

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081721\
 Data File : BF125082.D
 Acq On : 17 Aug 2021 22:46
 Operator : JU/CG
 Sample : M3421-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 340

Quant Time: Aug 18 05:03:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 17 16:45:36 2021
 Response via : Initial Calibration

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

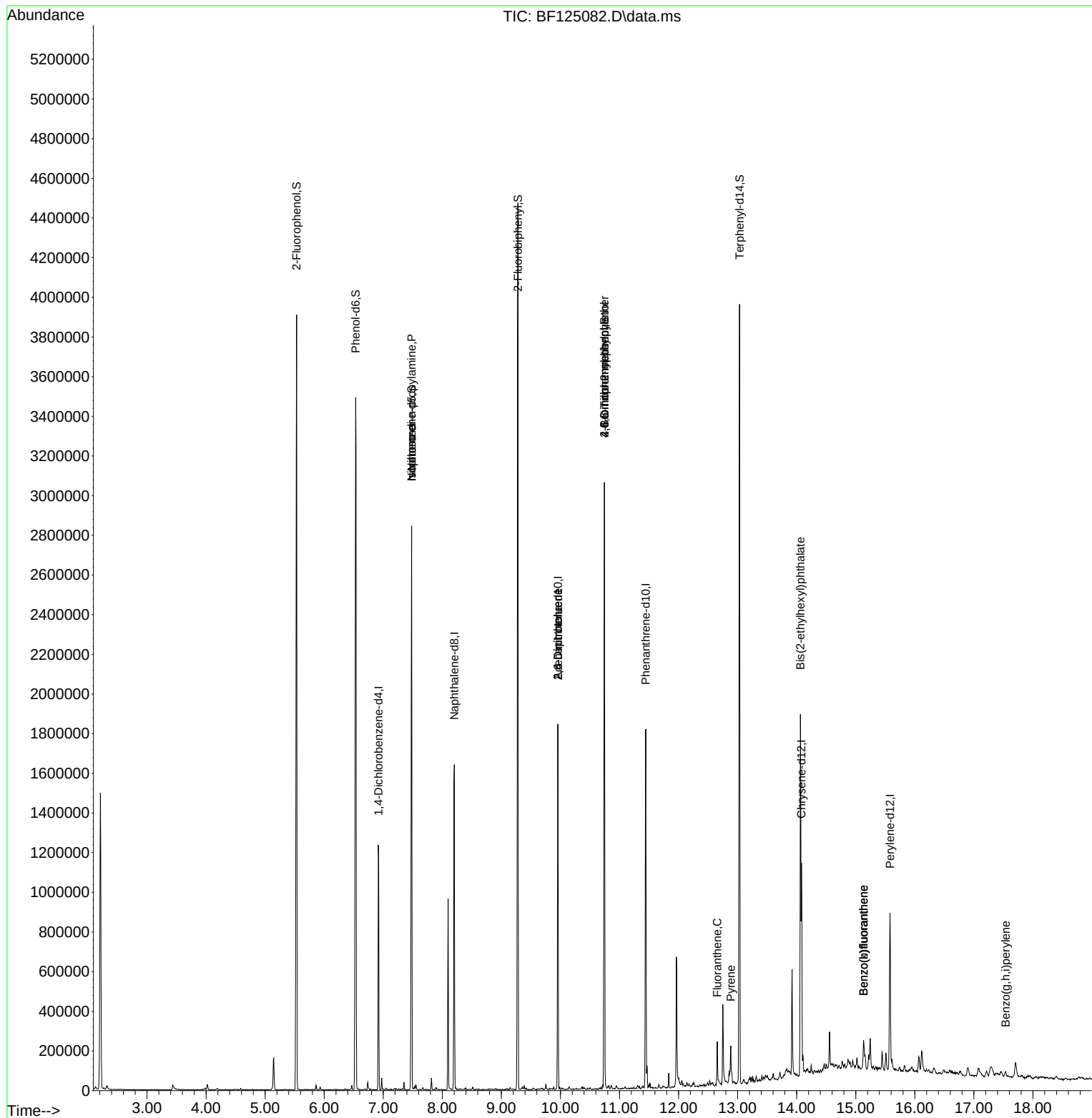
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	174507	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	691614	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	330100	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	605223	20.000	ng	0.00
76) Chrysene-d12	14.080	240	342803	20.000	ng	0.00
86) Perylene-d12	15.580	264	341157	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1010850	86.538	ng	0.00
7) Phenol-d6	6.534	99	1238660	86.210	ng	0.00
23) Nitrobenzene-d5	7.481	82	821838	65.746	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	341218	110.718	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1333977	53.864	ng	0.00
79) Terphenyl-d14	13.033	244	1309554	55.007	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	112703	12.084	ng	# 65
25) Isophorone	7.481	82	819570	30.121	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	41695	9.261	ng	# 28
57) 2,4-Dinitrotoluene	9.957	165	41695	7.777	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.745	198	837	5.512	ng	# 1
67) 4-Bromophenyl-phenylether	10.745	248	20418	3.201	ng	# 1
75) Fluoranthene	12.657	202	78797	2.441	ng	97
78) Pyrene	12.886	202	70355	2.049	ng	99
84) Bis(2-ethylhexyl)phtha...	14.063	149	421024	25.658	ng	# 99
88) Benzo(b)fluoranthene	15.133	252	95132	4.109	ng	# 96
89) Benzo(k)fluoranthene	15.133	252	95132	4.341	ng	# 94
92) Benzo(g,h,i)perylene	17.539	276	20271	2.851	ng	91

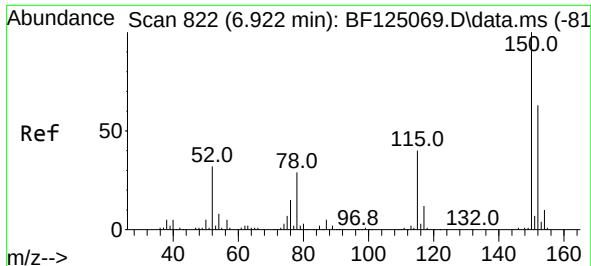
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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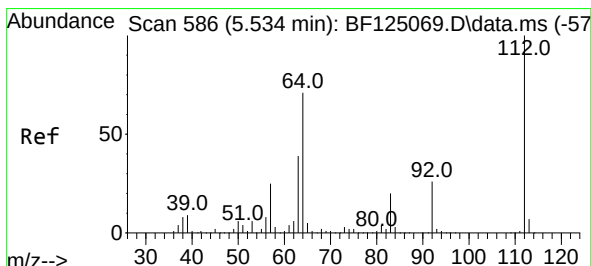
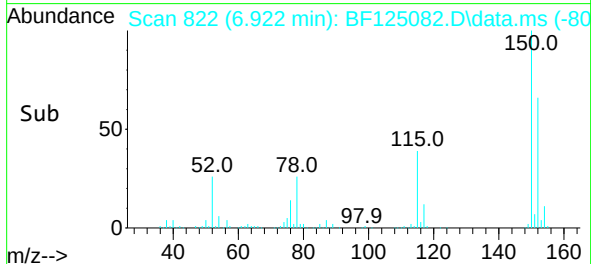
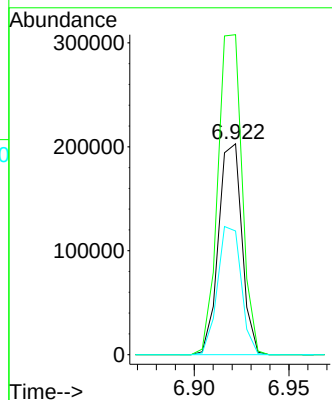
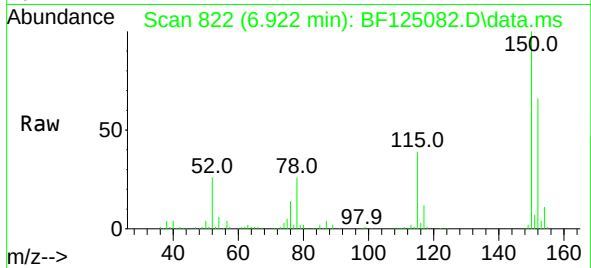




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.000 min
Lab File: BF125082.D
Acq: 17 Aug 2021 22:46

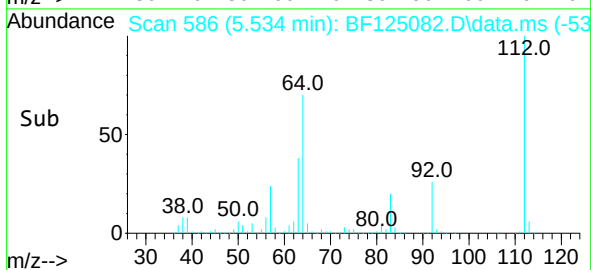
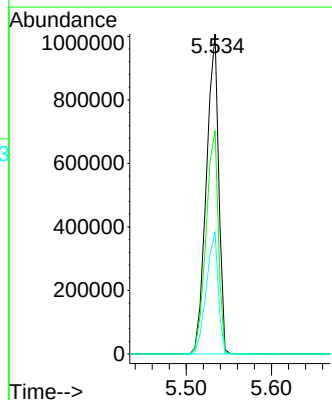
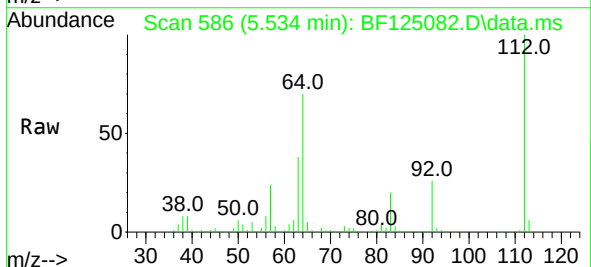
Instrument :
BNA_F
ClientSampled :
340

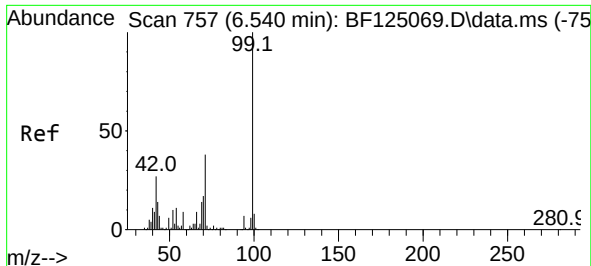
Tgt Ion:152 Resp: 174507
Ion Ratio Lower Upper
152 100
150 151.8 117.6 176.4
115 58.6 47.1 70.7



#5
2-Fluorophenol
Concen: 86.538 ng
RT: 5.534 min Scan# 586
Delta R.T. -0.000 min
Lab File: BF125082.D
Acq: 17 Aug 2021 22:46

Tgt Ion:112 Resp: 1010850
Ion Ratio Lower Upper
112 100
64 69.8 44.2 66.2#
63 38.0 26.2 39.2

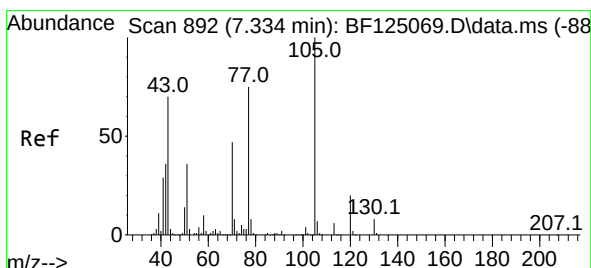
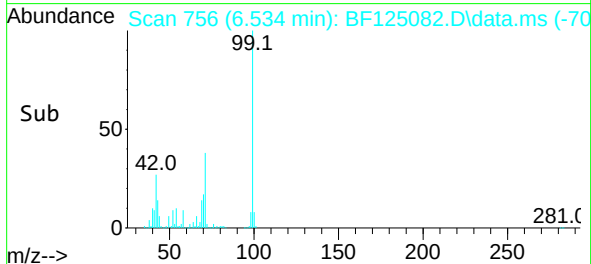
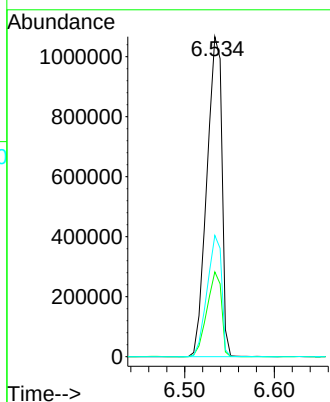
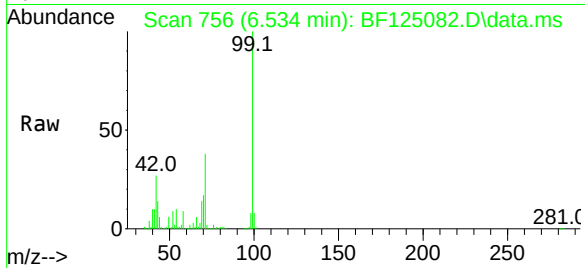




#7
Phenol-d6
Concen: 86.210 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125082.D
Acq: 17 Aug 2021 22:46

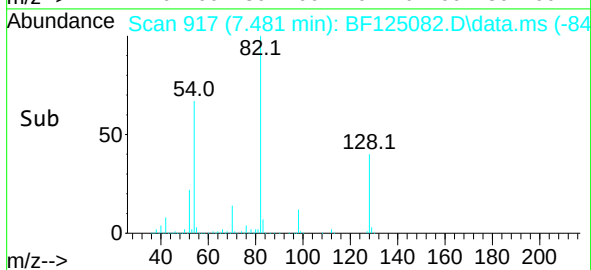
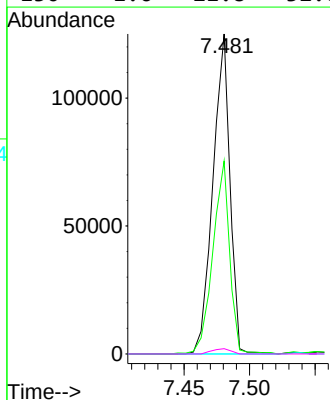
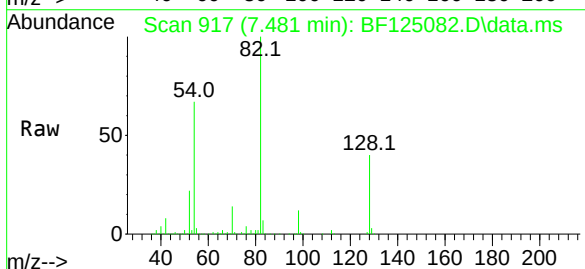
Instrument :
BNA_F
ClientSampled :
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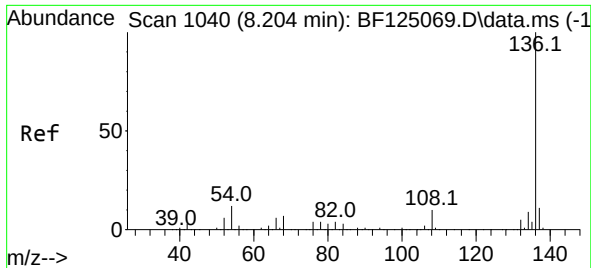
Tgt Ion: 99 Resp: 1238660
Ion Ratio Lower Upper
99 100
42 26.5 23.5 35.3
71 37.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.084 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.147 min
Lab File: BF125082.D
Acq: 17 Aug 2021 22:46

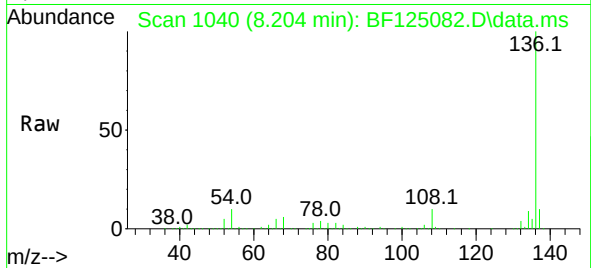
Tgt Ion: 70 Resp: 112703
Ion Ratio Lower Upper
70 100
42 60.3 72.2 108.2#
101 0.0 7.8 11.8#
130 1.6 21.8 32.6#



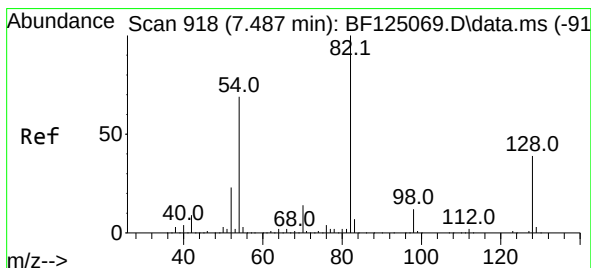
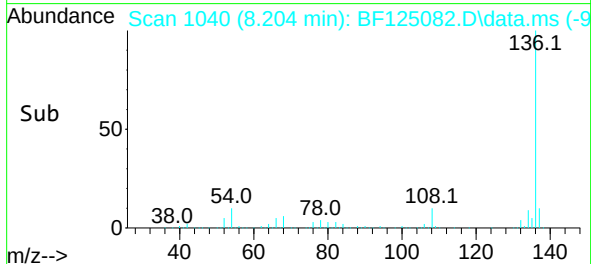
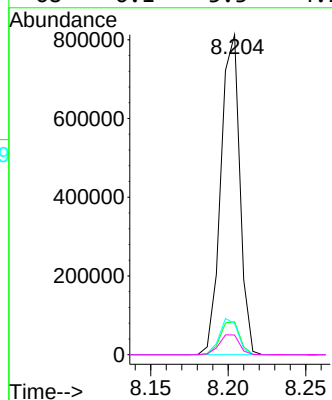


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF125082.D
Acq: 17 Aug 2021 22:46

Instrument :
BNA_F
ClientSampled :
340

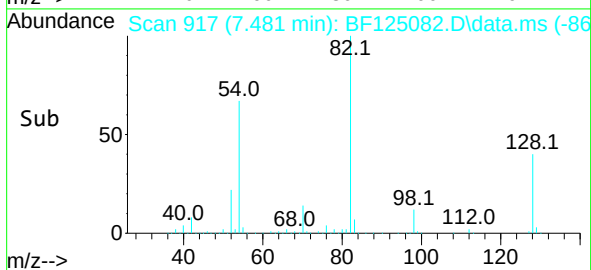
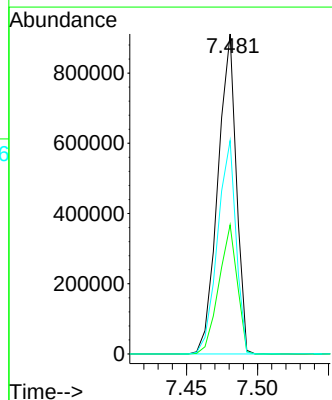
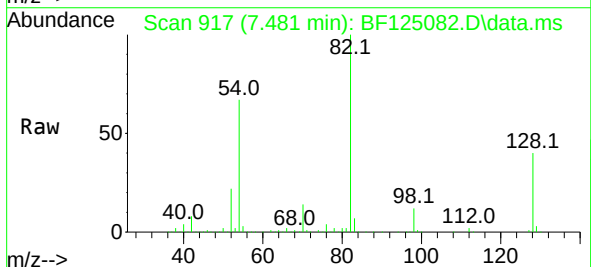


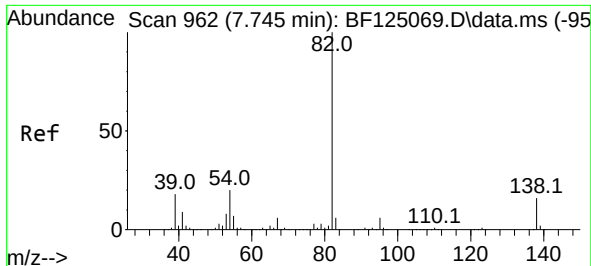
Tgt Ion:136 Resp: 691614
Ion Ratio Lower Upper
136 100
137 10.3 9.8 14.6
54 9.8 6.4 9.6#
68 6.1 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 65.746 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125082.D
Acq: 17 Aug 2021 22:46

Tgt Ion: 82 Resp: 821838
Ion Ratio Lower Upper
82 100
128 40.4 40.6 60.8#
54 66.7 49.6 74.4

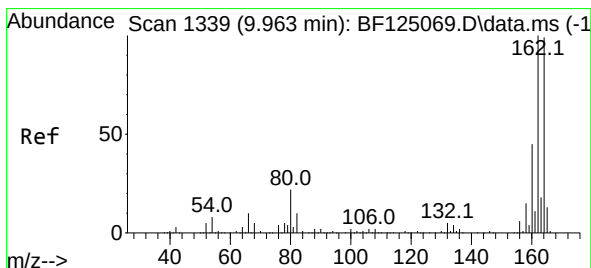
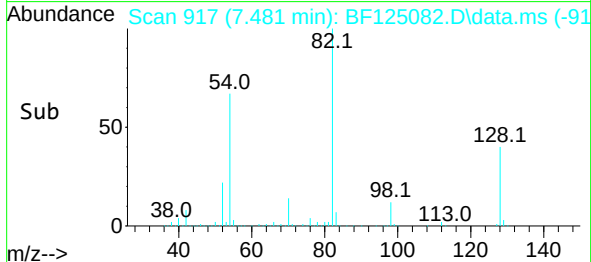
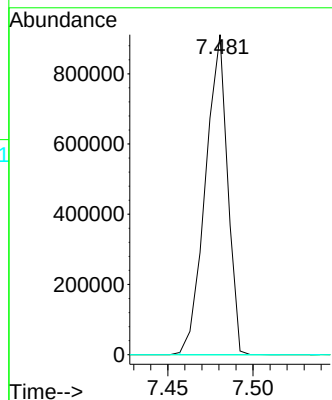
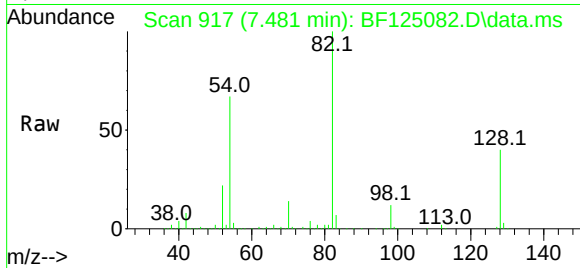




#25
Isophorone
Concen: 30.121 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125082.D
Acq: 17 Aug 2021 22:46

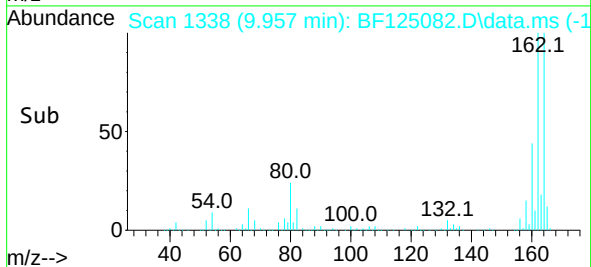
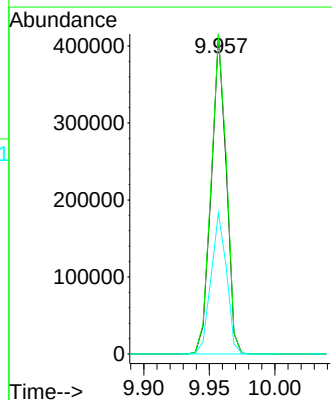
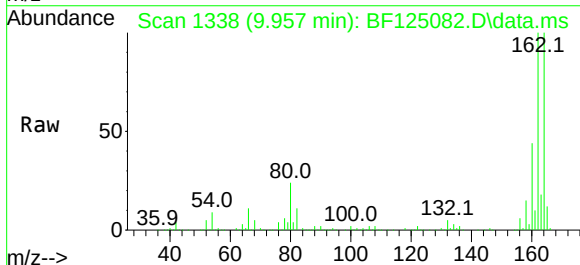
Instrument :
BNA_F
ClientSampleId :
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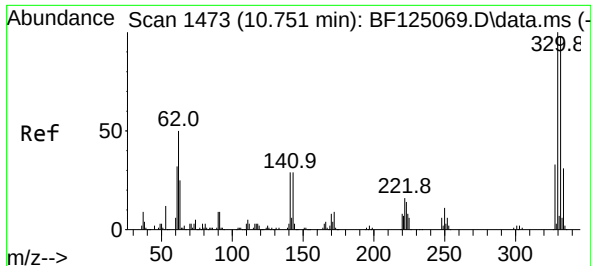
Tgt Ion: 82 Resp: 819570
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125082.D
Acq: 17 Aug 2021 22:46

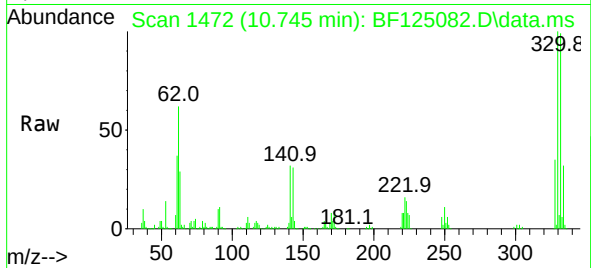
Tgt Ion: 164 Resp: 330100
Ion Ratio Lower Upper
164 100
162 100.0 81.3 121.9
160 44.1 38.0 57.0



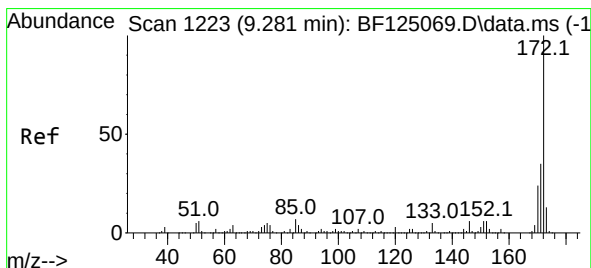
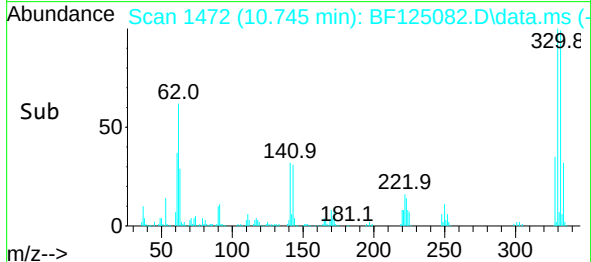
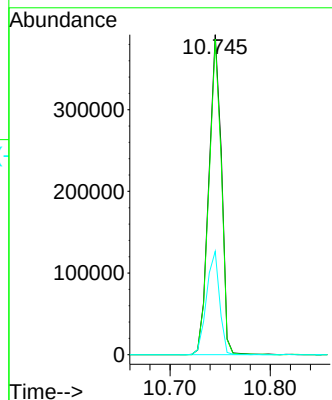


#42
2,4,6-Tribromophenol
Concen: 110.718 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF125082.D
Acq: 17 Aug 2021 22:46

Instrument :
BNA_F
ClientSampled :
340

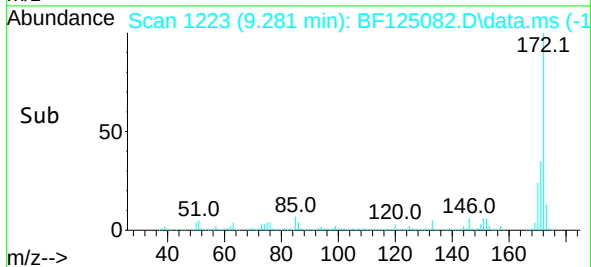
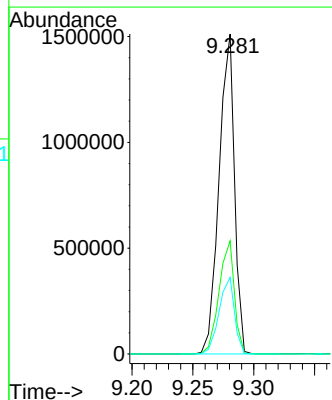
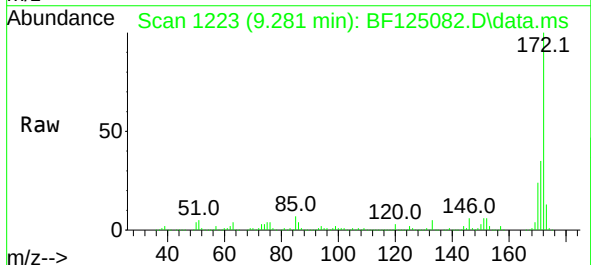


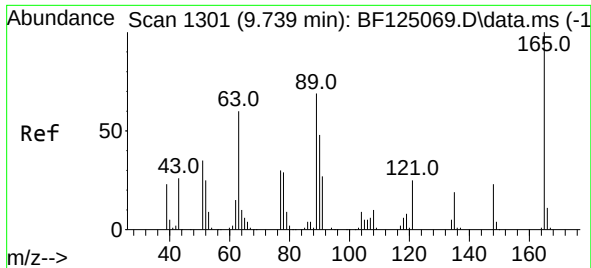
Tgt Ion: 330 Resp: 341218
Ion Ratio Lower Upper
330 100
332 97.1 76.2 114.4
141 33.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 53.864 ng
RT: 9.281 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF125082.D
Acq: 17 Aug 2021 22:46

Tgt Ion: 172 Resp: 1333977
Ion Ratio Lower Upper
172 100
171 35.3 26.5 39.7
170 23.9 18.8 28.2

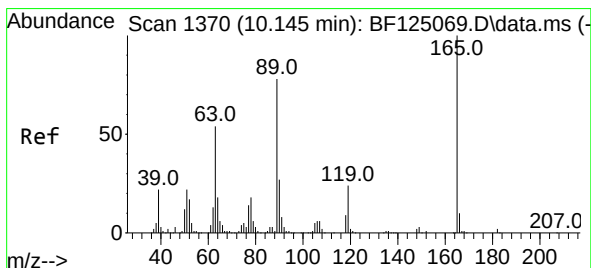
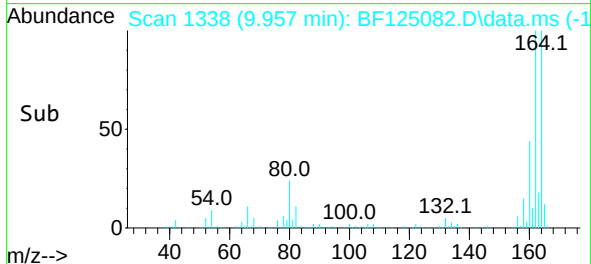
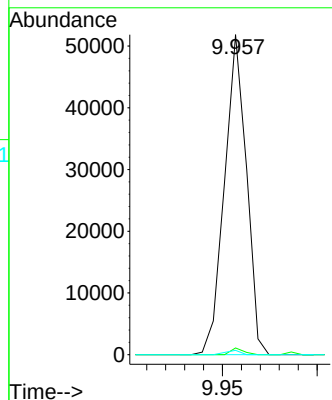
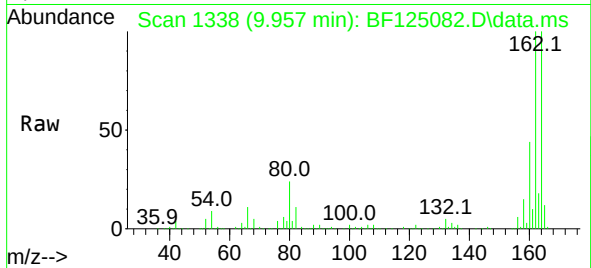




#51
2,6-Dinitrotoluene
Concen: 9.261 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF125082.D
Acq: 17 Aug 2021 22:46

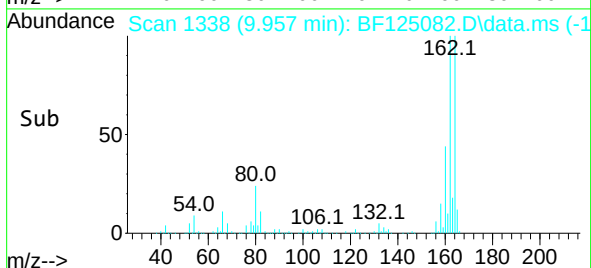
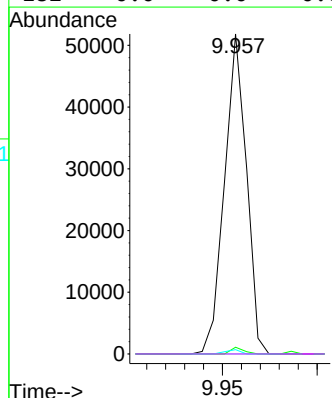
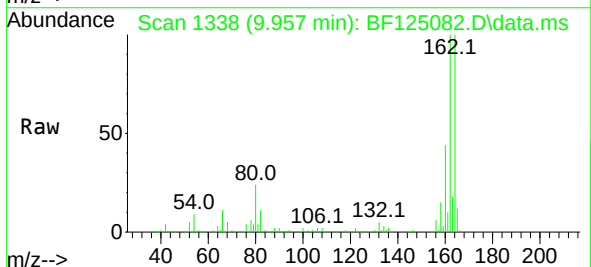
Instrument :
BNA_F
ClientSampled :
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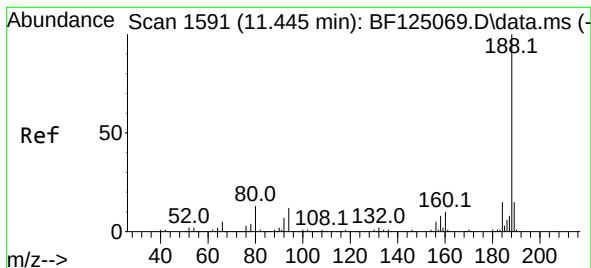
Tgt Ion:165 Resp: 41695
Ion Ratio Lower Upper
165 100
63 2.1 42.6 63.8#
89 1.4 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.777 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF125082.D
Acq: 17 Aug 2021 22:46

Tgt Ion:165 Resp: 41695
Ion Ratio Lower Upper
165 100
63 2.1 40.9 61.3#
89 1.4 59.7 89.5#
182 0.0 0.0 0.0

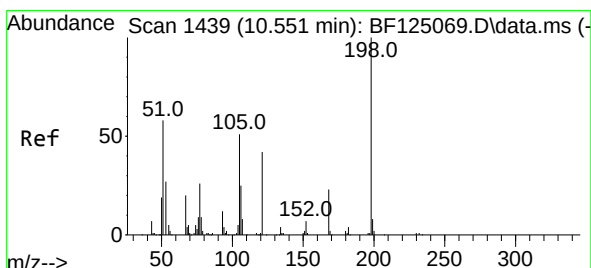
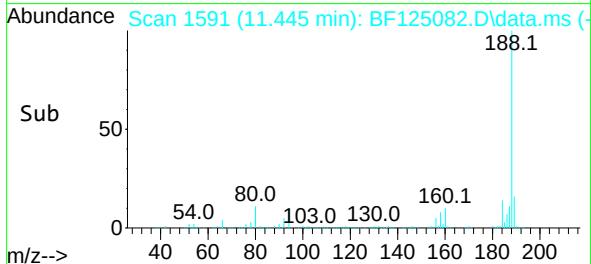
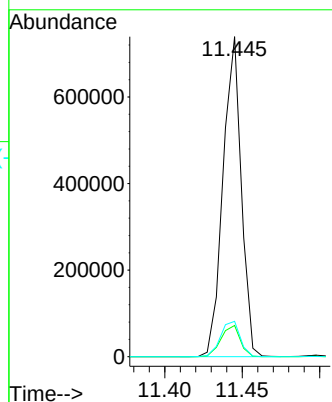
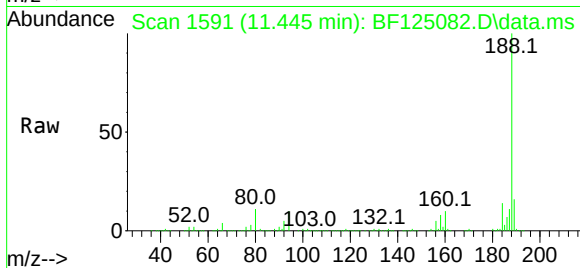




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF125082.D
Acq: 17 Aug 2021 22:46

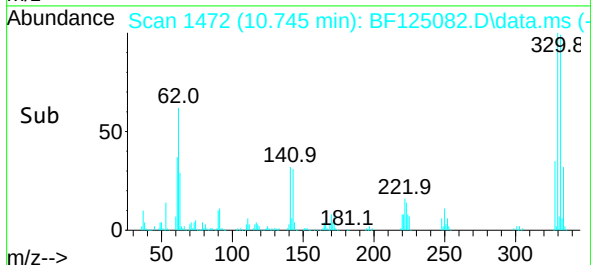
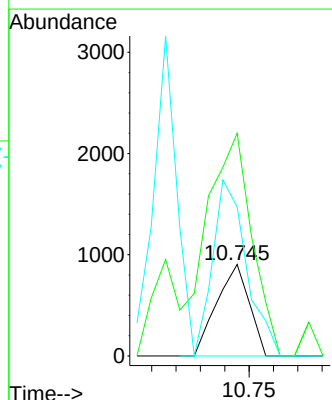
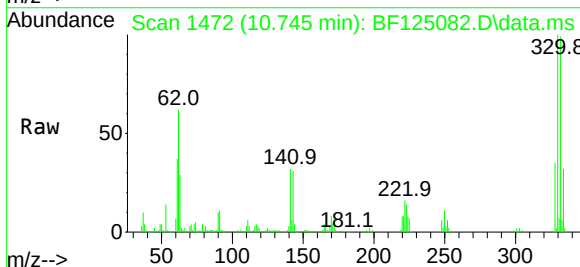
Instrument :
BNA_F
ClientSampled :
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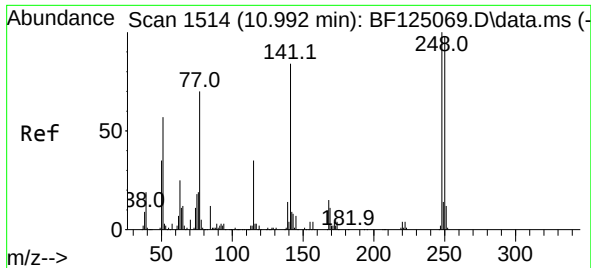
Tgt Ion:188 Resp: 605223
Ion Ratio Lower Upper
188 100
94 9.8 6.7 10.1
80 11.1 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 5.512 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.194 min
Lab File: BF125082.D
Acq: 17 Aug 2021 22:46

Tgt Ion:198 Resp: 837
Ion Ratio Lower Upper
198 100
51 243.4 45.3 85.3#
105 163.1 30.6 70.6#

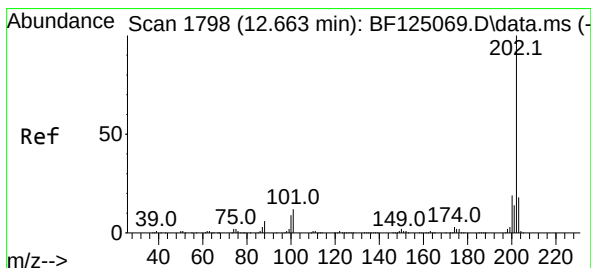
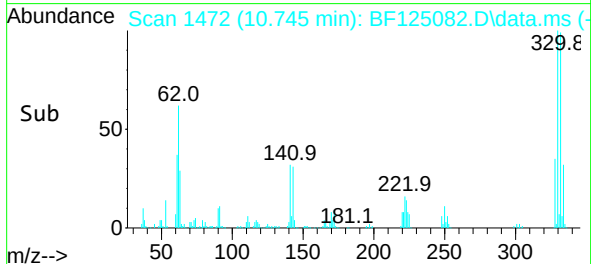
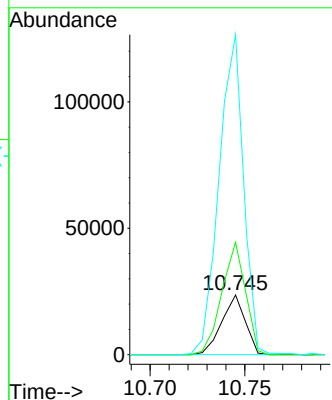
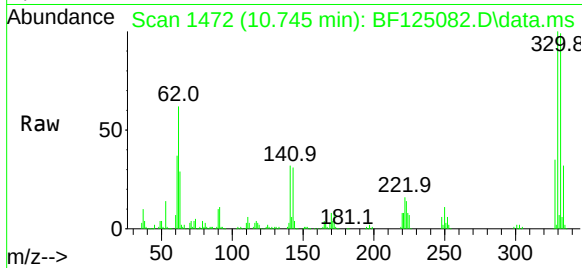




#67
4-Bromophenyl-phenylether
Concen: 3.201 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF125082.D
Acq: 17 Aug 2021 22:46

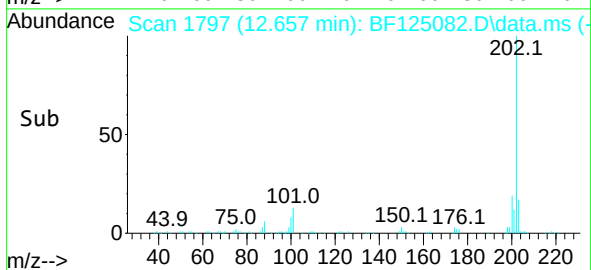
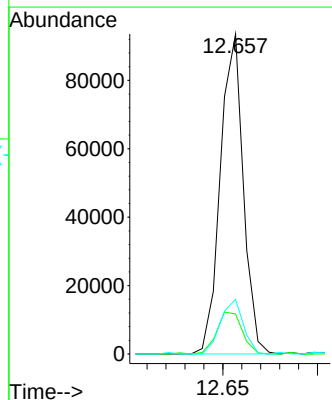
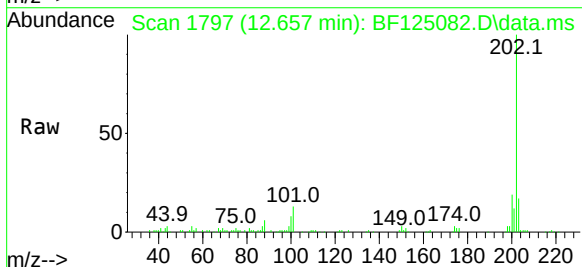
Instrument :
BNA_F
ClientSampled :
340

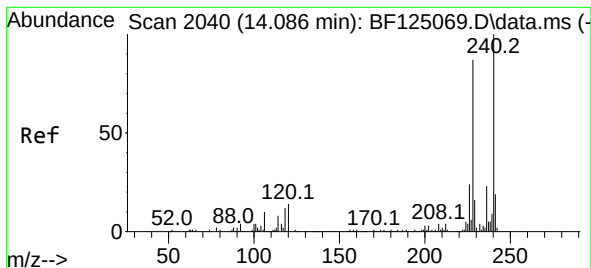
Tgt Ion:248 Resp: 20418
Ion Ratio Lower Upper
248 100
250 188.7 74.2 111.4#
141 536.7 60.4 90.6#



#75
Fluoranthene
Concen: 2.441 ng
RT: 12.657 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF125082.D
Acq: 17 Aug 2021 22:46

Tgt Ion:202 Resp: 78797
Ion Ratio Lower Upper
202 100
101 12.5 0.0 30.7
203 17.1 0.0 36.3

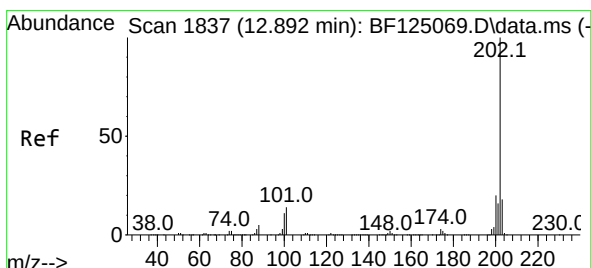
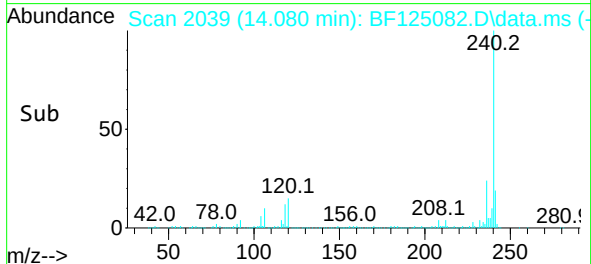
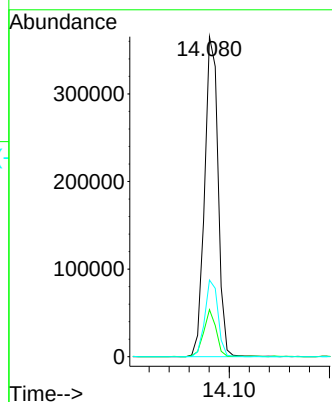
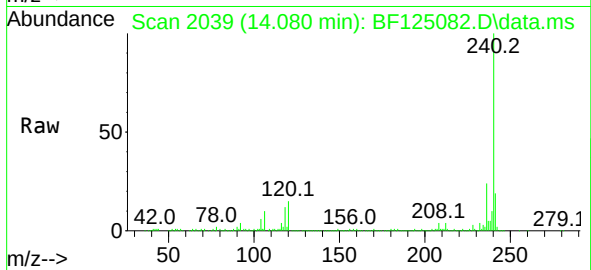




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF125082.D
Acq: 17 Aug 2021 22:46

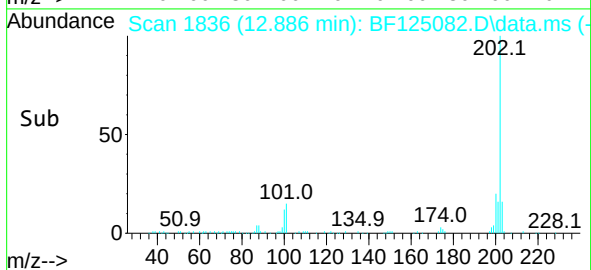
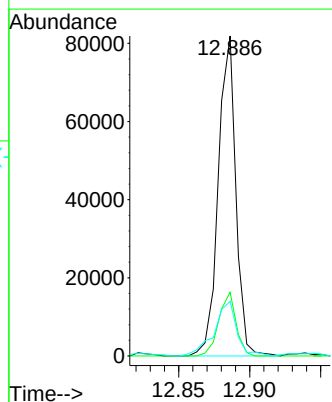
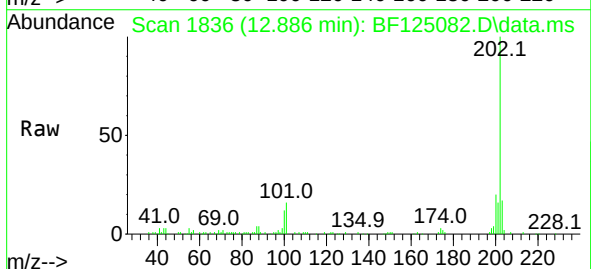
Instrument :
BNA_F
ClientSampleId :
340

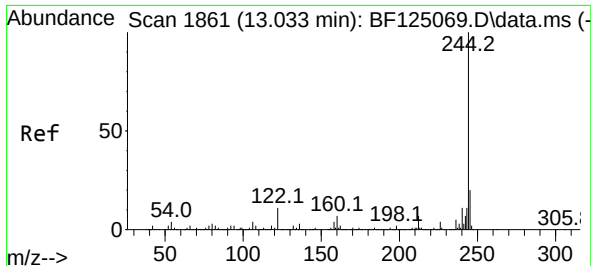
Tgt Ion:240 Resp: 342803
Ion Ratio Lower Upper
240 100
120 14.7 10.8 16.2
236 24.0 21.6 32.4



#78
Pyrene
Concen: 2.049 ng
RT: 12.886 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF125082.D
Acq: 17 Aug 2021 22:46

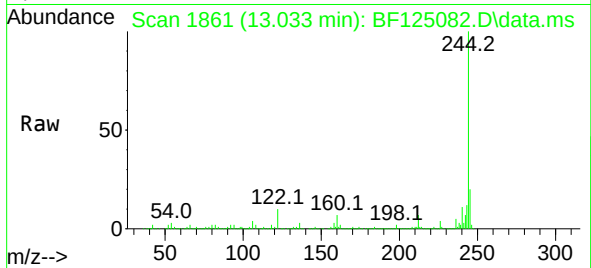
Tgt Ion:202 Resp: 70355
Ion Ratio Lower Upper
202 100
200 19.9 15.3 22.9
203 17.1 13.4 20.0



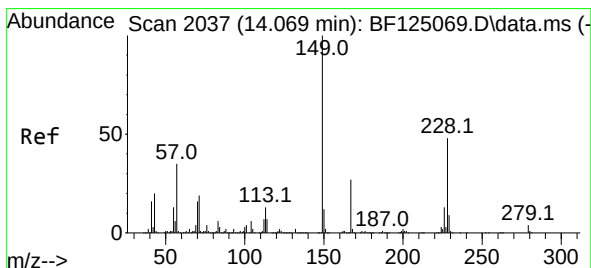
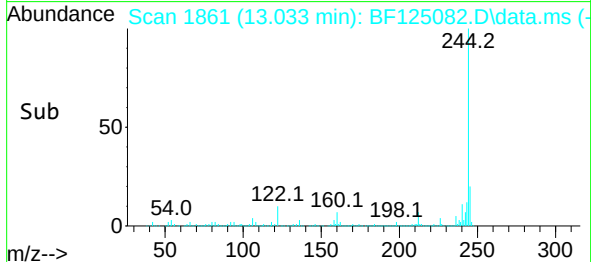
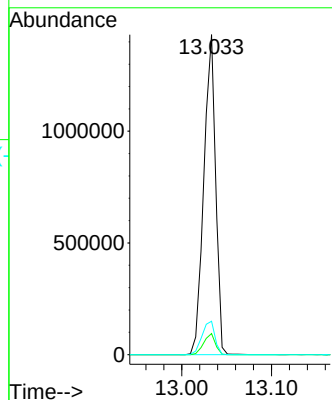


#79
 Terphenyl-d14
 Concen: 55.007 ng
 RT: 13.033 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: BF125082.D
 Acq: 17 Aug 2021 22:46

Instrument :
 BNA_F
 ClientSampled :
 340

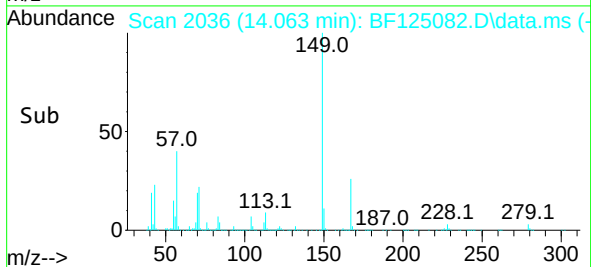
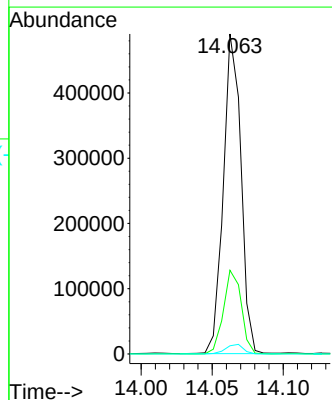
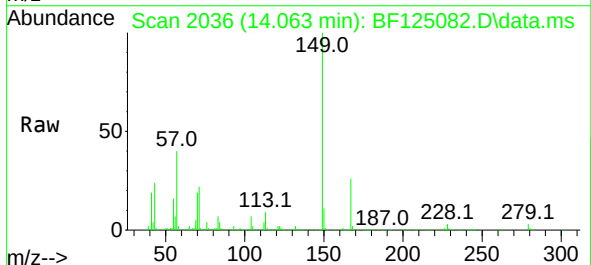


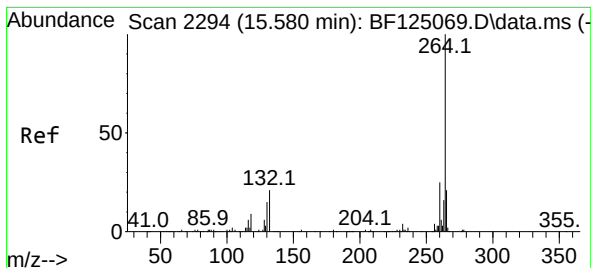
Tgt Ion:244 Resp: 1309554
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 10.4 9.0 13.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 25.658 ng
 RT: 14.063 min Scan# 2036
 Delta R.T. -0.006 min
 Lab File: BF125082.D
 Acq: 17 Aug 2021 22:46

Tgt Ion:149 Resp: 421024
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.4 32.0
 279 2.5 2.6 4.0#

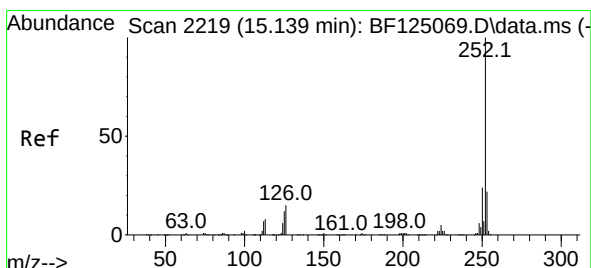
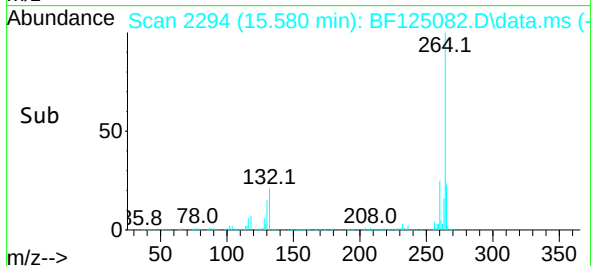
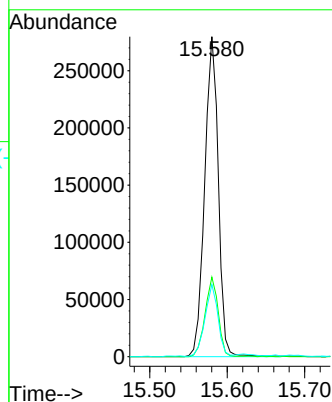
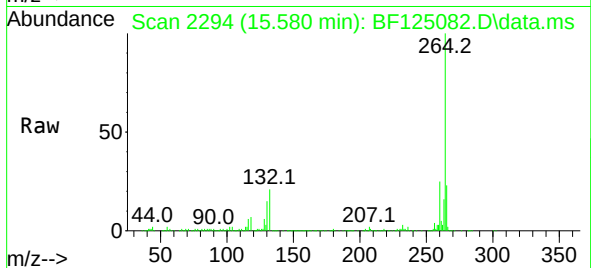




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BF125082.D
Acq: 17 Aug 2021 22:46

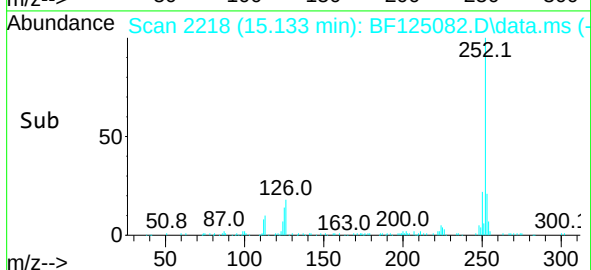
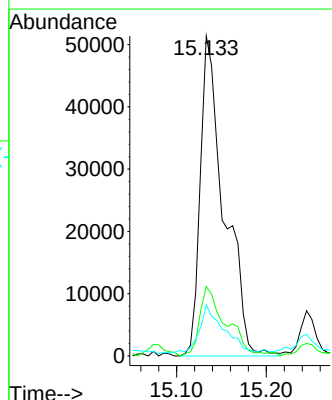
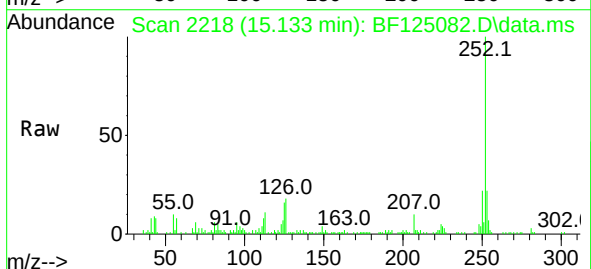
Instrument :
BNA_F
ClientSampled :
340

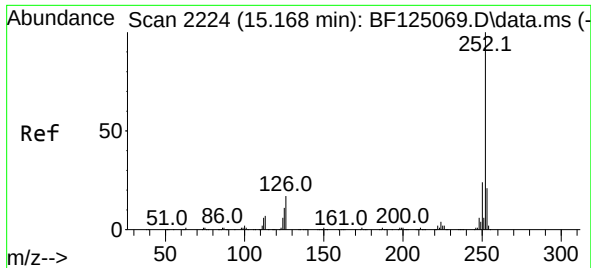
Tgt Ion:264 Resp: 341157
Ion Ratio Lower Upper
264 100
260 24.9 19.6 29.4
265 22.6 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 4.109 ng
RT: 15.133 min Scan# 2218
Delta R.T. -0.006 min
Lab File: BF125082.D
Acq: 17 Aug 2021 22:46

Tgt Ion:252 Resp: 95132
Ion Ratio Lower Upper
252 100
253 21.7 16.8 25.2
125 15.9 9.8 14.8#

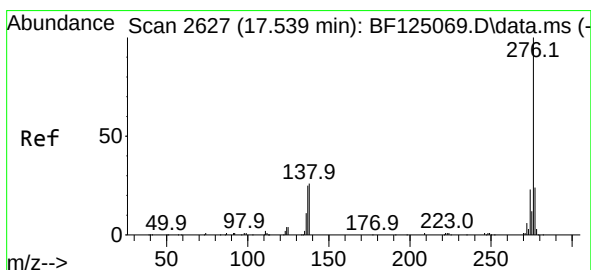
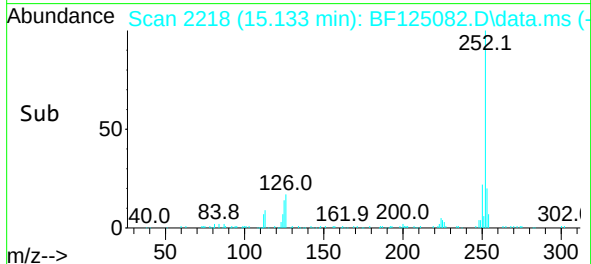
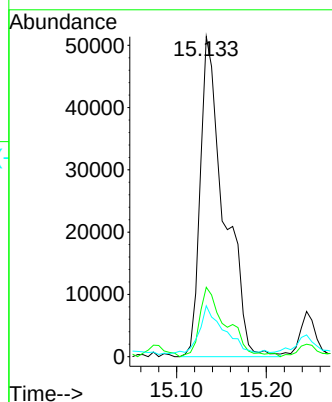
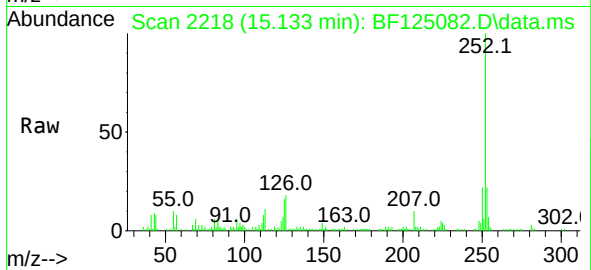




#89
Benzo(k)fluoranthene
Concen: 4.341 ng
RT: 15.133 min Scan# 2218
Delta R.T. -0.035 min
Lab File: BF125082.D
Acq: 17 Aug 2021 22:46

Instrument :
BNA_F
ClientSampled :
340

Tgt Ion:252 Resp: 95132
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 15.9 7.2 10.8#



#92
Benzo(g,h,i)perylene
Concen: 2.851 ng
RT: 17.539 min Scan# 2627
Delta R.T. -0.000 min
Lab File: BF125082.D
Acq: 17 Aug 2021 22:46

Tgt Ion:276 Resp: 20271
Ion Ratio Lower Upper
276 100
277 23.3 22.0 33.0
138 33.0 22.2 33.4

