

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090221\
 Data File : BF125332.D
 Acq On : 2 Sep 2021 21:16
 Operator : JU/CG
 Sample : M3626-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-1

Quant Time: Sep 03 04:59:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 12:39:21 2021
 Response via : Initial Calibration

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

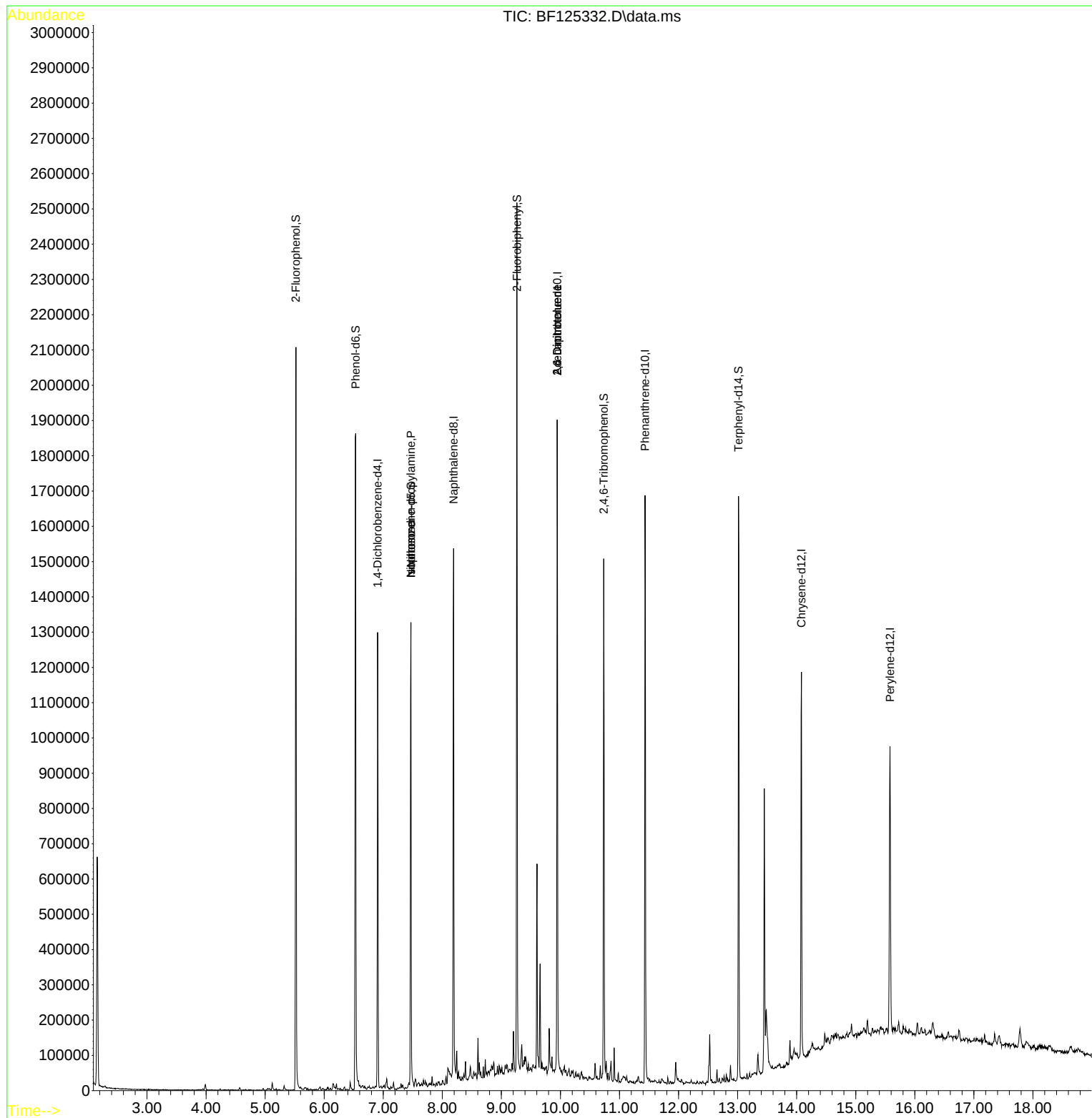
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	173755	20.000	ng	-0.01
21) Naphthalene-d8	8.192	136	672939	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	357784	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	627348	20.000	ng	0.00
76) Chrysene-d12	14.080	240	393646	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	399108	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	504327	43.932	ng	0.00
7) Phenol-d6	6.534	99	649171	43.725	ng	0.00
23) Nitrobenzene-d5	7.469	82	408908	30.591	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	177236	49.625	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	723873	28.198	ng	-0.01
79) Terphenyl-d14	13.016	244	595000	24.080	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.469	70	52164	5.841	ng	# 57
25) Isophorone	7.469	82	408908	15.858	ng	# 59
51) 2,6-Dinitrotoluene	9.945	165	48395	9.002	ng	# 28
57) 2,4-Dinitrotoluene	9.945	165	48395	7.438	ng	# 20

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

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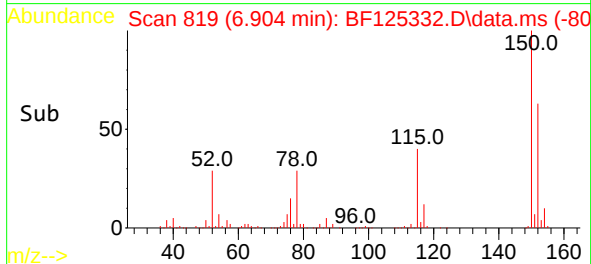
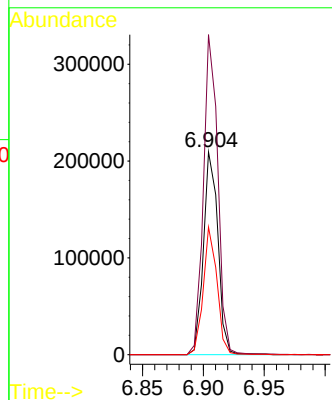
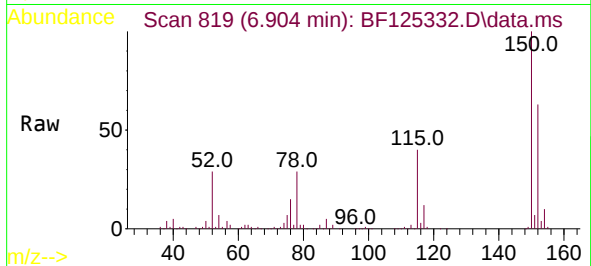




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF125332.D
Acq: 2 Sep 2021 21:16

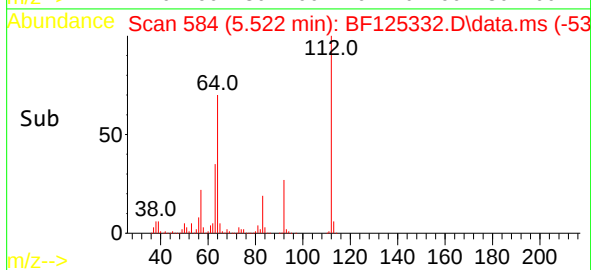
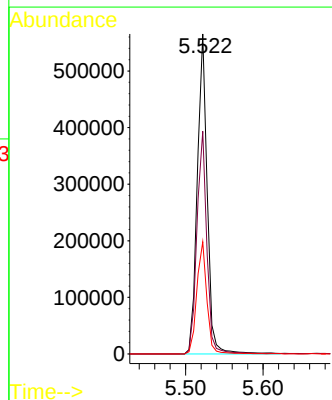
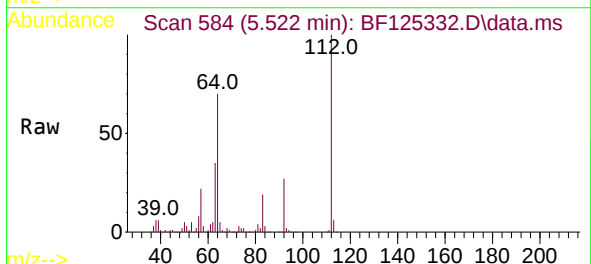
Instrument :
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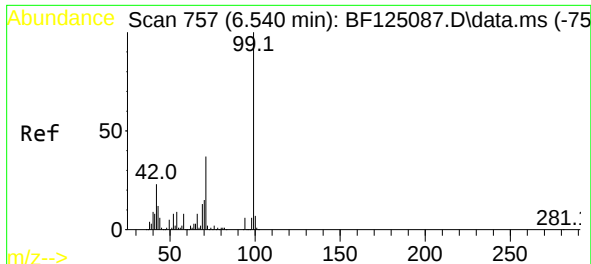
Tgt Ion:152 Resp: 173755
Ion Ratio Lower Upper
152 100
150 157.8 117.6 176.4
115 62.9 47.1 70.7



#5
2-Fluorophenol
Concen: 43.932 ng
RT: 5.522 min Scan# 584
Delta R.T. -0.006 min
Lab File: BF125332.D
Acq: 2 Sep 2021 21:16

Tgt Ion:112 Resp: 504327
Ion Ratio Lower Upper
112 100
64 69.6 44.2 66.2#
63 35.1 26.2 39.2

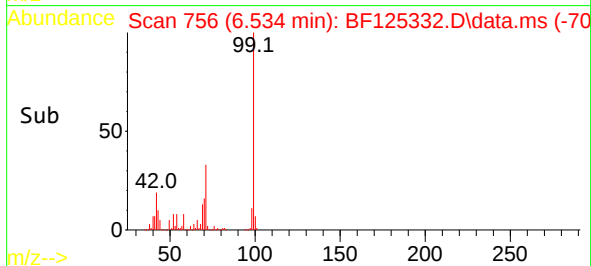
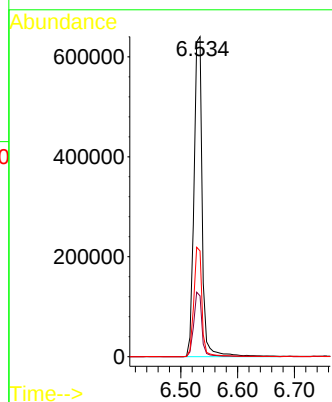
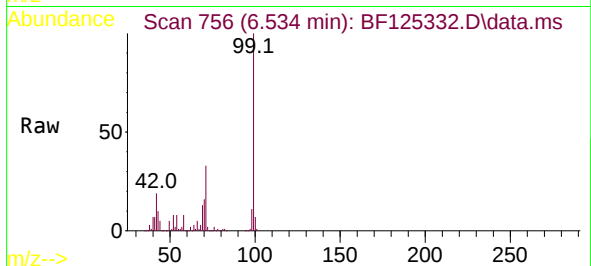




#7
Phenol-d6
Concen: 43.725 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125332.D
Acq: 2 Sep 2021 21:16

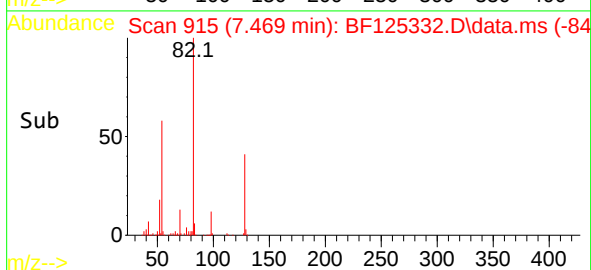
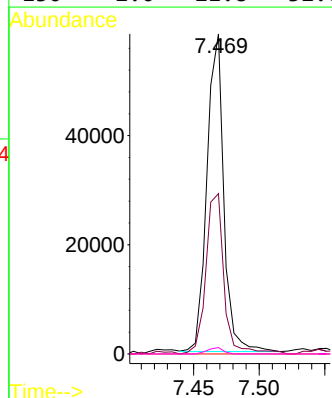
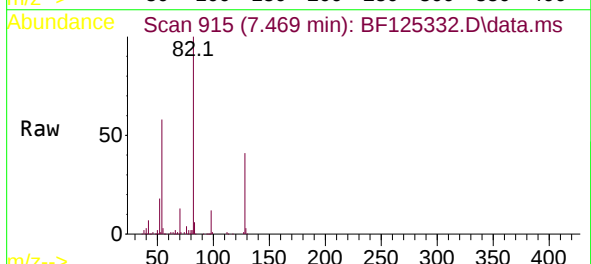
Instrument :
BNA_F
ClientSampleId :
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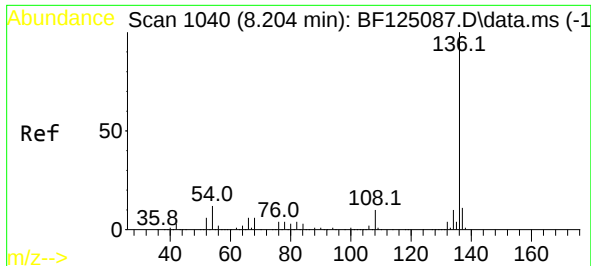
Tgt Ion: 99 Resp: 649171
Ion Ratio Lower Upper
99 100
42 19.0 23.5 35.3#
71 33.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 5.841 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.141 min
Lab File: BF125332.D
Acq: 2 Sep 2021 21:16

Tgt Ion: 70 Resp: 52164
Ion Ratio Lower Upper
70 100
42 50.1 72.2 108.2#
101 0.0 7.8 11.8#
130 2.0 21.8 32.6#

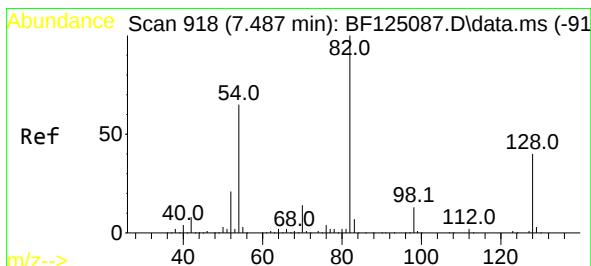
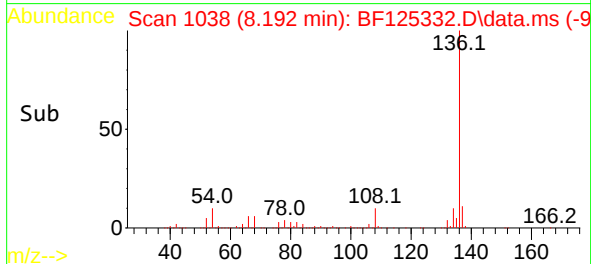
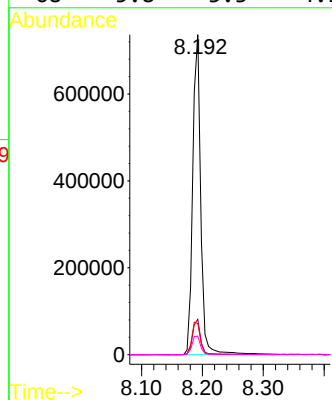
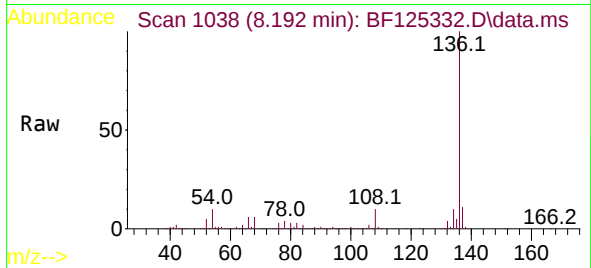




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF125332.D
Acq: 2 Sep 2021 21:16

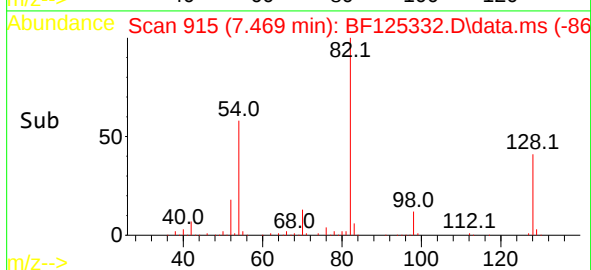
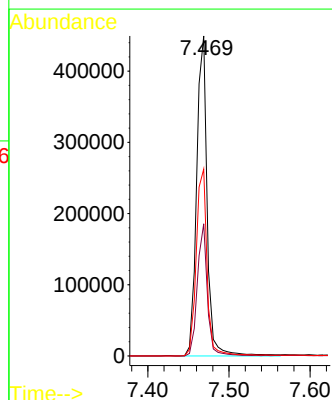
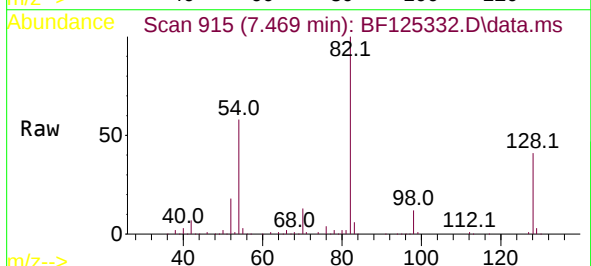
Instrument :
BNA_F
ClientSampled :
G-1

Tgt Ion:136 Resp: 672939
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 9.7 6.4 9.6#
68 5.8 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 30.591 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.012 min
Lab File: BF125332.D
Acq: 2 Sep 2021 21:16

Tgt Ion: 82 Resp: 408908
Ion Ratio Lower Upper
82 100
128 41.3 40.6 60.8
54 58.4 49.6 74.4

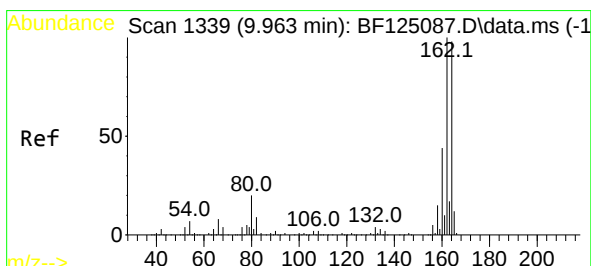
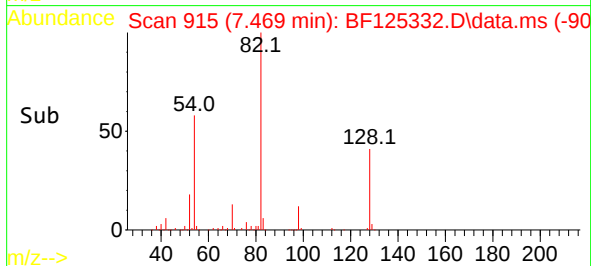
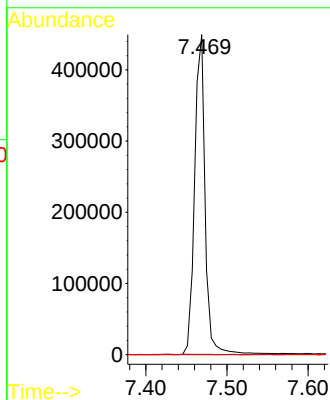
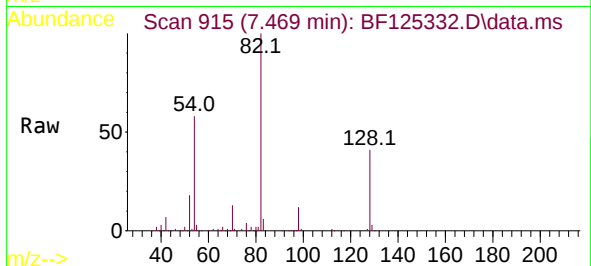




#25
Isophorone
Concen: 15.858 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.265 min
Lab File: BF125332.D
Acq: 2 Sep 2021 21:16

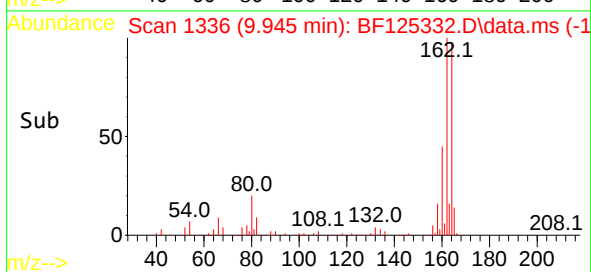
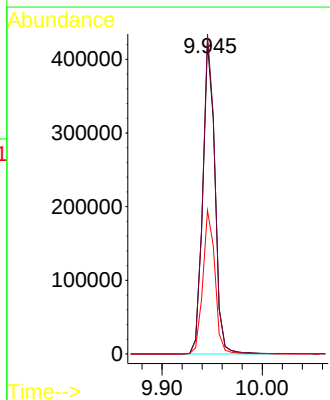
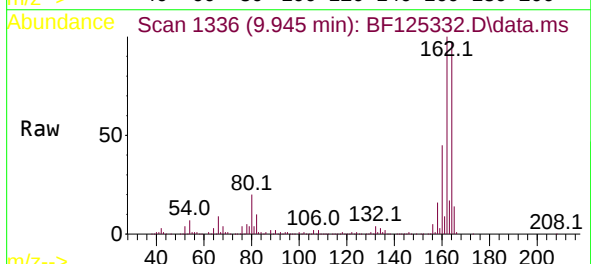
Instrument :
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ClientSampleId :
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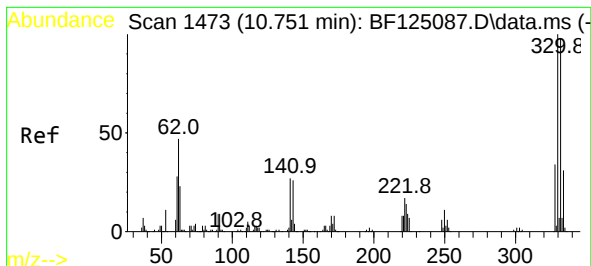
Tgt Ion: 82 Resp: 408908
Ion Ratio Lower Upper
82 100
95 0.1 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF125332.D
Acq: 2 Sep 2021 21:16

Tgt Ion: 164 Resp: 357784
Ion Ratio Lower Upper
164 100
162 103.0 81.3 121.9
160 46.2 38.0 57.0

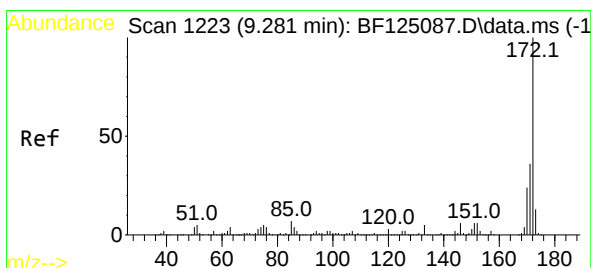
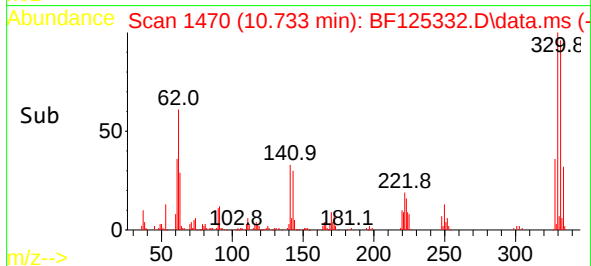
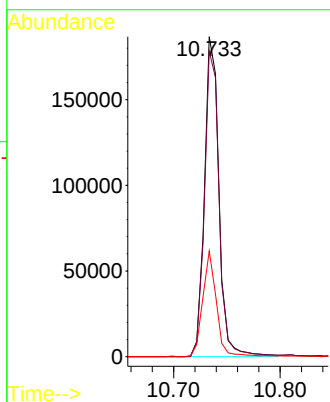
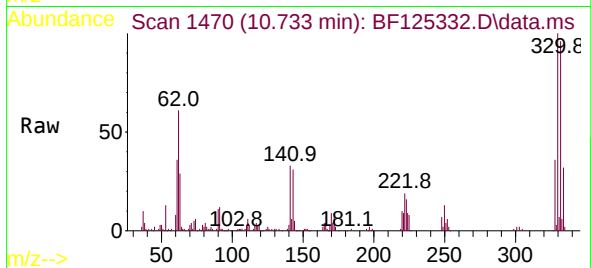




#42
2,4,6-Tribromophenol
Concen: 49.625 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BF125332.D
Acq: 2 Sep 2021 21:16

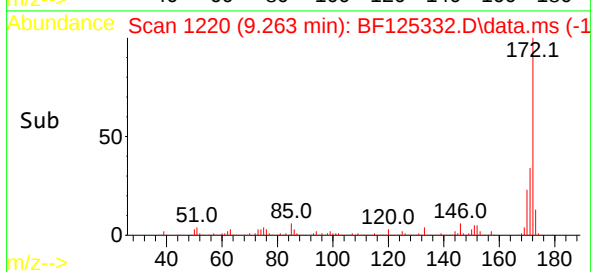
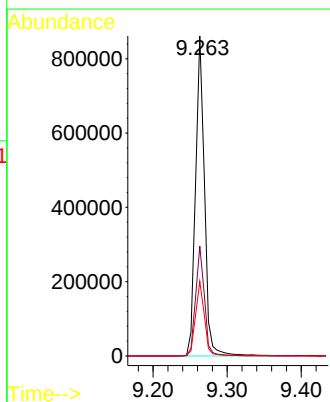
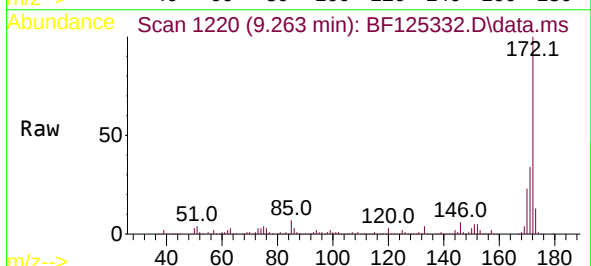
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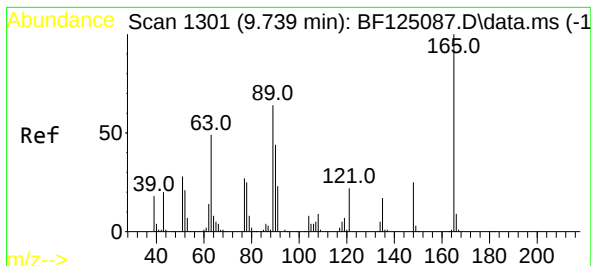
Tgt Ion:330 Resp: 177236
Ion Ratio Lower Upper
330 100
332 97.6 76.2 114.4
141 31.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 28.198 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.012 min
Lab File: BF125332.D
Acq: 2 Sep 2021 21:16

Tgt Ion:172 Resp: 723873
Ion Ratio Lower Upper
172 100
171 34.4 26.5 39.7
170 23.3 18.8 28.2

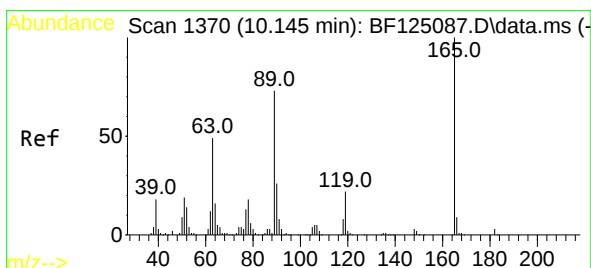
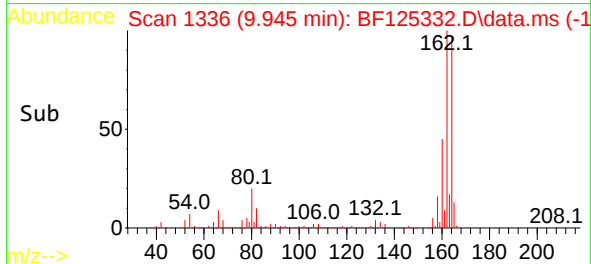
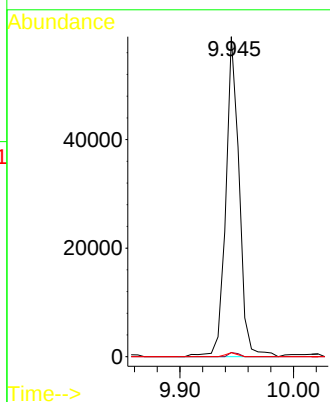
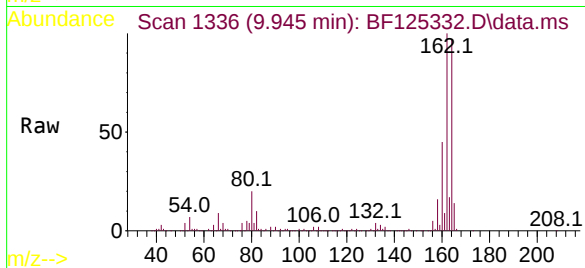




#51
2,6-Dinitrotoluene
Concen: 9.002 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.212 min
Lab File: BF125332.D
Acq: 2 Sep 2021 21:16

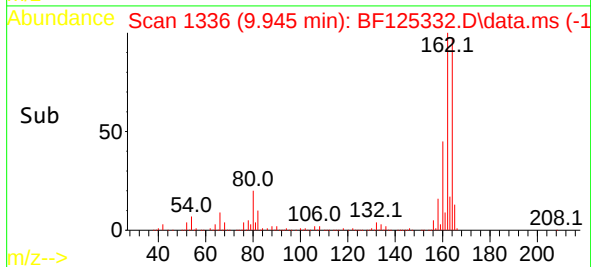
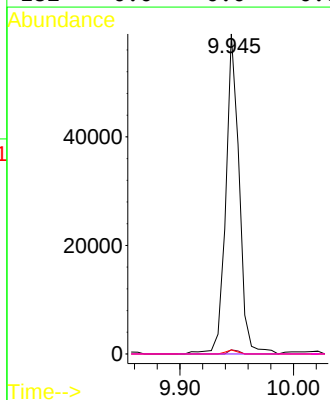
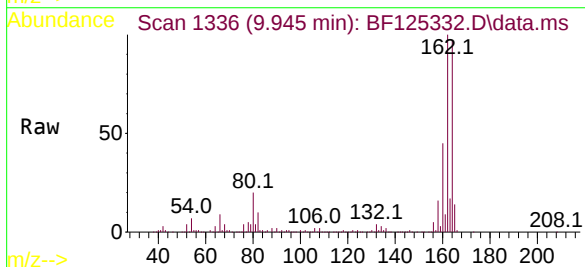
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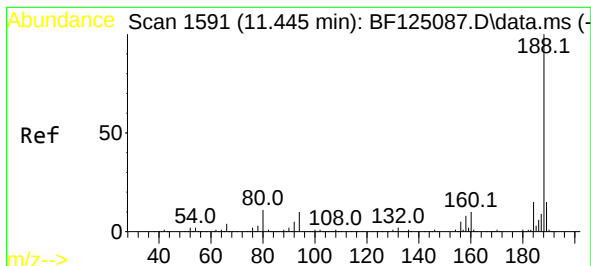
Tgt Ion:165 Resp: 48395
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.438 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.188 min
Lab File: BF125332.D
Acq: 2 Sep 2021 21:16

Tgt Ion:165 Resp: 48395
Ion Ratio Lower Upper
165 100
63 1.3 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

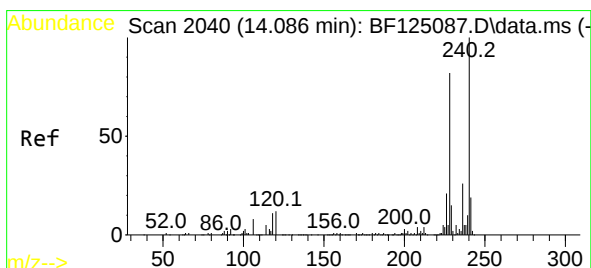
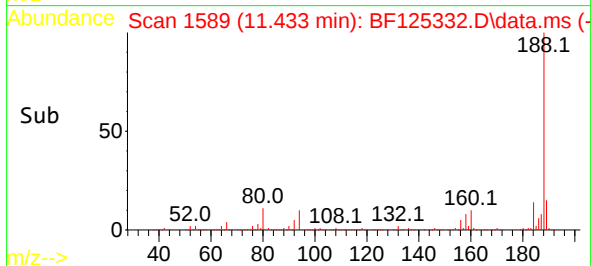
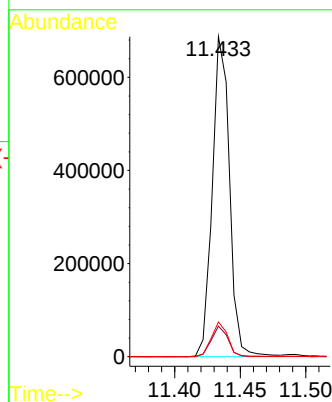
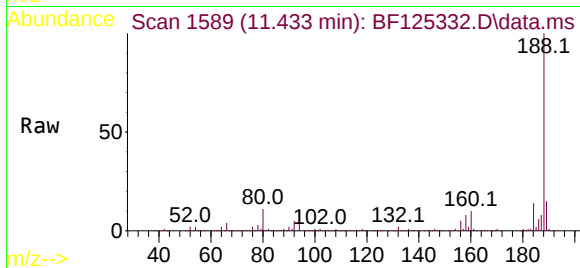




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF125332.D
Acq: 2 Sep 2021 21:16

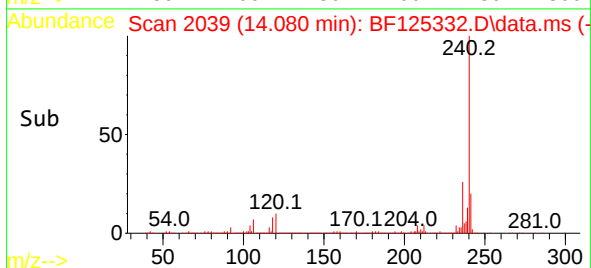
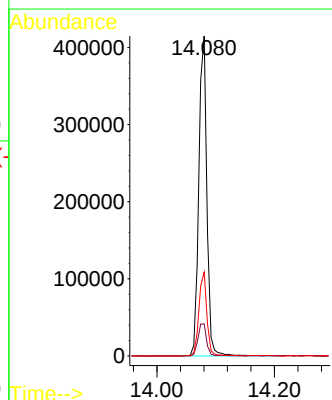
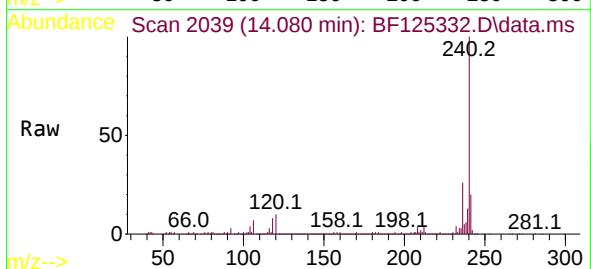
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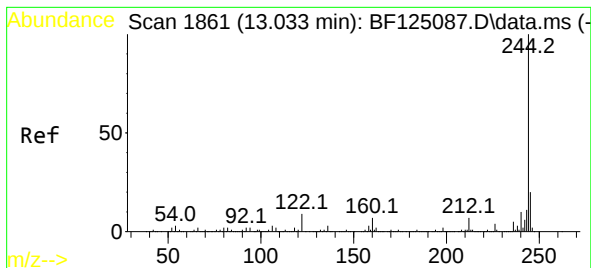
Tgt Ion:188 Resp: 627348
Ion Ratio Lower Upper
188 100
94 9.6 6.7 10.1
80 10.8 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF125332.D
Acq: 2 Sep 2021 21:16

Tgt Ion:240 Resp: 393646
Ion Ratio Lower Upper
240 100
120 10.0 10.8 16.2#
236 26.2 21.6 32.4





#79

Terphenyl-d14

Concen: 24.080 ng

RT: 13.016 min Scan# 1858

Delta R.T. -0.006 min

Lab File: BF125332.D

Acq: 2 Sep 2021 21:16

Instrument :

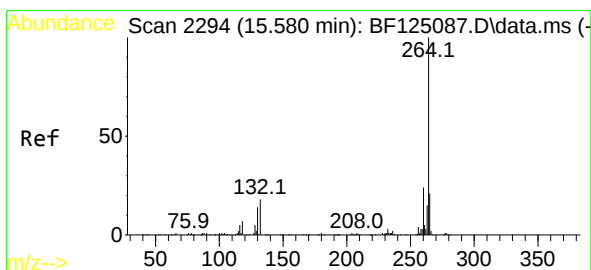
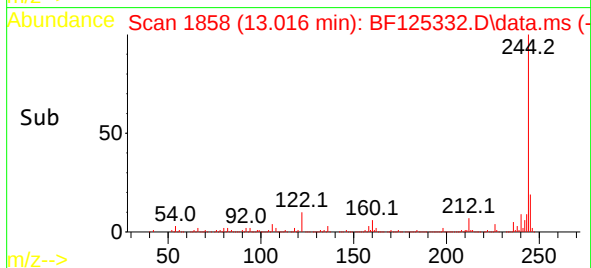
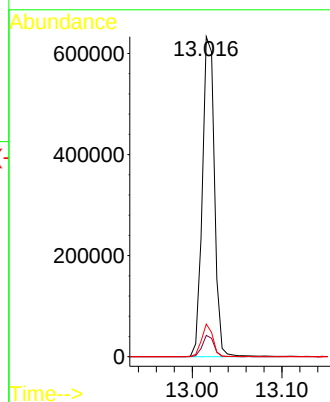
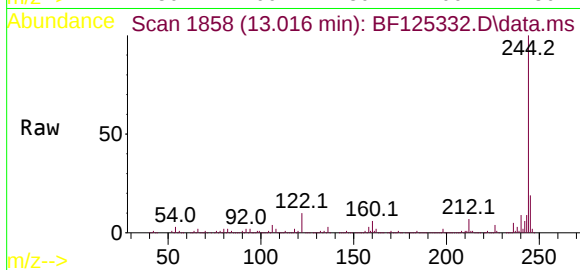
BNA_F

ClientSampleId :

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Tgt Ion:244 Resp: 595000

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.9	8.9
122	10.2	9.0	13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2294

Delta R.T. 0.006 min

Lab File: BF125332.D

Acq: 2 Sep 2021 21:16

Tgt Ion:264 Resp: 399108

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	21.9	17.2	25.8

