

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)

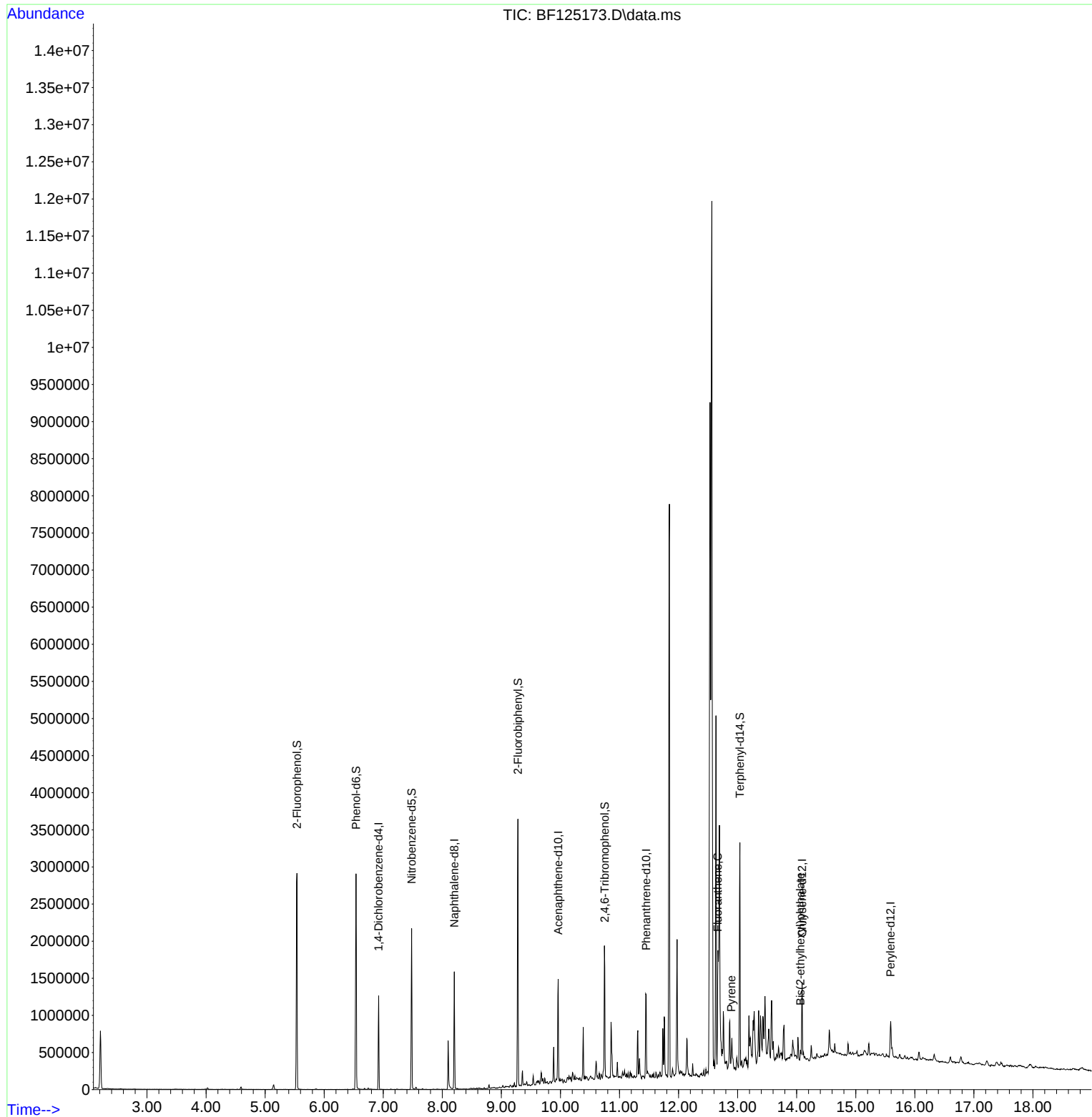
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	160602	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	585478	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	277484	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	440218	20.000	ng	0.00
76) Chrysene-d12	14.092	240	343568	20.000	ng	# 0.00
86) Perylene-d12	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
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

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

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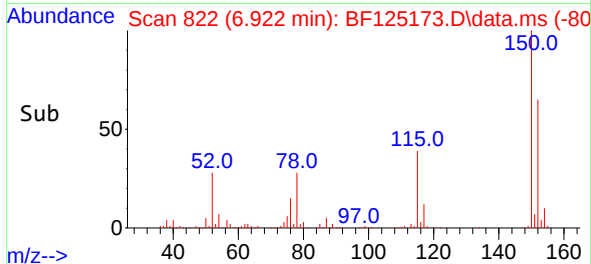
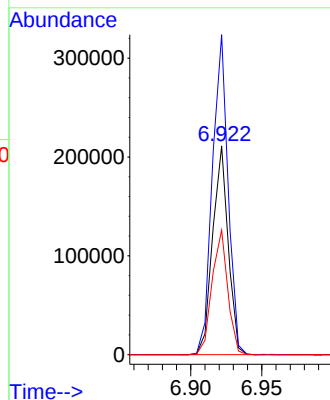
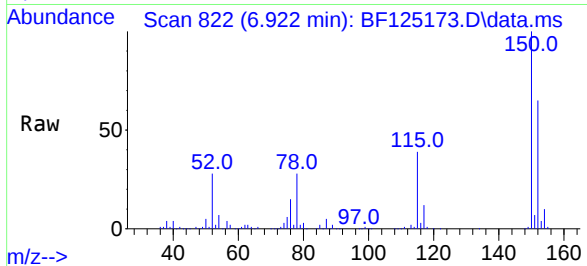




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF125173.D
Acq: 24 Aug 2021 1:02

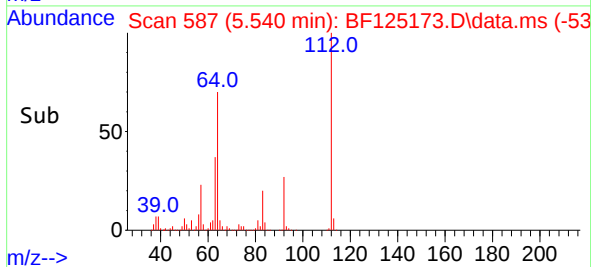
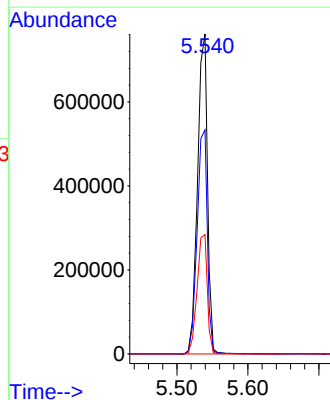
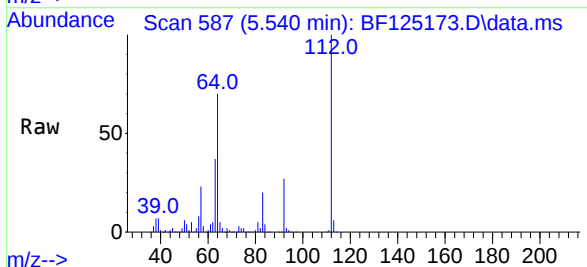
Instrument :
BNA_F
ClientSampleId :
SU-02-082021

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

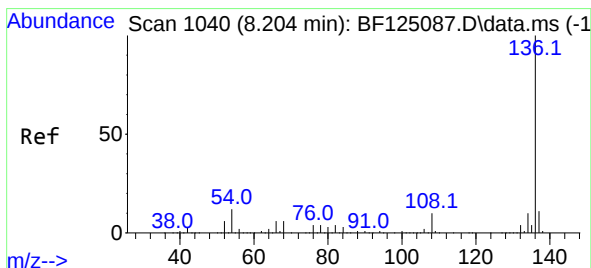
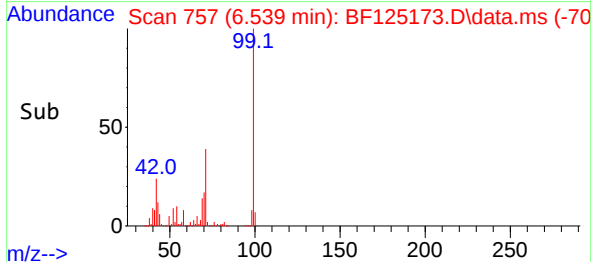
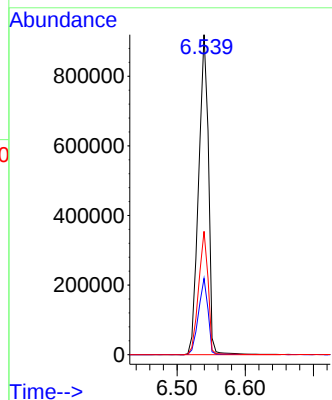
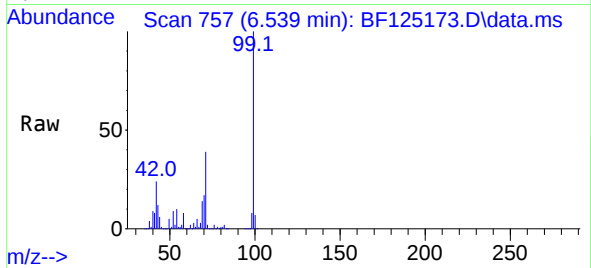




#7
Phenol-d6
Concen: 66.956 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF125173.D
Acq: 24 Aug 2021 1:02

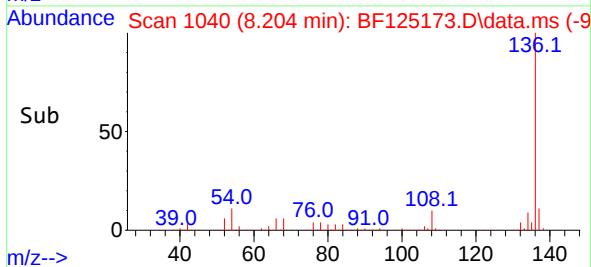
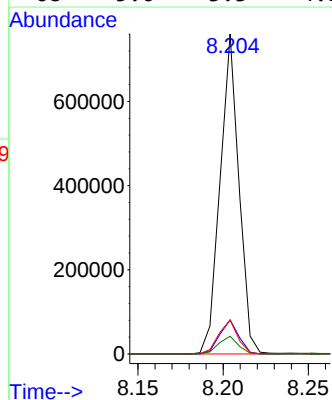
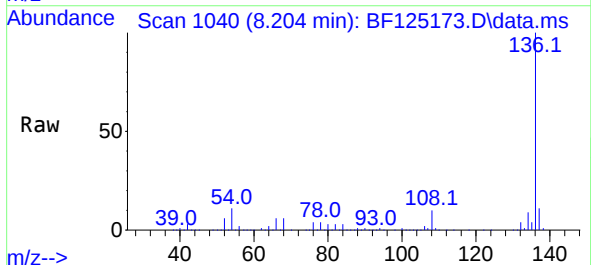
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BNA_F
ClientSampleId :
SU-02-082021

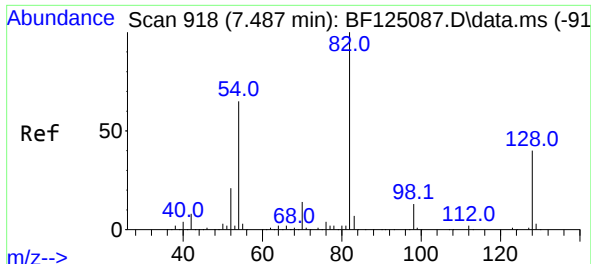
Tgt Ion: 99 Resp: 918835
Ion Ratio Lower Upper
99 100
42 23.8 23.5 35.3
71 38.5 25.6 38.4#



#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

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#

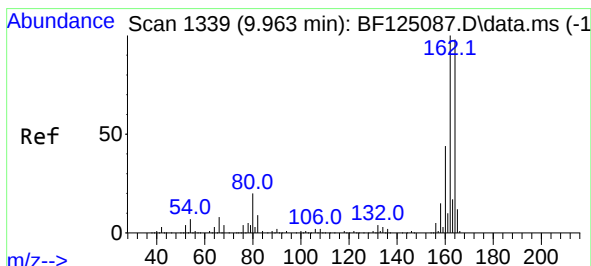
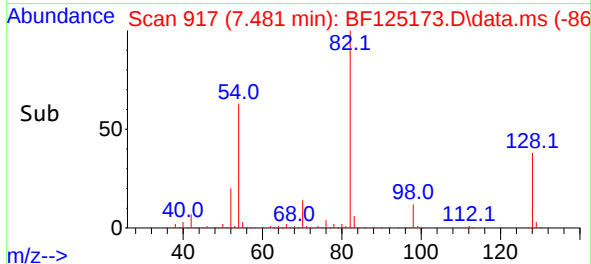
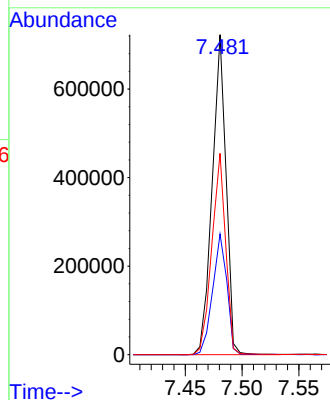
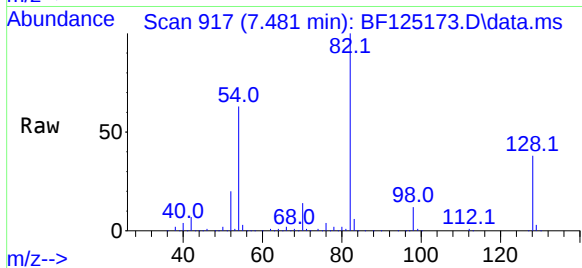




#23
Nitrobenzene-d5
Concen: 52.636 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125173.D
Acq: 24 Aug 2021 1:02

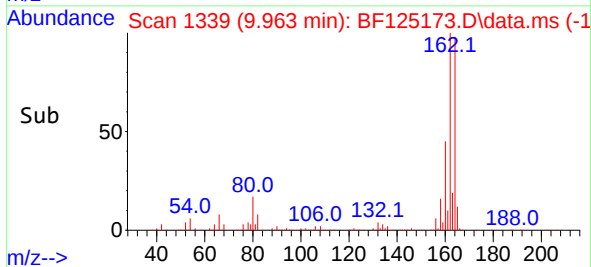
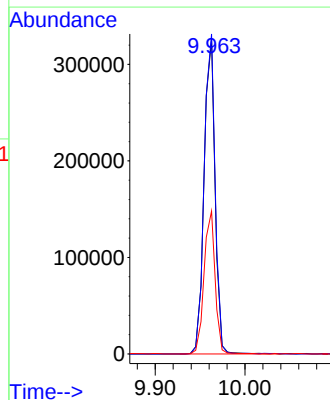
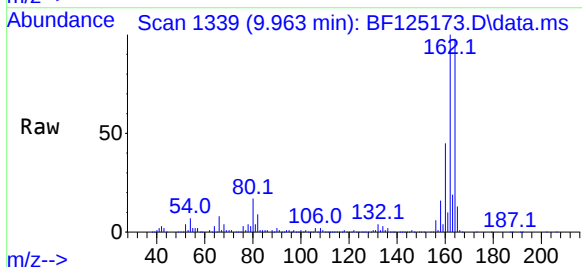
Instrument :
BNA_F
ClientSampleId :
SU-02-082021

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



#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

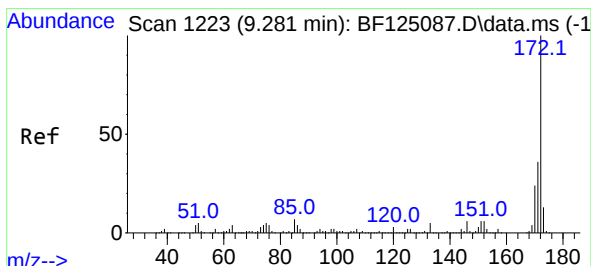
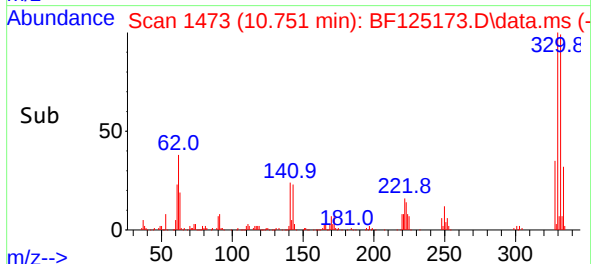
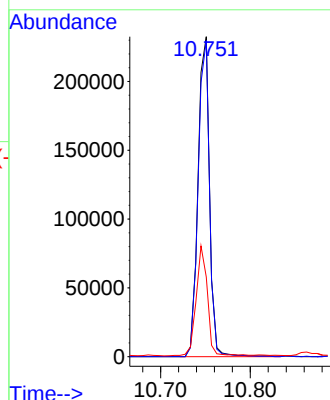
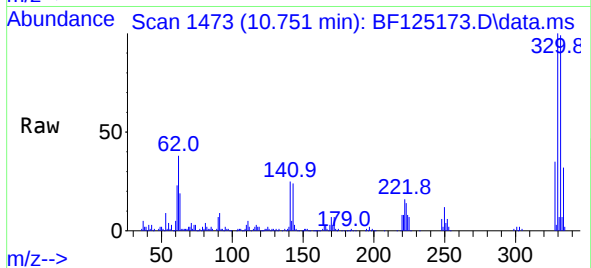




#42
2,4,6-Tribromophenol
Concen: 74.928 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF125173.D
Acq: 24 Aug 2021 1:02

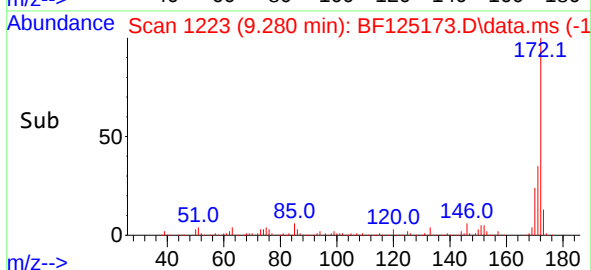
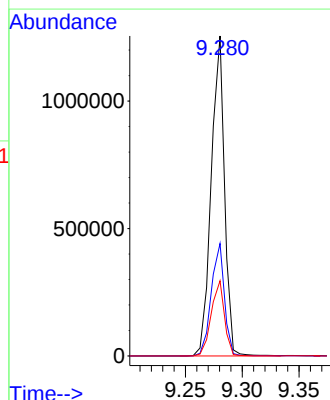
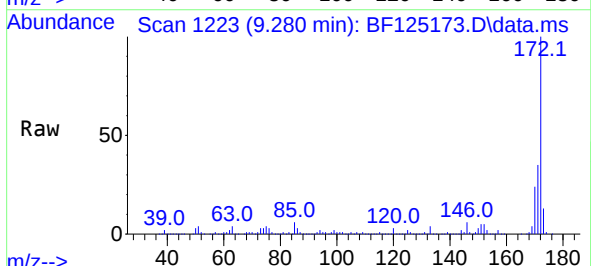
Instrument :
BNA_F
ClientSampleId :
SU-02-082021

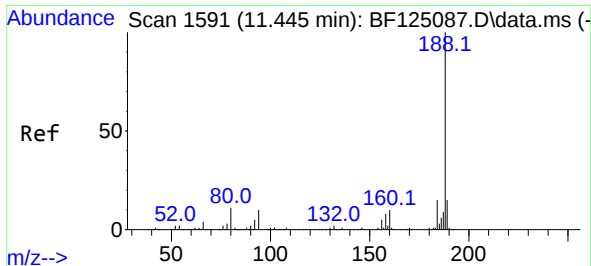
Tgt Ion: 330 Resp: 207543
Ion Ratio Lower Upper
330 100
332 97.4 76.2 114.4
141 33.4 44.6 66.8#



#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

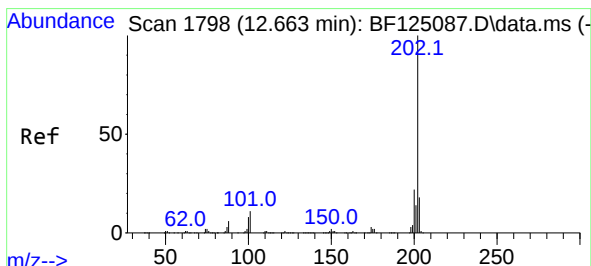
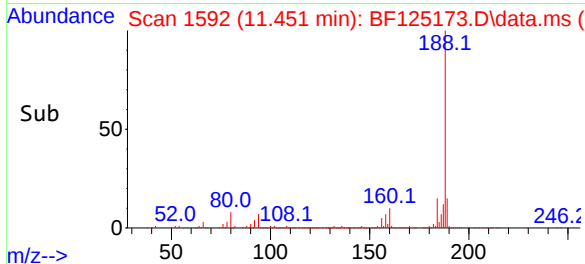
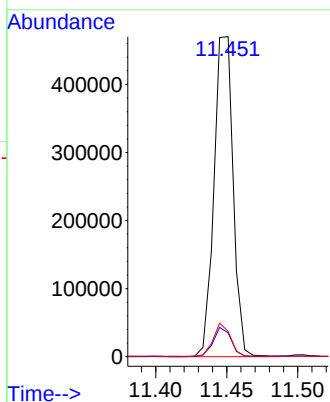
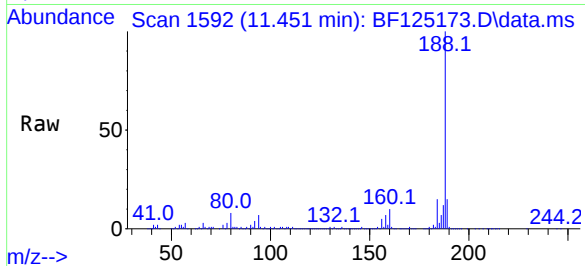




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.000 min
Lab File: BF125173.D
Acq: 24 Aug 2021 1:02

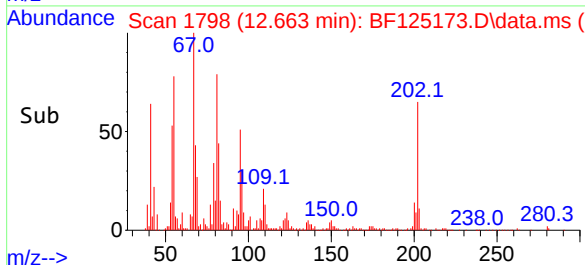
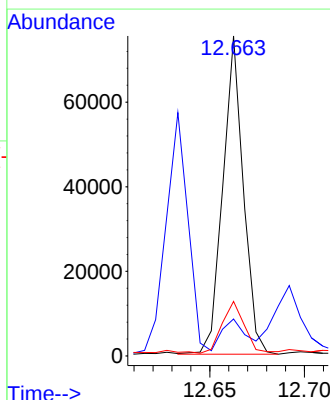
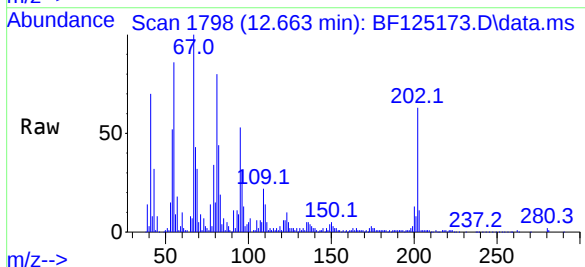
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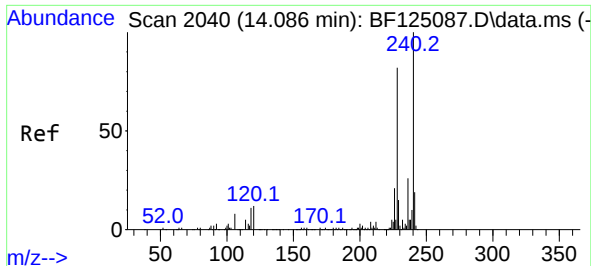
Tgt Ion:188 Resp: 440218
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 7.9 7.5 11.3



#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

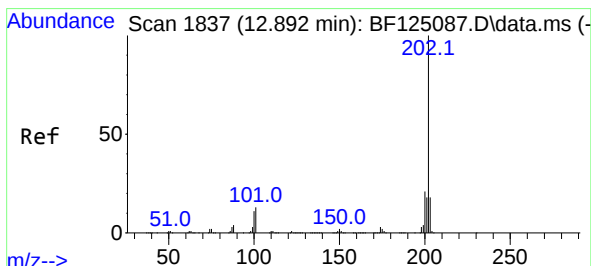
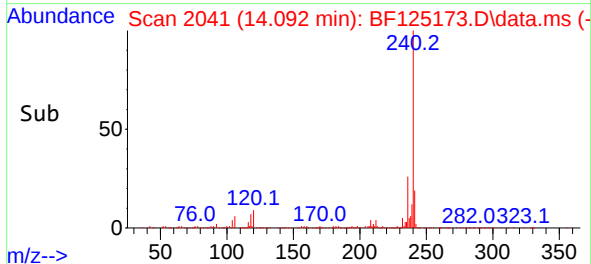
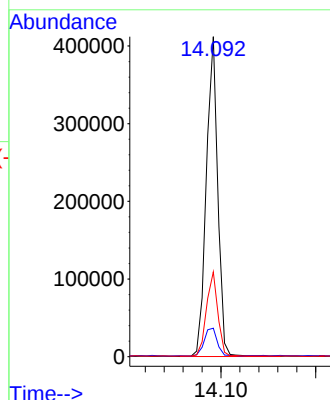
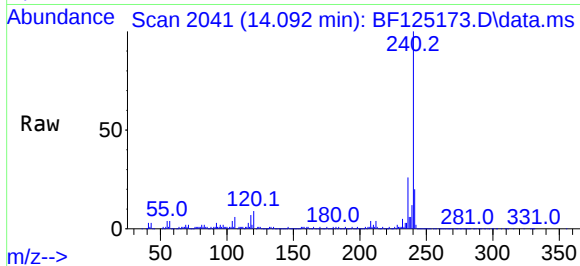




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF125173.D
Acq: 24 Aug 2021 1:02

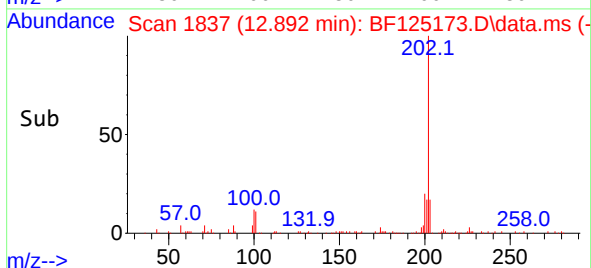
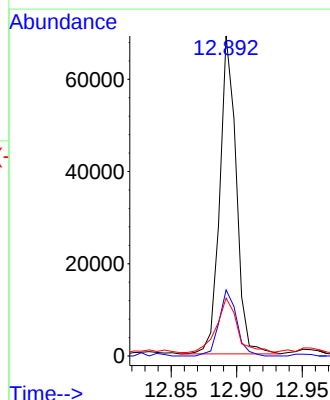
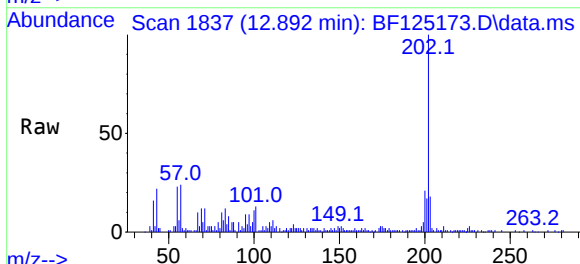
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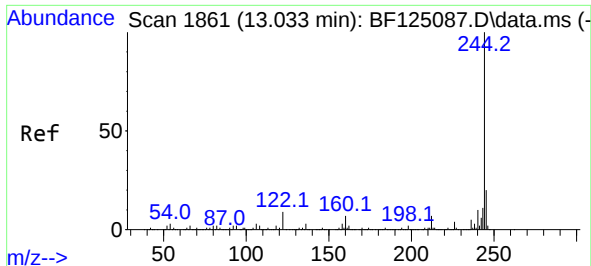
Tgt Ion:240 Resp: 343568
Ion Ratio Lower Upper
240 100
120 8.9 10.8 16.2#
236 26.5 21.6 32.4



#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

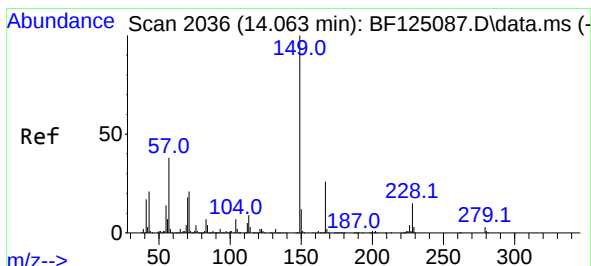
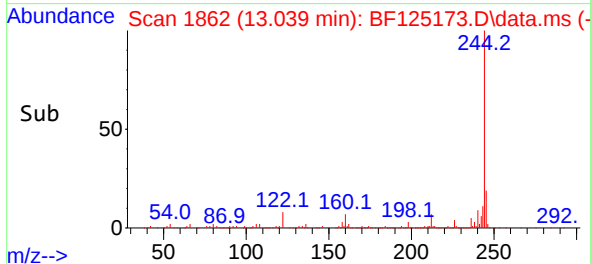
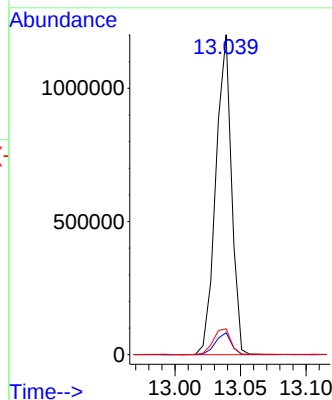
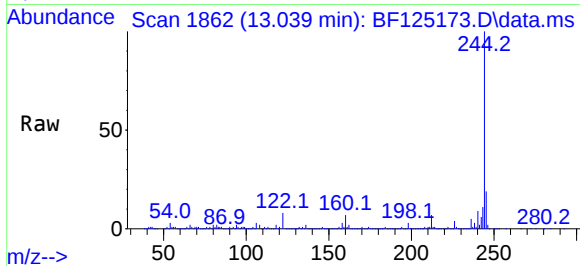




#79
Terphenyl-d14
Concen: 46.221 ng
RT: 13.039 min Scan# 1862
Delta R.T. 0.000 min
Lab File: BF125173.D
Acq: 24 Aug 2021 1:02

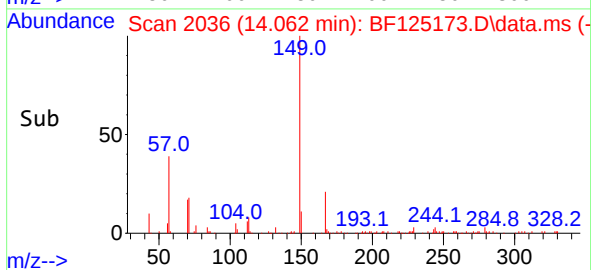
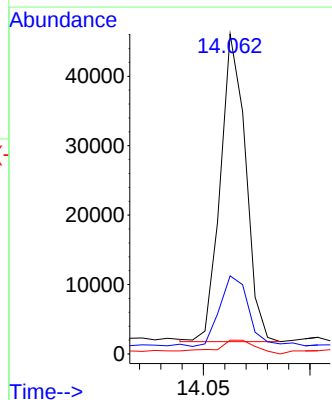
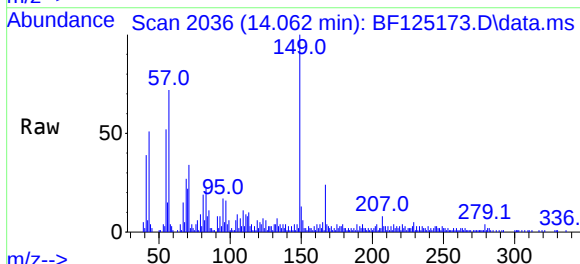
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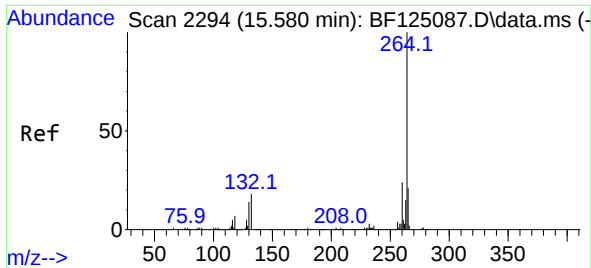
Tgt Ion:244 Resp: 996819
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 8.1 9.0 13.4#



#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

