

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
 Data File : BF125465.D
 Acq On : 14 Sep 2021 2:41
 Operator : JU/CG
 Sample : M3711-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-091021

Quant Time: Sep 14 03:33:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 13 12:03:46 2021
 Response via : Initial Calibration

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

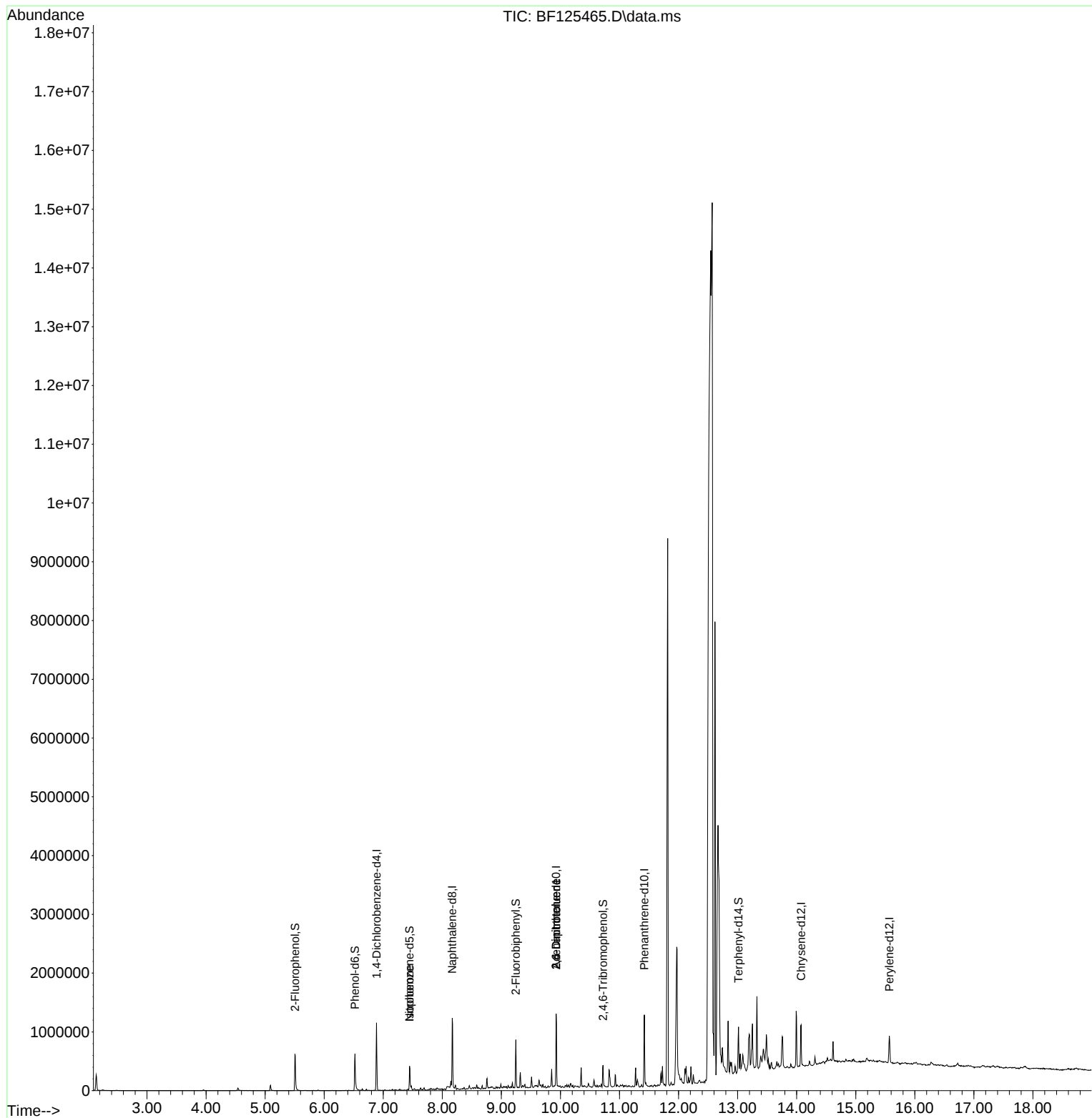
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	153992	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	541930	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	250779	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	434364	20.000	ng	0.00
76) Chrysene-d12	14.074	240	264135	20.000	ng	# 0.00
86) Perylene-d12	15.568	264	211170	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	187079	18.388	ng	0.00
7) Phenol-d6	6.522	99	234348	17.810	ng	-0.01
23) Nitrobenzene-d5	7.445	82	131145	12.183	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	48391	19.331	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	237163	13.181	ng	0.00
79) Terphenyl-d14	13.016	244	218874	13.201	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.445	82	131145	6.315	ng	# 59
51) 2,6-Dinitrotoluene	9.928	165	34560	9.171	ng	# 28
57) 2,4-Dinitrotoluene	9.928	165	34560	7.578	ng	# 20

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

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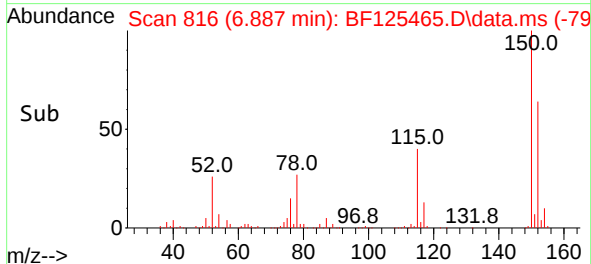
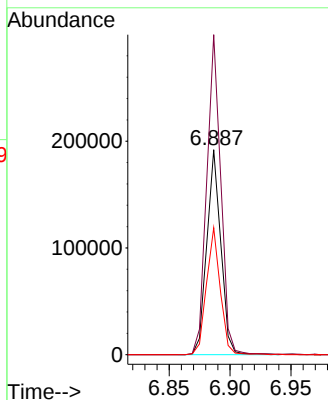
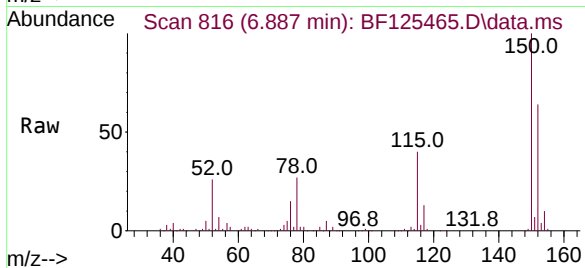




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 816
 Delta R.T. 0.001 min
 Lab File: BF125465.D
 Acq: 14 Sep 2021 2:41

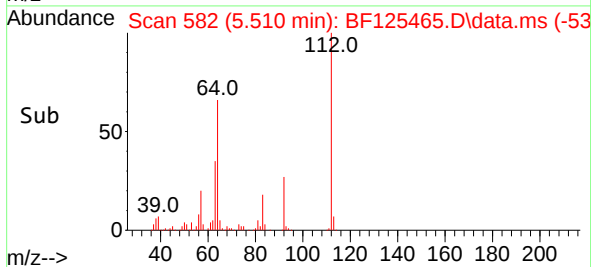
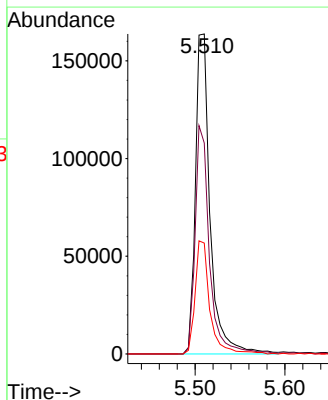
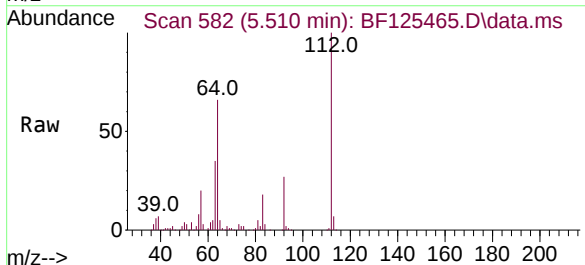
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 TR-04-091021

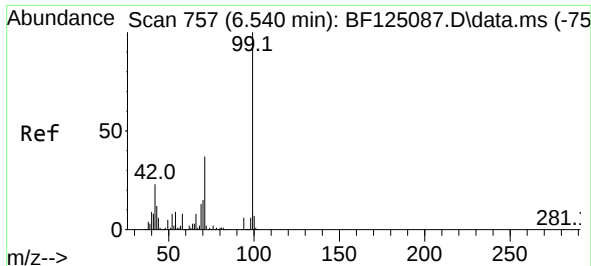
Tgt Ion:152 Resp: 153992
 Ion Ratio Lower Upper
 152 100
 150 156.1 117.6 176.4
 115 61.9 47.1 70.7



#5
 2-Fluorophenol
 Concen: 18.388 ng
 RT: 5.510 min Scan# 582
 Delta R.T. -0.006 min
 Lab File: BF125465.D
 Acq: 14 Sep 2021 2:41

Tgt Ion:112 Resp: 187079
 Ion Ratio Lower Upper
 112 100
 64 65.9 44.2 66.2
 63 34.7 26.2 39.2

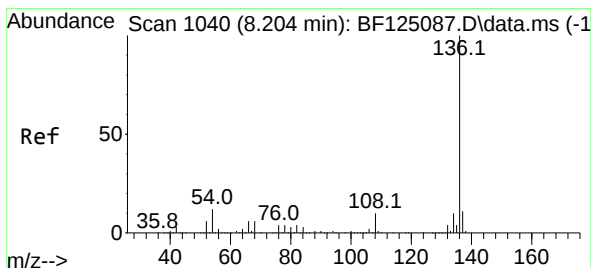
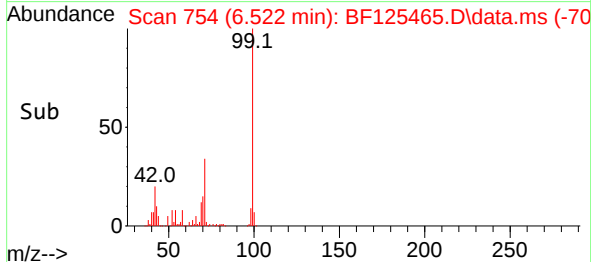
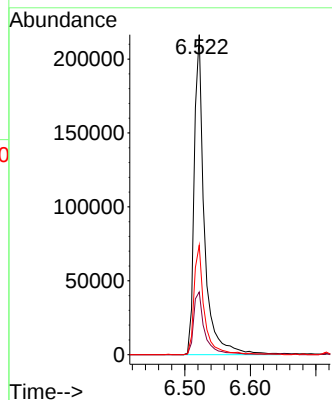
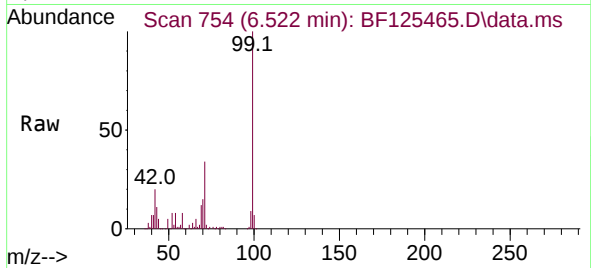




#7
Phenol-d6
Concen: 17.810 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF125465.D
Acq: 14 Sep 2021 2:41

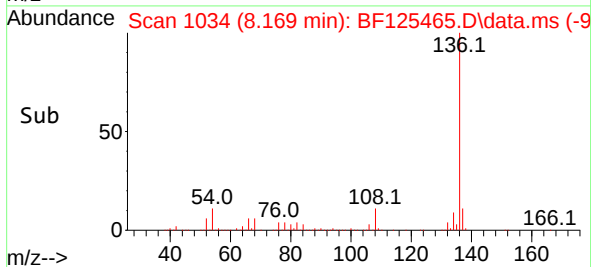
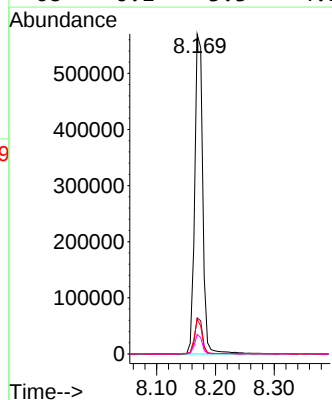
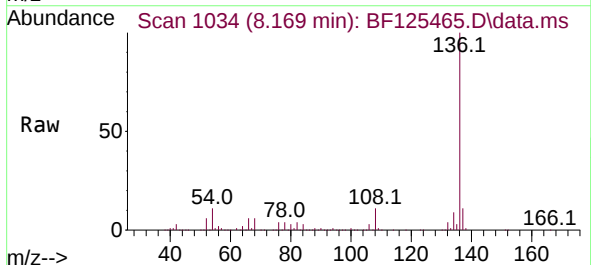
Instrument :
BNA_F
ClientSampleId :
TR-04-091021

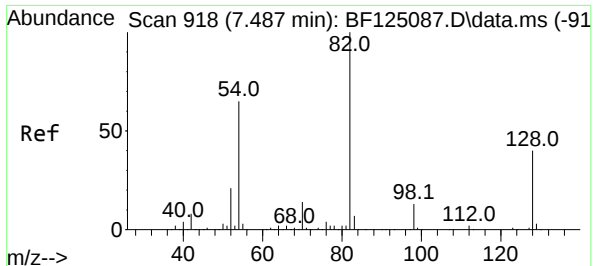
Tgt Ion: 99 Resp: 234348
Ion Ratio Lower Upper
99 100
42 19.6 23.5 35.3#
71 34.2 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125465.D
Acq: 14 Sep 2021 2:41

Tgt Ion: 136 Resp: 541930
Ion Ratio Lower Upper
136 100
137 11.3 9.8 14.6
54 10.9 6.4 9.6#
68 6.1 3.3 4.9#

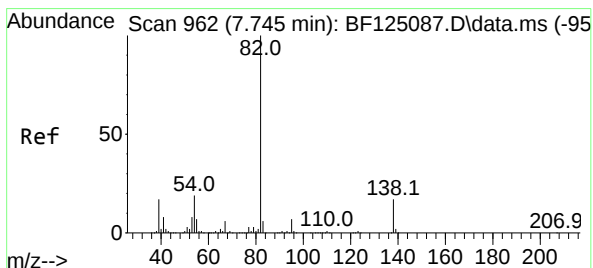
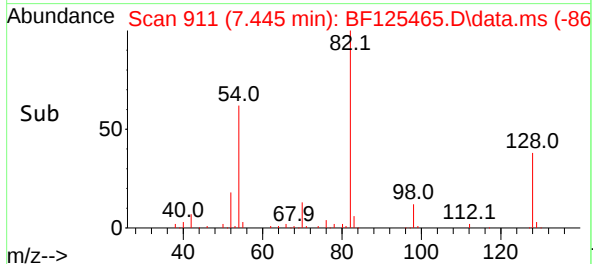
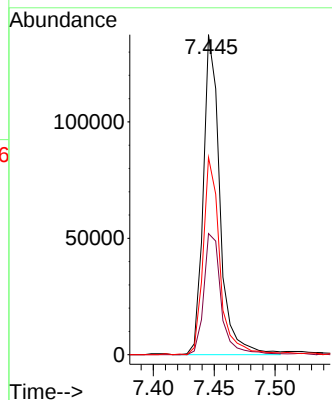
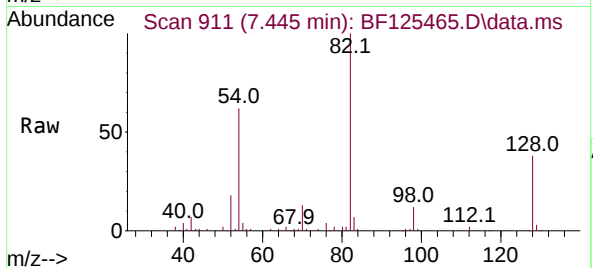




#23
Nitrobenzene-d5
Concen: 12.183 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF125465.D
Acq: 14 Sep 2021 2:41

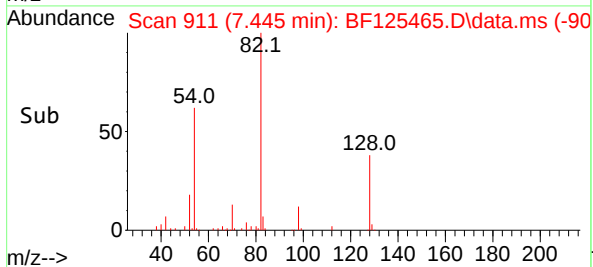
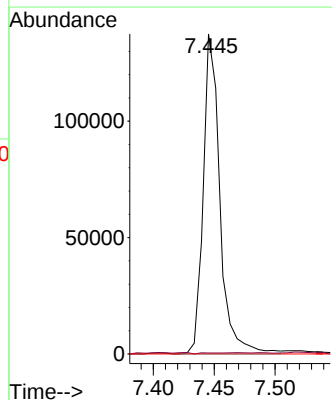
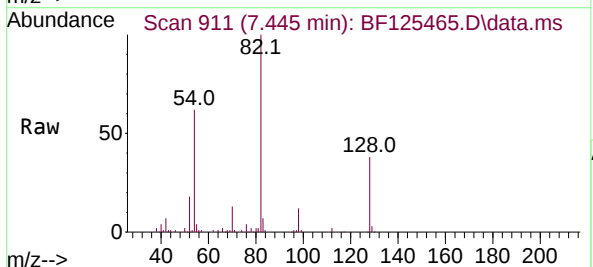
Instrument :
BNA_F
ClientSampleId :
TR-04-091021

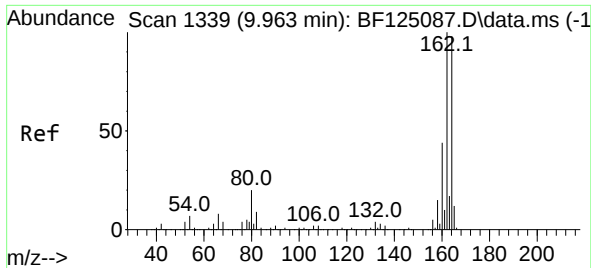
Tgt Ion: 82 Resp: 131145
Ion Ratio Lower Upper
82 100
128 37.9 40.6 60.8#
54 61.6 49.6 74.4



#25
Isophorone
Concen: 6.315 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.270 min
Lab File: BF125465.D
Acq: 14 Sep 2021 2:41

Tgt Ion: 82 Resp: 131145
Ion Ratio Lower Upper
82 100
95 0.3 6.5 9.7#
138 0.0 18.4 27.6#

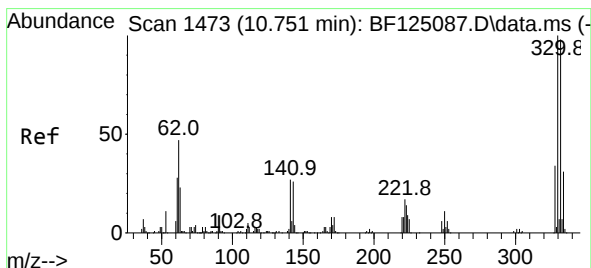
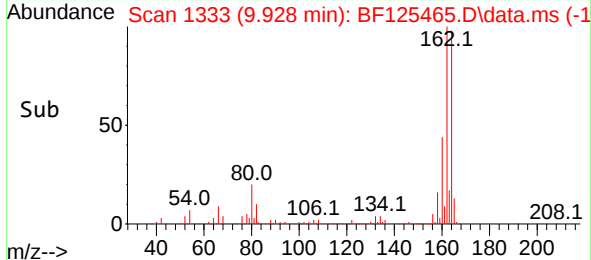
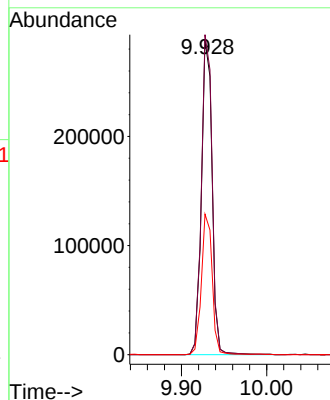
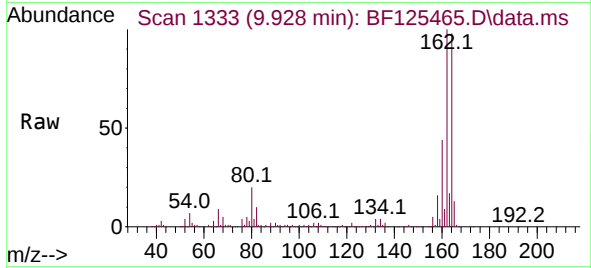




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF125465.D
Acq: 14 Sep 2021 2:41

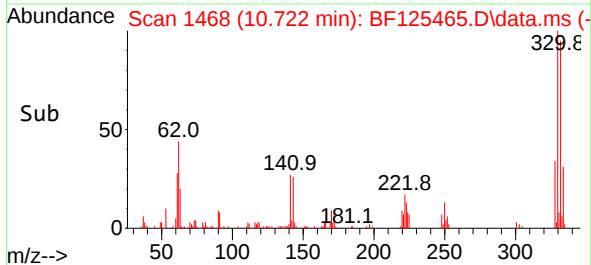
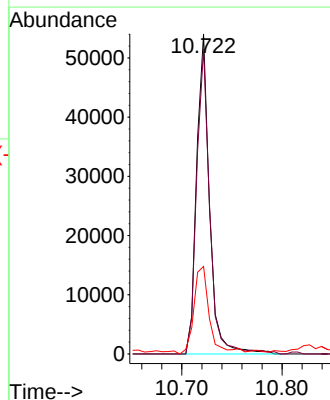
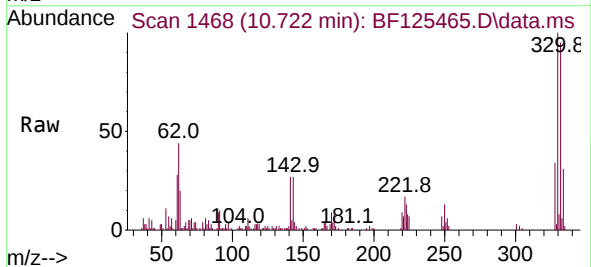
Instrument :
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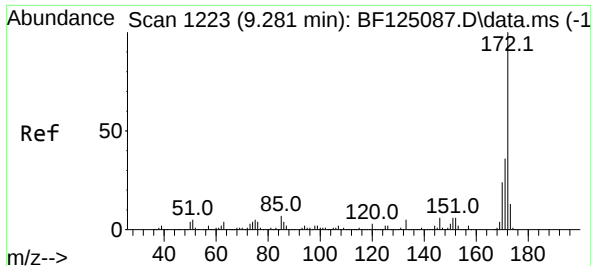
Tgt Ion:164 Resp: 250779
Ion Ratio Lower Upper
164 100
162 101.7 81.3 121.9
160 44.6 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 19.331 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF125465.D
Acq: 14 Sep 2021 2:41

Tgt Ion:330 Resp: 48391
Ion Ratio Lower Upper
330 100
332 97.0 76.2 114.4
141 33.3 44.6 66.8#

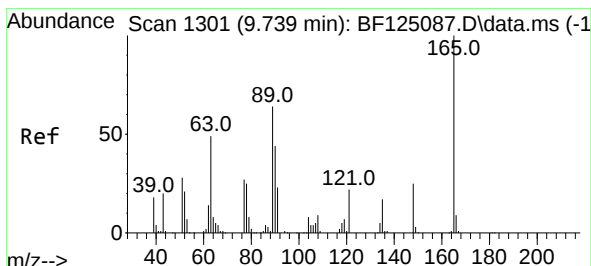
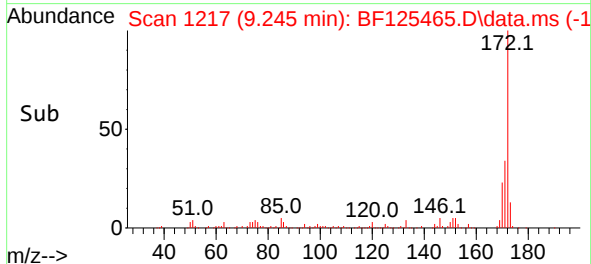
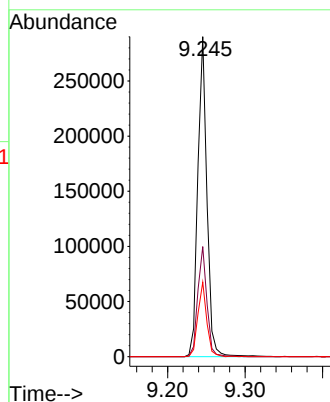
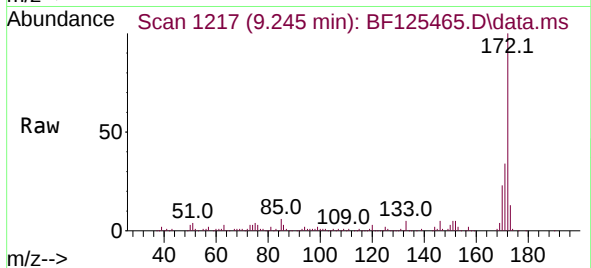




#45
2-Fluorobiphenyl
Concen: 13.181 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125465.D
Acq: 14 Sep 2021 2:41

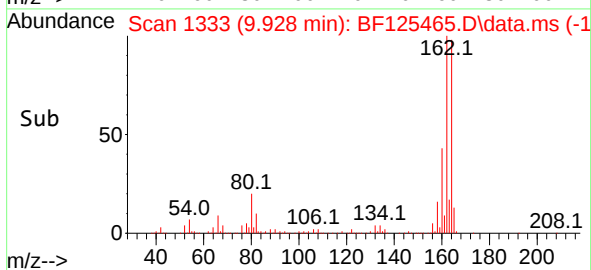
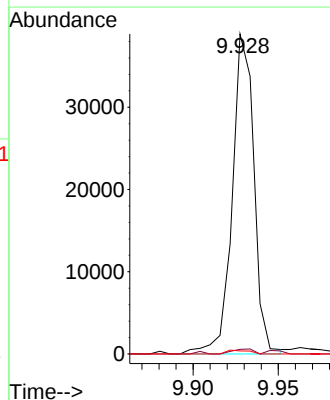
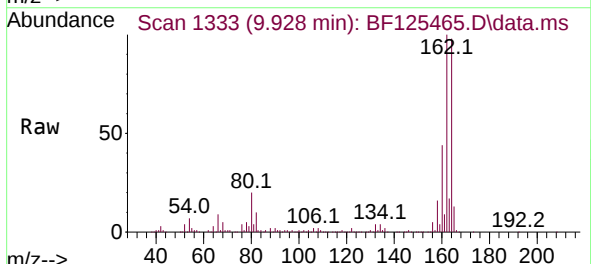
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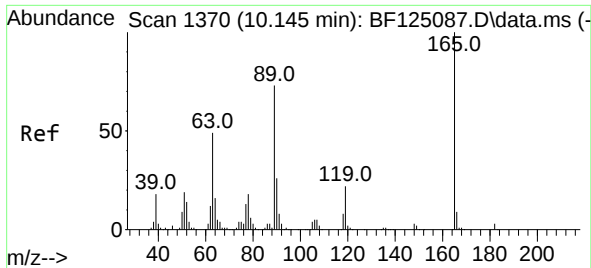
Tgt Ion:172 Resp: 237163
Ion Ratio Lower Upper
172 100
171 34.4 26.5 39.7
170 23.3 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.171 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.206 min
Lab File: BF125465.D
Acq: 14 Sep 2021 2:41

Tgt Ion:165 Resp: 34560
Ion Ratio Lower Upper
165 100
63 1.4 42.6 63.8#
89 1.0 40.6 60.8#

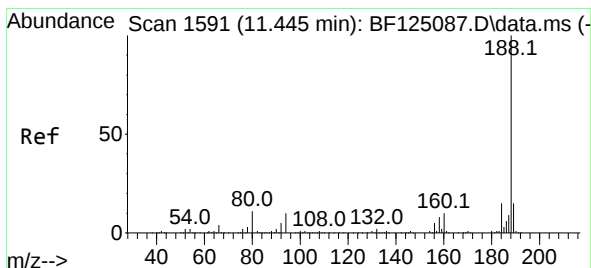
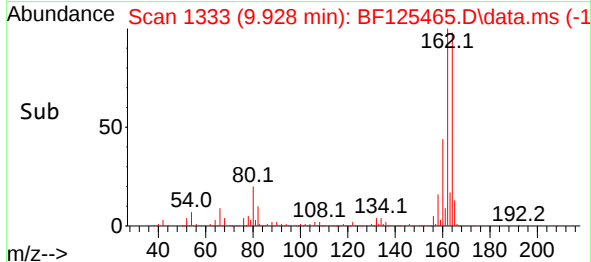
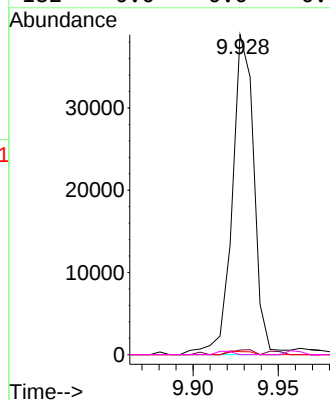
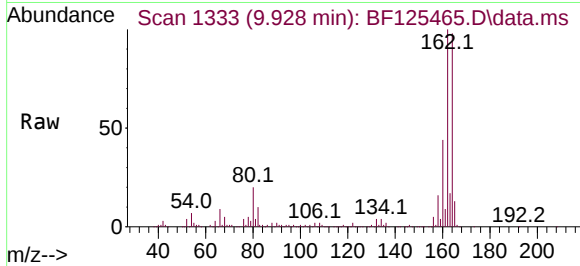




#57
2,4-Dinitrotoluene
Concen: 7.578 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.200 min
Lab File: BF125465.D
Acq: 14 Sep 2021 2:41

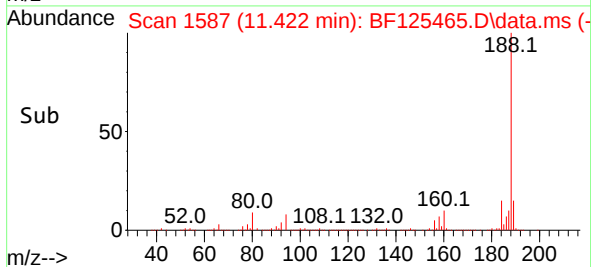
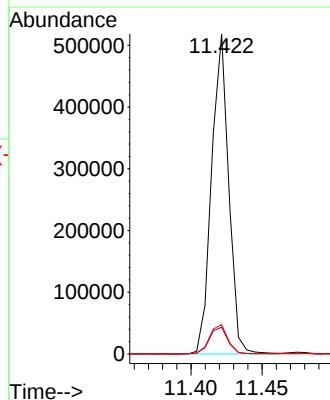
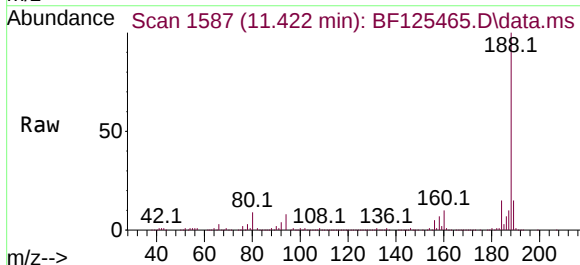
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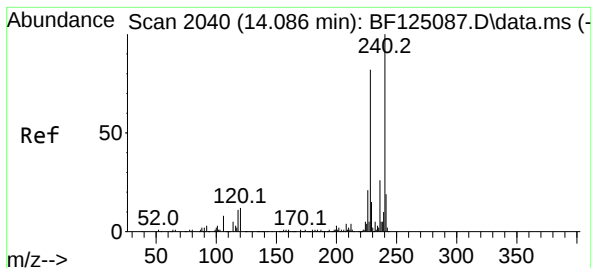
Tgt Ion:165	Resp:	34560
Ion Ratio	Lower	Upper
165	100	
63	1.4	40.9 61.3#
89	1.0	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF125465.D
Acq: 14 Sep 2021 2:41

Tgt Ion:188	Resp:	434364
Ion Ratio	Lower	Upper
188	100	
94	8.3	6.7 10.1
80	9.1	7.5 11.3

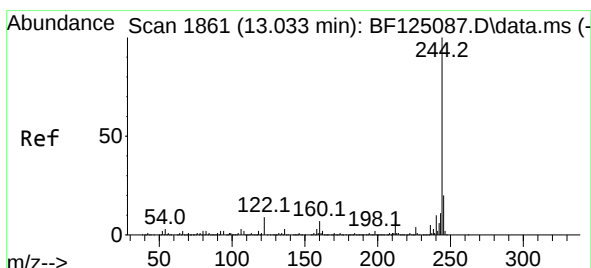
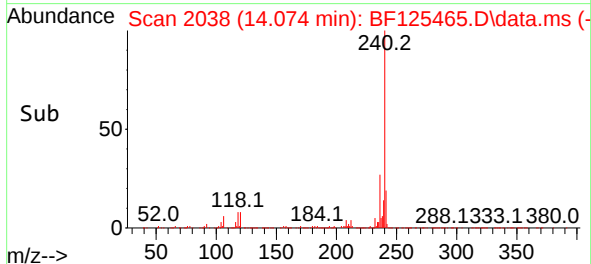
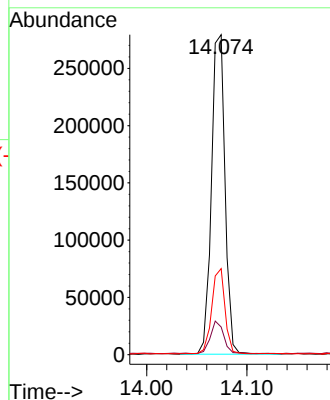
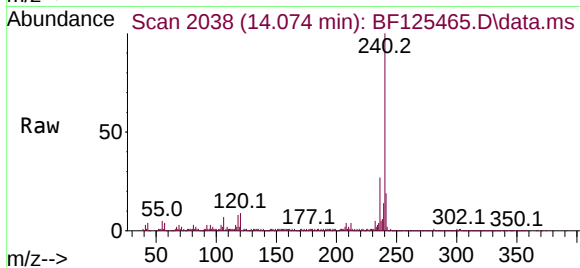




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BF125465.D
Acq: 14 Sep 2021 2:41

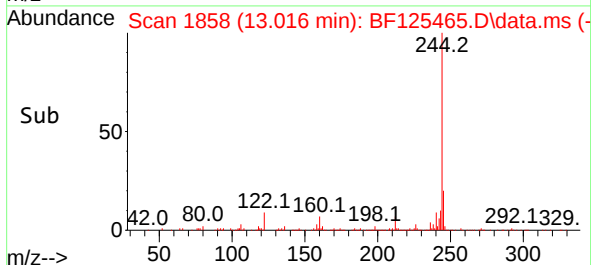
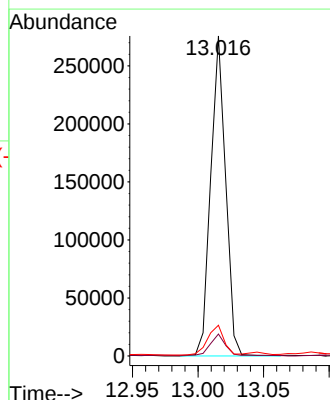
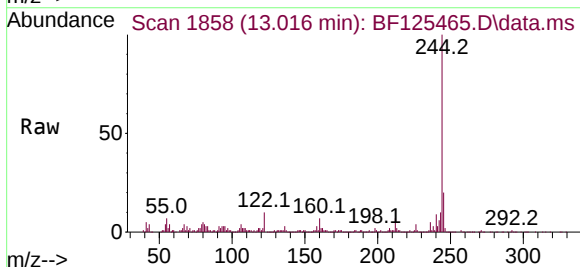
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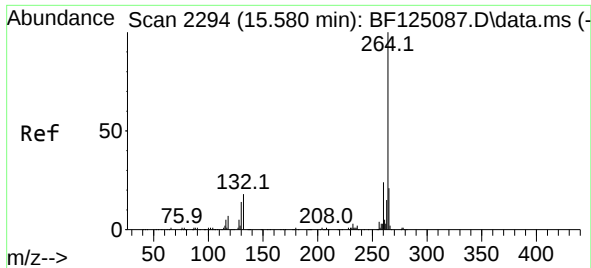
Tgt Ion:240 Resp: 264135
Ion Ratio Lower Upper
240 100
120 8.7 10.8 16.2#
236 26.9 21.6 32.4



#79
Terphenyl-d14
Concen: 13.201 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.006 min
Lab File: BF125465.D
Acq: 14 Sep 2021 2:41

Tgt Ion:244 Resp: 218874
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 9.6 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BF125465.D
Acq: 14 Sep 2021 2:41

Instrument :
BNA_F
ClientSampleId :
TR-04-091021

Tgt Ion:264	Resp:	211170
Ion Ratio	Lower	Upper
264	100	
260	24.7	19.6 29.4
265	22.3	17.2 25.8

