

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082321\
 Data File : BF125173.D
 Acq On : 24 Aug 2021 1:02
 Operator : JU/CG
 Sample : M3510-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-082021

Quant Time: Aug 24 04:50:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 23 10:15:49 2021
 Response via : Initial Calibration

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

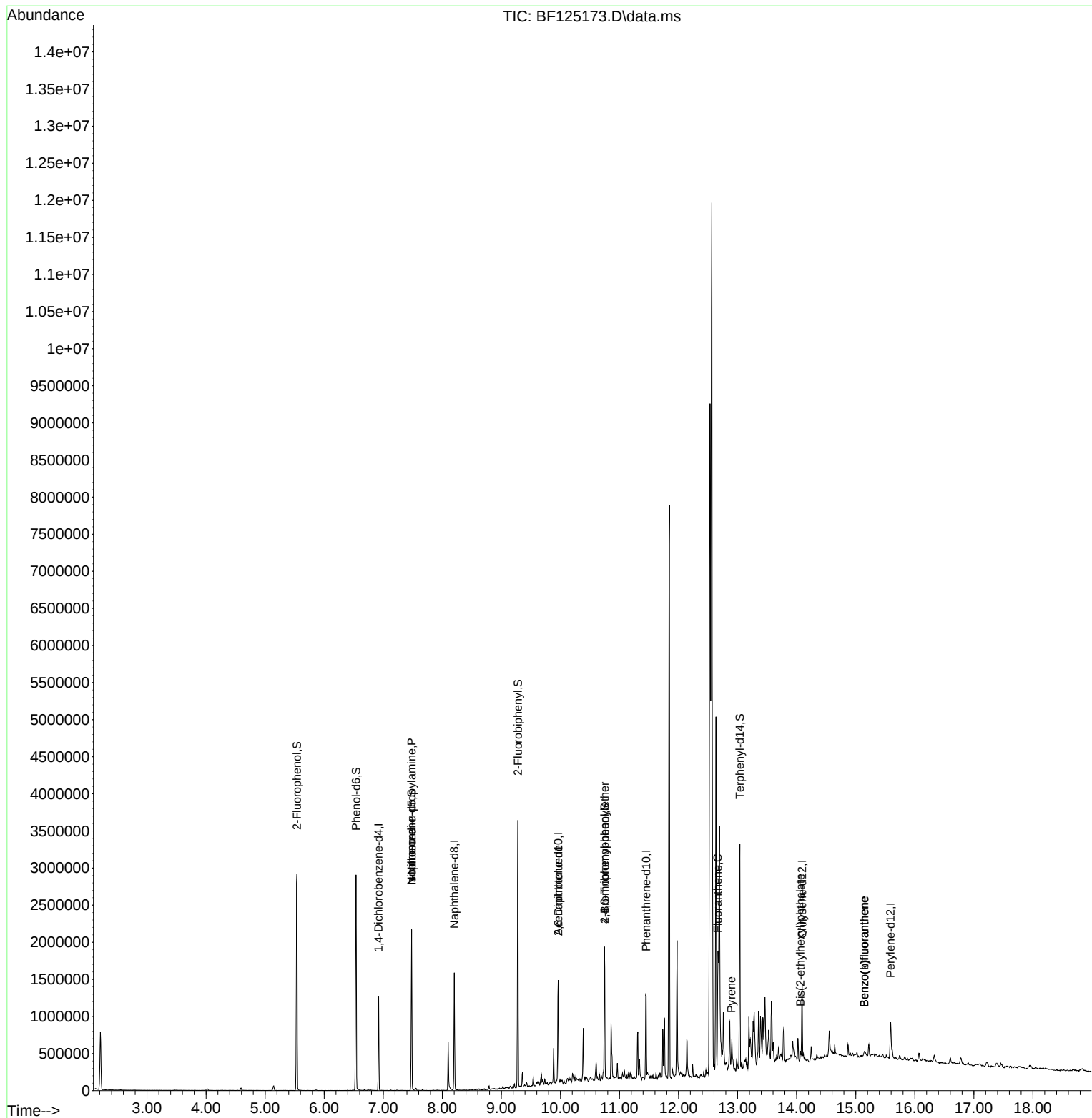
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	160602	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	585478	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	277484	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	440218	20.000	ng	0.00
76) Chrysene-d12	14.092	240	343568	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	245508	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	746015	70.308	ng	0.00
7) Phenol-d6	6.539	99	918835	66.956	ng	0.00
23) Nitrobenzene-d5	7.481	82	612128	52.636	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	207543	74.928	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1020377	51.251	ng	0.00
79) Terphenyl-d14	13.039	244	996819	46.221	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	84188	10.200	ng	# 59
25) Isophorone	7.481	82	612236	27.290	ng	# 59
51) 2,6-Dinitrotoluene	9.963	165	37948	9.101	ng	# 28
67) 4-Bromophenyl-phenylether	10.751	248	13623	2.577	ng	# 1
75) Fluoranthene	12.663	202	56682	2.355	ng	98
78) Pyrene	12.892	202	60201	2.043	ng	97
84) Bis(2-ethylhexyl)phtha...	14.062	149	36471	2.291	ng	# 96
88) Benzo(b)fluoranthene	15.145	252	40003	2.230	ng	# 77
89) Benzo(k)fluoranthene	15.145	252	40003	2.390	ng	# 77

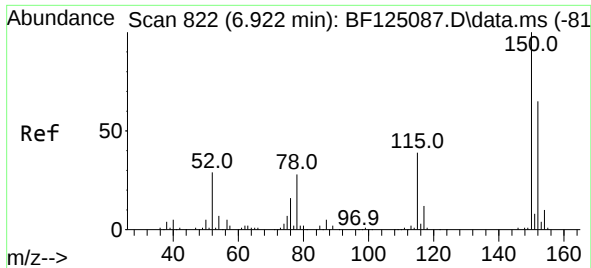
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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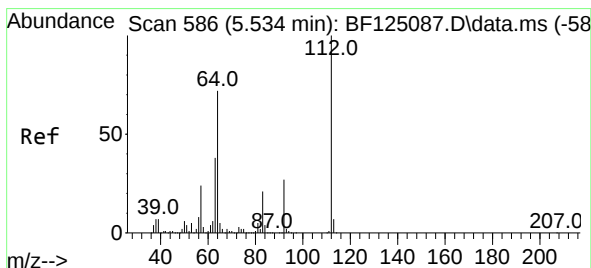
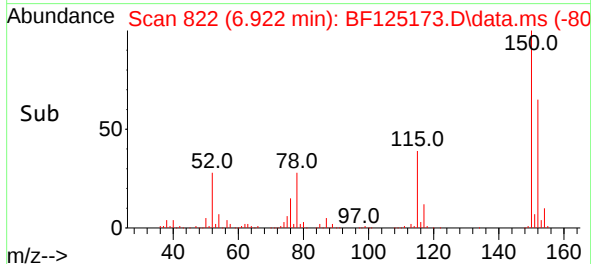
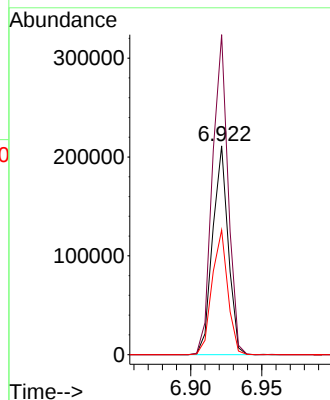
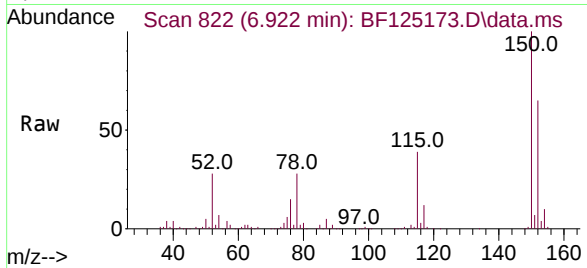




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF125173.D
Acq: 24 Aug 2021 1:02

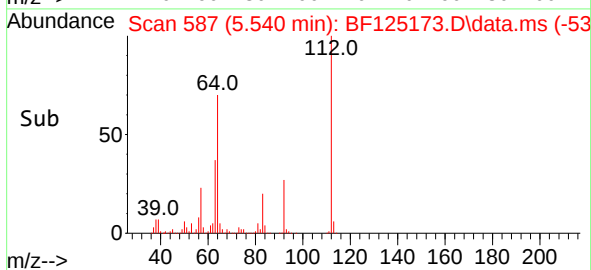
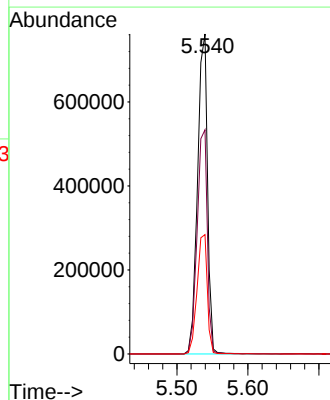
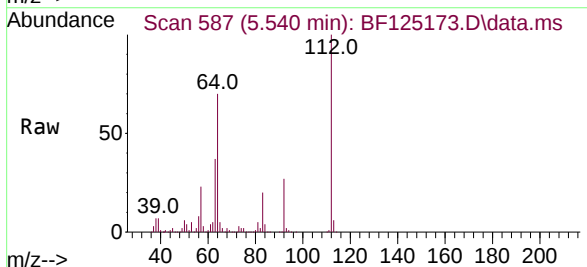
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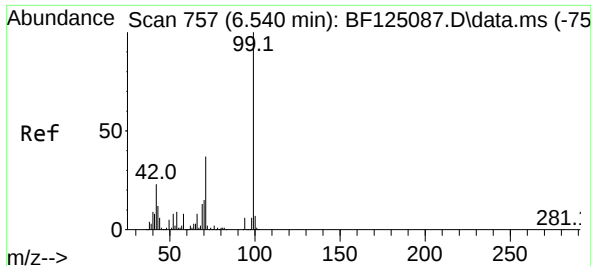
Tgt Ion:152 Resp: 160602
Ion Ratio Lower Upper
152 100
150 153.2 117.6 176.4
115 59.7 47.1 70.7



#5
2-Fluorophenol
Concen: 70.308 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.000 min
Lab File: BF125173.D
Acq: 24 Aug 2021 1:02

Tgt Ion:112 Resp: 746015
Ion Ratio Lower Upper
112 100
64 70.0 44.2 66.2#
63 37.3 26.2 39.2

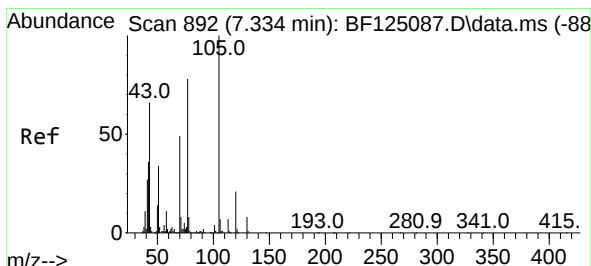
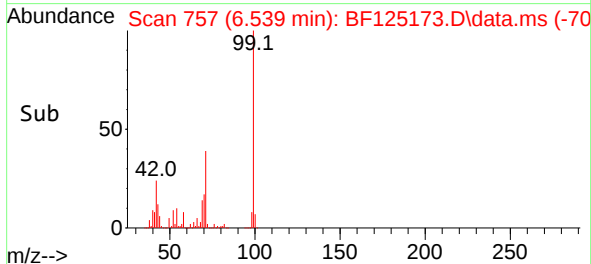
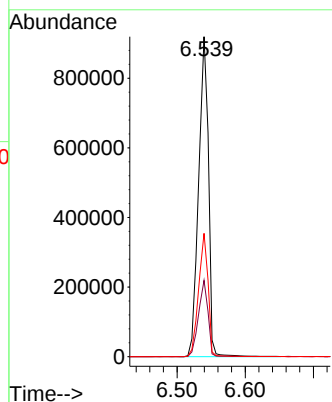
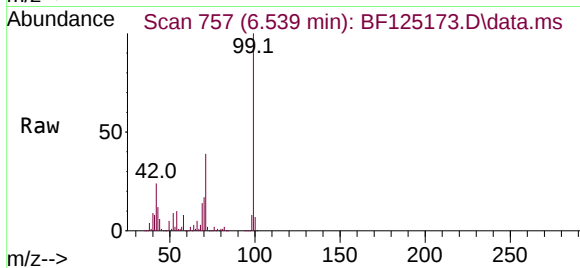




#7
Phenol-d6
Concen: 66.956 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF125173.D
Acq: 24 Aug 2021 1:02

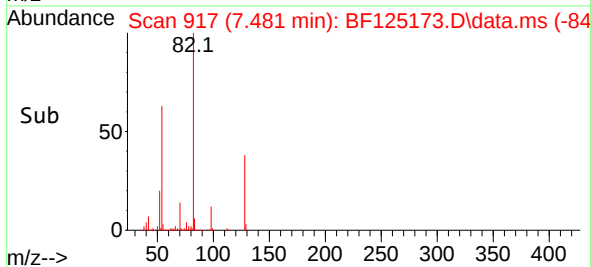
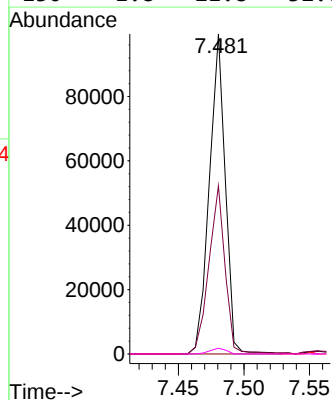
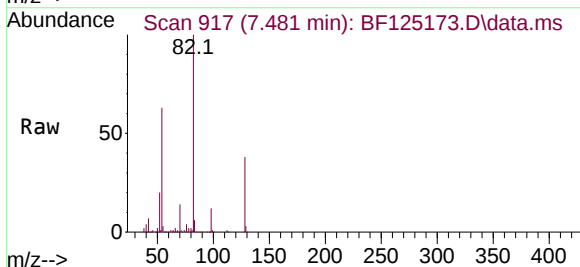
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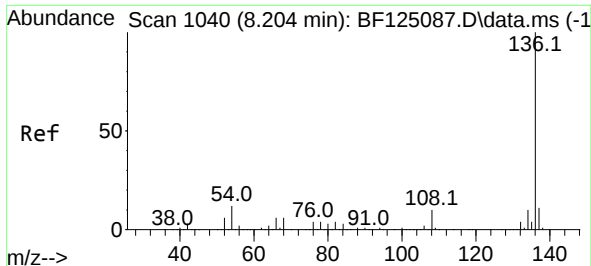
Tgt Ion:	99	Resp:	918835
Ion	Ratio	Lower	Upper
99	100		
42	23.8	23.5	35.3
71	38.5	25.6	38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 10.200 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.141 min
Lab File: BF125173.D
Acq: 24 Aug 2021 1:02

Tgt Ion:	70	Resp:	84188
Ion	Ratio	Lower	Upper
70	100		
42	52.5	72.2	108.2#
101	0.0	7.8	11.8#
130	1.8	21.8	32.6#

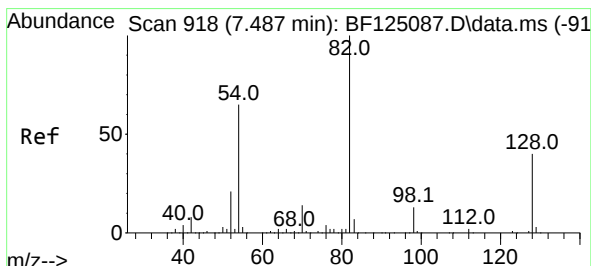
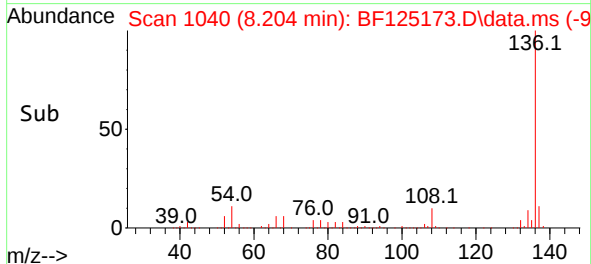
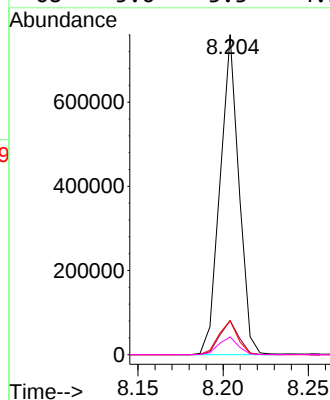
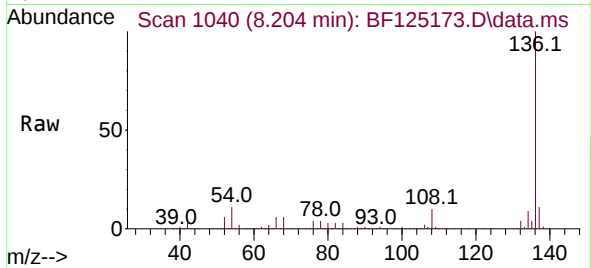




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF125173.D
Acq: 24 Aug 2021 1:02

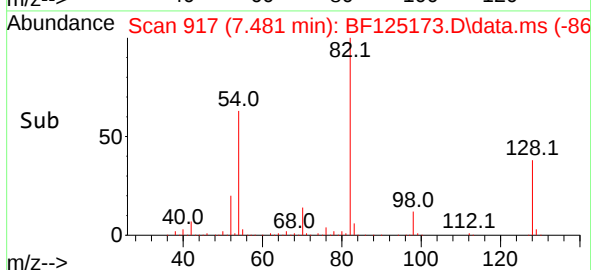
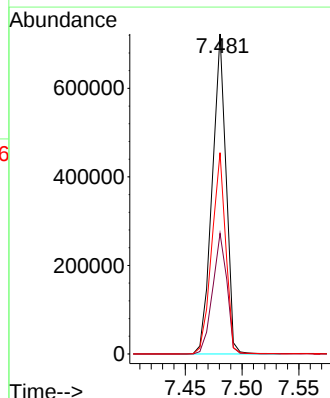
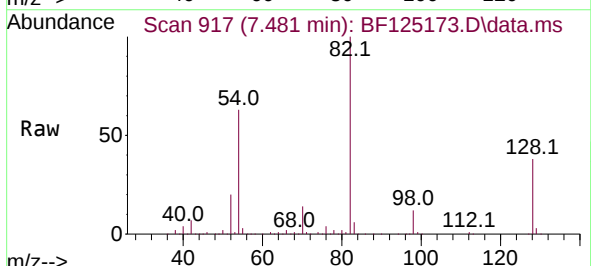
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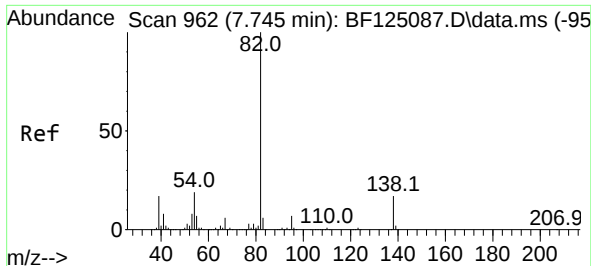
Tgt Ion:	136	Resp:	585478
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.8	14.6
54	10.6	6.4	9.6#
68	5.6	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 52.636 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125173.D
Acq: 24 Aug 2021 1:02

Tgt Ion:	82	Resp:	612128
Ion Ratio	Lower	Upper	
82	100		
128	37.7	40.6	60.8#
54	62.9	49.6	74.4

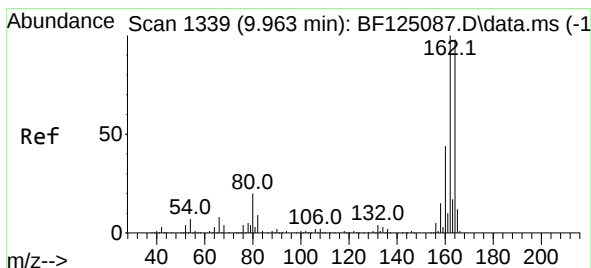
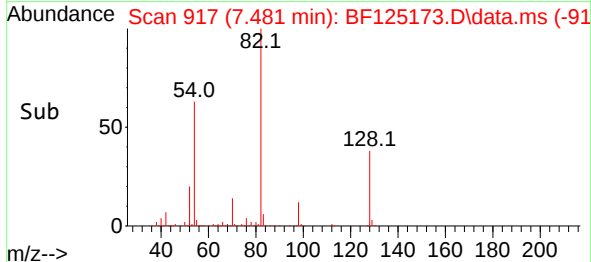
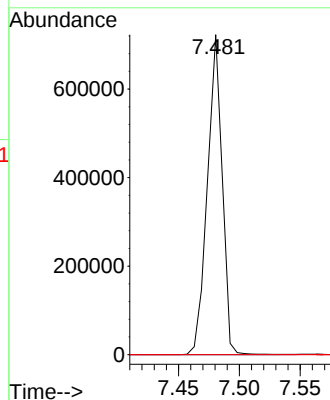
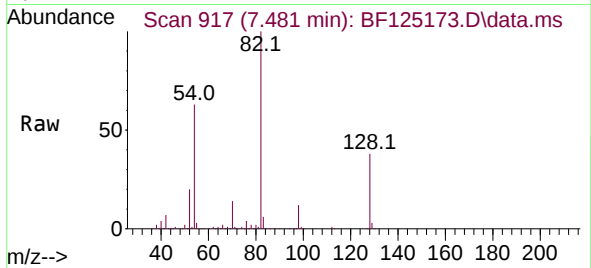




#25
Isophorone
Concen: 27.290 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125173.D
Acq: 24 Aug 2021 1:02

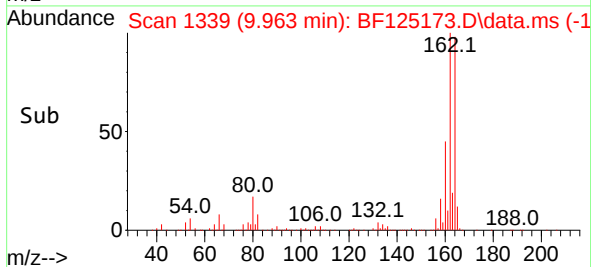
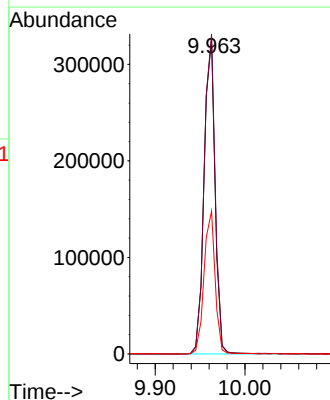
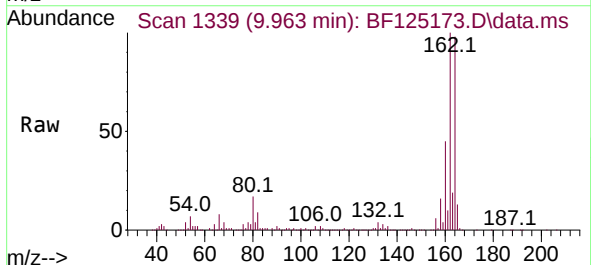
Instrument :
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ClientSampleId :
SU-02-082021

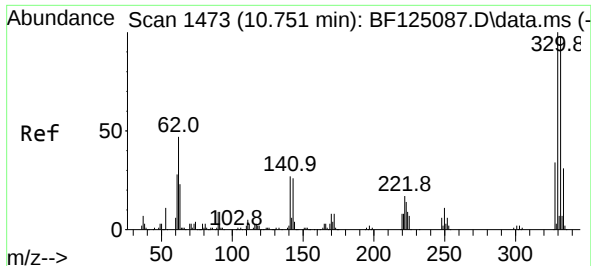
Tgt Ion: 82 Resp: 612236
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF125173.D
Acq: 24 Aug 2021 1:02

Tgt Ion: 164 Resp: 277484
Ion Ratio Lower Upper
164 100
162 101.7 81.3 121.9
160 45.4 38.0 57.0

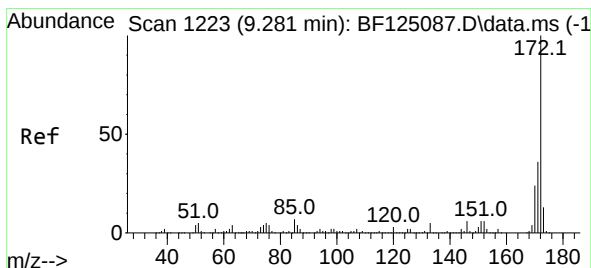
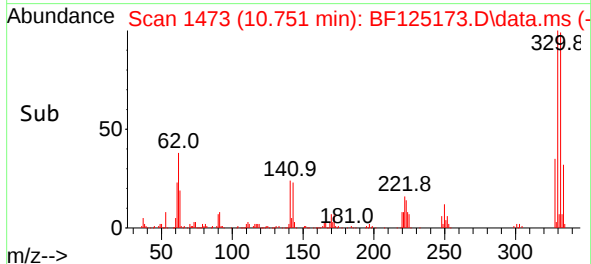
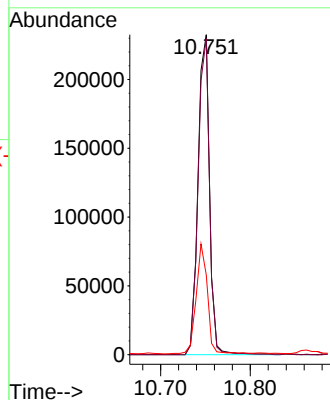
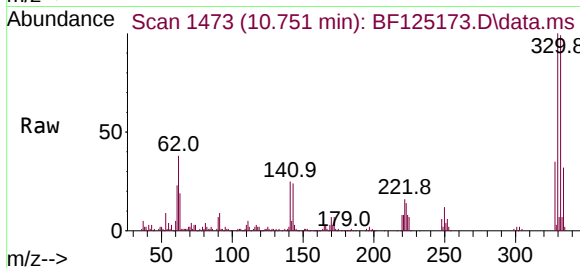




#42
2,4,6-Tribromophenol
Concen: 74.928 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF125173.D
Acq: 24 Aug 2021 1:02

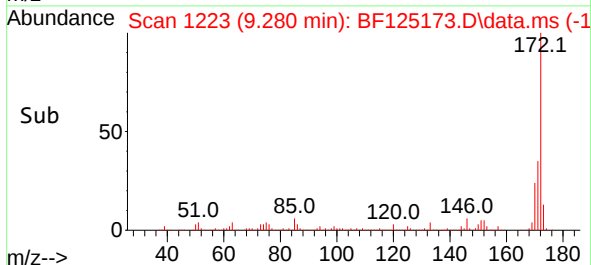
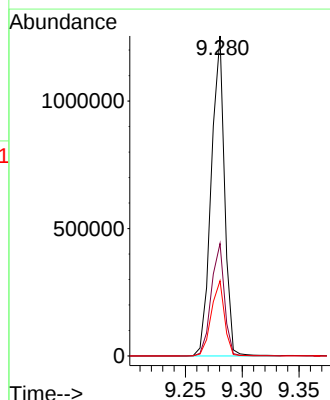
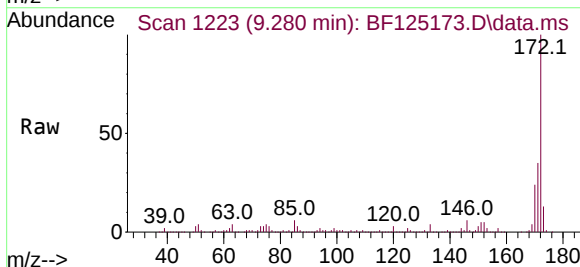
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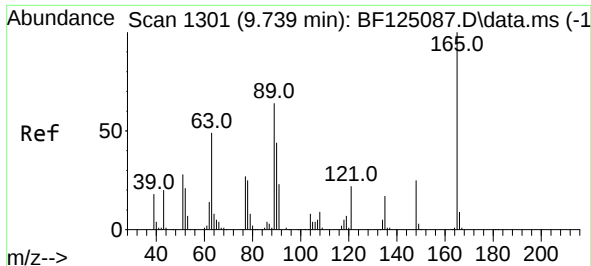
Tgt Ion: 330 Resp: 207543
Ion Ratio Lower Upper
330 100
332 97.4 76.2 114.4
141 33.4 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 51.251 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF125173.D
Acq: 24 Aug 2021 1:02

Tgt Ion: 172 Resp: 1020377
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 23.5 18.8 28.2

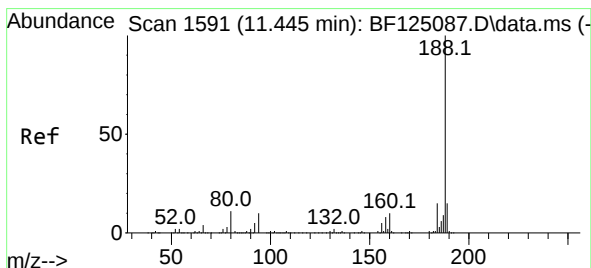
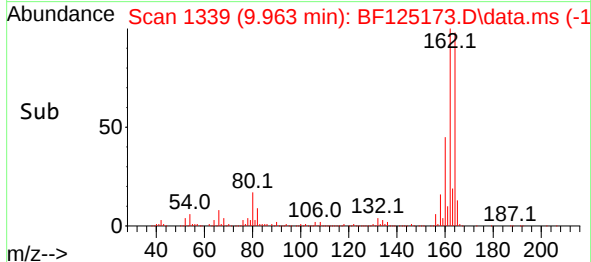
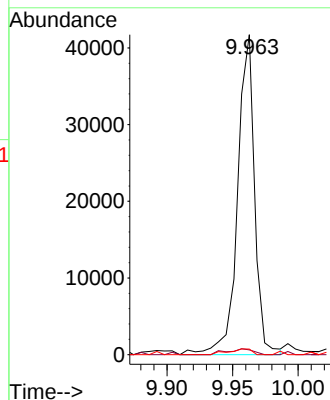
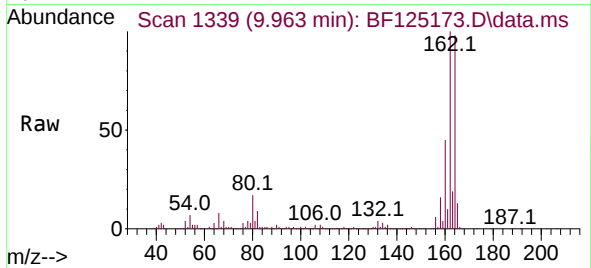




#51
2,6-Dinitrotoluene
Concen: 9.101 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.218 min
Lab File: BF125173.D
Acq: 24 Aug 2021 1:02

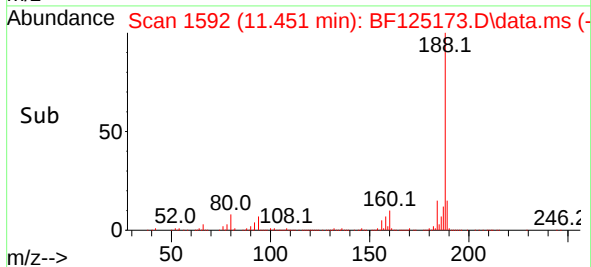
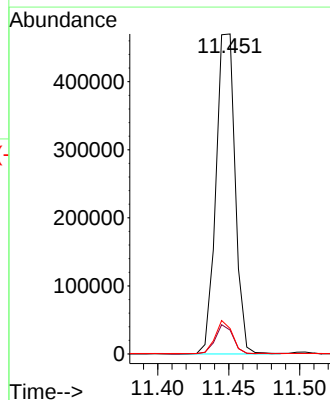
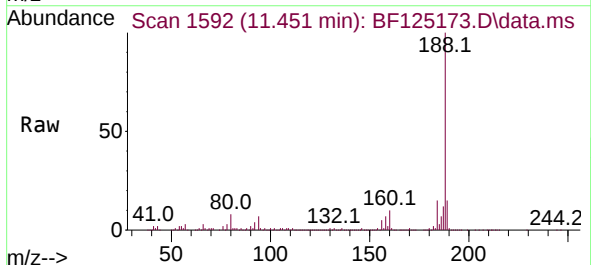
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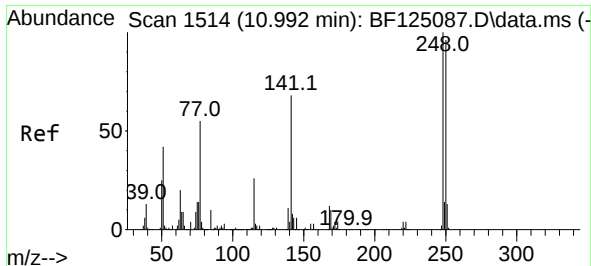
Tgt Ion:165 Resp: 37948
Ion Ratio Lower Upper
165 100
63 1.5 42.6 63.8#
89 1.8 40.6 60.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.000 min
Lab File: BF125173.D
Acq: 24 Aug 2021 1:02

Tgt Ion:188 Resp: 440218
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 7.9 7.5 11.3

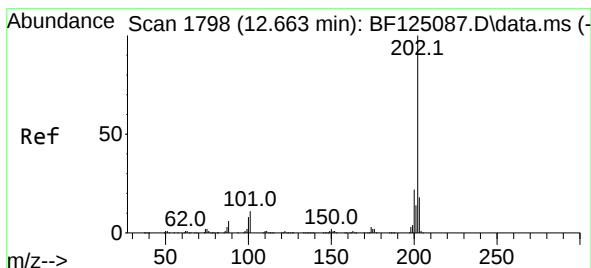
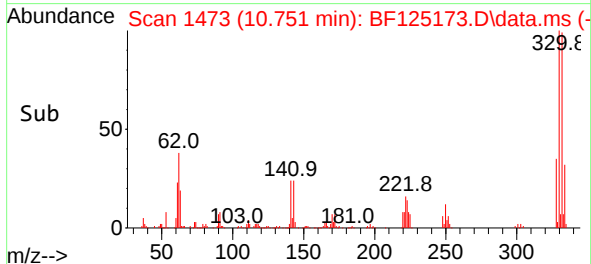
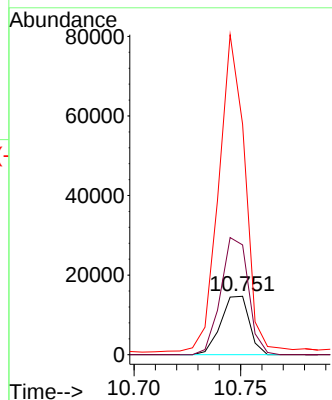
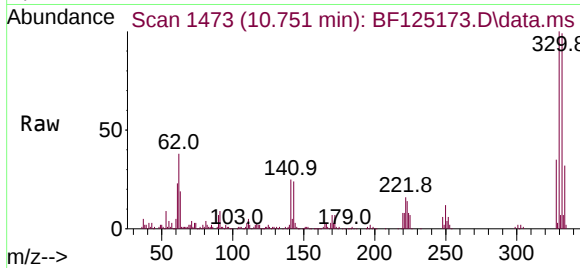




#67
4-Bromophenyl-phenylether
Concen: 2.577 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.241 min
Lab File: BF125173.D
Acq: 24 Aug 2021 1:02

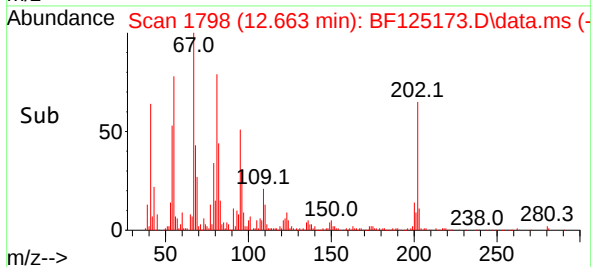
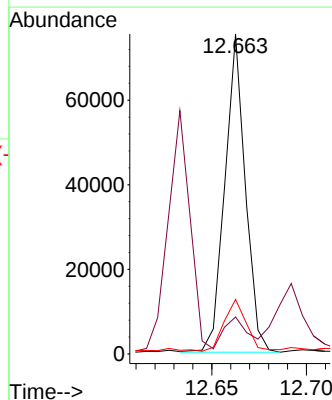
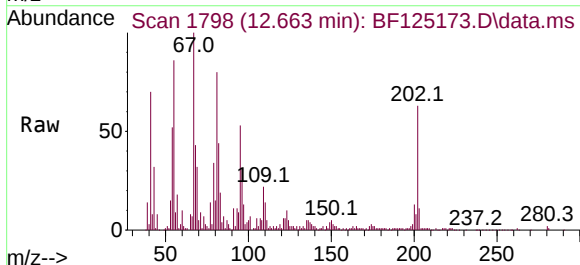
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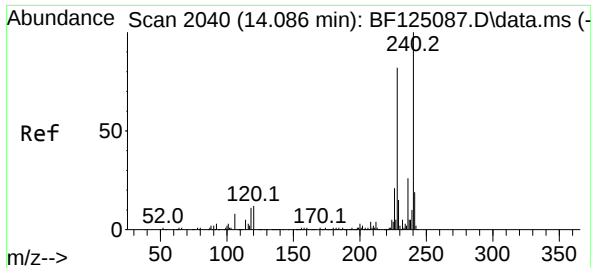
Tgt Ion:248 Resp: 13623
Ion Ratio Lower Upper
248 100
250 187.8 74.2 111.4#
141 394.4 60.4 90.6#



#75
Fluoranthene
Concen: 2.355 ng
RT: 12.663 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF125173.D
Acq: 24 Aug 2021 1:02

Tgt Ion:202 Resp: 56682
Ion Ratio Lower Upper
202 100
101 11.5 0.0 30.7
203 17.0 0.0 36.3

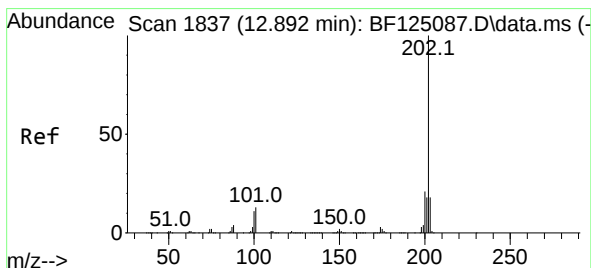
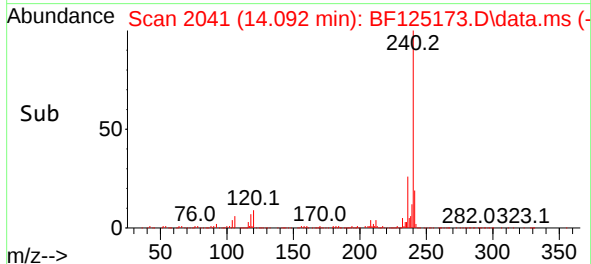
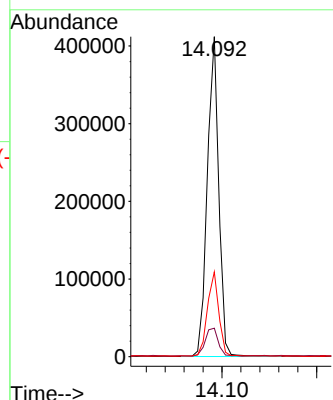
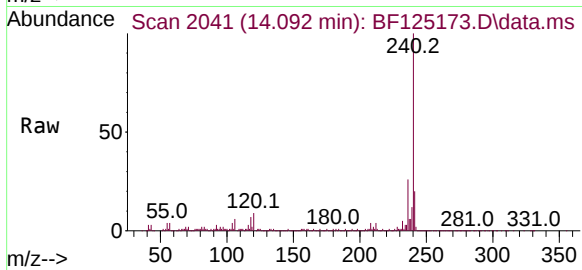




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF125173.D
Acq: 24 Aug 2021 1:02

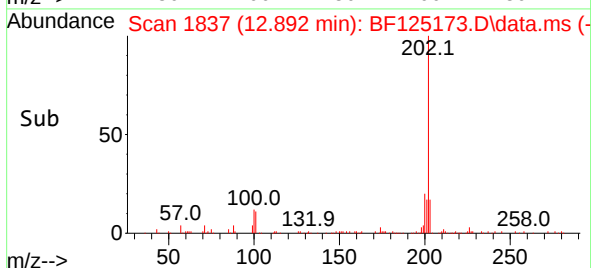
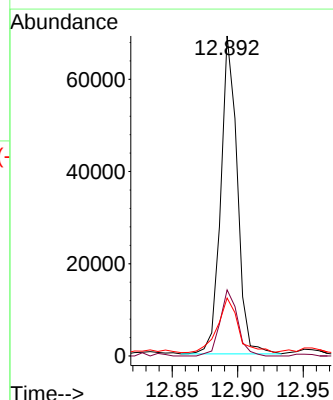
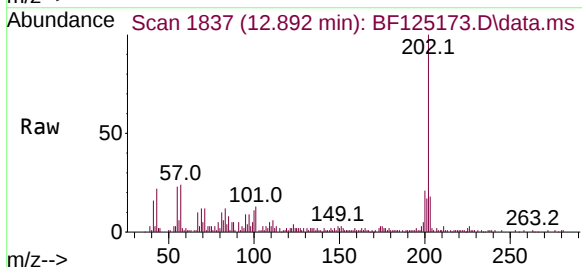
Instrument :
BNA_F
ClientSampleId :
SU-02-082021

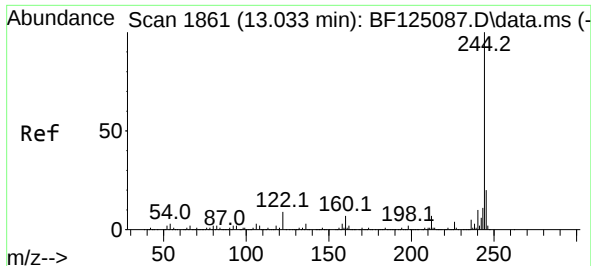
Tgt Ion:240 Resp: 343568
Ion Ratio Lower Upper
240 100
120 8.9 10.8 16.2#
236 26.5 21.6 32.4



#78
Pyrene
Concen: 2.043 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF125173.D
Acq: 24 Aug 2021 1:02

Tgt Ion:202 Resp: 60201
Ion Ratio Lower Upper
202 100
200 20.7 15.3 22.9
203 18.1 13.4 20.0

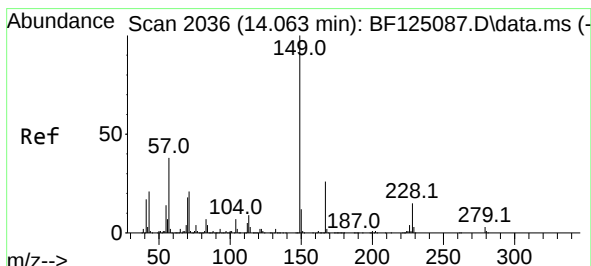
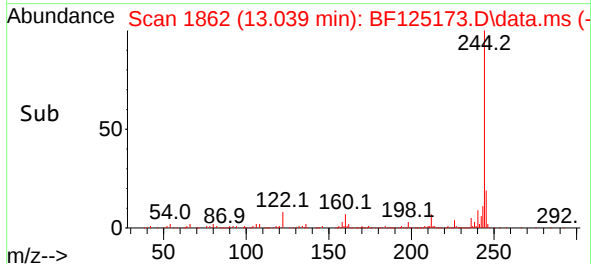
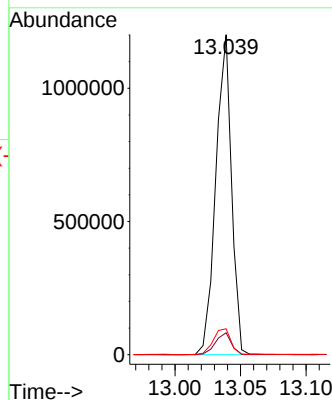
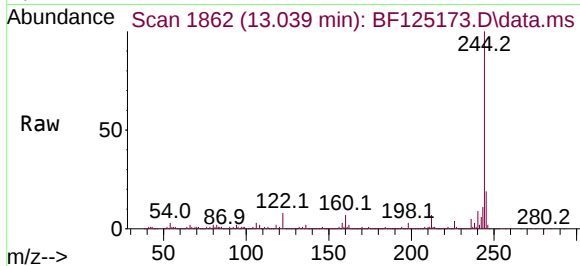




#79
 Terphenyl-d14
 Concen: 46.221 ng
 RT: 13.039 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: BF125173.D
 Acq: 24 Aug 2021 1:02

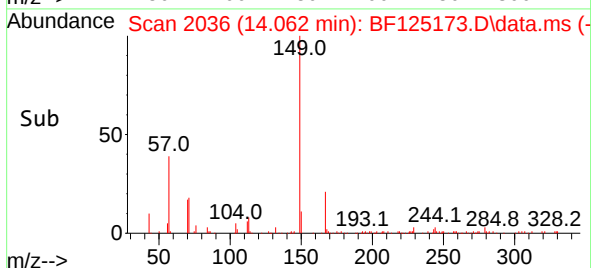
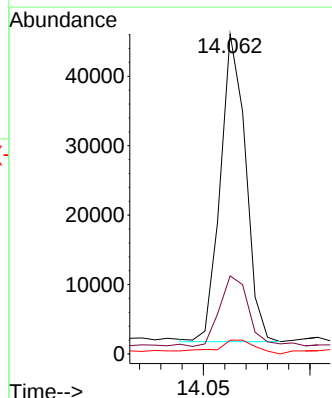
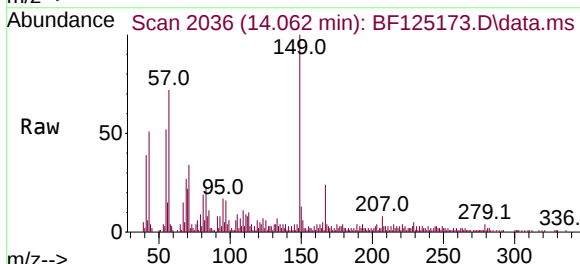
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-082021

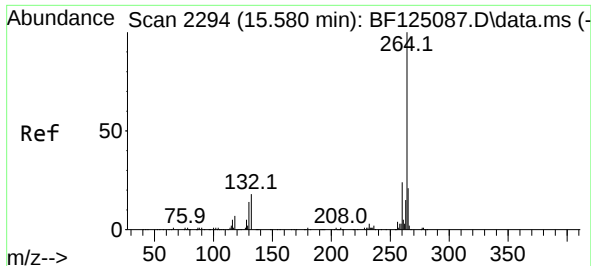
Tgt Ion:244 Resp: 996819
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 8.1 9.0 13.4#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.291 ng
 RT: 14.062 min Scan# 2036
 Delta R.T. -0.006 min
 Lab File: BF125173.D
 Acq: 24 Aug 2021 1:02

Tgt Ion:149 Resp: 36471
 Ion Ratio Lower Upper
 149 100
 167 24.4 21.4 32.0
 279 4.3 2.6 4.0#

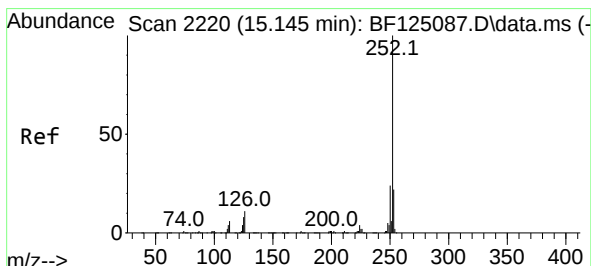
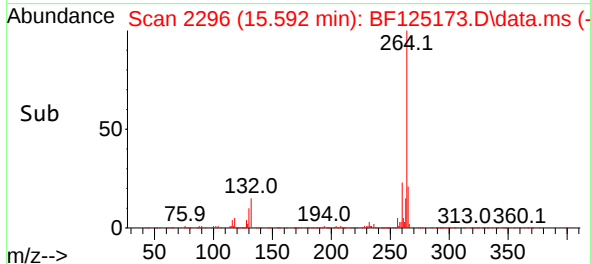
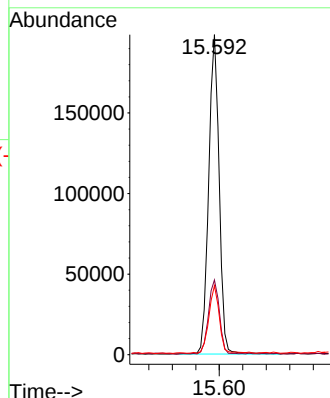
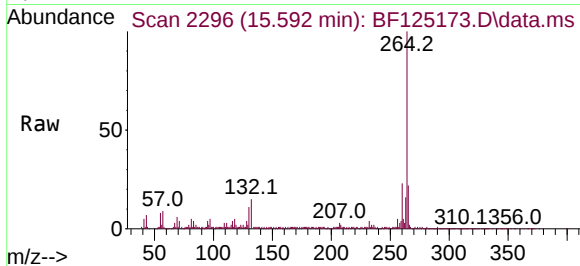




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BF125173.D
Acq: 24 Aug 2021 1:02

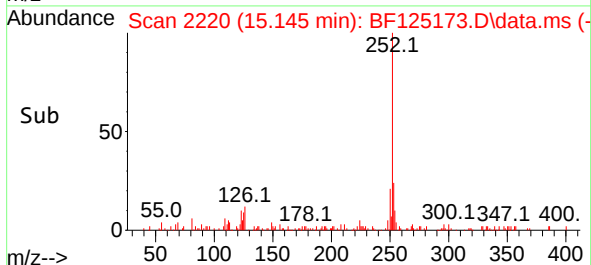
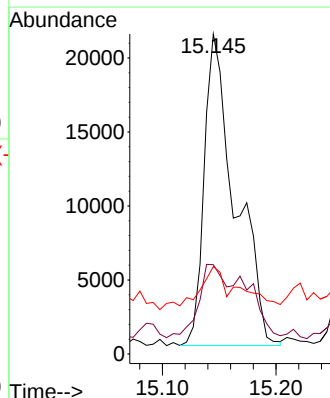
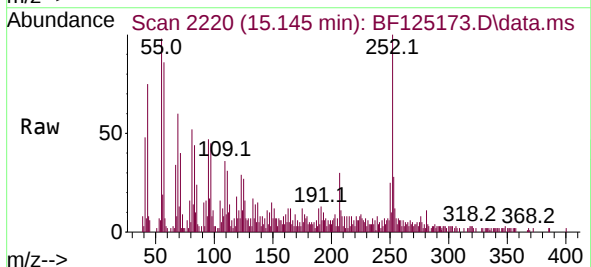
Instrument :
BNA_F
ClientSampleId :
SU-02-082021

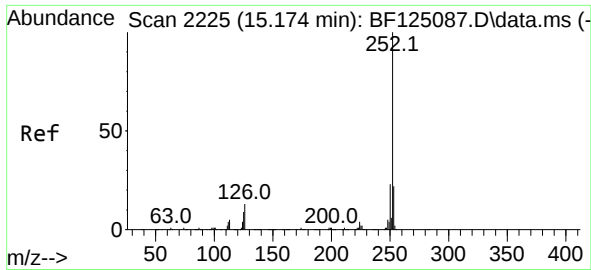
Tgt Ion:264	Resp:	245508
Ion Ratio	Lower	Upper
264	100	
260	23.3	19.6 29.4
265	21.6	17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 2.230 ng
RT: 15.145 min Scan# 2220
Delta R.T. -0.012 min
Lab File: BF125173.D
Acq: 24 Aug 2021 1:02

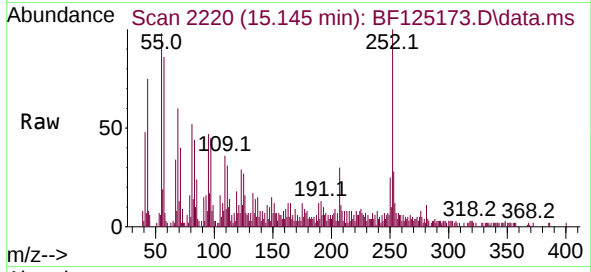
Tgt Ion:252	Resp:	40003
Ion Ratio	Lower	Upper
252	100	
253	27.9	16.8 25.2#
125	27.3	9.8 14.8#





#89
Benzo(k)fluoranthene
Concen: 2.390 ng
RT: 15.145 min Scan# 2220
Delta R.T. -0.041 min
Lab File: BF125173.D
Acq: 24 Aug 2021 1:02

Instrument :
BNA_F
ClientSampleId :
SU-02-082021



Tgt Ion:	252	Resp:	40003
Ion Ratio	Lower	Upper	
252	100		
253	27.9	17.8	26.8#
125	27.3	7.2	10.8#

