

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090121\
 Data File : BF125314.D
 Acq On : 1 Sep 2021 19:14
 Operator : JU/CG
 Sample : M3577-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 191-0827-B1-0-2

Quant Time: Sep 02 08:17:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 12:39:21 2021
 Response via : Initial Calibration

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

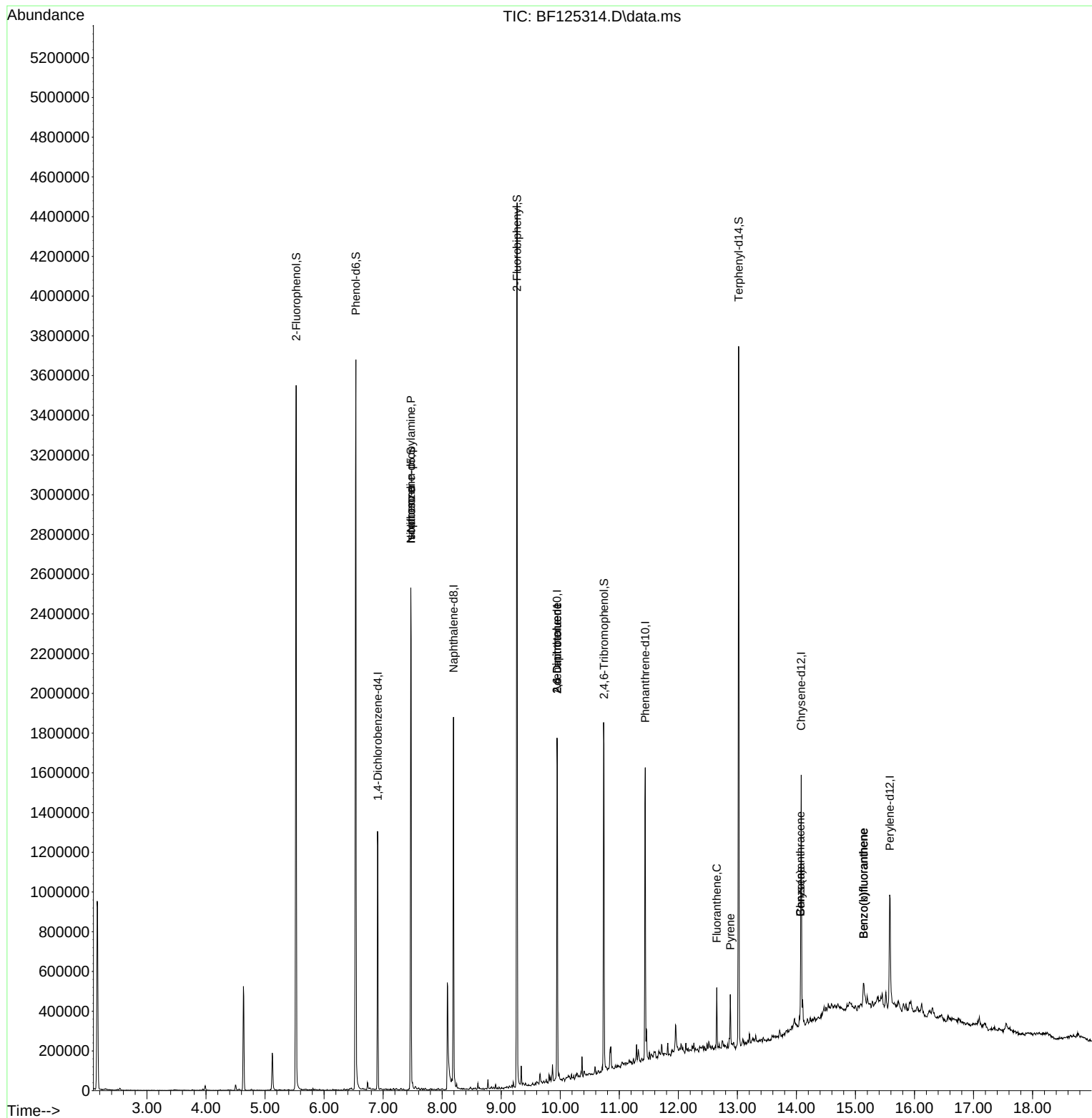
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	189252	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	735589	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	372084	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	552407	20.000	ng	0.00
76) Chrysene-d12	14.080	240	410617	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	267701	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	888712	71.077	ng	0.00
7) Phenol-d6	6.539	99	1236123	76.441	ng	0.00
23) Nitrobenzene-d5	7.469	82	807119	55.240	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	232005	62.464	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1446567	54.185	ng	0.00
79) Terphenyl-d14	13.021	244	1207754	46.858	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.469	70	108497	11.155	ng	# 57
25) Isophorone	7.469	82	807109	28.634	ng	# 59
51) 2,6-Dinitrotoluene	9.945	165	49009	8.766	ng	# 28
57) 2,4-Dinitrotoluene	9.945	165	49009	7.242	ng	# 20
75) Fluoranthene	12.651	202	110335	3.653	ng	96
78) Pyrene	12.880	202	100417	2.851	ng	96
81) Benzo(a)anthracene	14.068	228	63688	2.153	ng	98
83) Chrysene	14.068	228	63688	2.177	ng	99
88) Benzo(b)fluoranthene	15.139	252	74946	3.832	ng	# 89
89) Benzo(k)fluoranthene	15.139	252	74946	4.107	ng	# 88

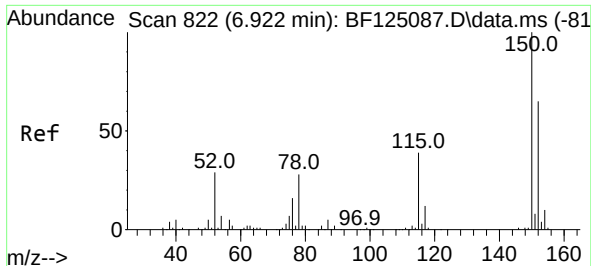
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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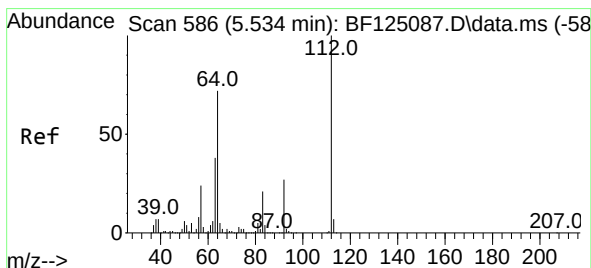
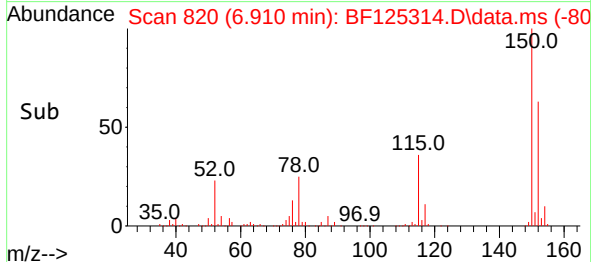
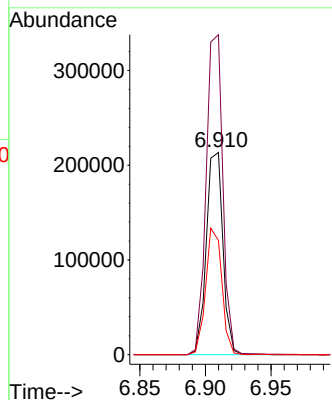
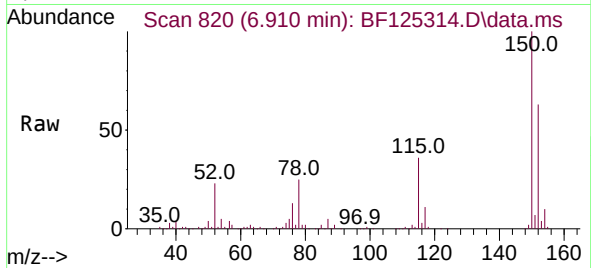




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF125314.D
Acq: 1 Sep 2021 19:14

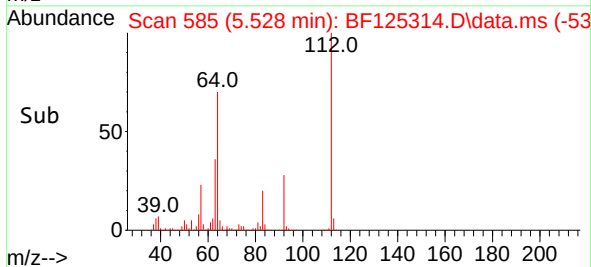
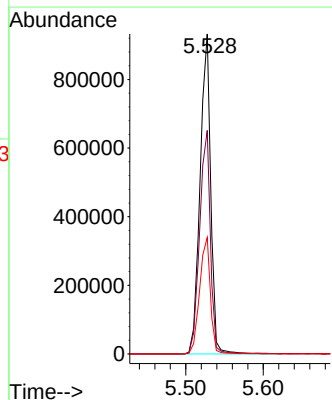
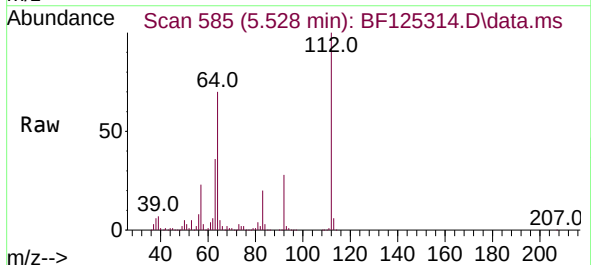
Instrument :
BNA_F
ClientSampleId :
191-0827-B1-0-2

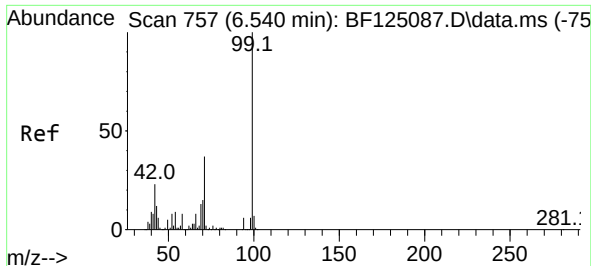
Tgt Ion:152 Resp: 189252
Ion Ratio Lower Upper
152 100
150 158.2 117.6 176.4
115 56.5 47.1 70.7



#5
2-Fluorophenol
Concen: 71.077 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.000 min
Lab File: BF125314.D
Acq: 1 Sep 2021 19:14

Tgt Ion:112 Resp: 888712
Ion Ratio Lower Upper
112 100
64 69.8 44.2 66.2#
63 36.4 26.2 39.2

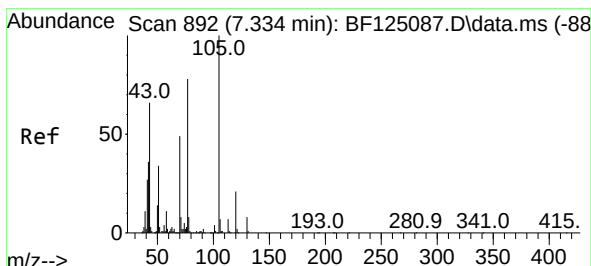
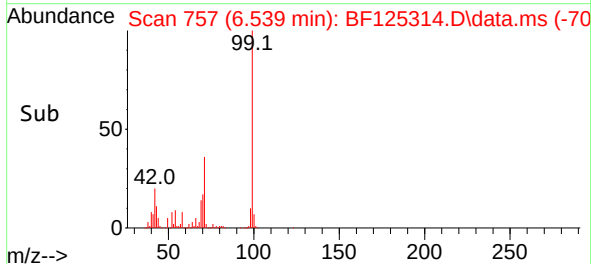
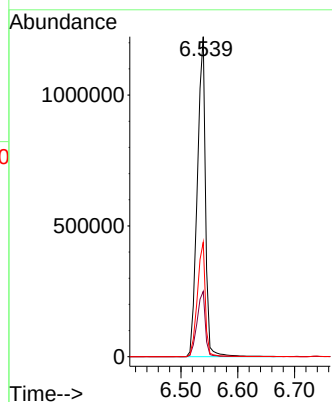
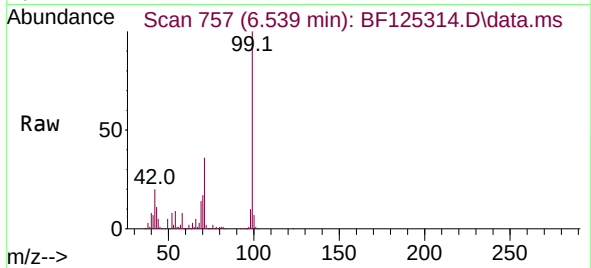




#7
Phenol-d6
Concen: 76.441 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF125314.D
Acq: 1 Sep 2021 19:14

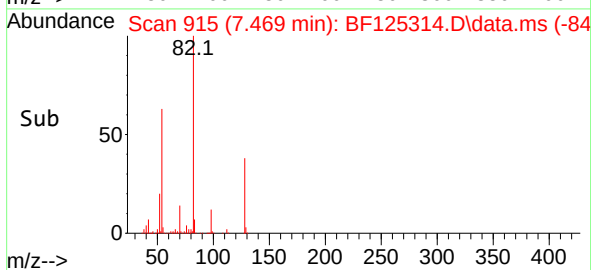
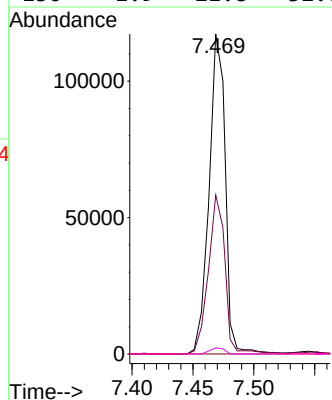
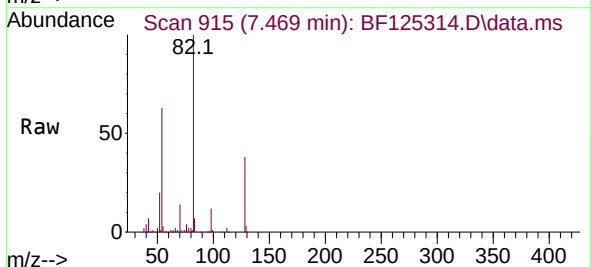
Instrument :
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ClientSampleId :
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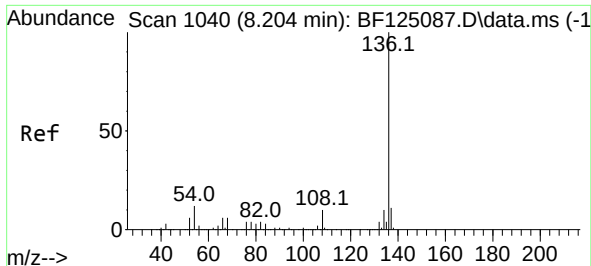
Tgt Ion: 99 Resp: 1236123
Ion Ratio Lower Upper
99 100
42 20.4 23.5 35.3#
71 35.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.155 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.141 min
Lab File: BF125314.D
Acq: 1 Sep 2021 19:14

Tgt Ion: 70 Resp: 108497
Ion Ratio Lower Upper
70 100
42 49.7 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#

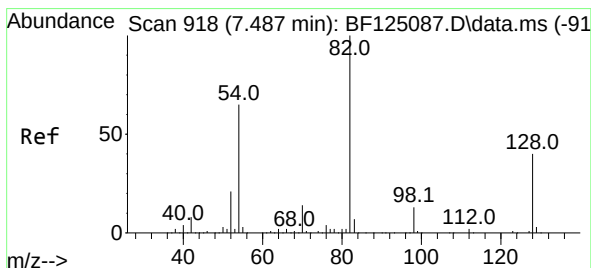
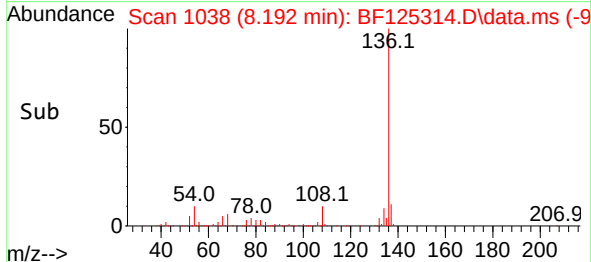
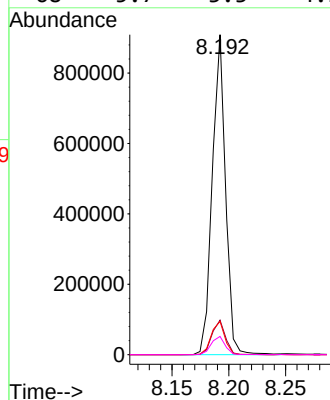
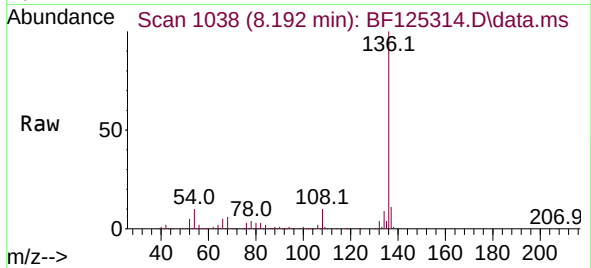




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF125314.D
Acq: 1 Sep 2021 19:14

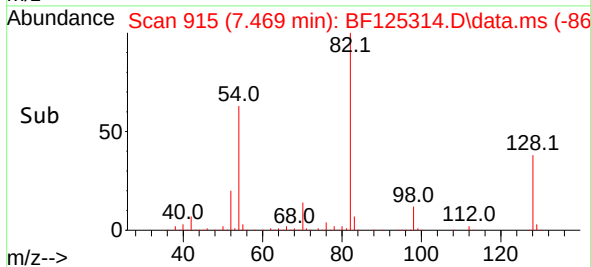
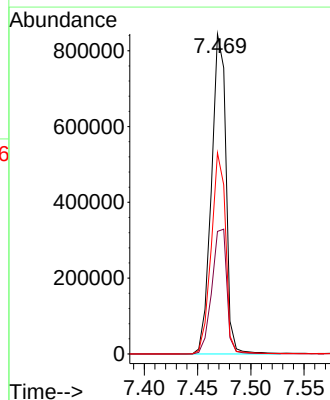
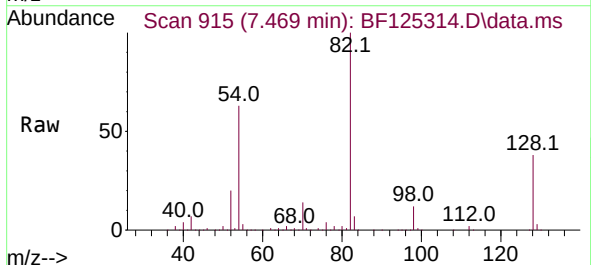
Instrument :
BNA_F
ClientSampleId :
191-0827-B1-0-2

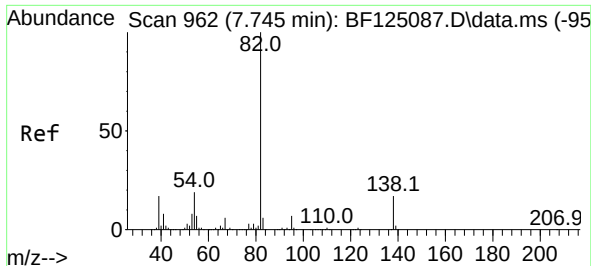
Tgt Ion:	136	Resp:	735589
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.8	14.6
54	10.4	6.4	9.6#
68	5.7	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 55.240 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.012 min
Lab File: BF125314.D
Acq: 1 Sep 2021 19:14

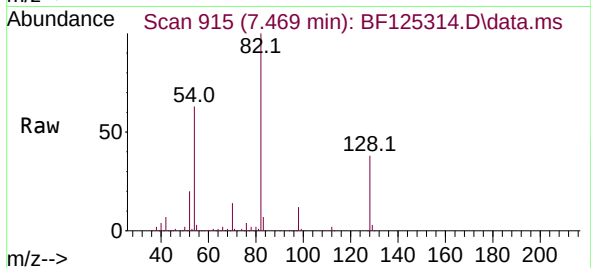
Tgt Ion:	82	Resp:	807119
Ion	Ratio	Lower	Upper
82	100		
128	38.3	40.6	60.8#
54	62.8	49.6	74.4



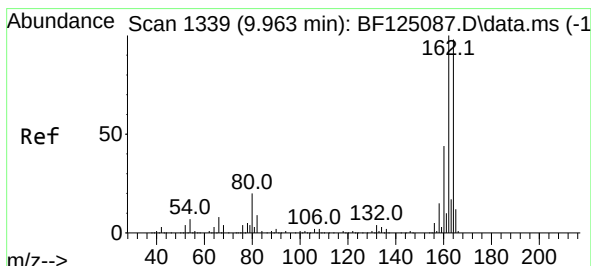
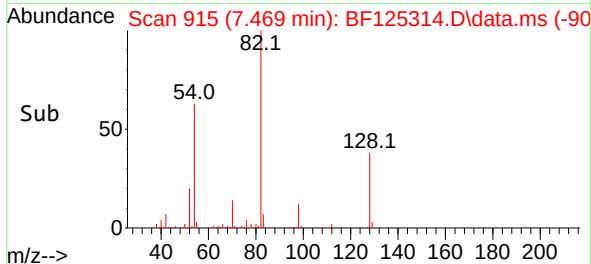
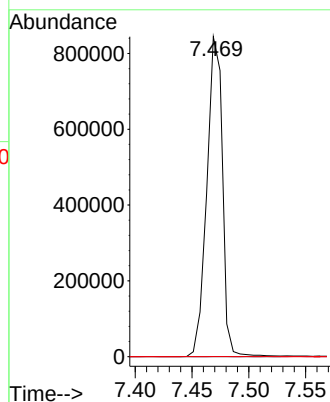


#25
Isophorone
Concen: 28.634 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.265 min
Lab File: BF125314.D
Acq: 1 Sep 2021 19:14

Instrument :
BNA_F
ClientSampleId :
191-0827-B1-0-2

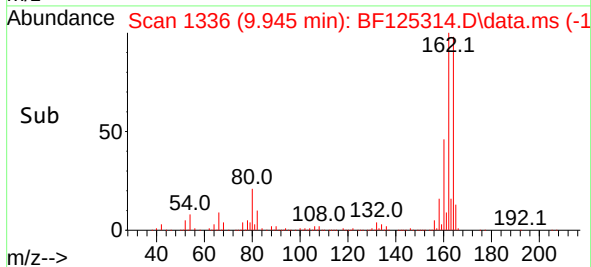
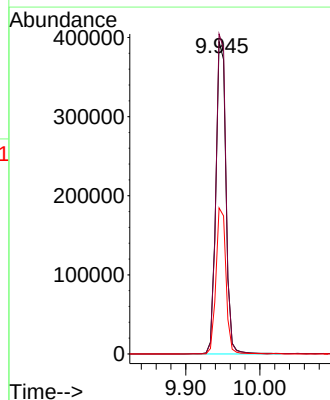
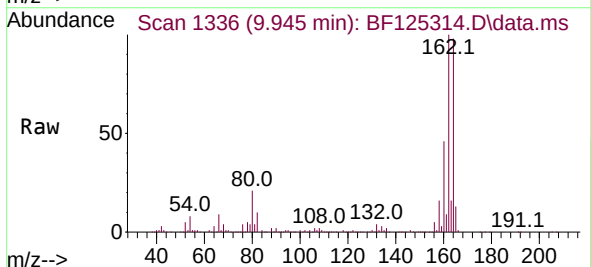


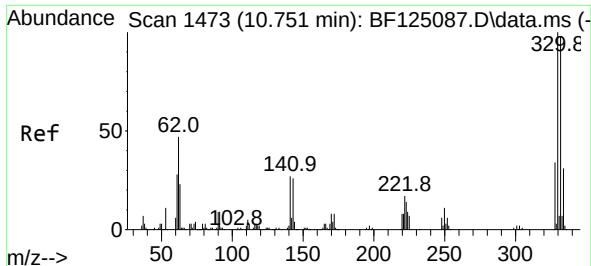
Tgt Ion: 82 Resp: 807109
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF125314.D
Acq: 1 Sep 2021 19:14

Tgt Ion: 164 Resp: 372084
Ion Ratio Lower Upper
164 100
162 102.5 81.3 121.9
160 46.8 38.0 57.0

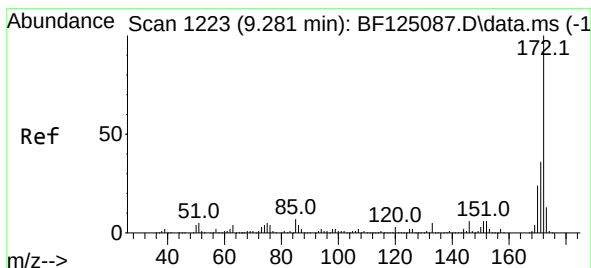
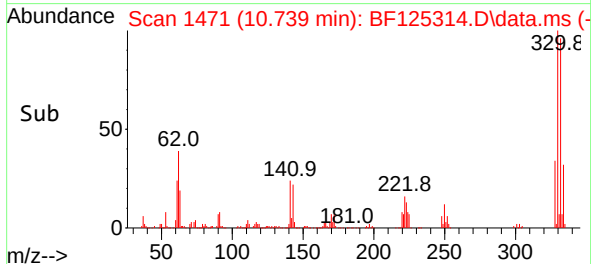
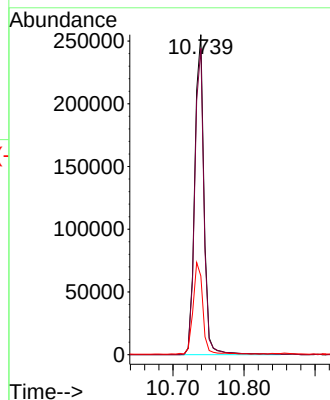
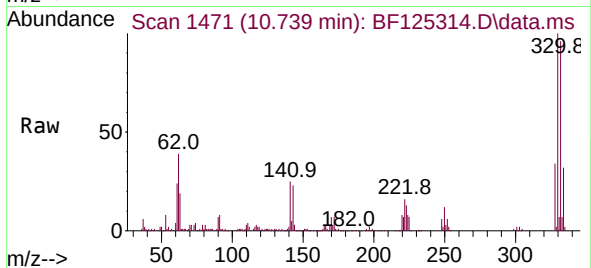




#42
2,4,6-Tribromophenol
Concen: 62.464 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BF125314.D
Acq: 1 Sep 2021 19:14

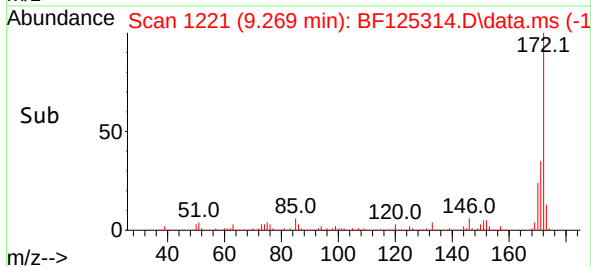
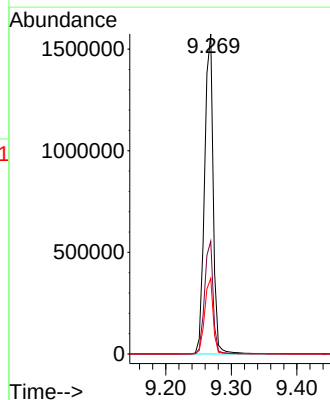
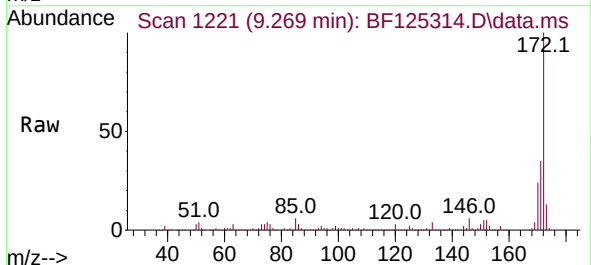
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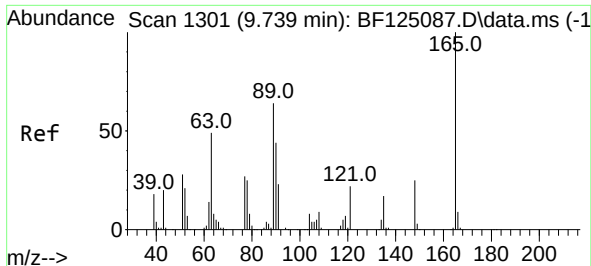
Tgt Ion:330 Resp: 232005
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 29.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 54.185 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125314.D
Acq: 1 Sep 2021 19:14

Tgt Ion:172 Resp: 1446567
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 23.7 18.8 28.2

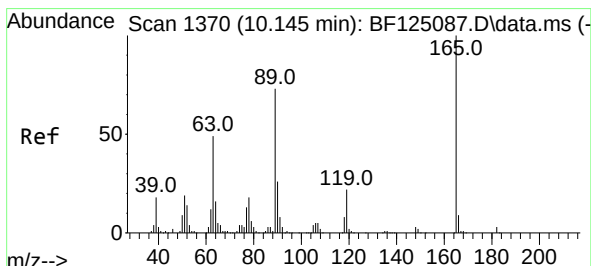
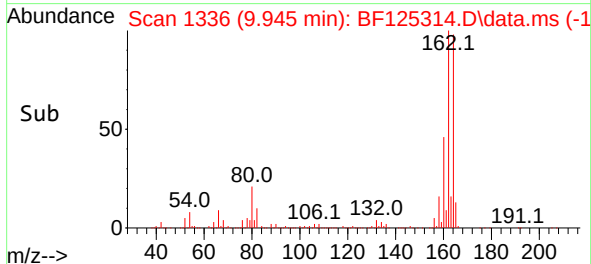
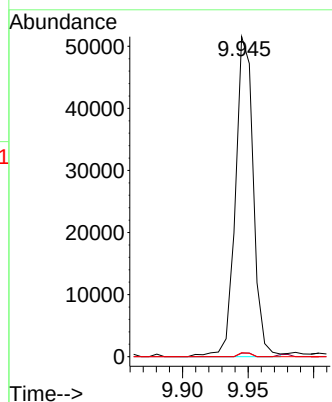
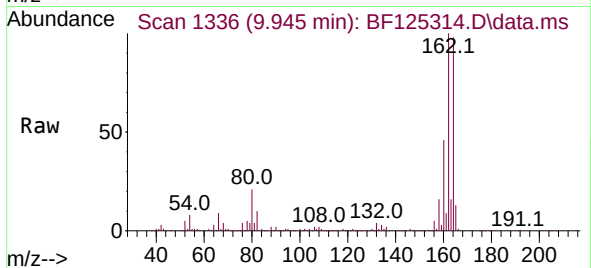




#51
2,6-Dinitrotoluene
Concen: 8.766 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.212 min
Lab File: BF125314.D
Acq: 1 Sep 2021 19:14

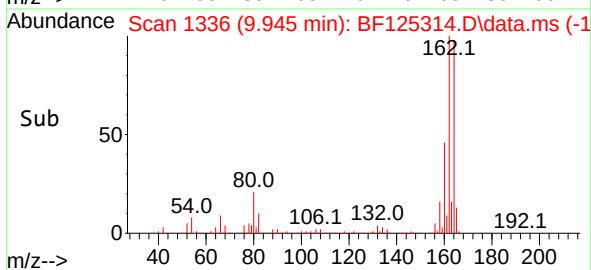
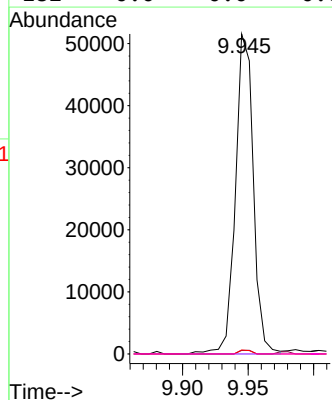
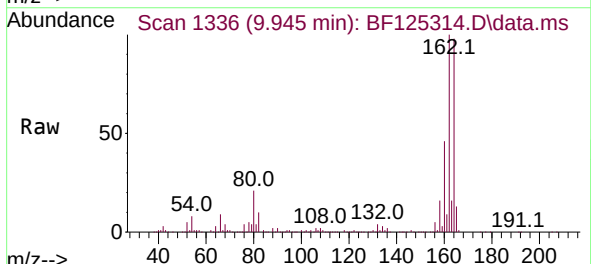
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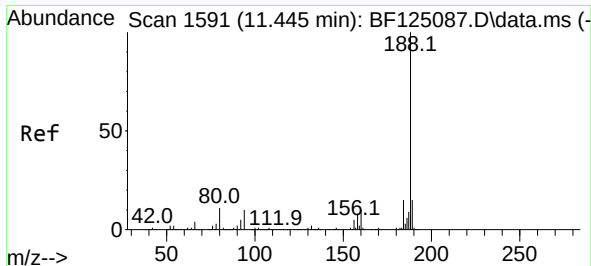
Tgt Ion:165 Resp: 49009
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.242 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.188 min
Lab File: BF125314.D
Acq: 1 Sep 2021 19:14

Tgt Ion:165 Resp: 49009
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

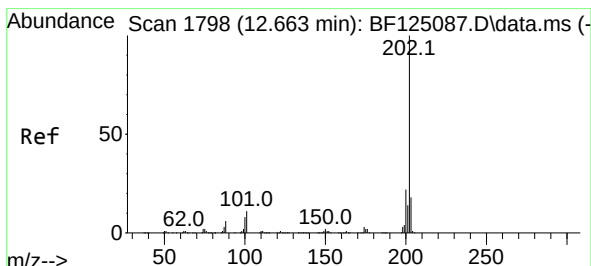
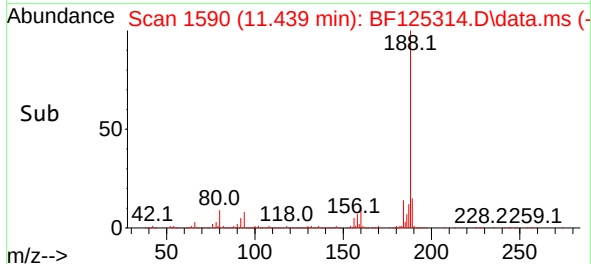
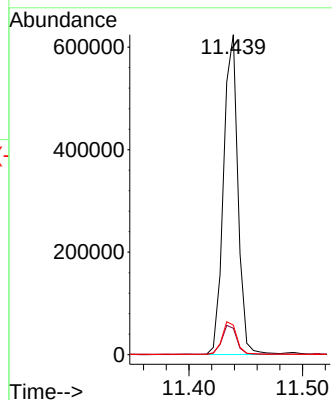
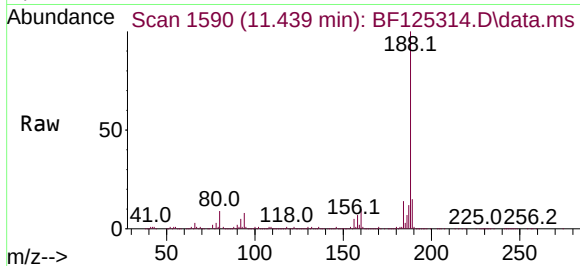




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF125314.D
Acq: 1 Sep 2021 19:14

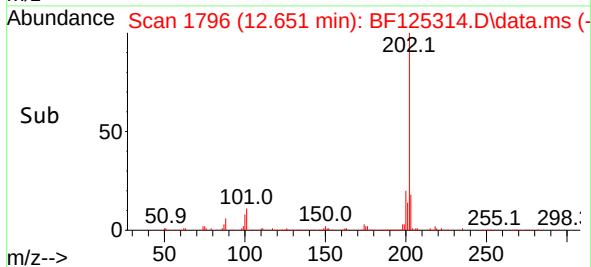
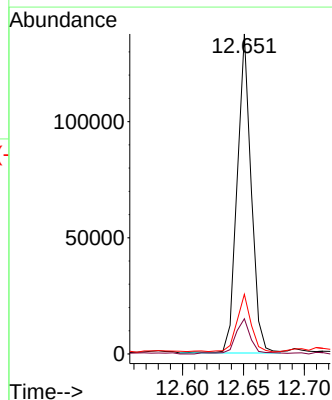
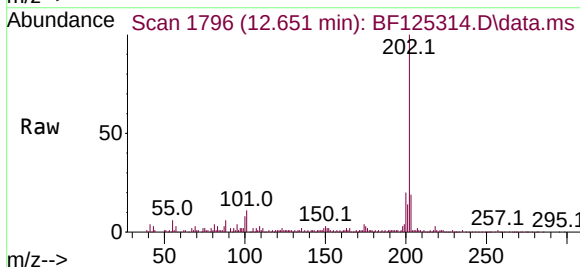
Instrument :
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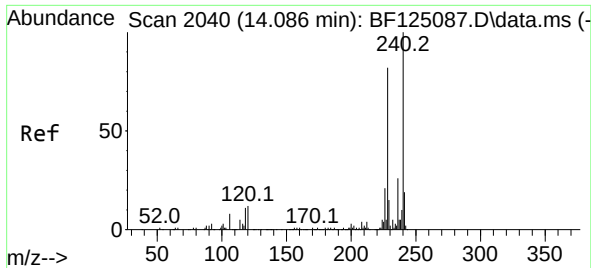
Tgt Ion:188 Resp: 552407
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 9.2 7.5 11.3



#75
Fluoranthene
Concen: 3.653 ng
RT: 12.651 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF125314.D
Acq: 1 Sep 2021 19:14

Tgt Ion:202 Resp: 110335
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.7
203 18.7 0.0 36.3

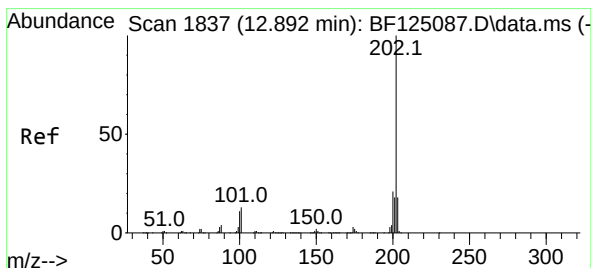
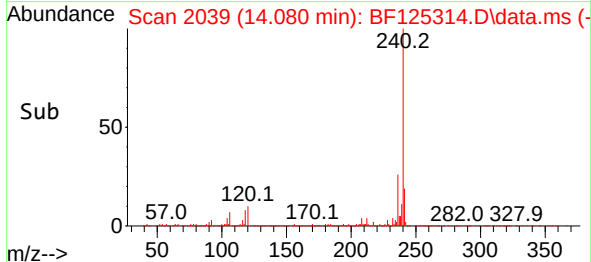
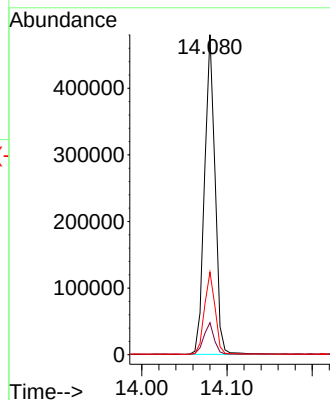
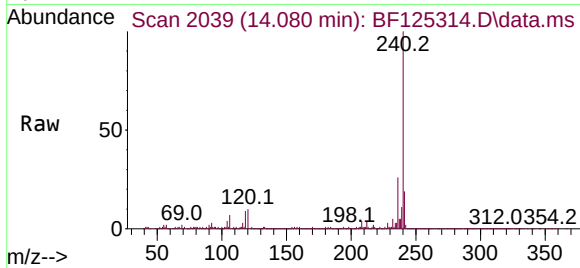




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF125314.D
Acq: 1 Sep 2021 19:14

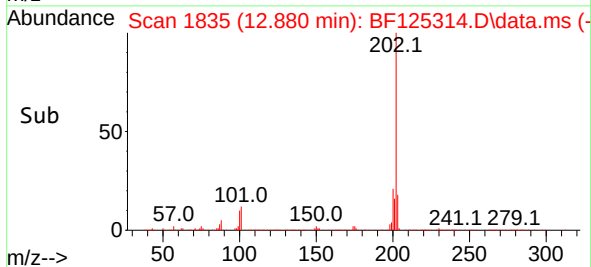
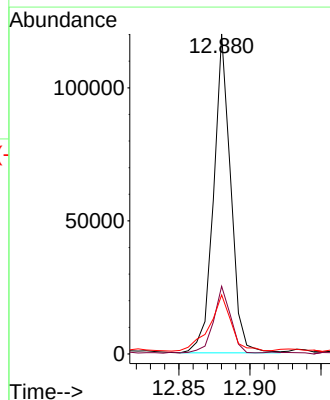
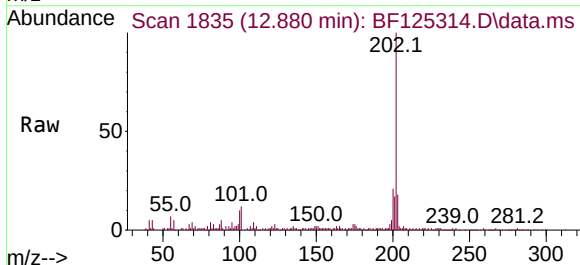
Instrument :
BNA_F
ClientSampleId :
191-0827-B1-0-2

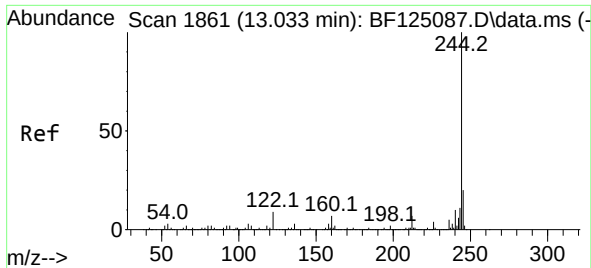
Tgt Ion:240 Resp: 410617
Ion Ratio Lower Upper
240 100
120 10.0 10.8 16.2#
236 25.8 21.6 32.4



#78
Pyrene
Concen: 2.851 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF125314.D
Acq: 1 Sep 2021 19:14

Tgt Ion:202 Resp: 100417
Ion Ratio Lower Upper
202 100
200 21.1 15.3 22.9
203 18.5 13.4 20.0

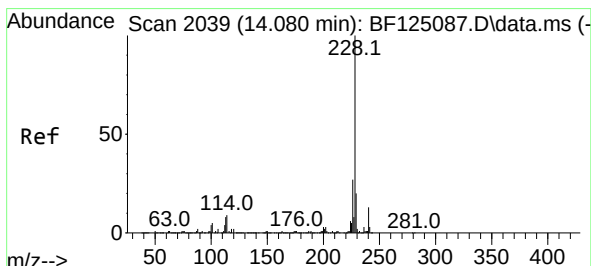
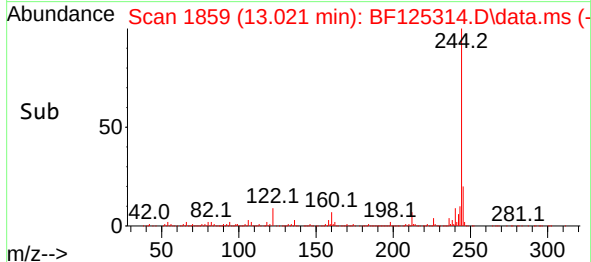
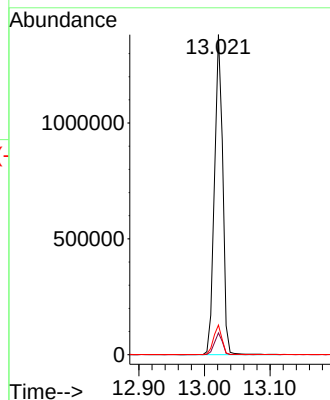
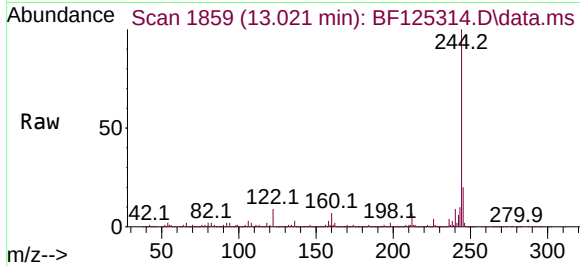




#79
Terphenyl-d14
Concen: 46.858 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BF125314.D
Acq: 1 Sep 2021 19:14

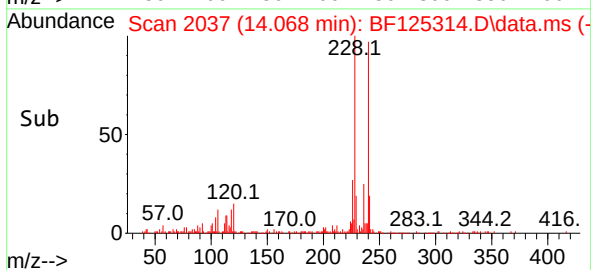
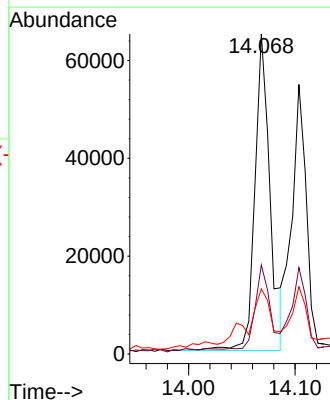
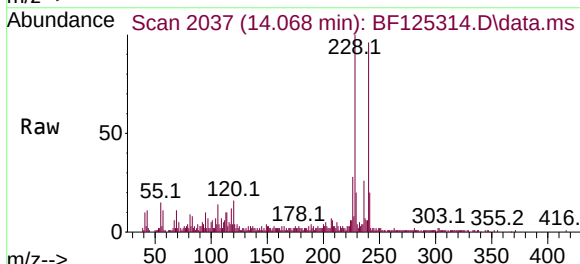
Instrument :
BNA_F
ClientSampleId :
191-0827-B1-0-2

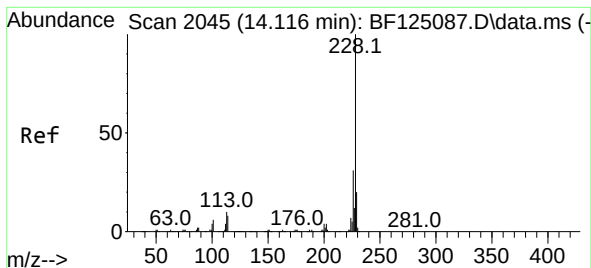
Tgt Ion:244 Resp: 1207754
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 9.3 9.0 13.4



#81
Benzo(a)anthracene
Concen: 2.153 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BF125314.D
Acq: 1 Sep 2021 19:14

Tgt Ion:228 Resp: 63688
Ion Ratio Lower Upper
228 100
226 27.8 21.6 32.4
229 20.3 15.6 23.4





#83

Chrysene

Concen: 2.177 ng

RT: 14.068 min Scan# 2037

Delta R.T. -0.041 min

Lab File: BF125314.D

Acq: 1 Sep 2021 19:14

Tgt Ion:228 Resp: 63688

Ion Ratio Lower Upper

228 100

226 27.8 22.6 34.0

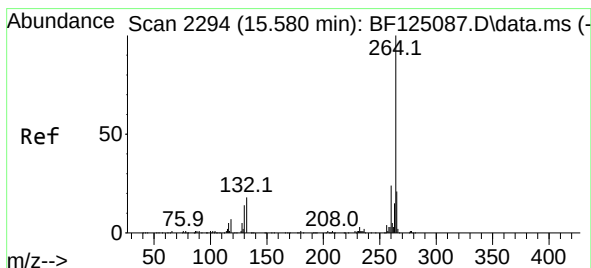
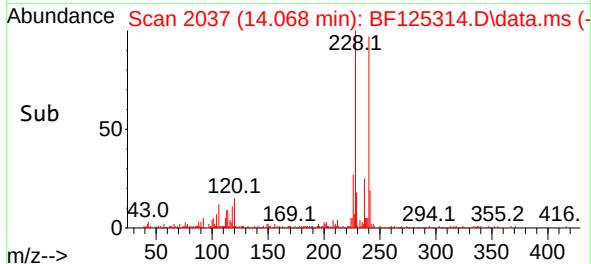
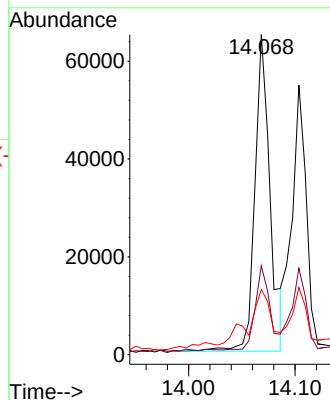
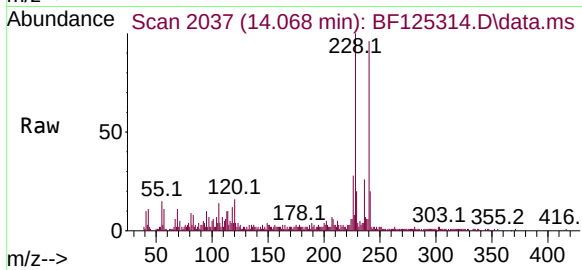
229 20.3 15.9 23.9

Instrument :

BNA_F

ClientSampleId :

191-0827-B1-0-2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2294

Delta R.T. 0.006 min

Lab File: BF125314.D

Acq: 1 Sep 2021 19:14

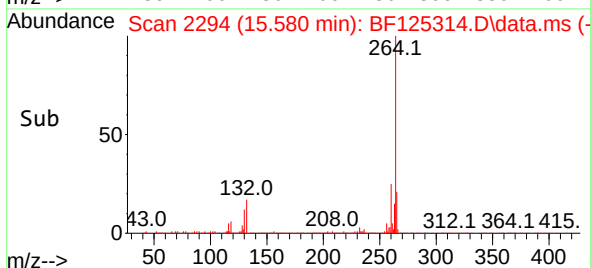
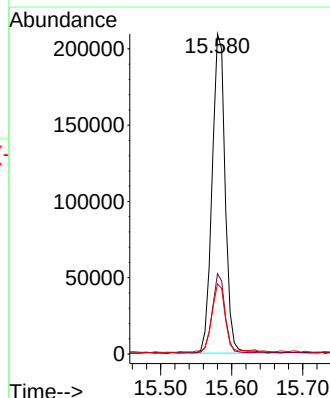
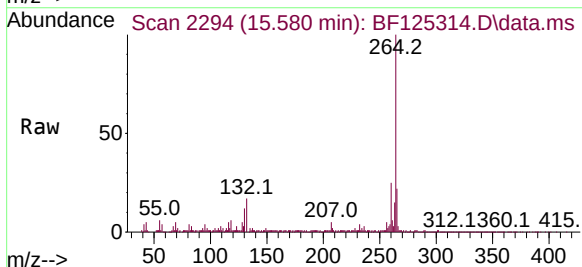
Tgt Ion:264 Resp: 267701

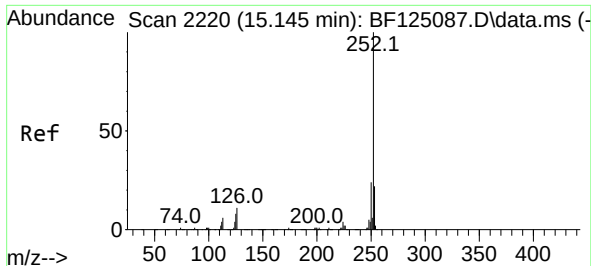
Ion Ratio Lower Upper

264 100

260 25.1 19.6 29.4

265 21.9 17.2 25.8

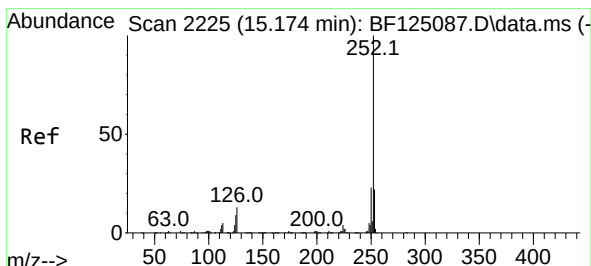
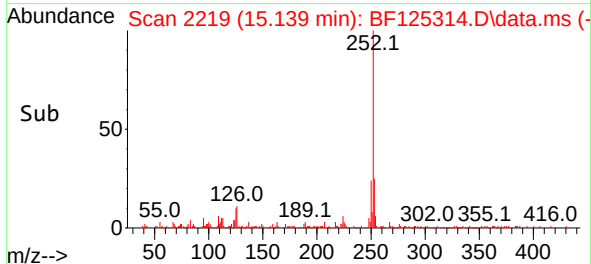
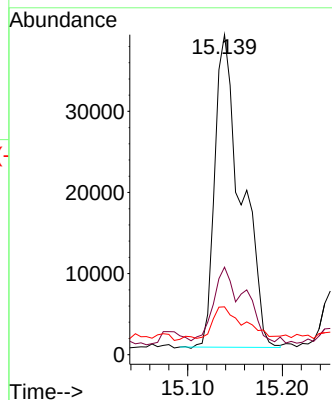
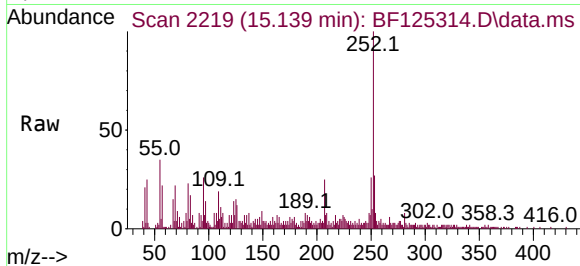




#88
Benzo(b)fluoranthene
Concen: 3.832 ng
RT: 15.139 min Scan# 2219
Delta R.T. 0.006 min
Lab File: BF125314.D
Acq: 1 Sep 2021 19:14

Instrument :
BNA_F
ClientSampleId :
191-0827-B1-0-2

Tgt Ion:252 Resp: 74946
Ion Ratio Lower Upper
252 100
253 27.4 16.8 25.2#
125 15.0 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 4.107 ng
RT: 15.139 min Scan# 2219
Delta R.T. -0.030 min
Lab File: BF125314.D
Acq: 1 Sep 2021 19:14

Tgt Ion:252 Resp: 74946
Ion Ratio Lower Upper
252 100
253 27.4 17.8 26.8#
125 15.0 7.2 10.8#

