

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081921\
 Data File : BF125112.D
 Acq On : 19 Aug 2021 13:55
 Operator : JU/CG
 Sample : M3443-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 210812088-02

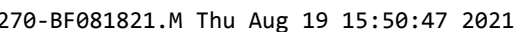
Quant Time: Aug 19 15:50:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 18 17:03:50 2021
 Response via : Initial Calibration

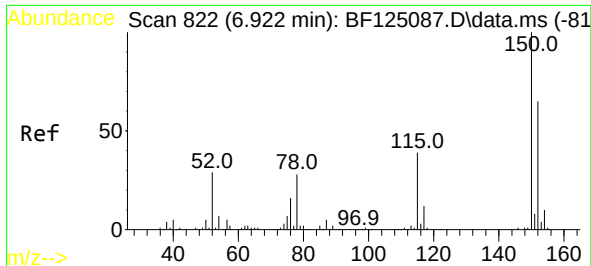
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	156403	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	613934	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	324450	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	601174	20.000	ng	0.00
76) Chrysene-d12	14.080	240	429299	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	333029	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	708	0.069	ng	-0.01
7) Phenol-d6	6.522	99	1627	0.122	ng	-0.02
23) Nitrobenzene-d5	7.481	82	1054099	86.439	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	185	0.057	ng	-0.01
45) 2-Fluorobiphenyl	9.280	172	1754715	75.377	ng	0.00
79) Terphenyl-d14	13.033	244	1954567	72.532	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	144852	18.020	ng	# 59
25) Isophorone	7.481	82	1052198	44.726	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	42445	8.706	ng	# 27
57) 2,4-Dinitrotoluene	9.957	165	42445	7.193	ng	# 19

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

Quant Time: Aug 19 15:50:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 18 17:03:50 2021
Response via : Initial Calibration

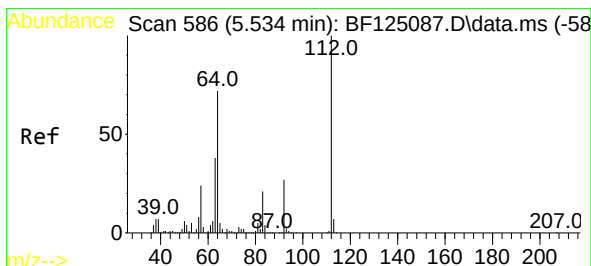
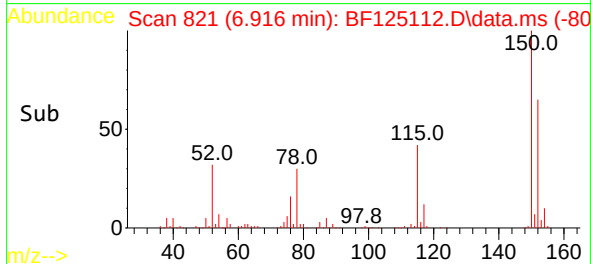
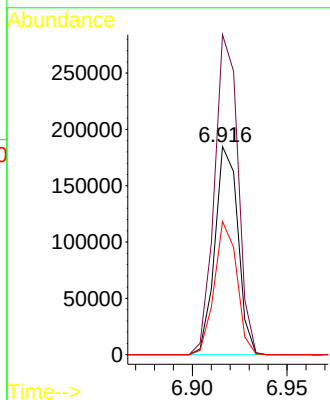
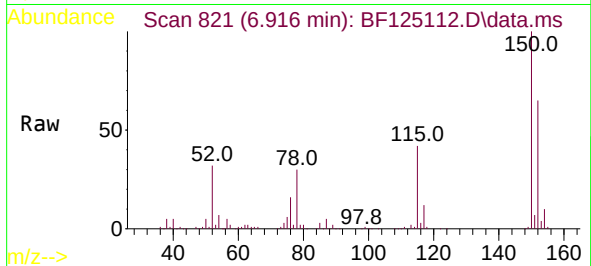




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF125112.D
Acq: 19 Aug 2021 13:55

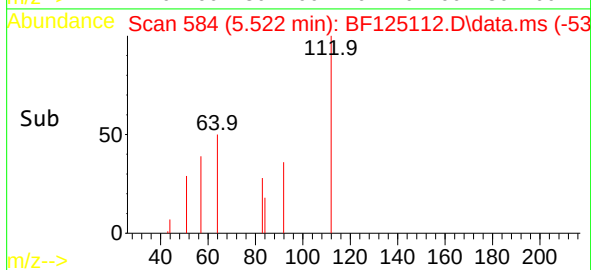
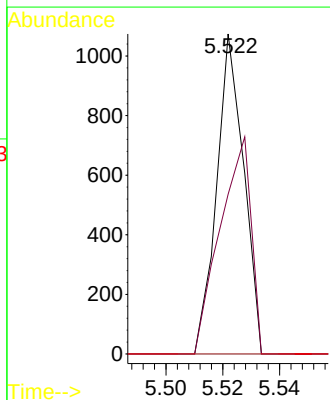
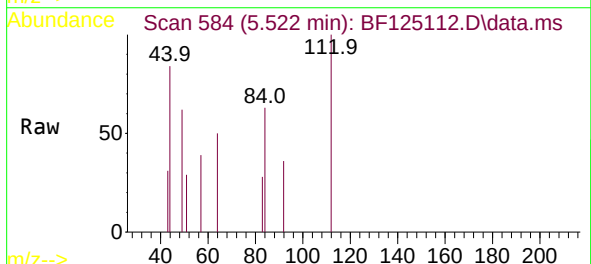
Instrument :
BNA_F
ClientSampleId :
210812088-02

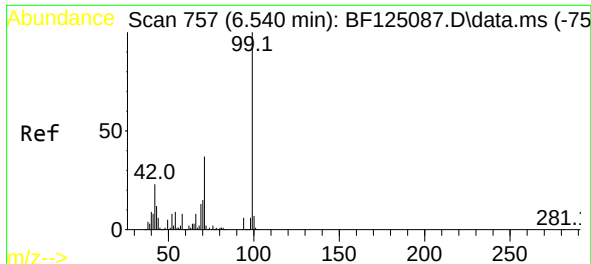
Tgt Ion:152 Resp: 156403
Ion Ratio Lower Upper
152 100
150 153.7 117.6 176.4
115 63.9 47.1 70.7



#5
2-Fluorophenol
Concen: 0.069 ng
RT: 5.522 min Scan# 584
Delta R.T. -0.012 min
Lab File: BF125112.D
Acq: 19 Aug 2021 13:55

Tgt Ion:112 Resp: 708
Ion Ratio Lower Upper
112 100
64 49.9 44.2 66.2
63 0.0 26.2 39.2#

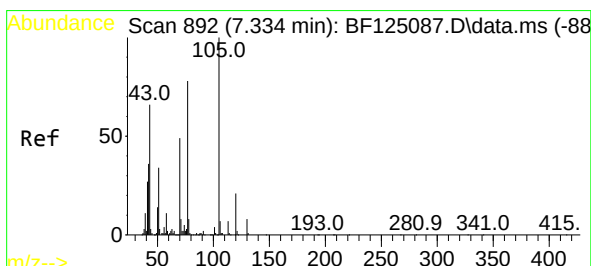
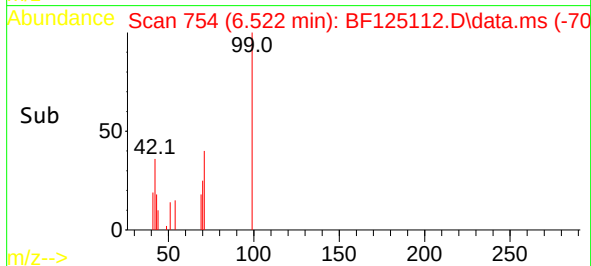
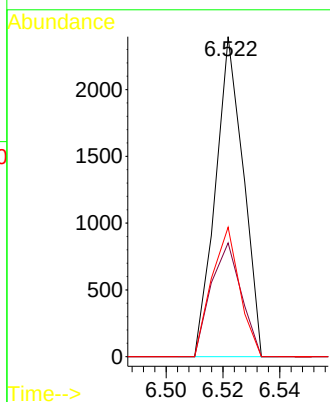
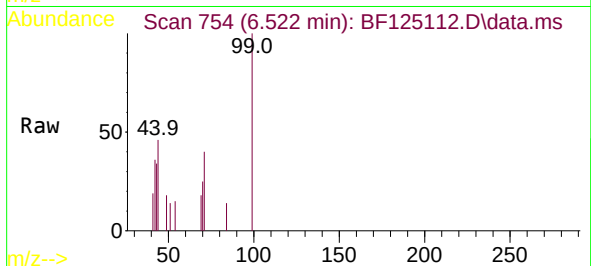




#7
Phenol-d6
Concen: 0.122 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.018 min
Lab File: BF125112.D
Acq: 19 Aug 2021 13:55

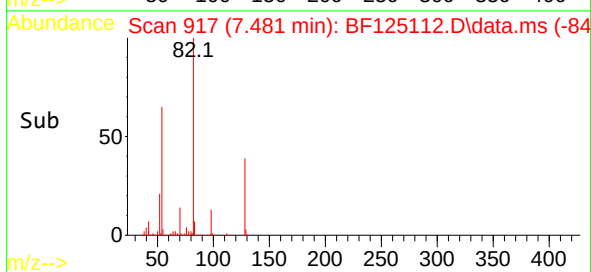
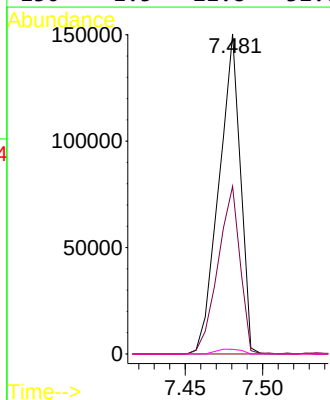
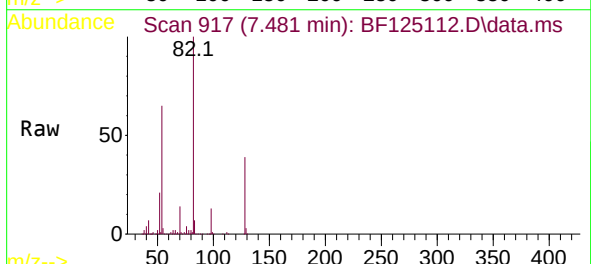
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ClientSampleId :
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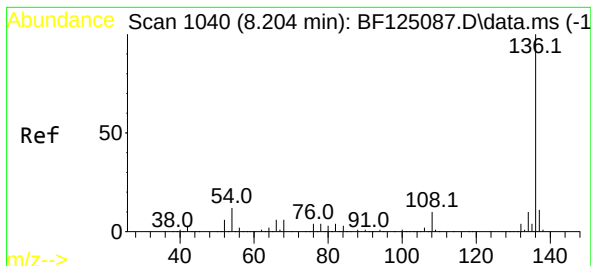
Tgt Ion: 99 Resp: 1627
Ion Ratio Lower Upper
99 100
42 35.6 23.5 35.3#
71 40.4 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 18.020 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.147 min
Lab File: BF125112.D
Acq: 19 Aug 2021 13:55

Tgt Ion: 70 Resp: 144852
Ion Ratio Lower Upper
70 100
42 52.4 72.2 108.2#
101 0.0 7.8 11.8#
130 1.5 21.8 32.6#

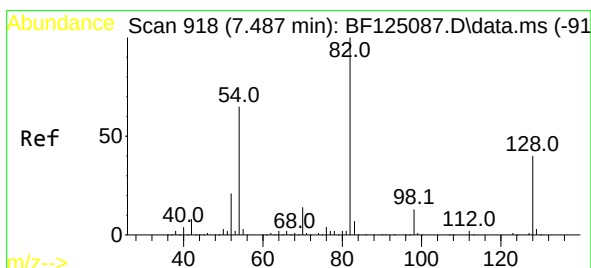
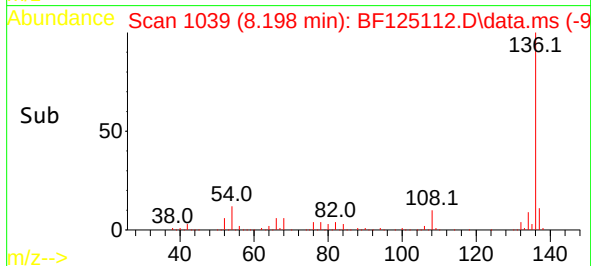
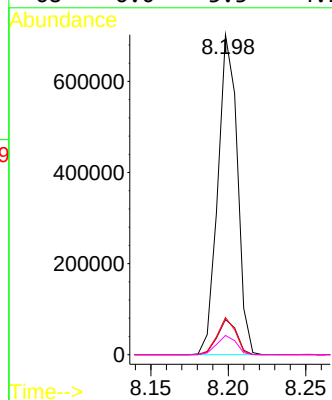
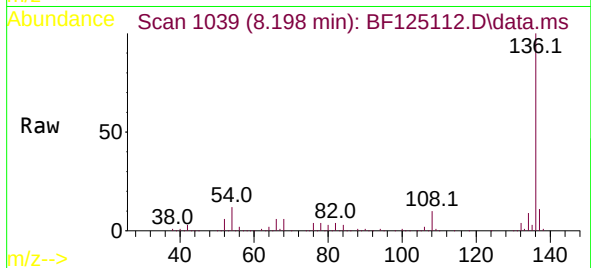




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF125112.D
Acq: 19 Aug 2021 13:55

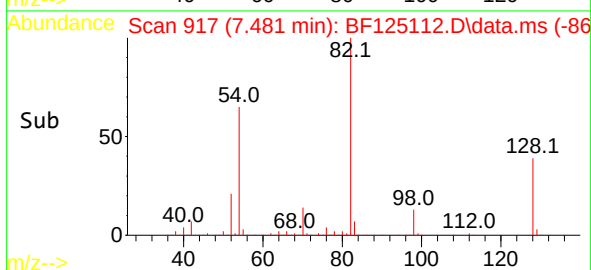
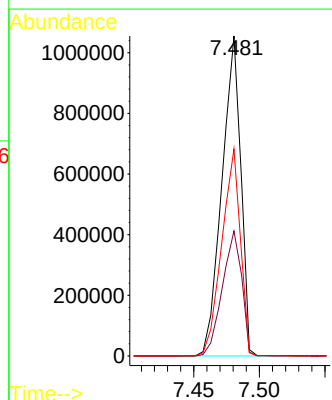
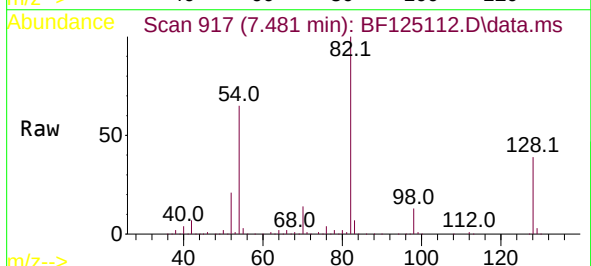
Instrument :
BNA_F
ClientSampleId :
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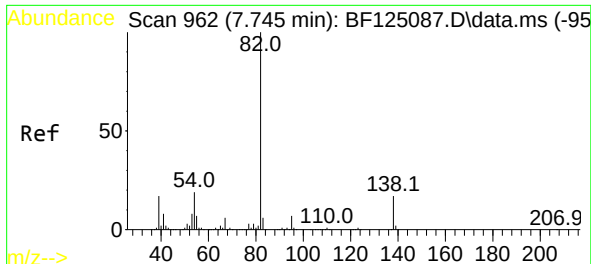
Tgt Ion:	136	Resp:	613934
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.8	14.6
54	11.6	6.4	9.6#
68	6.0	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 86.439 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125112.D
Acq: 19 Aug 2021 13:55

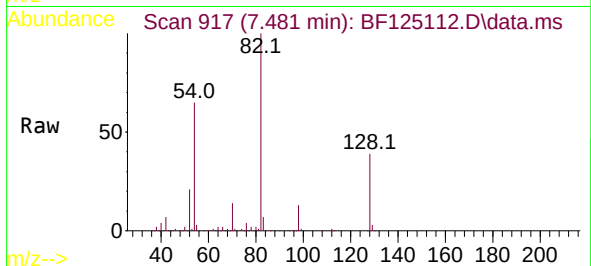
Tgt Ion:	82	Resp:	1054099
Ion Ratio	Lower	Upper	
82	100		
128	39.1	40.6	60.8#
54	64.7	49.6	74.4



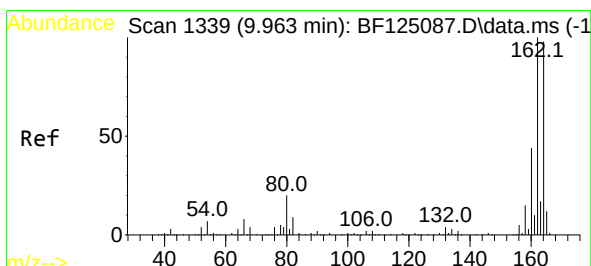
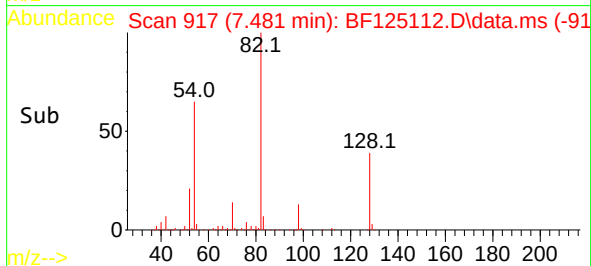
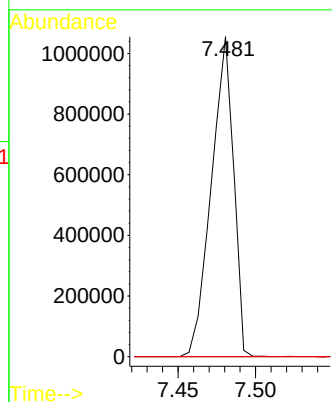


#25
Isophorone
Concen: 44.726 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125112.D
Acq: 19 Aug 2021 13:55

Instrument :
BNA_F
ClientSampleId :
210812088-02

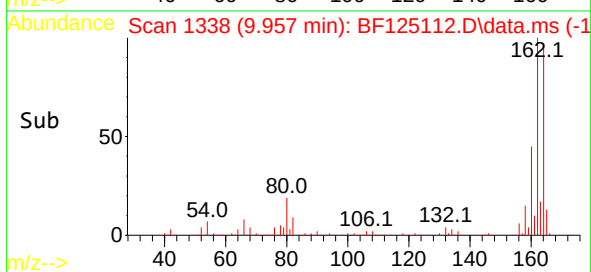
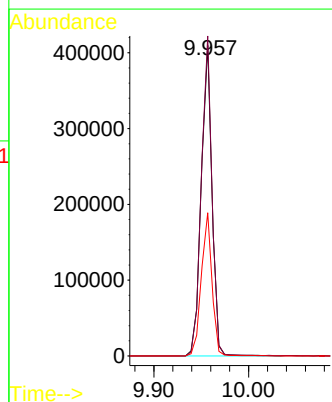
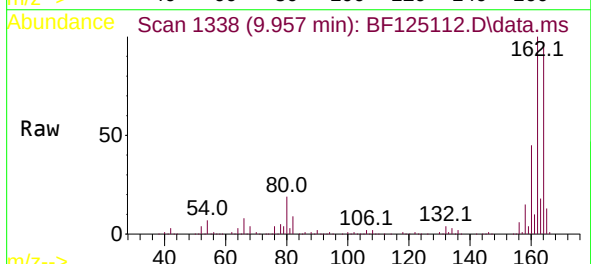


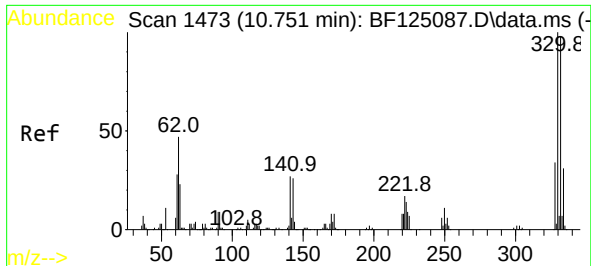
Tgt Ion: 82 Resp: 1052198
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125112.D
Acq: 19 Aug 2021 13:55

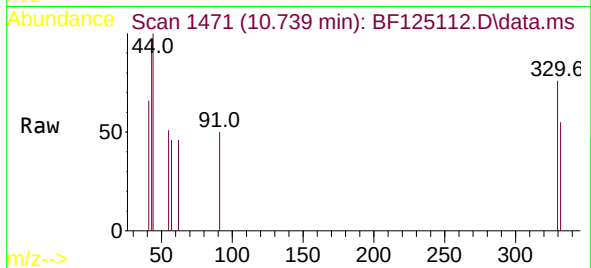
Tgt Ion: 164 Resp: 324450
Ion Ratio Lower Upper
164 100
162 103.0 81.3 121.9
160 46.1 38.0 57.0



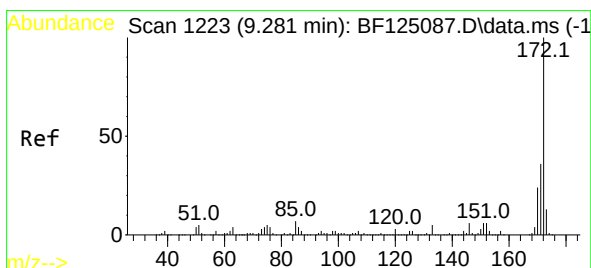
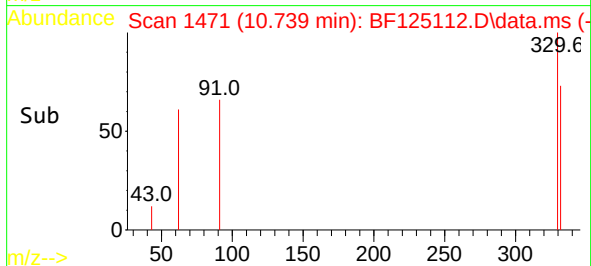
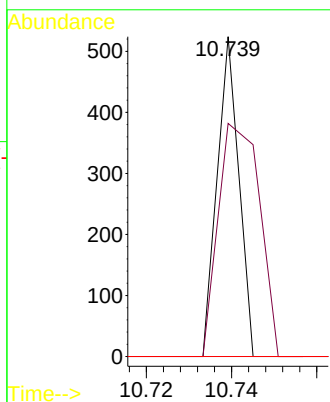


#42
2,4,6-Tribromophenol
Concen: 0.057 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.012 min
Lab File: BF125112.D
Acq: 19 Aug 2021 13:55

Instrument :
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ClientSampleId :
210812088-02

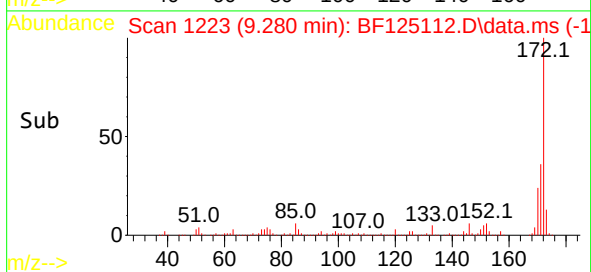
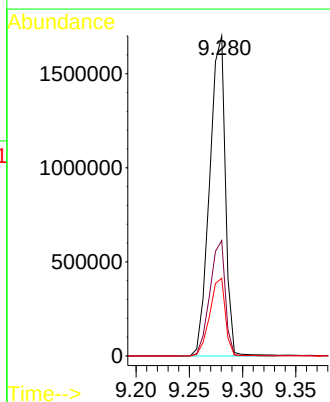
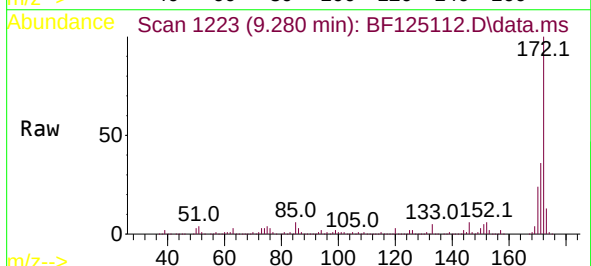


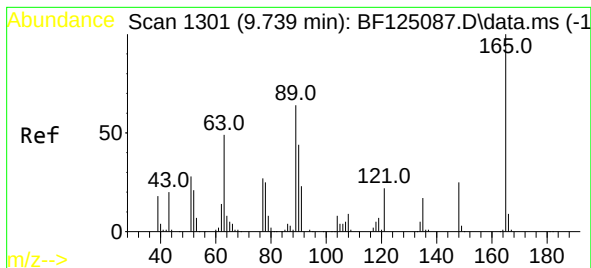
Tgt Ion: 330 Resp: 185
Ion Ratio Lower Upper
330 100
332 138.9 76.2 114.4#
141 0.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 75.377 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF125112.D
Acq: 19 Aug 2021 13:55

Tgt Ion: 172 Resp: 1754715
Ion Ratio Lower Upper
172 100
171 36.1 26.5 39.7
170 24.3 18.8 28.2

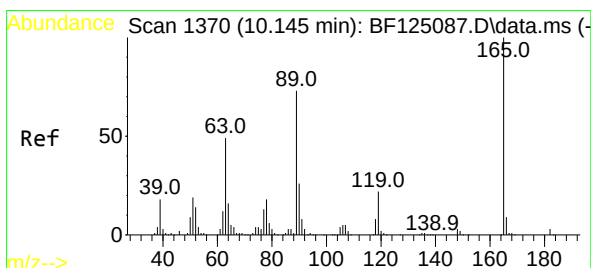
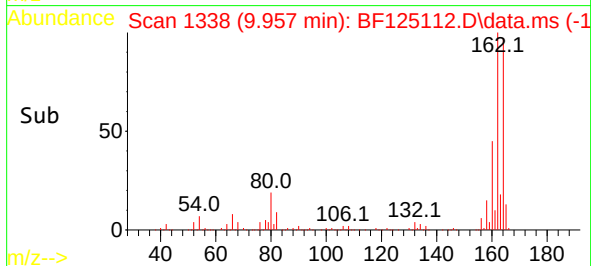
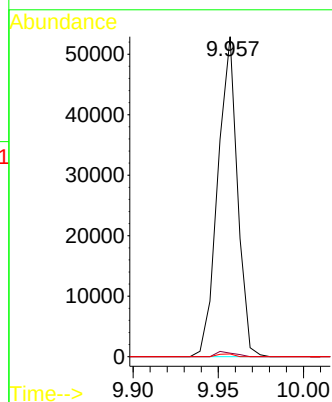
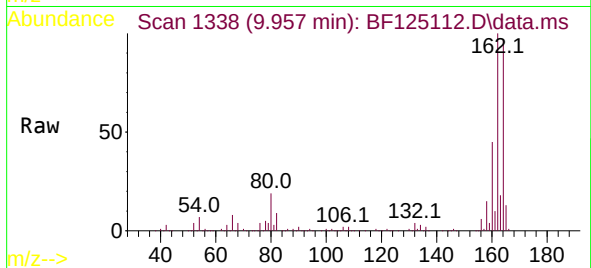




#51
2,6-Dinitrotoluene
Concen: 8.706 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF125112.D
Acq: 19 Aug 2021 13:55

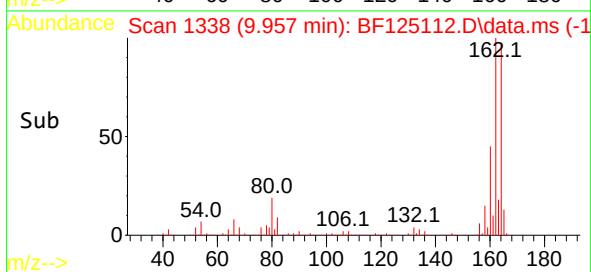
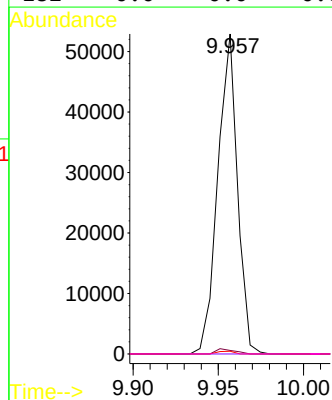
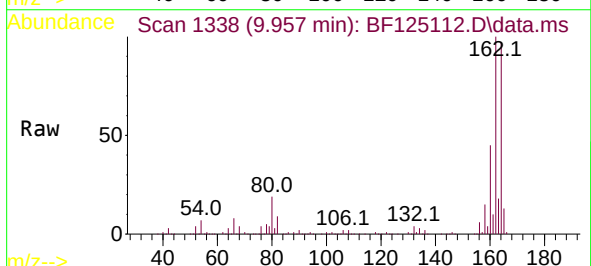
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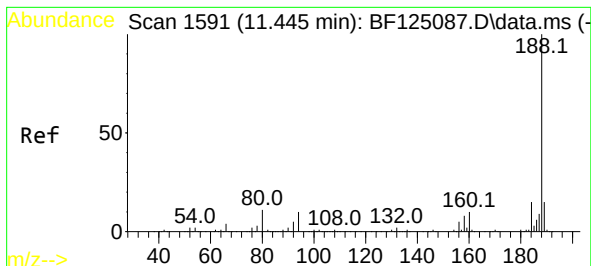
Tgt Ion:165 Resp: 42445
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 0.8 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.193 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF125112.D
Acq: 19 Aug 2021 13:55

Tgt Ion:165 Resp: 42445
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 0.8 59.7 89.5#
182 0.0 0.0 0.0

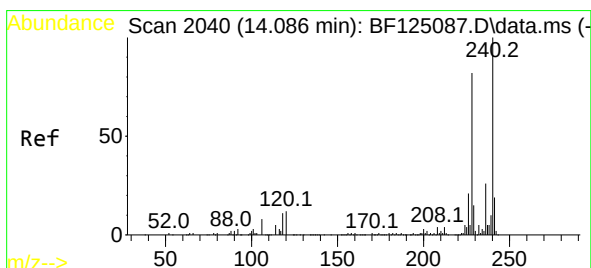
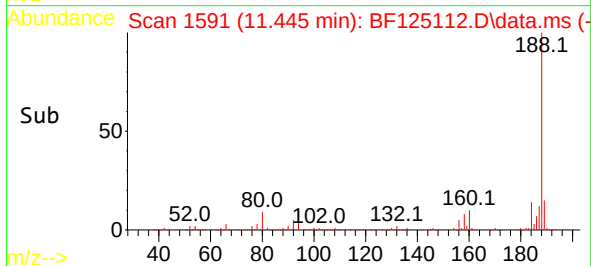
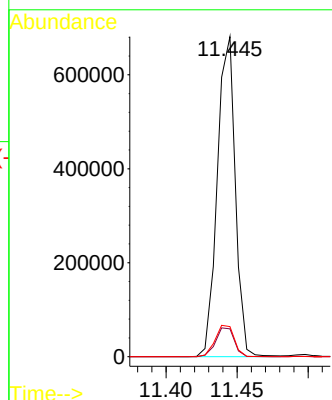
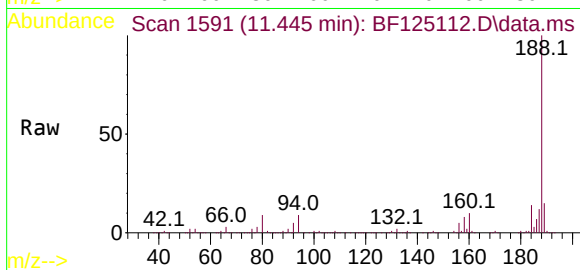




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF125112.D
Acq: 19 Aug 2021 13:55

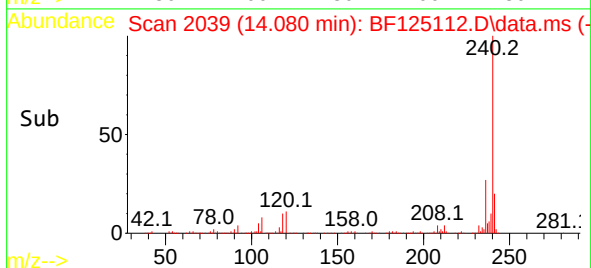
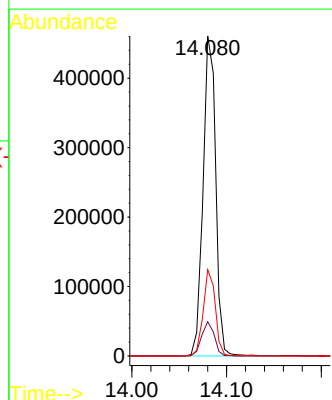
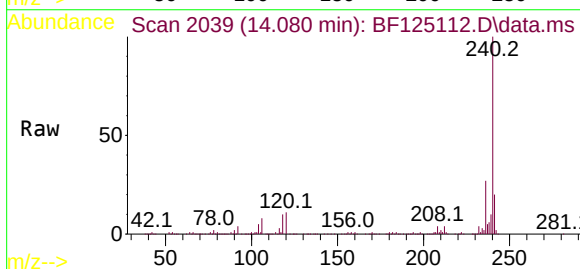
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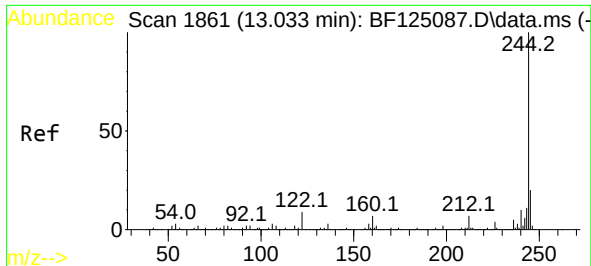
Tgt Ion:188 Resp: 601174
Ion Ratio Lower Upper
188 100
94 8.7 6.7 10.1
80 9.4 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF125112.D
Acq: 19 Aug 2021 13:55

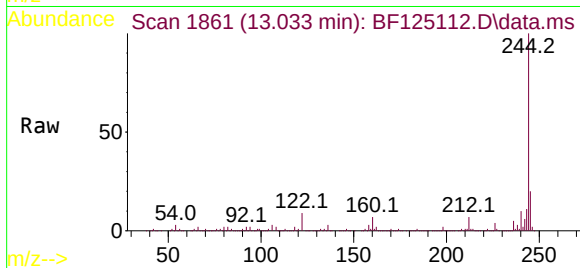
Tgt Ion:240 Resp: 429299
Ion Ratio Lower Upper
240 100
120 10.7 10.8 16.2#
236 27.0 21.6 32.4



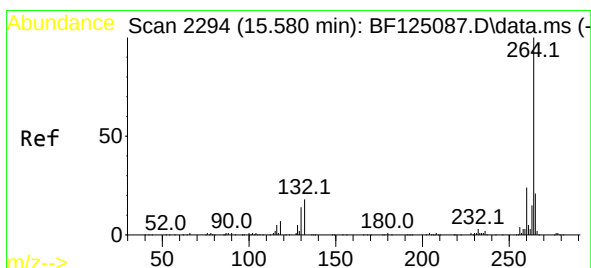
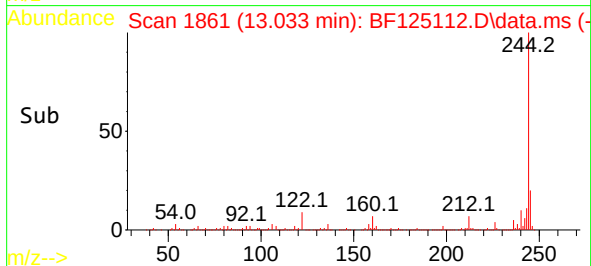
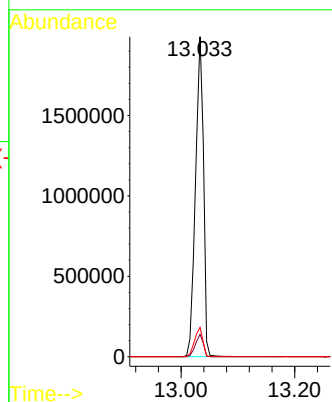


#79
Terphenyl-d14
Concen: 72.532 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BF125112.D
Acq: 19 Aug 2021 13:55

Instrument :
BNA_F
ClientSampleId :
210812088-02



Tgt Ion:244 Resp: 1954567
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 9.2 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. -0.000 min
Lab File: BF125112.D
Acq: 19 Aug 2021 13:55

Tgt Ion:264 Resp: 333029
Ion Ratio Lower Upper
264 100
260 24.7 19.6 29.4
265 22.1 17.2 25.8

