

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083121\
 Data File : BF125298.D
 Acq On : 31 Aug 2021 20:21
 Operator : JU/CG
 Sample : M3577-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 191-0827-B1-0-2

Quant Time: Sep 01 03:14:03 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)

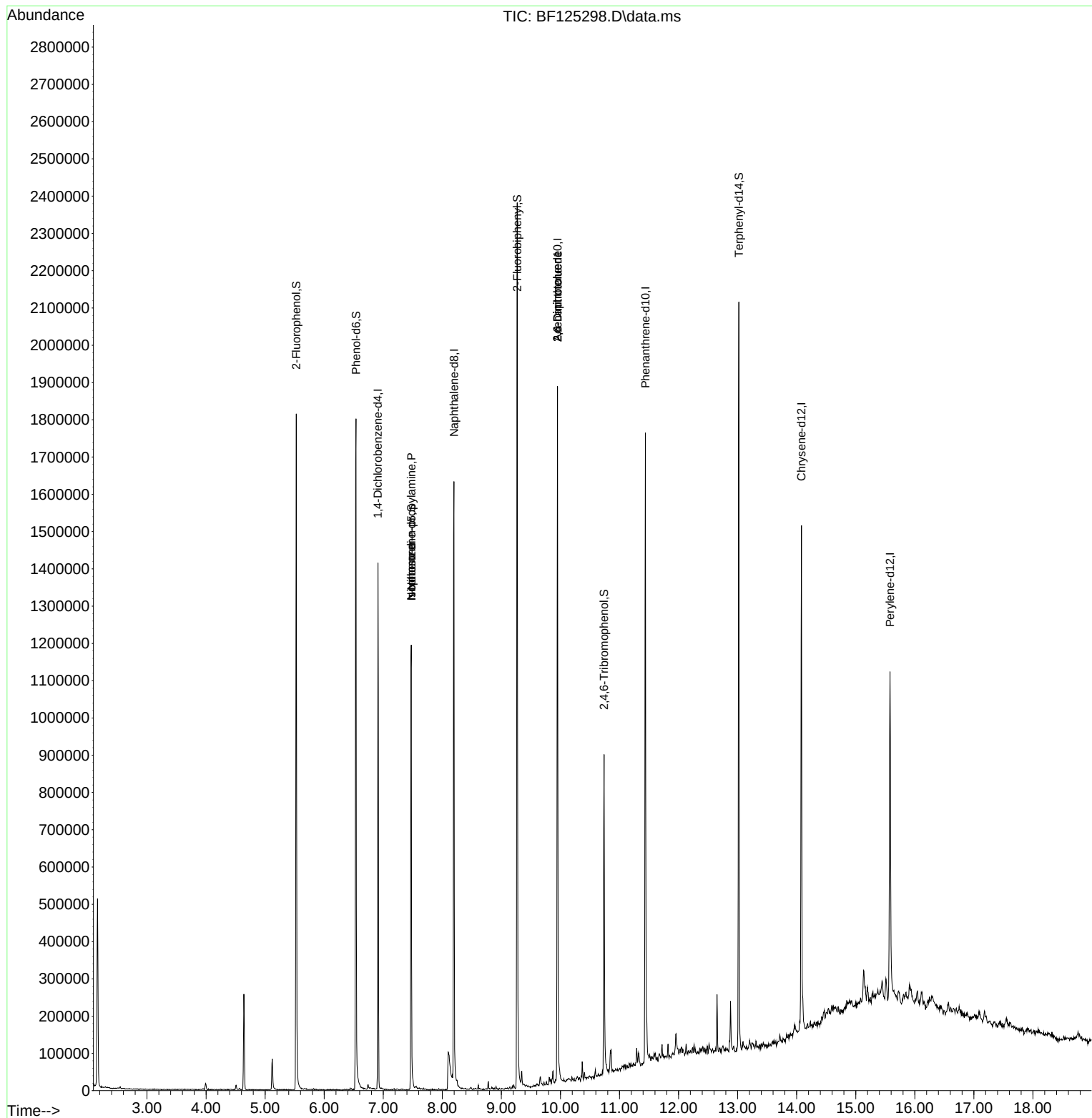
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	190337	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	744660	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	394668	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	625966	20.000	ng	0.00
76) Chrysene-d12	14.080	240	469035	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	429225	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	441615	35.118	ng	0.00
7) Phenol-d6	6.540	99	619829	38.111	ng	0.00
23) Nitrobenzene-d5	7.475	82	393896	26.630	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	123308	31.299	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	788535	27.846	ng	0.00
79) Terphenyl-d14	13.021	244	695499	23.623	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.475	70	52274	5.344	ng	# 57
25) Isophorone	7.475	82	393893	13.804	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	51765	8.729	ng	# 28
57) 2,4-Dinitrotoluene	9.951	165	52092	7.258	ng	# 20

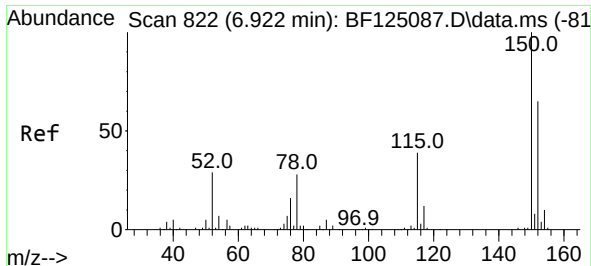
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration

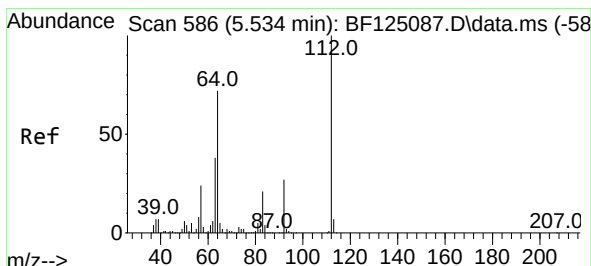
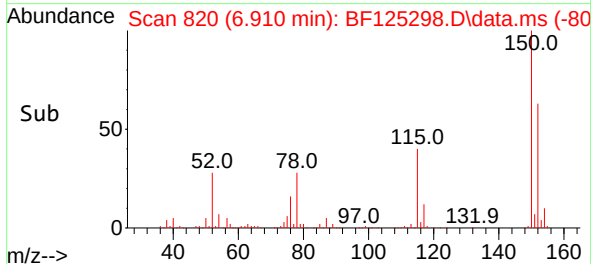
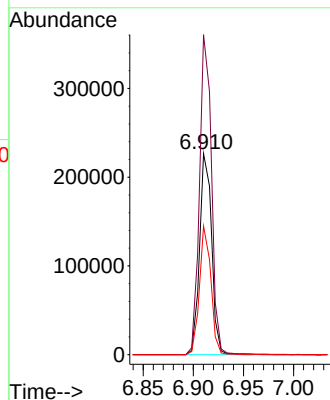
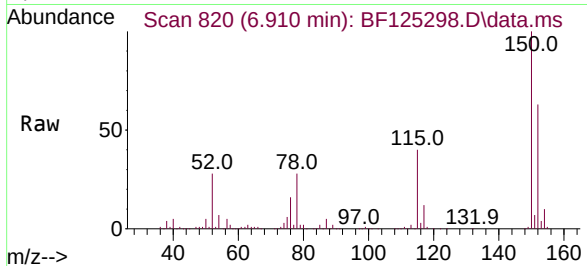




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF125298.D
Acq: 31 Aug 2021 20:21

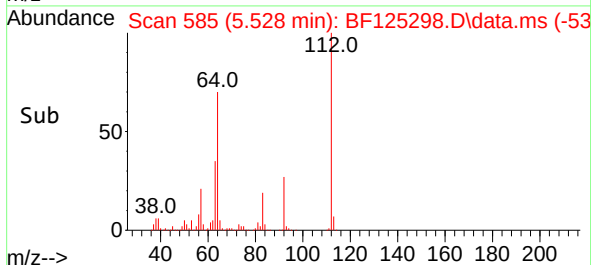
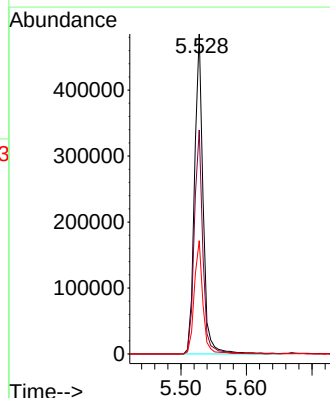
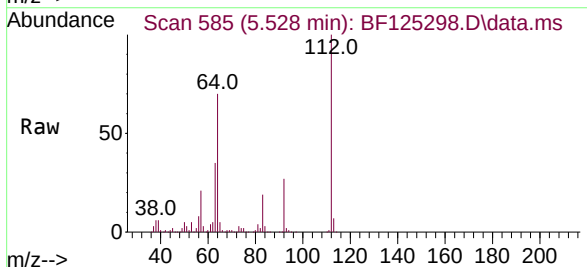
Instrument :
BNA_F
ClientSampleId :
191-0827-B1-0-2

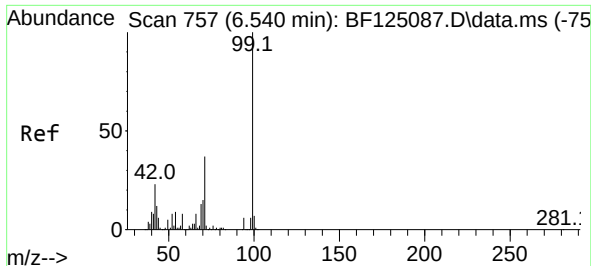
Tgt Ion:152 Resp: 190337
Ion Ratio Lower Upper
152 100
150 159.1 117.6 176.4
115 64.0 47.1 70.7



#5
2-Fluorophenol
Concen: 35.118 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.000 min
Lab File: BF125298.D
Acq: 31 Aug 2021 20:21

Tgt Ion:112 Resp: 441615
Ion Ratio Lower Upper
112 100
64 70.0 44.2 66.2#
63 35.4 26.2 39.2

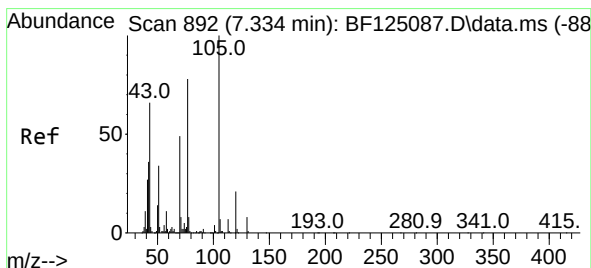
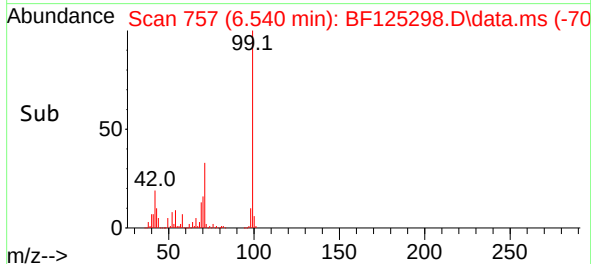
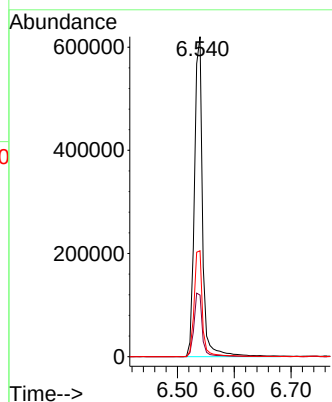
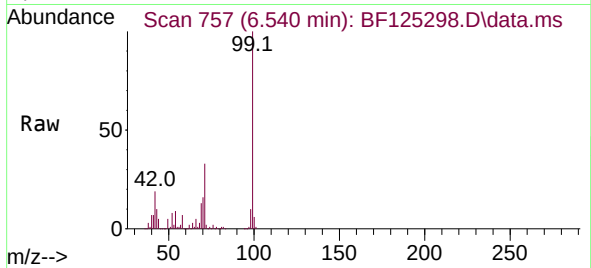




#7
Phenol-d6
Concen: 38.111 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF125298.D
Acq: 31 Aug 2021 20:21

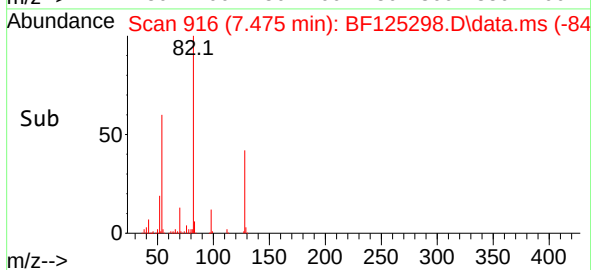
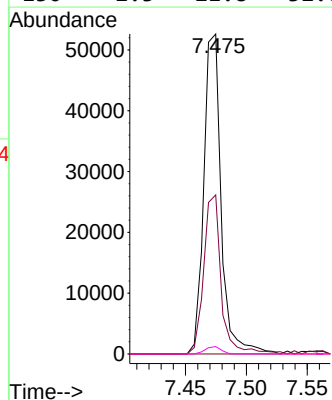
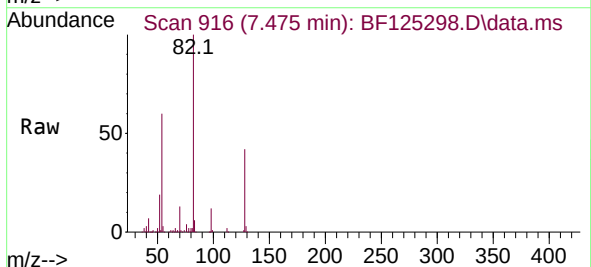
Instrument :
BNA_F
ClientSampleId :
191-0827-B1-0-2

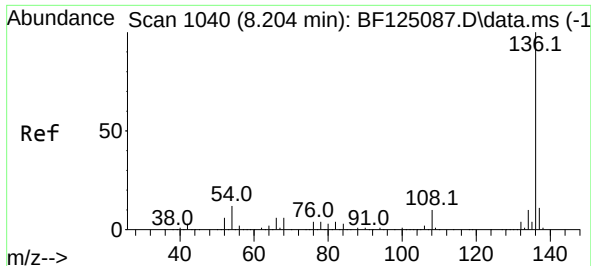
Tgt Ion: 99 Resp: 619829
Ion Ratio Lower Upper
99 100
42 19.2 23.5 35.3#
71 33.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 5.344 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF125298.D
Acq: 31 Aug 2021 20:21

Tgt Ion: 70 Resp: 52274
Ion Ratio Lower Upper
70 100
42 49.7 72.2 108.2#
101 0.0 7.8 11.8#
130 2.3 21.8 32.6#

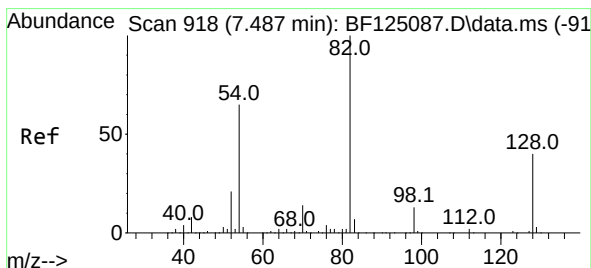
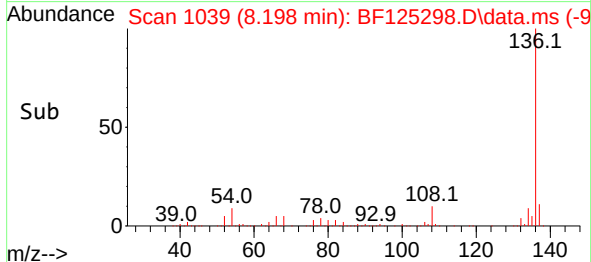
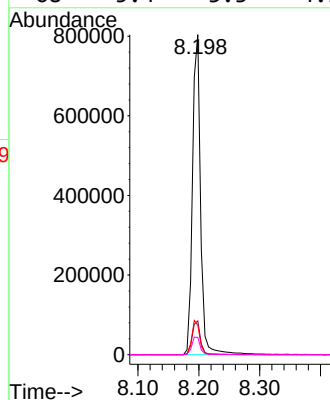
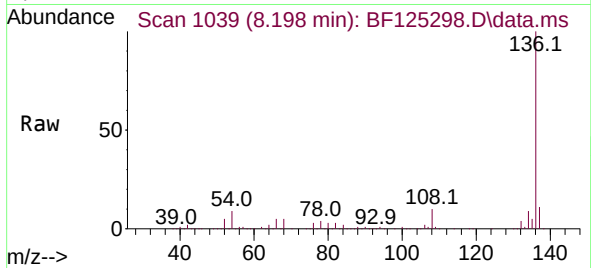




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125298.D
Acq: 31 Aug 2021 20:21

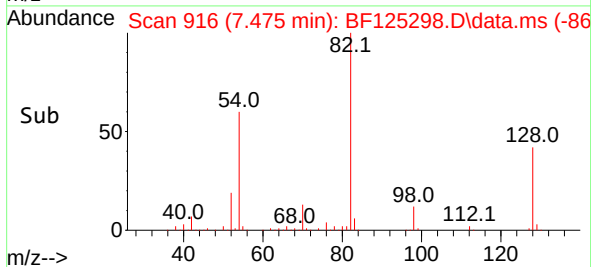
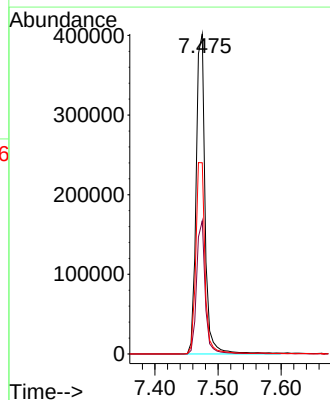
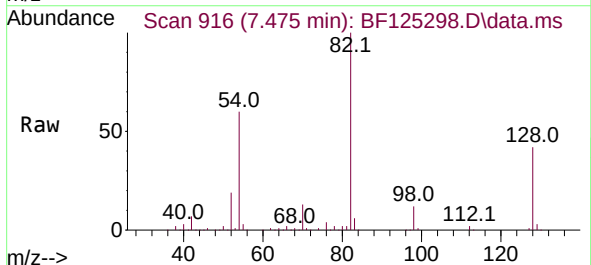
Instrument :
BNA_F
ClientSampleId :
191-0827-B1-0-2

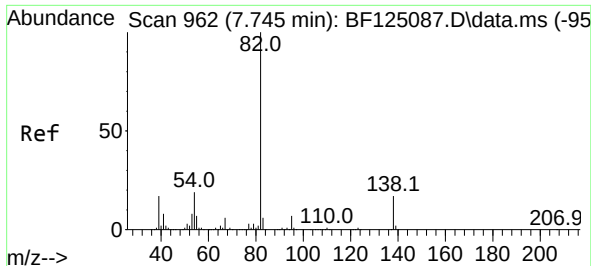
Tgt Ion:	136	Resp:	744660
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.8	14.6
54	9.2	6.4	9.6
68	5.4	3.3	4.9



#23
Nitrobenzene-d5
Concen: 26.630 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125298.D
Acq: 31 Aug 2021 20:21

Tgt Ion:	82	Resp:	393896
Ion Ratio	Lower	Upper	
82	100		
128	41.6	40.6	60.8
54	59.8	49.6	74.4

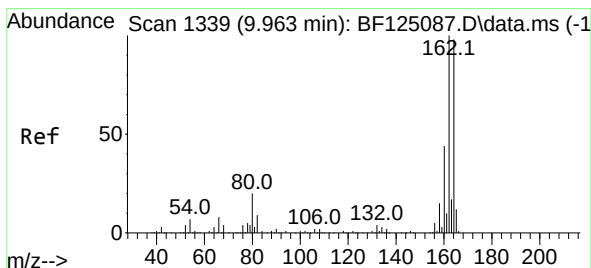
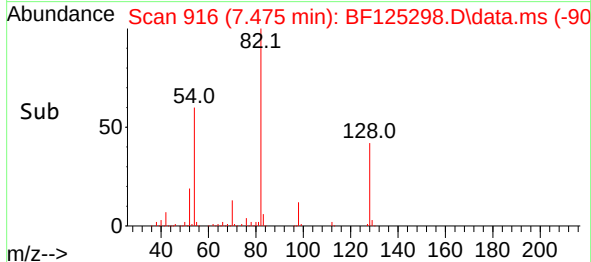
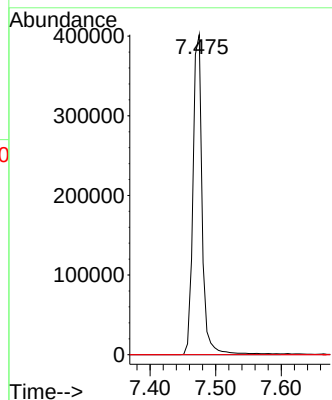
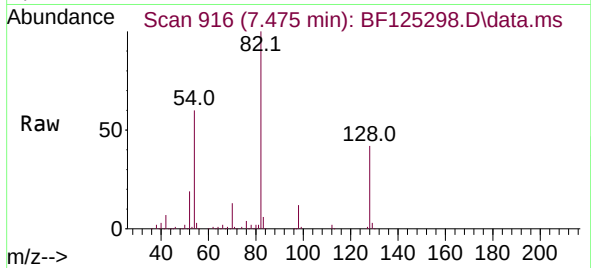




#25
Isophorone
Concen: 13.804 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125298.D
Acq: 31 Aug 2021 20:21

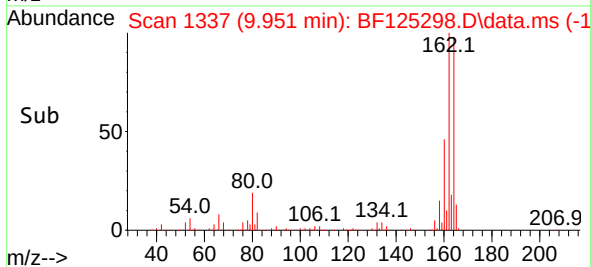
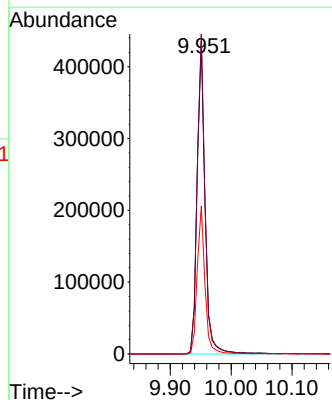
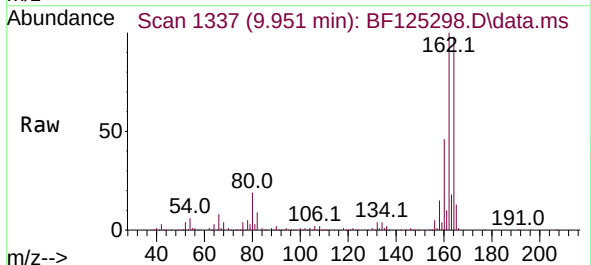
Instrument :
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ClientSampleId :
191-0827-B1-0-2

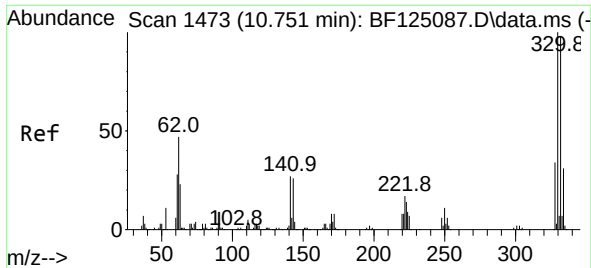
Tgt Ion: 82 Resp: 393893
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125298.D
Acq: 31 Aug 2021 20:21

Tgt Ion: 164 Resp: 394668
Ion Ratio Lower Upper
164 100
162 102.4 81.3 121.9
160 47.3 38.0 57.0

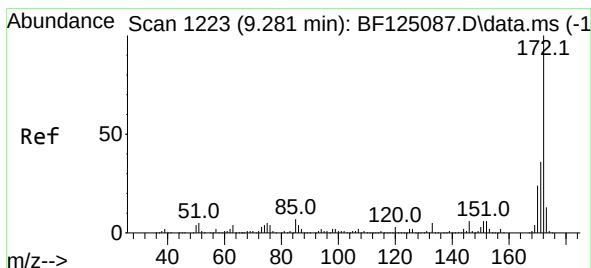
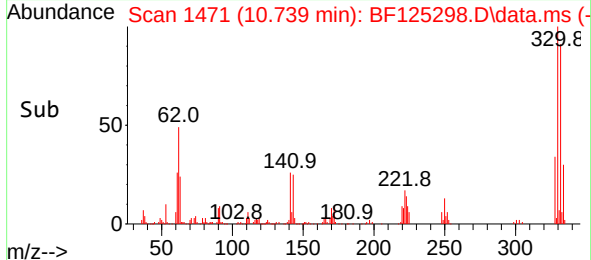
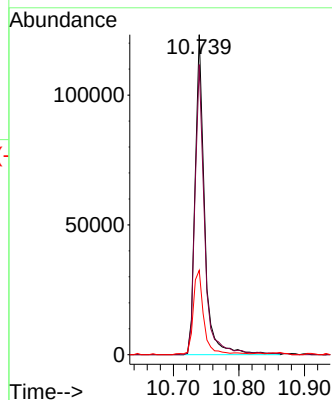
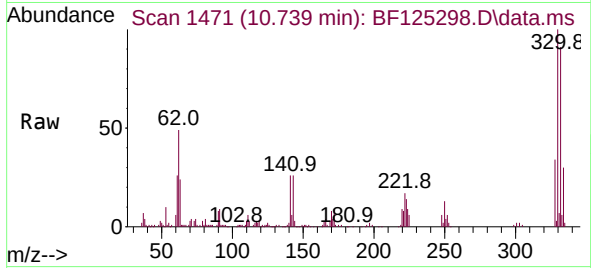




#42
2,4,6-Tribromophenol
Concen: 31.299 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125298.D
Acq: 31 Aug 2021 20:21

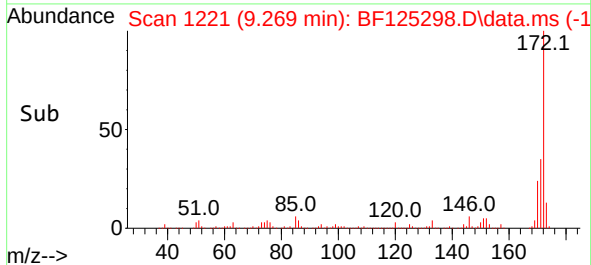
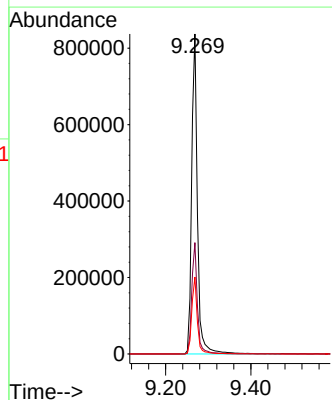
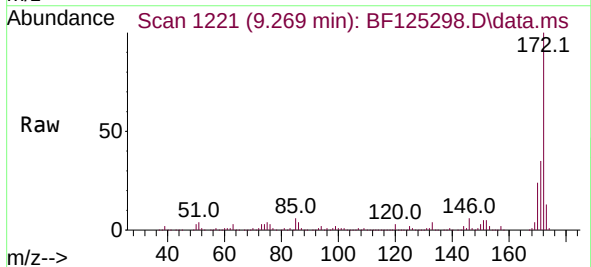
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ClientSampleId :
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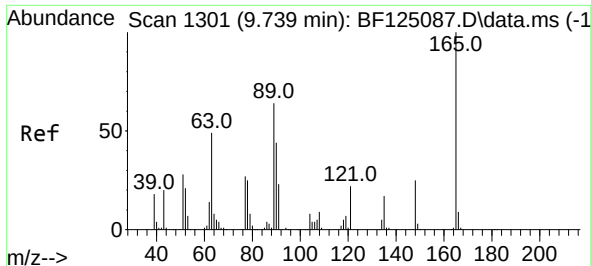
Tgt Ion:330 Resp: 123308
Ion Ratio Lower Upper
330 100
332 91.4 76.2 114.4
141 29.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 27.846 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125298.D
Acq: 31 Aug 2021 20:21

Tgt Ion:172 Resp: 788535
Ion Ratio Lower Upper
172 100
171 34.8 26.5 39.7
170 24.1 18.8 28.2

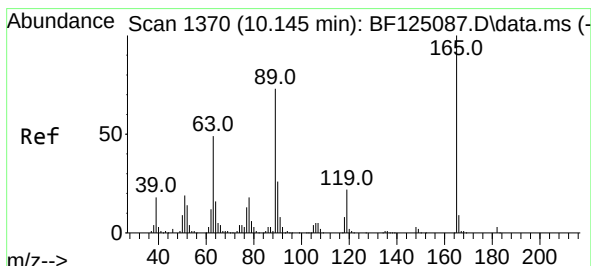
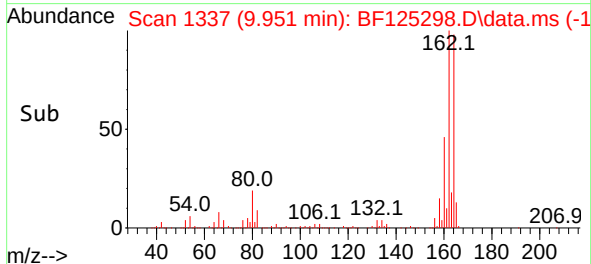
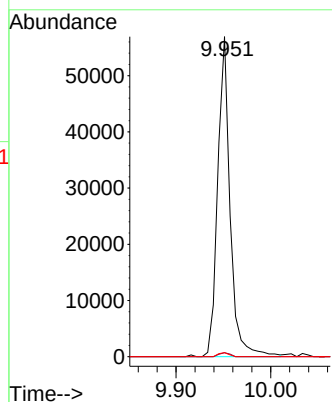
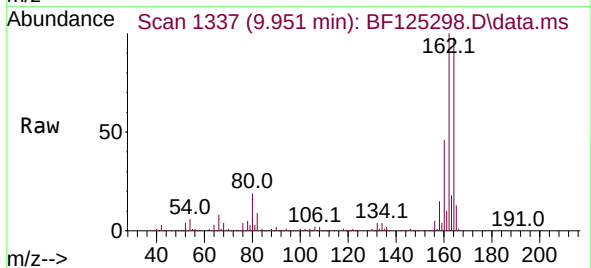




#51
2,6-Dinitrotoluene
Concen: 8.729 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125298.D
Acq: 31 Aug 2021 20:21

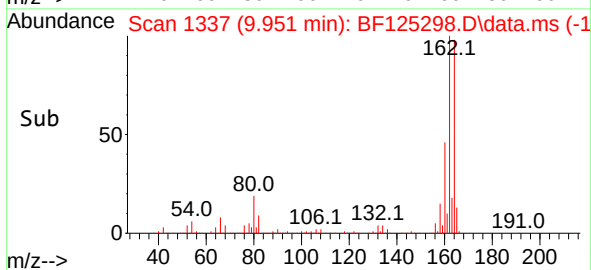
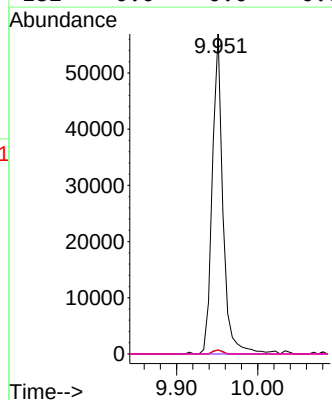
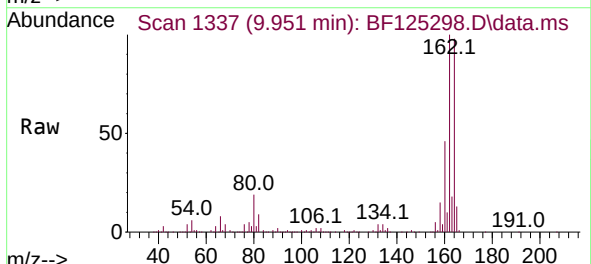
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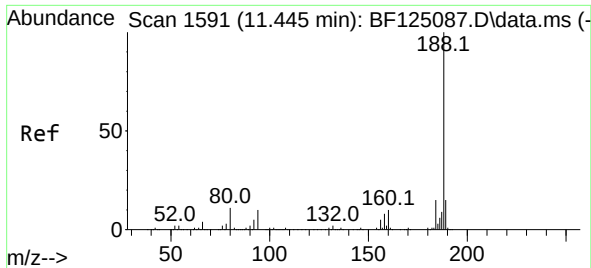
Tgt Ion:165 Resp: 51765
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.3 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.258 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125298.D
Acq: 31 Aug 2021 20:21

Tgt Ion:165 Resp: 52092
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0

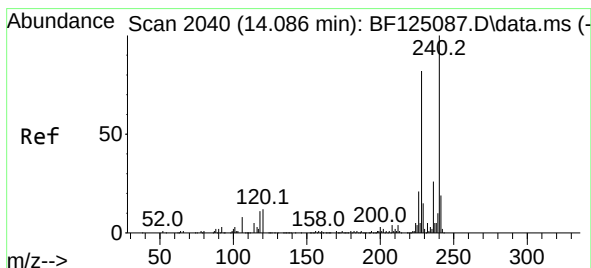
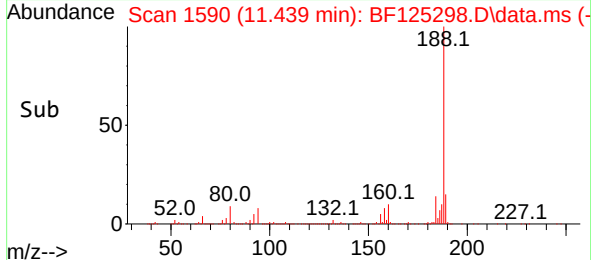
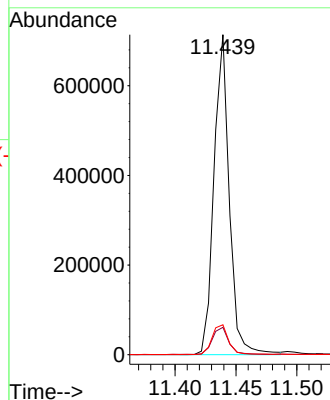
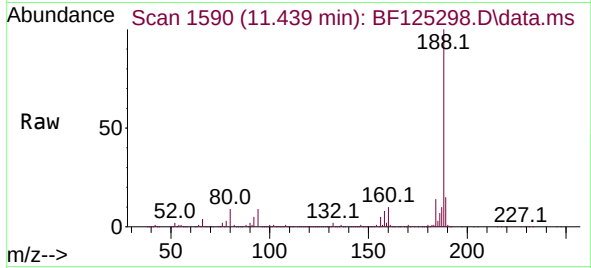




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF125298.D
Acq: 31 Aug 2021 20:21

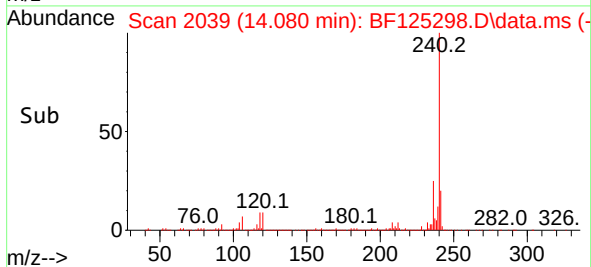
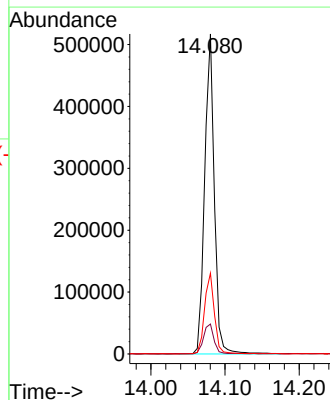
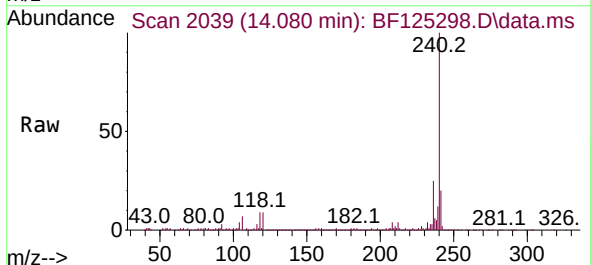
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191-0827-B1-0-2

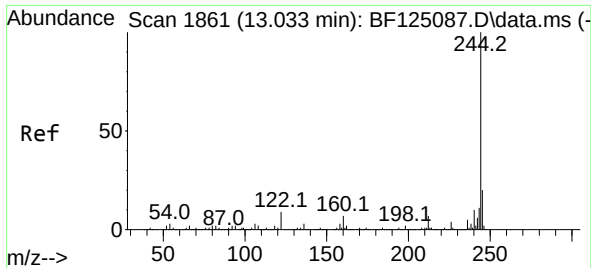
Tgt Ion:188 Resp: 625966
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 9.4 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF125298.D
Acq: 31 Aug 2021 20:21

Tgt Ion:240 Resp: 469035
Ion Ratio Lower Upper
240 100
120 9.4 10.8 16.2#
236 25.3 21.6 32.4

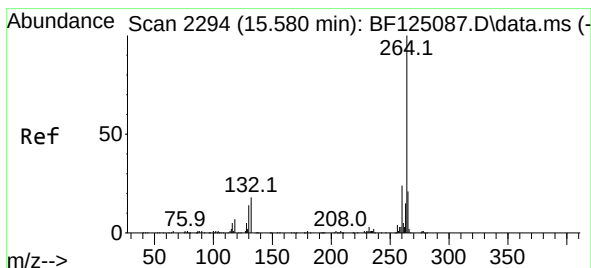
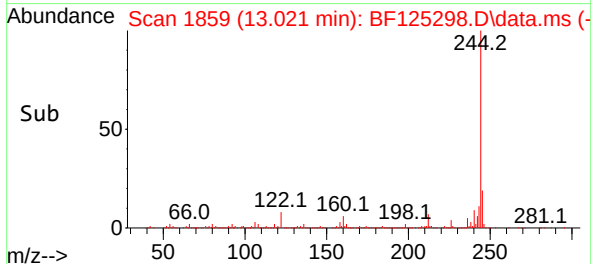
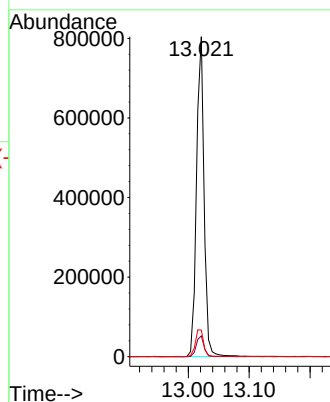
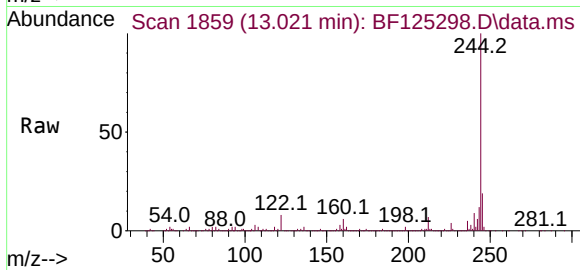




#79
Terphenyl-d14
Concen: 23.623 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BF125298.D
Acq: 31 Aug 2021 20:21

Instrument :
BNA_F
ClientSampleId :
191-0827-B1-0-2

Tgt Ion:244 Resp: 695499
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 8.3 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: BF125298.D
Acq: 31 Aug 2021 20:21

Tgt Ion:264 Resp: 429225
Ion Ratio Lower Upper
264 100
260 23.6 19.6 29.4
265 21.9 17.2 25.8

