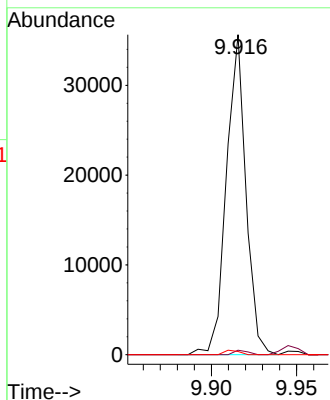
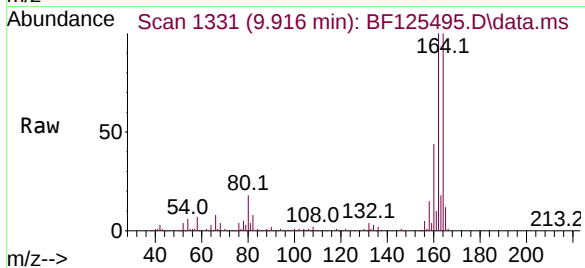




#51
2,6-Dinitrotoluene
Concen: 8.440 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.206 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30

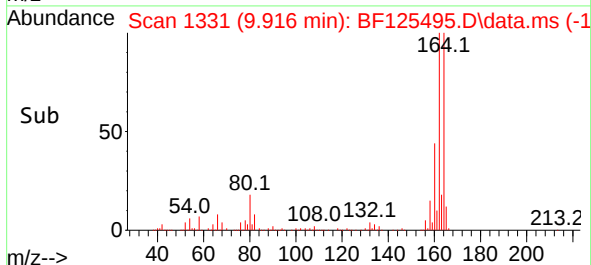
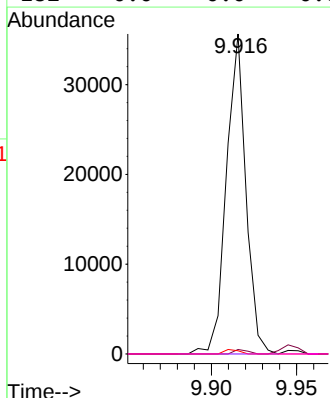
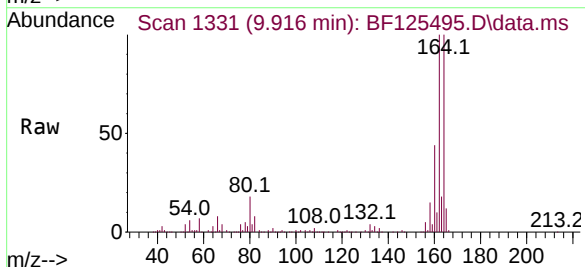
Instrument :
BNA_F
ClientSampleId :
BU-03-091321

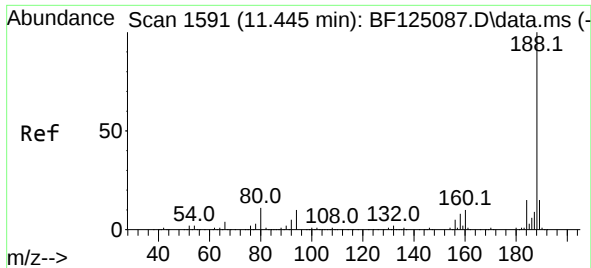
Tgt Ion:165 Resp: 28420
Ion Ratio Lower Upper
165 100
63 1.4 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.974 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.200 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30

Tgt Ion:165 Resp: 28420
Ion Ratio Lower Upper
165 100
63 1.4 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

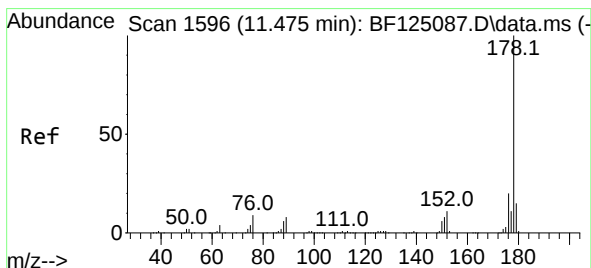
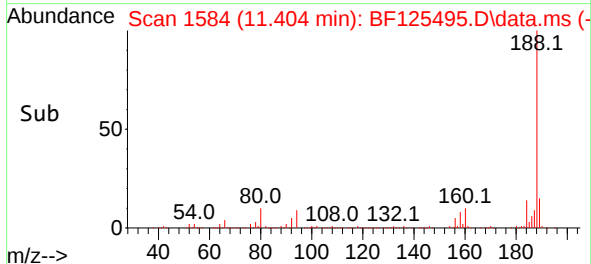
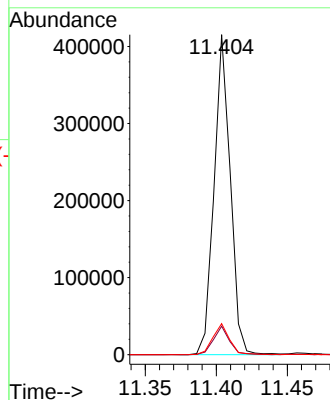
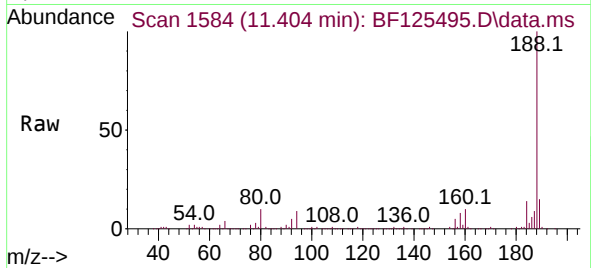




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30

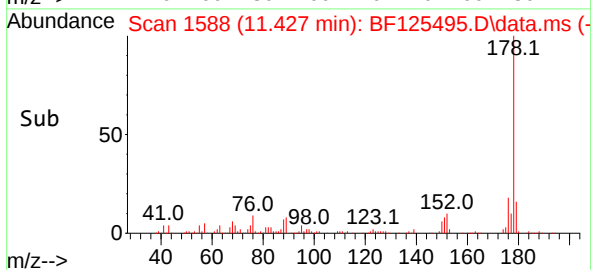
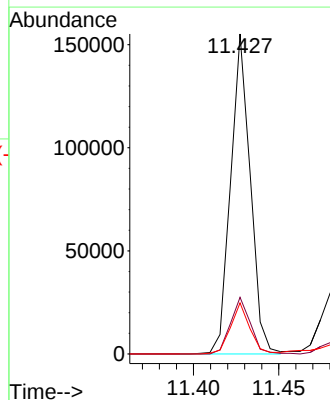
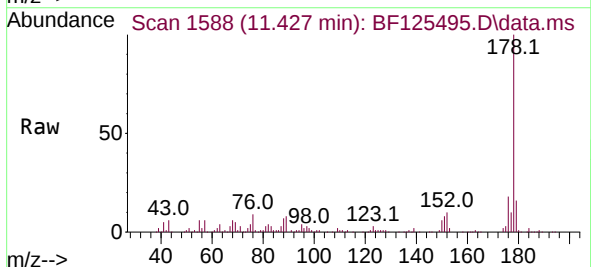
Instrument :
BNA_F
ClientSampleId :
BU-03-091321

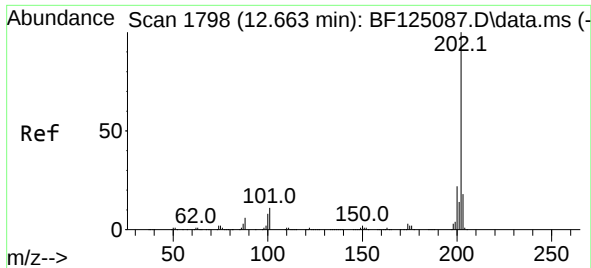
Tgt Ion:188 Resp: 330318
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 9.7 7.5 11.3



#71
Phenanthrene
Concen: 6.843 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.012 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30

Tgt Ion:178 Resp: 124549
Ion Ratio Lower Upper
178 100
176 17.7 14.7 22.1
179 16.0 11.5 17.3

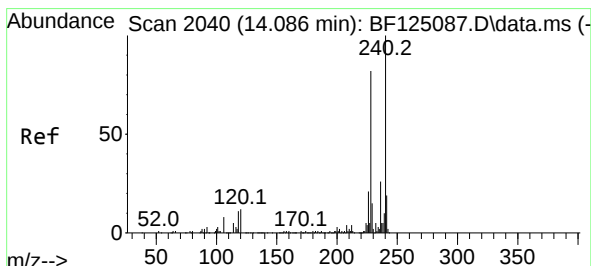
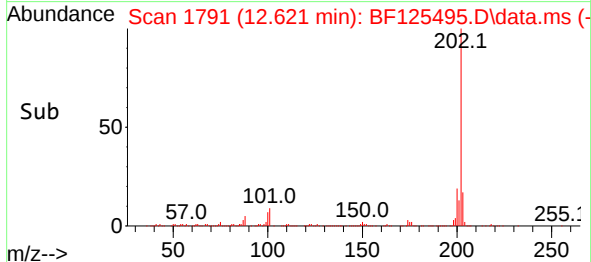
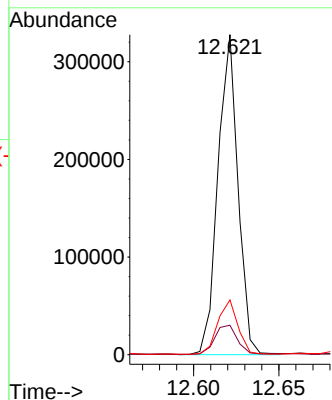
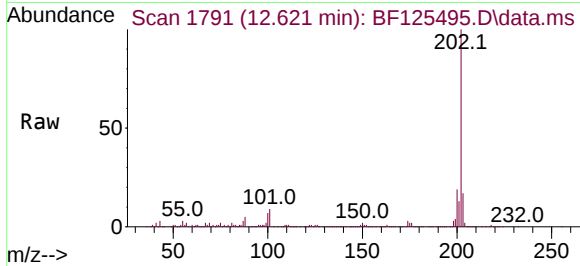




#75
Fluoranthene
Concen: 14.868 ng
RT: 12.621 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30

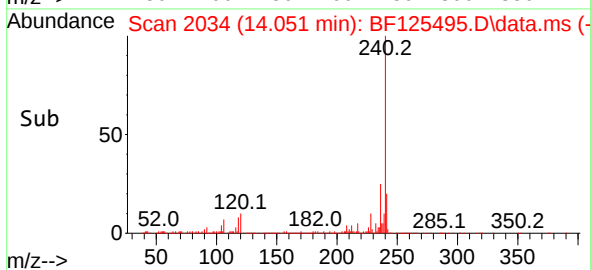
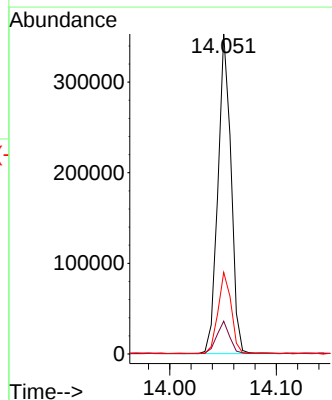
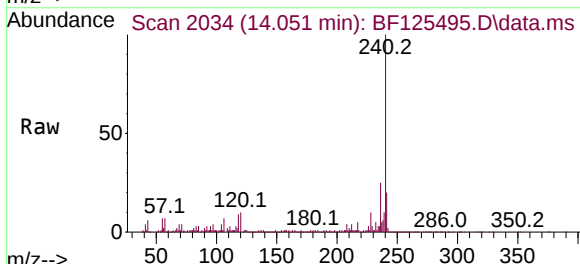
Instrument :
BNA_F
ClientSampleId :
BU-03-091321

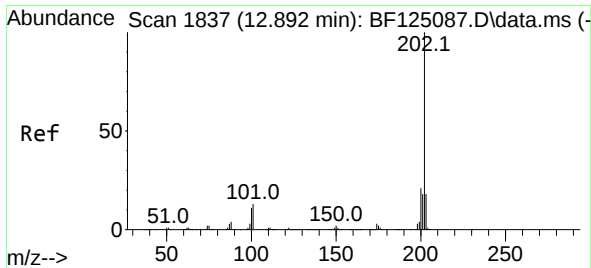
Tgt Ion:202	Resp:	268508
Ion Ratio	Lower	Upper
202	100	
101	9.2	0.0 30.7
203	17.1	0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30

Tgt Ion:240	Resp:	300721
Ion Ratio	Lower	Upper
240	100	
120	10.3	10.8 16.2#
236	25.5	21.6 32.4

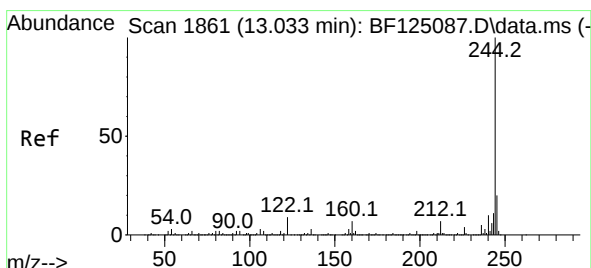
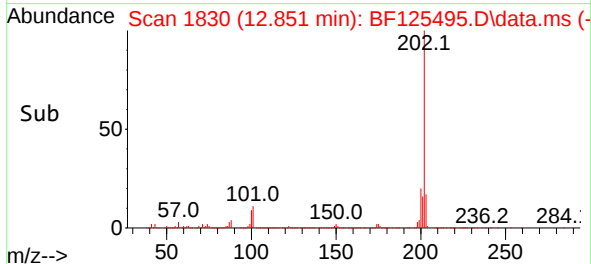
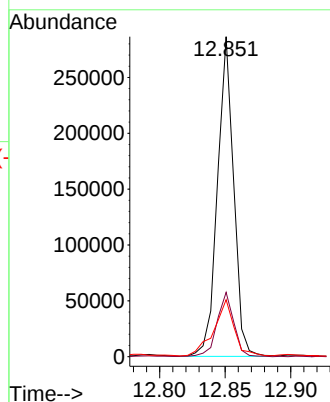
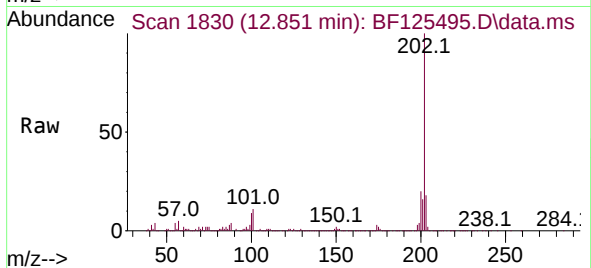




#78
Pyrene
Concen: 9.538 ng
RT: 12.851 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30

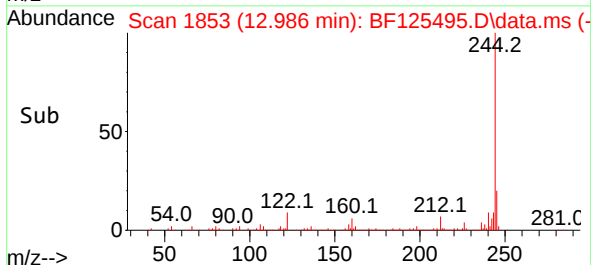
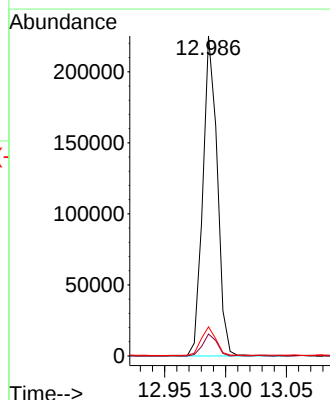
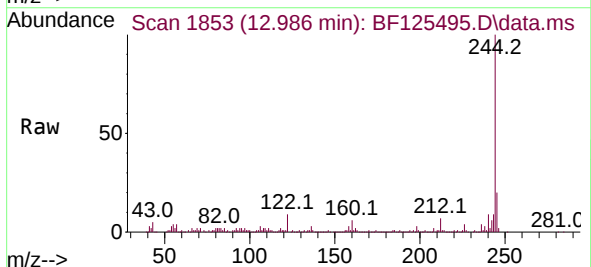
Instrument :
BNA_F
ClientSampleId :
BU-03-091321

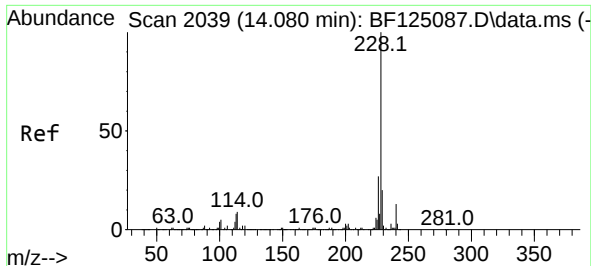
Tgt Ion:	202	Resp:	246039
Ion Ratio	Lower	Upper	
202	100		
200	20.1	15.3	22.9
203	17.8	13.4	20.0



#79
Terphenyl-d14
Concen: 9.847 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.012 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30

Tgt Ion:	244	Resp:	185883
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.9	8.9
122	9.1	9.0	13.4

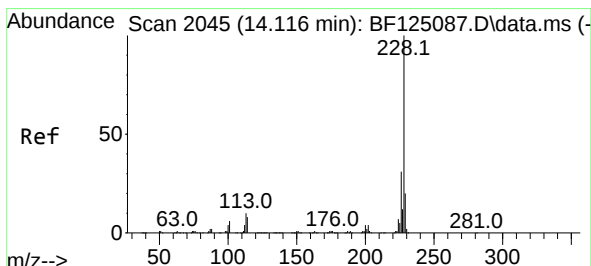
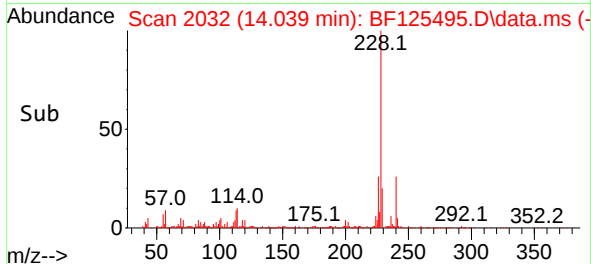
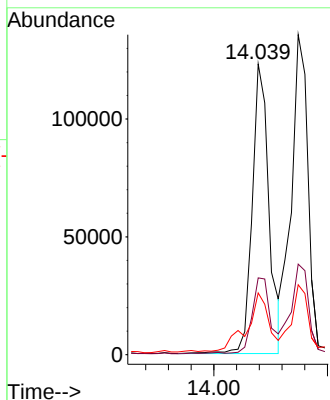
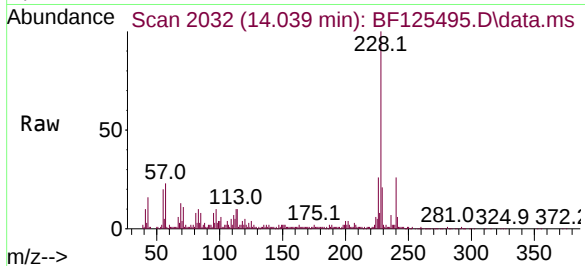




#81
Benzo(a)anthracene
Concen: 5.823 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30

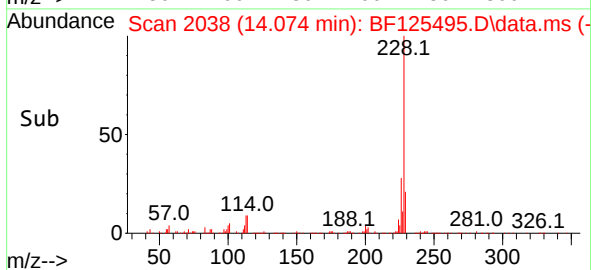
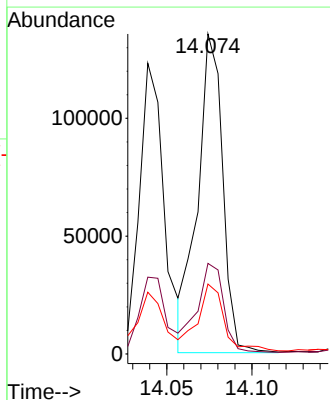
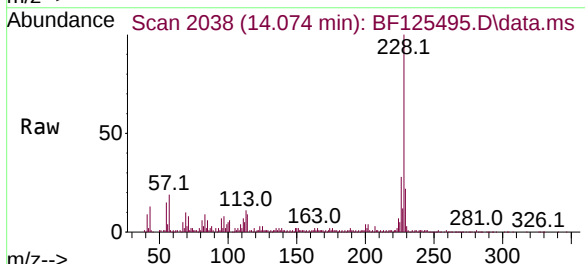
Instrument :
BNA_F
ClientSampleId :
BU-03-091321

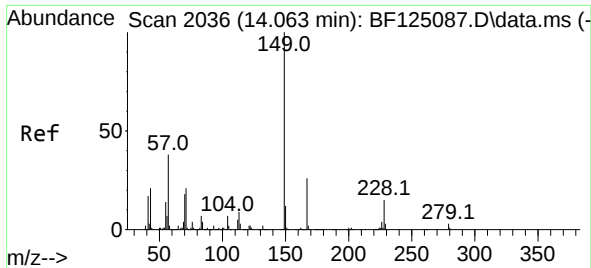
Tgt Ion:228	Resp:	126173
Ion Ratio	Lower	Upper
228	100	
226	26.4	21.6 32.4
229	21.2	15.6 23.4



#83
Chrysene
Concen: 6.457 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30

Tgt Ion:228	Resp:	138367
Ion Ratio	Lower	Upper
228	100	
226	28.3	22.6 34.0
229	21.8	15.9 23.9

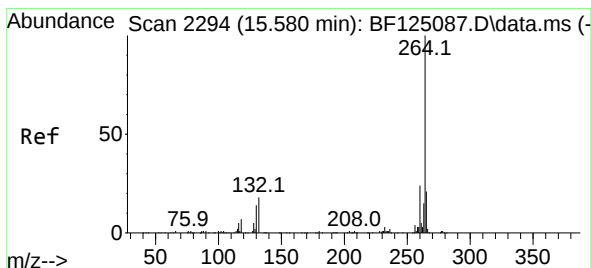
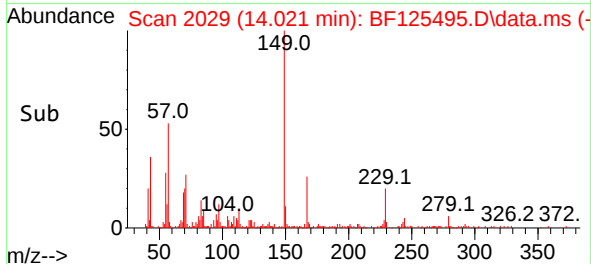
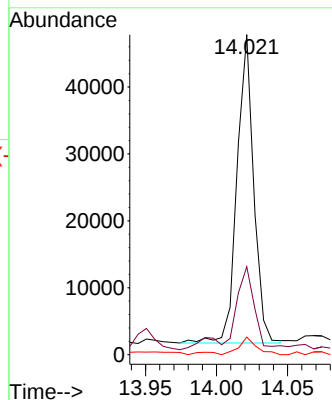
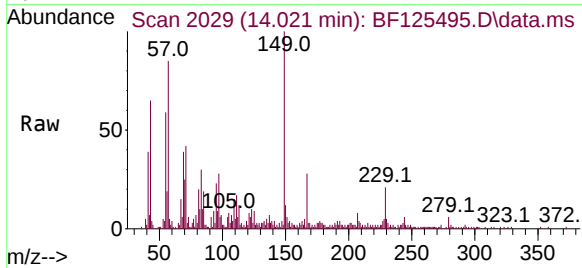




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.717 ng
 RT: 14.021 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: BF125495.D
 Acq: 15 Sep 2021 2:30

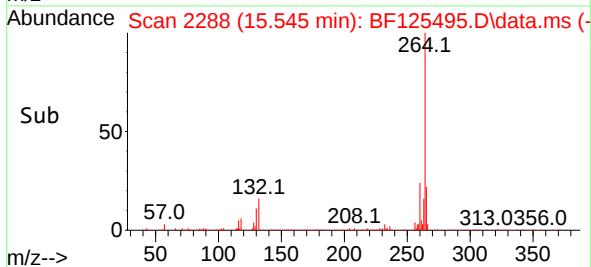
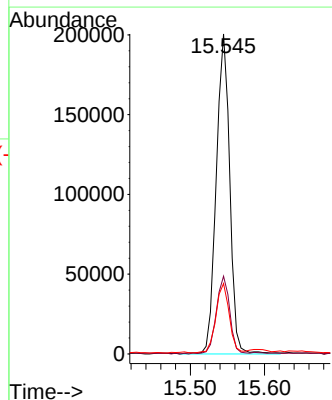
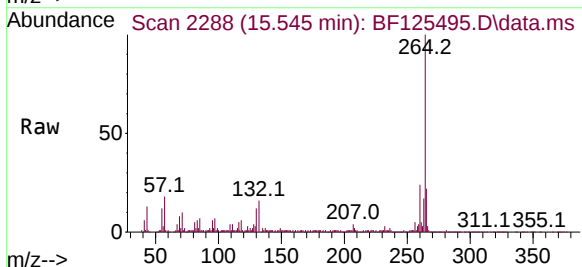
Instrument :
 BNA_F
 ClientSampleId :
 BU-03-091321

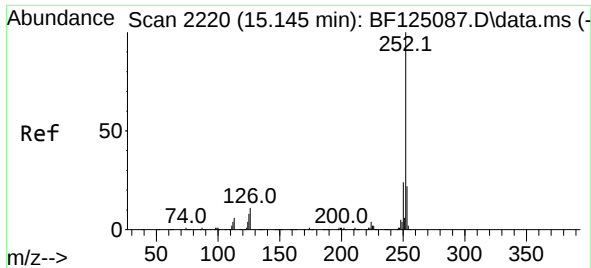
Tgt Ion:149 Resp: 37858
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.4 32.0
 279 5.5 2.6 4.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. -0.006 min
 Lab File: BF125495.D
 Acq: 15 Sep 2021 2:30

Tgt Ion:264 Resp: 253526
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.6 29.4
 265 22.0 17.2 25.8

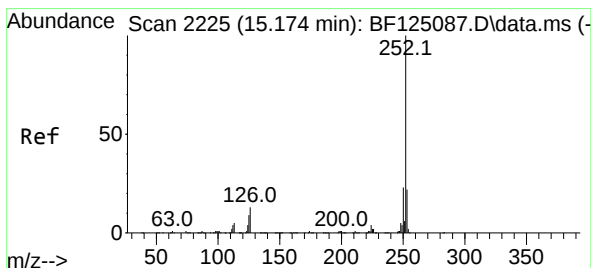
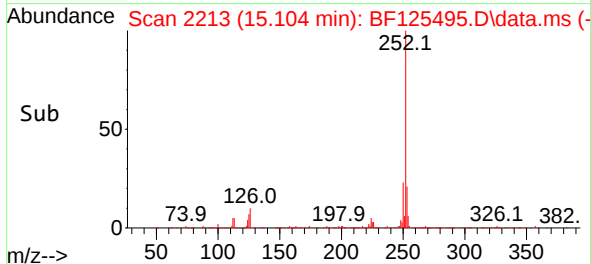
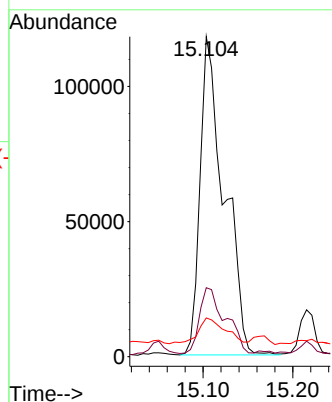
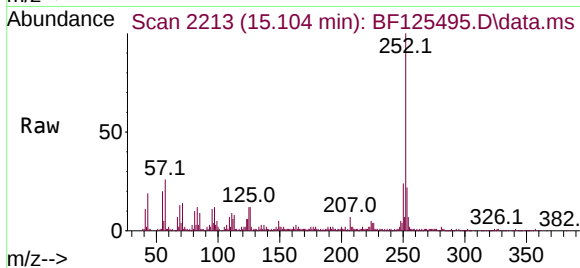




#88
Benzo(b)fluoranthene
Concen: 11.895 ng
RT: 15.104 min Scan# 2213
Delta R.T. -0.012 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30

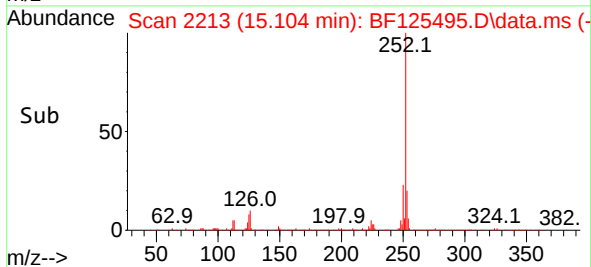
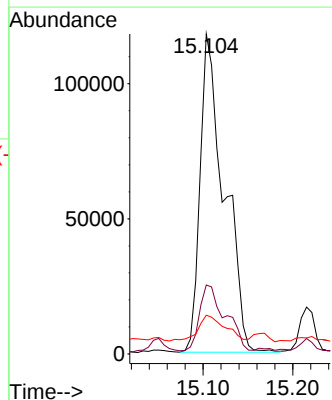
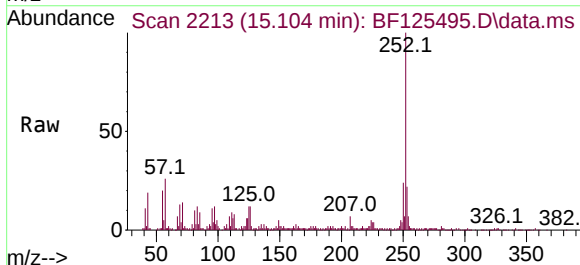
Instrument :
BNA_F
ClientSampleId :
BU-03-091321

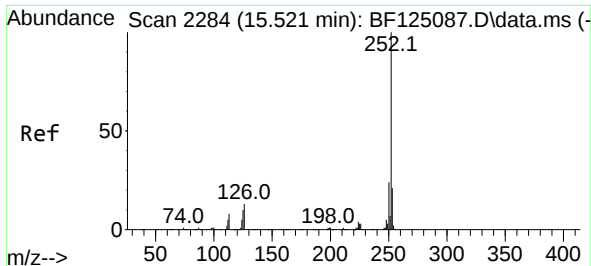
Tgt Ion:252	Resp:	220319
Ion Ratio	Lower	Upper
252	100	
253	21.5	16.8 25.2
125	12.1	9.8 14.8



#89
Benzo(k)fluoranthene
Concen: 12.747 ng
RT: 15.104 min Scan# 2213
Delta R.T. -0.041 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30

Tgt Ion:252	Resp:	220319
Ion Ratio	Lower	Upper
252	100	
253	21.5	17.8 26.8
125	12.1	7.2 10.8#

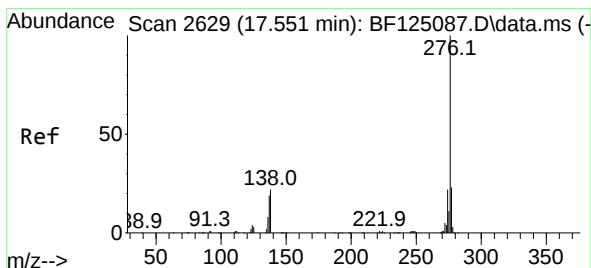
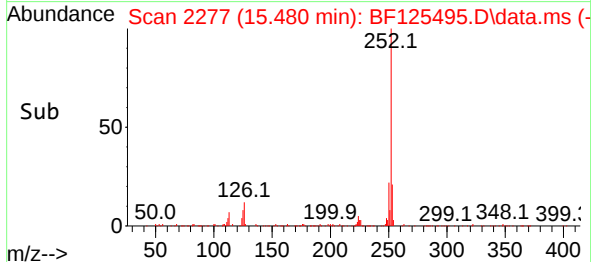
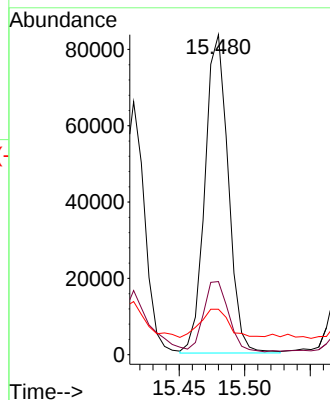
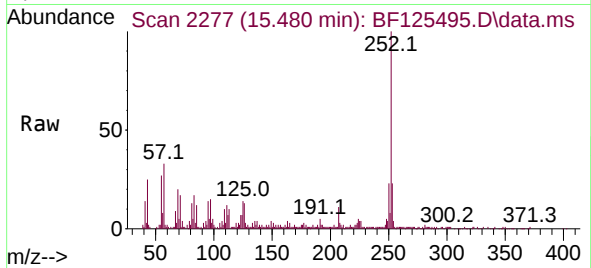




#90
Benzo(a)pyrene
Concen: 6.313 ng
RT: 15.480 min Scan# 2277
Delta R.T. -0.006 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30

Instrument :
BNA_F
ClientSampleId :
BU-03-091321

Tgt Ion:252 Resp: 103293
Ion Ratio Lower Upper
252 100
253 22.9 18.4 27.6
125 14.2 9.9 14.9



#92
Benzo(g,h,i)perylene
Concen: 3.515 ng
RT: 17.497 min Scan# 2620
Delta R.T. -0.024 min
Lab File: BF125495.D
Acq: 15 Sep 2021 2:30

Tgt Ion:276 Resp: 53504
Ion Ratio Lower Upper
276 100
277 25.3 22.0 33.0
138 21.6 22.2 33.4#

