

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090421\
 Data File : BF125371.D
 Acq On : 4 Sep 2021 16:12
 Operator : JU/CG
 Sample : M3648-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20211057-SI-COMP-2-MODIFIED-EL

Quant Time: Sep 06 08:28:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 03 11:56:34 2021
 Response via : Initial Calibration

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

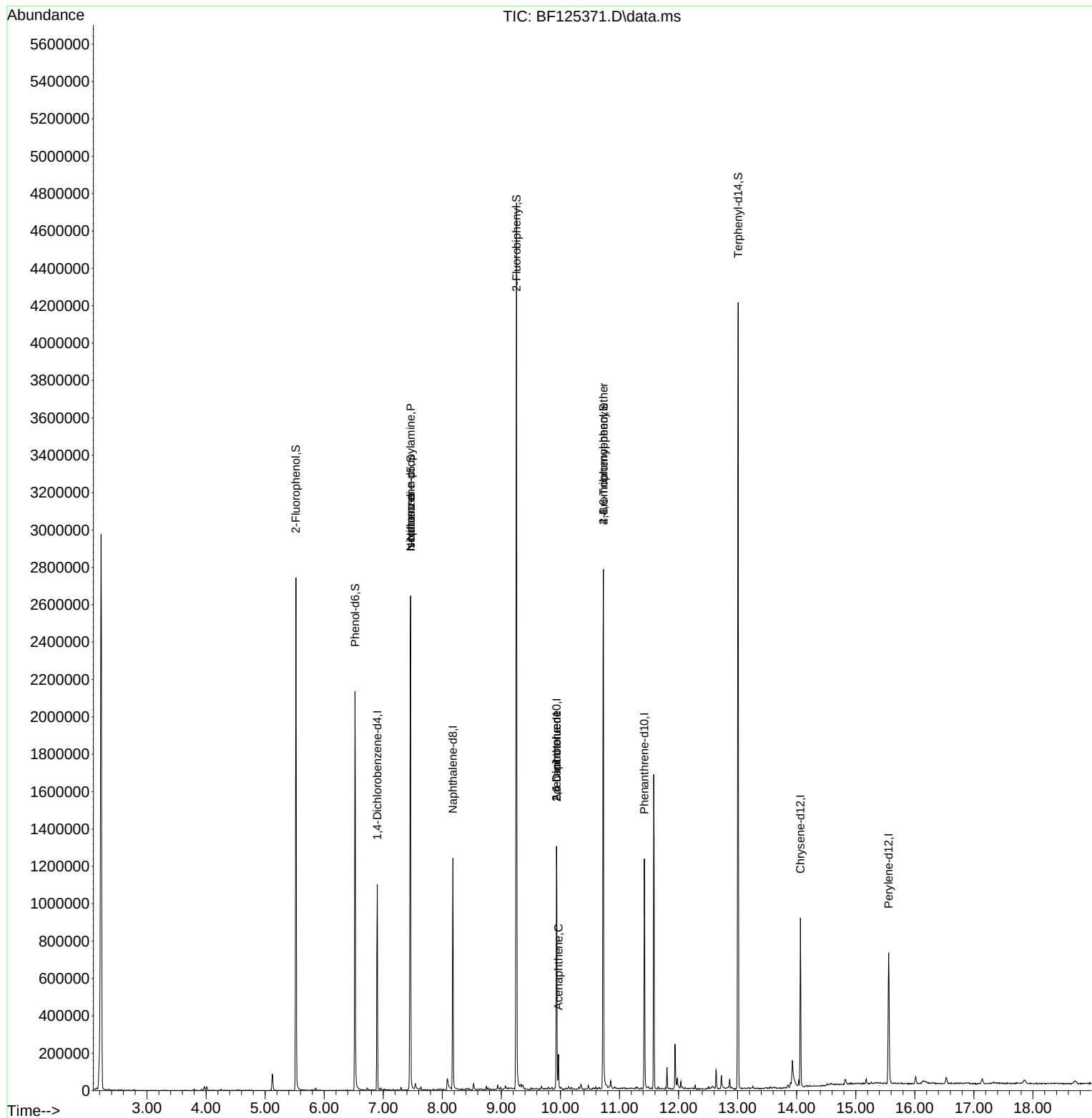
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	145289	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	544876	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	272308	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	445834	20.000	ng	0.00
76) Chrysene-d12	14.062	240	296334	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	329851	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	654826	68.219	ng	0.00
7) Phenol-d6	6.522	99	667814	53.793	ng	-0.01
23) Nitrobenzene-d5	7.463	82	899956	83.152	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	364274	134.011	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1561418	79.917	ng	0.00
79) Terphenyl-d14	13.010	244	1454436	78.190	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	120753	16.171	ng	# 54
25) Isophorone	7.463	82	899950	43.103	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	34529	8.439	ng	# 28
52) Acenaphthene	9.969	154	35510	2.203	ng	97
57) 2,4-Dinitrotoluene	9.933	165	34529	6.972	ng	# 20
67) 4-Bromophenyl-phenylether	10.727	248	21951	4.100	ng	# 1

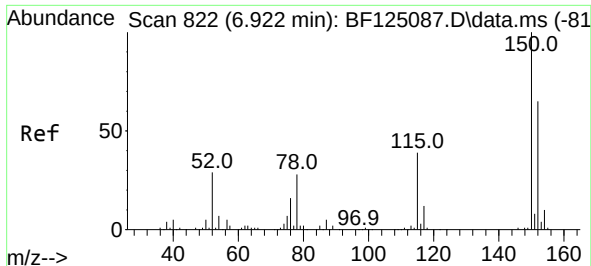
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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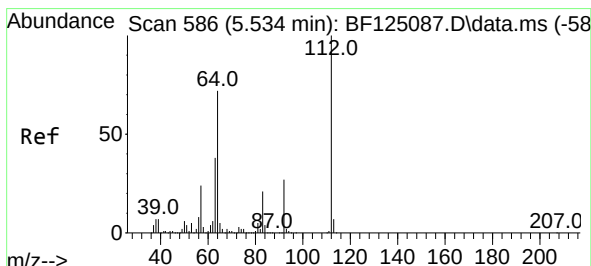
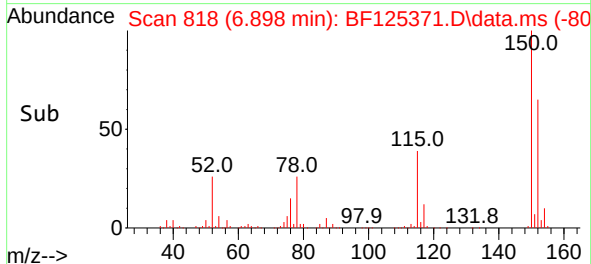
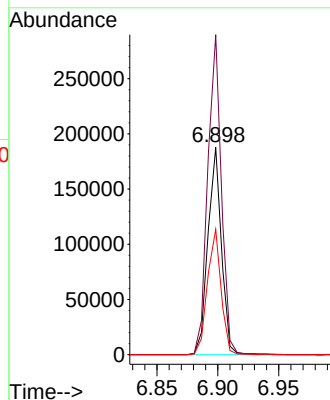
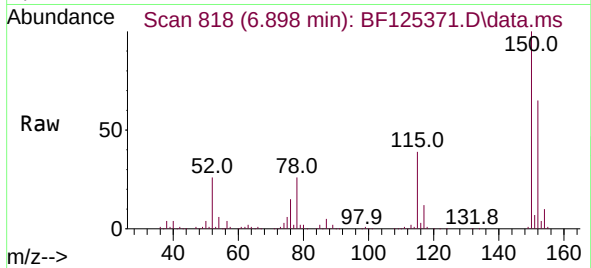




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125371.D
Acq: 4 Sep 2021 16:12

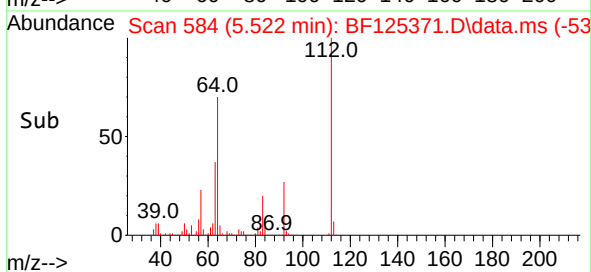
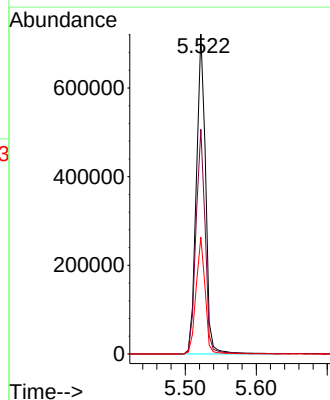
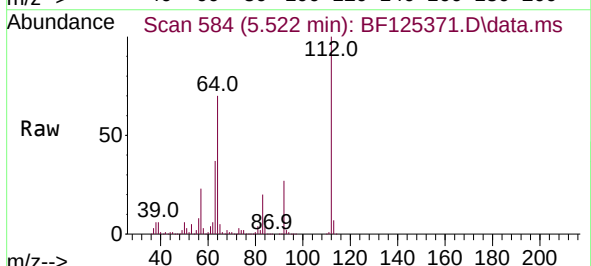
Instrument :
BNA_F
ClientSampleId :
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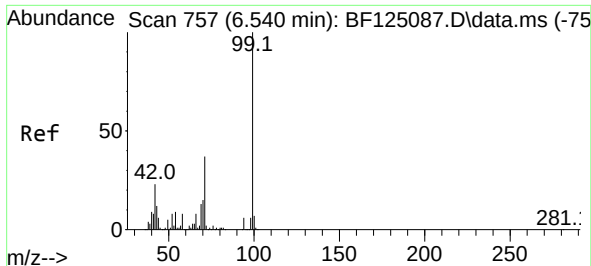
Tgt Ion:152 Resp: 145289
Ion Ratio Lower Upper
152 100
150 154.3 117.6 176.4
115 60.4 47.1 70.7



#5
2-Fluorophenol
Concen: 68.219 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.000 min
Lab File: BF125371.D
Acq: 4 Sep 2021 16:12

Tgt Ion:112 Resp: 654826
Ion Ratio Lower Upper
112 100
64 70.2 44.2 66.2#
63 36.5 26.2 39.2

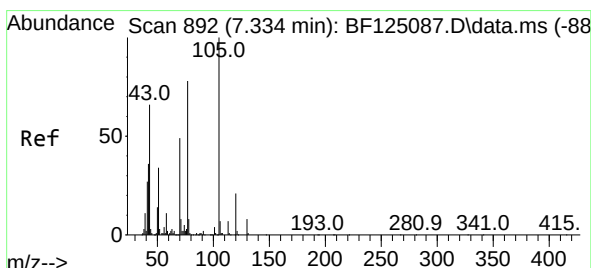
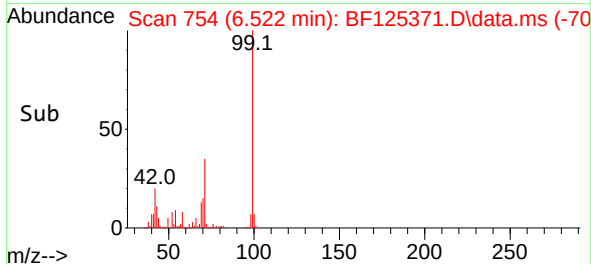
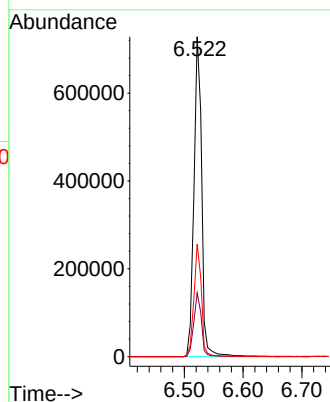
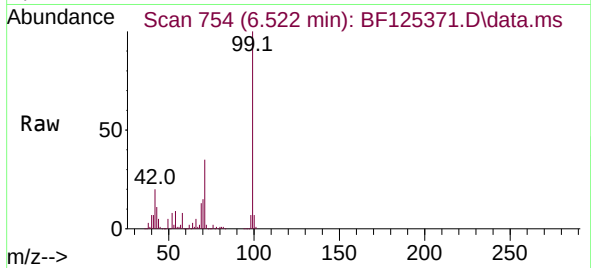




#7
Phenol-d6
Concen: 53.793 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF125371.D
Acq: 4 Sep 2021 16:12

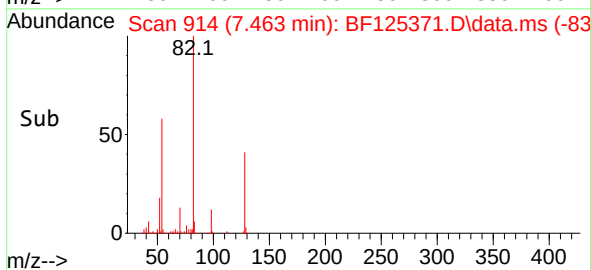
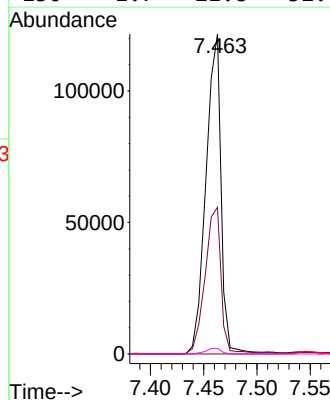
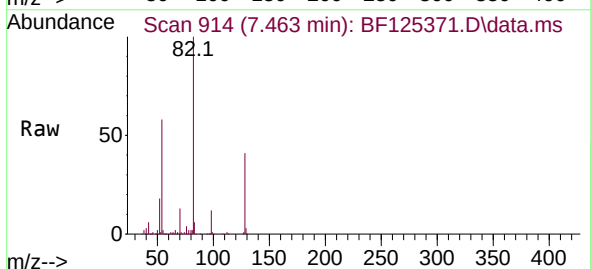
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ClientSampleId :
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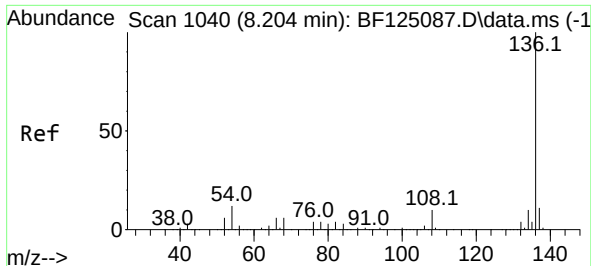
Tgt Ion: 99 Resp: 667814
Ion Ratio Lower Upper
99 100
42 20.0 23.5 35.3#
71 35.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.171 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.153 min
Lab File: BF125371.D
Acq: 4 Sep 2021 16:12

Tgt Ion: 70 Resp: 120753
Ion Ratio Lower Upper
70 100
42 45.9 72.2 108.2#
101 0.0 7.8 11.8#
130 1.7 21.8 32.6#

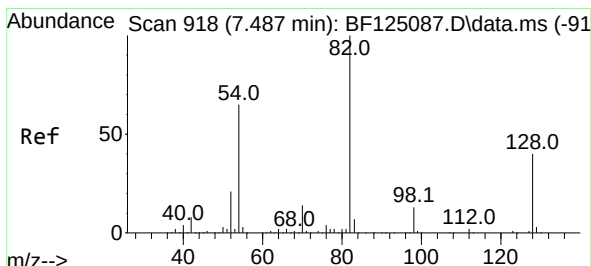
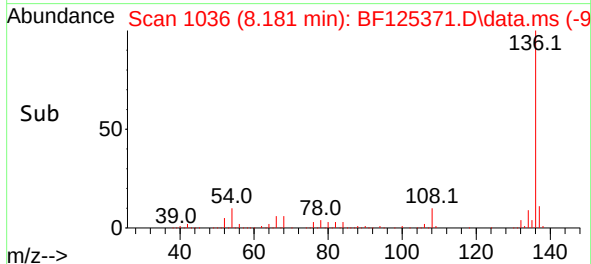
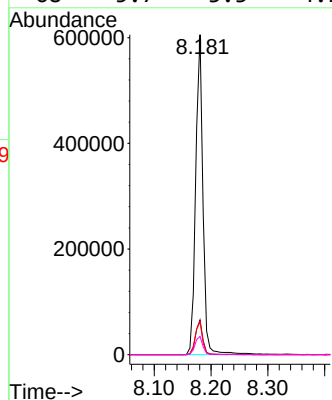
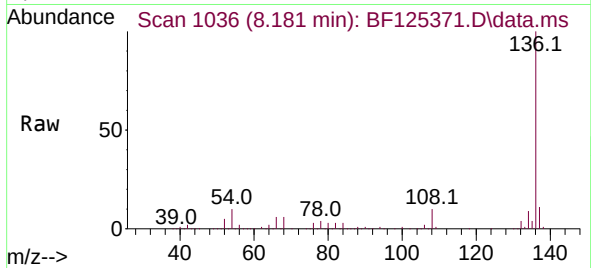




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF125371.D
Acq: 4 Sep 2021 16:12

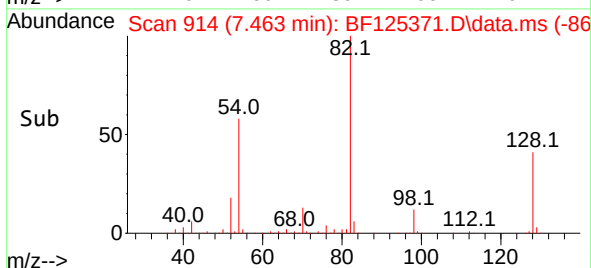
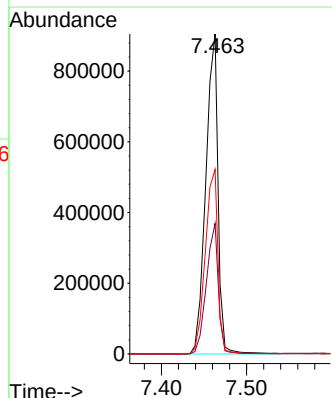
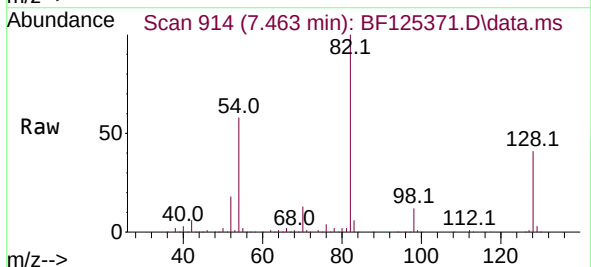
Instrument :
BNA_F
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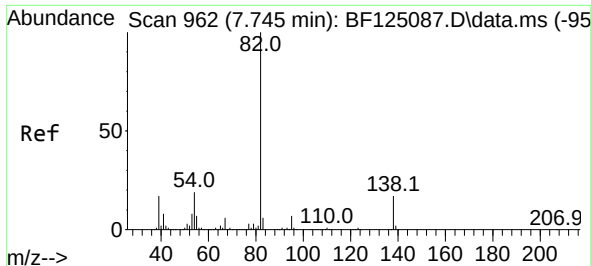
Tgt Ion:136	Resp: 544876
Ion Ratio	Lower Upper
136 100	
137 10.9	9.8 14.6
54 10.2	6.4 9.6#
68 5.7	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 83.152 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF125371.D
Acq: 4 Sep 2021 16:12

Tgt Ion: 82	Resp: 899956
Ion Ratio	Lower Upper
82 100	
128 40.8	40.6 60.8
54 57.7	49.6 74.4

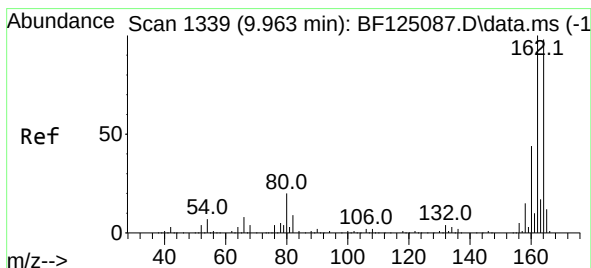
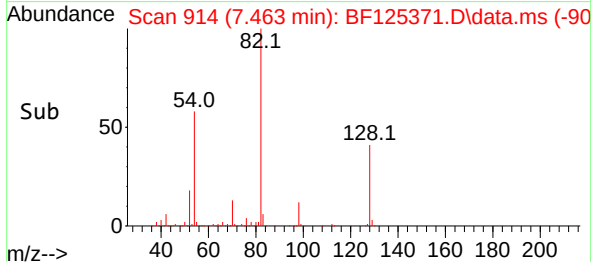
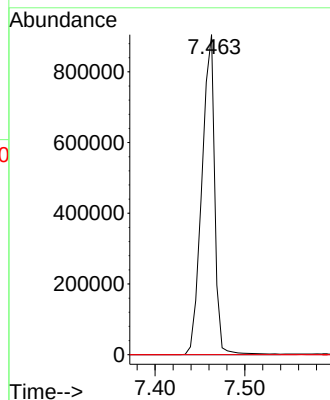
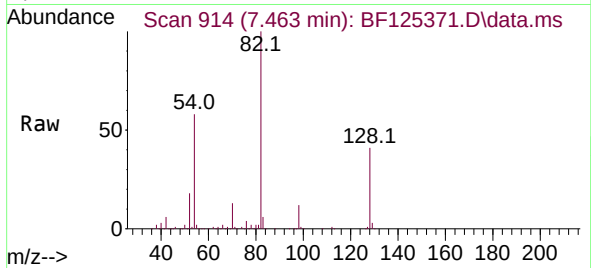




#25
Isophorone
Concen: 43.103 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF125371.D
Acq: 4 Sep 2021 16:12

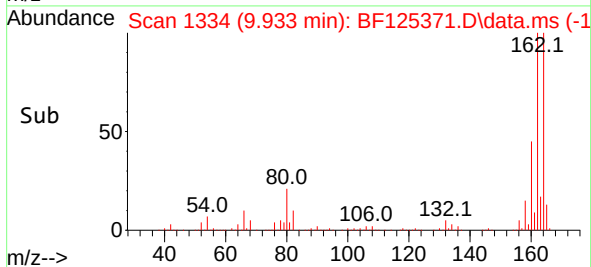
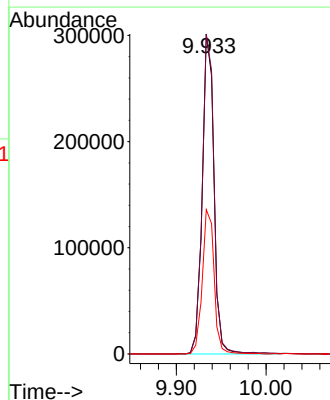
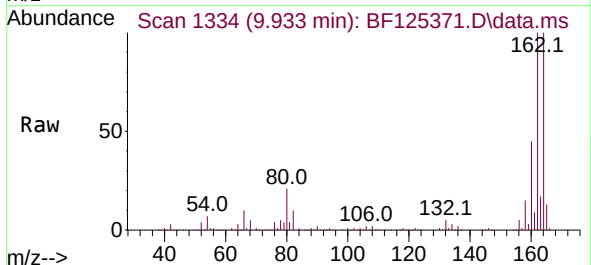
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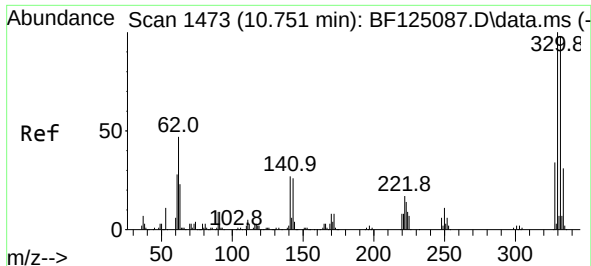
Tgt Ion: 82 Resp: 899950
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125371.D
Acq: 4 Sep 2021 16:12

Tgt Ion: 164 Resp: 272308
Ion Ratio Lower Upper
164 100
162 99.9 81.3 121.9
160 45.1 38.0 57.0

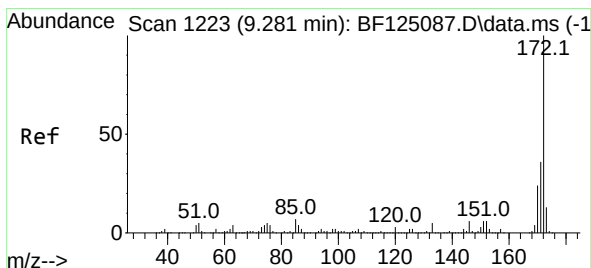
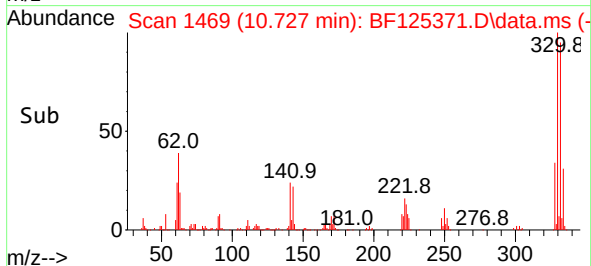
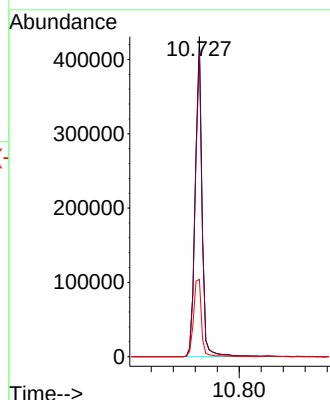
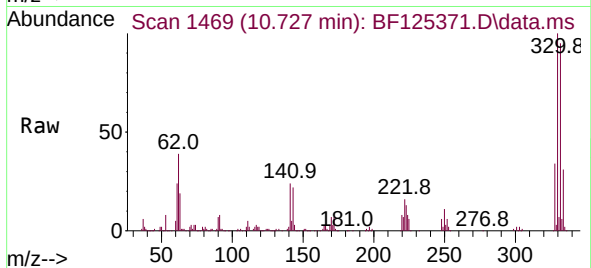




#42
2,4,6-Tribromophenol
Concen: 134.011 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF125371.D
Acq: 4 Sep 2021 16:12

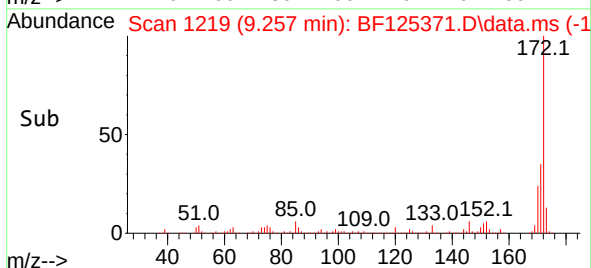
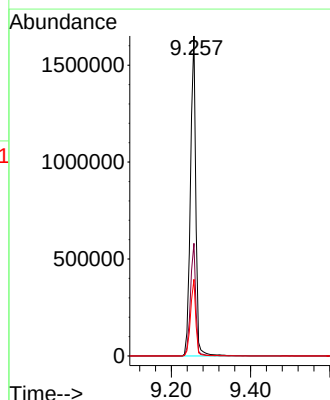
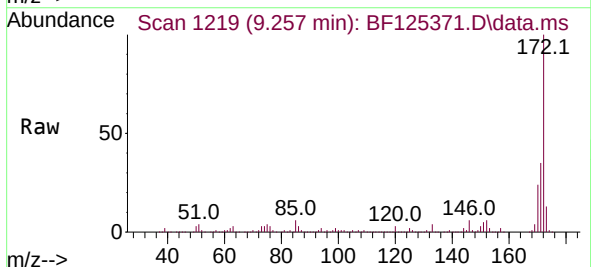
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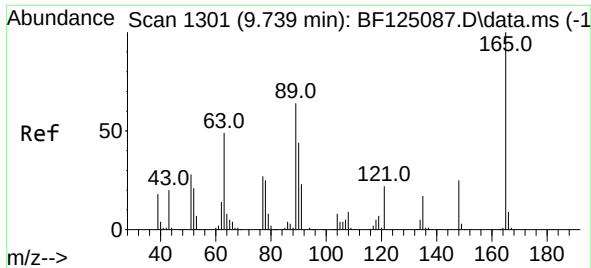
Tgt Ion:330 Resp: 364274
Ion Ratio Lower Upper
330 100
332 96.3 76.2 114.4
141 28.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 79.917 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF125371.D
Acq: 4 Sep 2021 16:12

Tgt Ion:172 Resp: 1561418
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 24.0 18.8 28.2

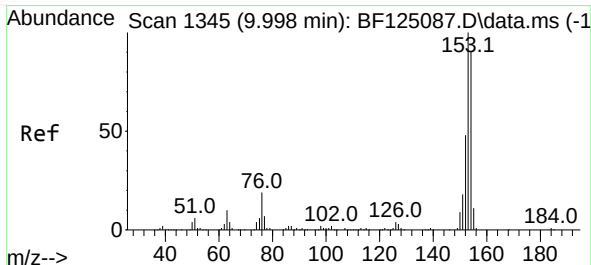
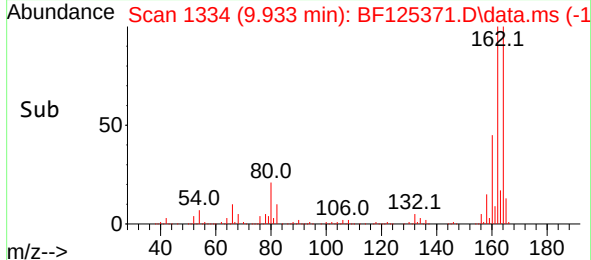
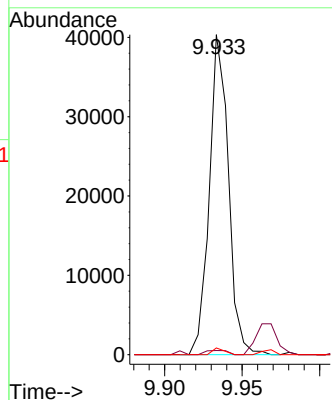
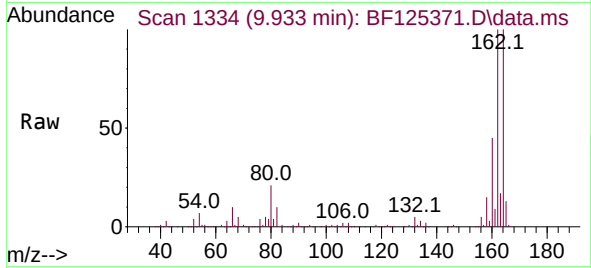




#51
2,6-Dinitrotoluene
Concen: 8.439 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF125371.D
Acq: 4 Sep 2021 16:12

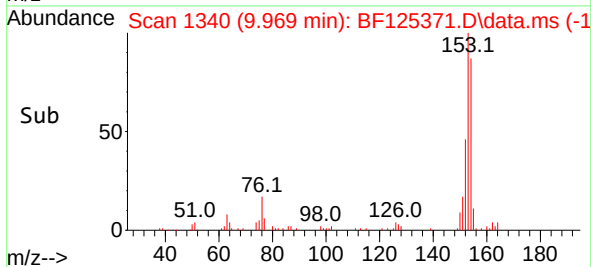
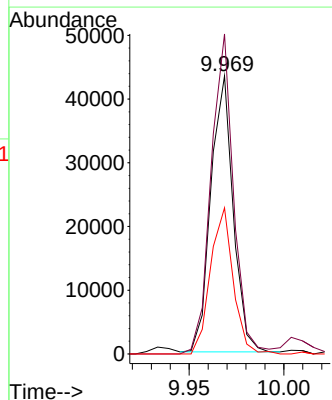
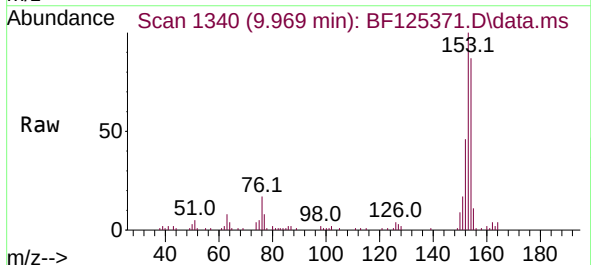
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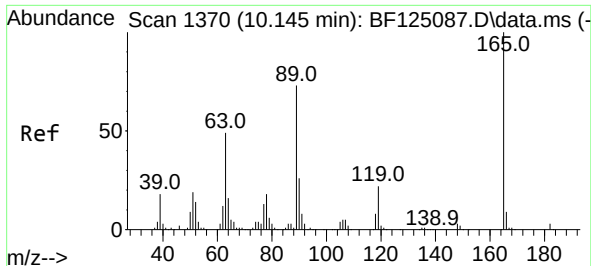
Tgt Ion:165 Resp: 34529
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 2.1 40.6 60.8#



#52
Acenaphthene
Concen: 2.203 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF125371.D
Acq: 4 Sep 2021 16:12

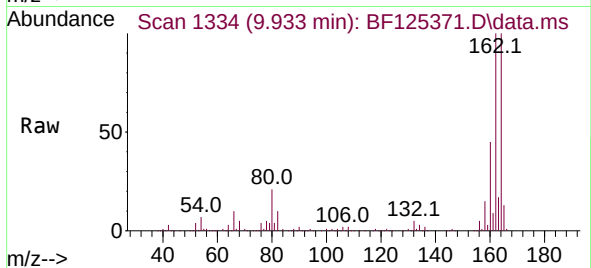
Tgt Ion:154 Resp: 35510
Ion Ratio Lower Upper
154 100
153 115.1 89.4 134.2
152 52.5 40.5 60.7



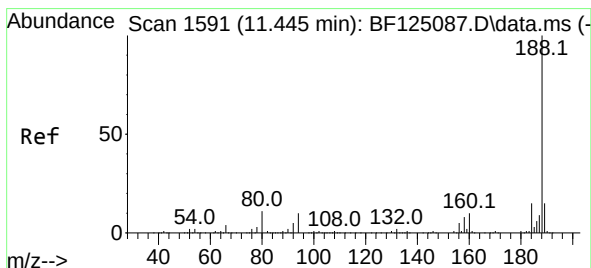
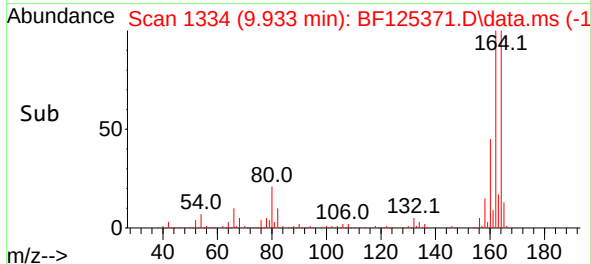
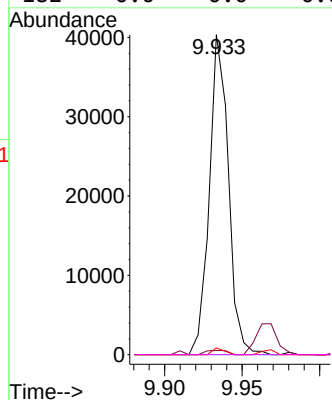


#57
2,4-Dinitrotoluene
Concen: 6.972 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF125371.D
Acq: 4 Sep 2021 16:12

Instrument :
BNA_F
ClientSampleId :
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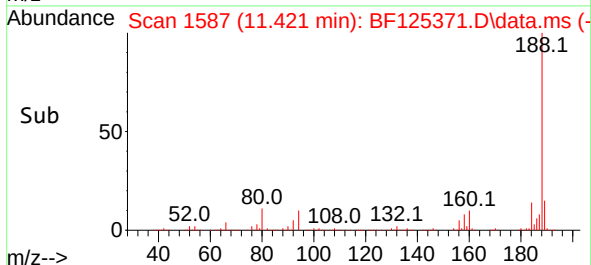
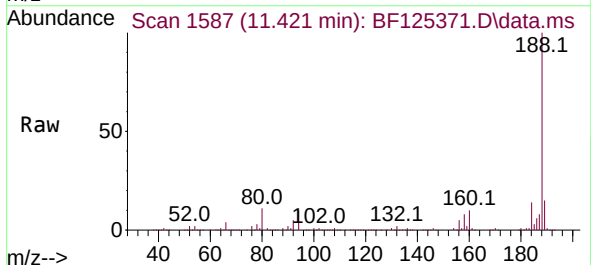
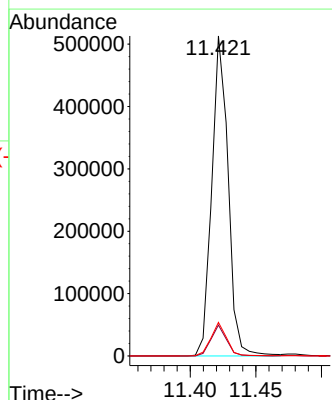


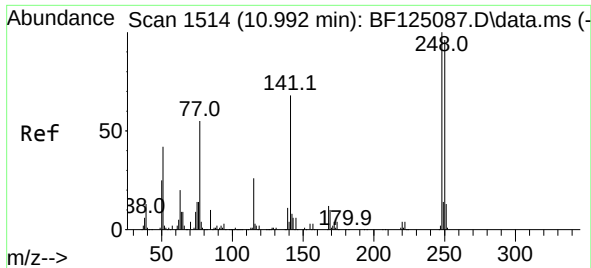
Tgt Ion:165	Resp:	34529
Ion Ratio	Lower	Upper
165	100	
63	1.3	40.9 61.3#
89	2.1	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF125371.D
Acq: 4 Sep 2021 16:12

Tgt Ion:188	Resp:	445834
Ion Ratio	Lower	Upper
188	100	
94	9.7	6.7 10.1
80	10.5	7.5 11.3

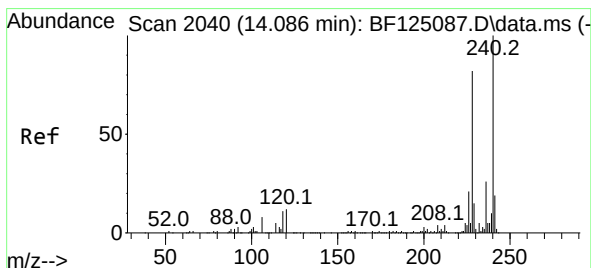
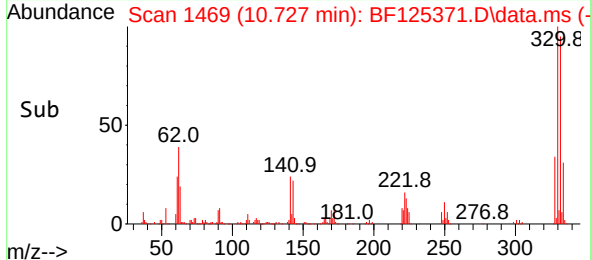
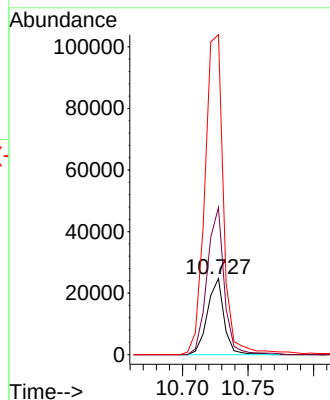
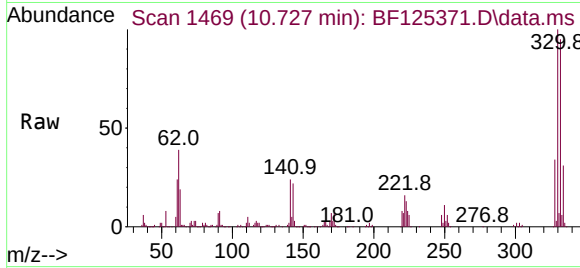




#67
4-Bromophenyl-phenylether
Concen: 4.100 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF125371.D
Acq: 4 Sep 2021 16:12

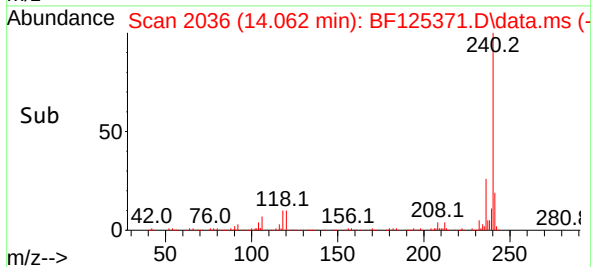
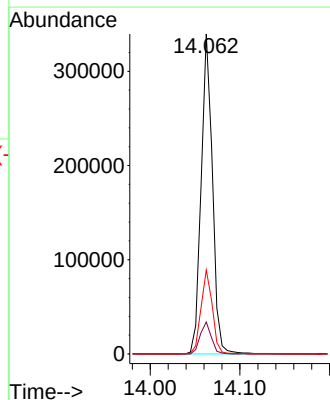
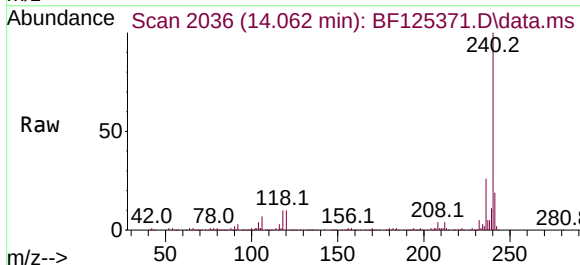
Instrument :
BNA_F
ClientSampleId :
20211057-SI-COMP-2-MODIFIED-EL

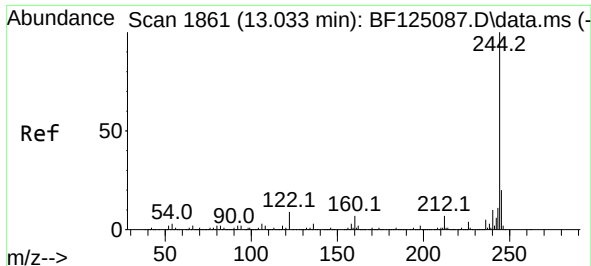
Tgt Ion:248 Resp: 21951
Ion Ratio Lower Upper
248 100
250 193.3 74.2 111.4#
141 420.4 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF125371.D
Acq: 4 Sep 2021 16:12

Tgt Ion:240 Resp: 296334
Ion Ratio Lower Upper
240 100
120 10.0 10.8 16.2#
236 26.2 21.6 32.4

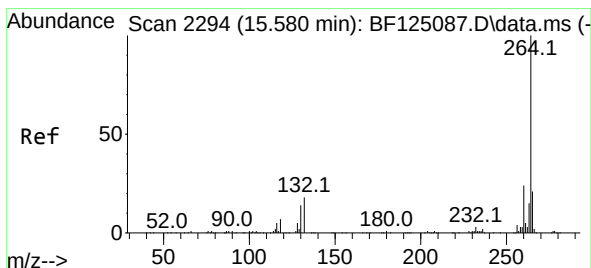
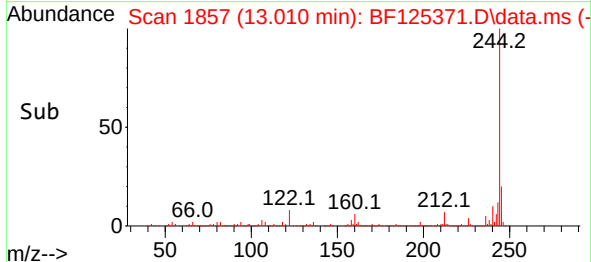
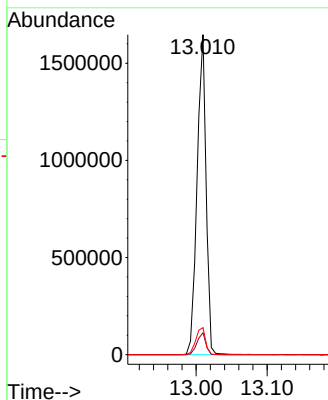
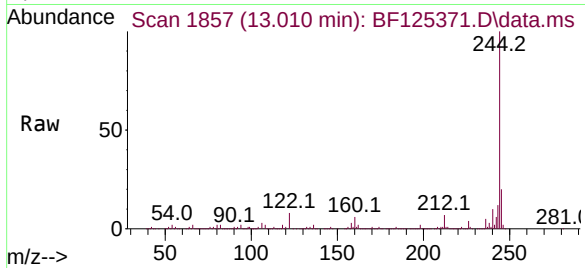




#79
Terphenyl-d14
Concen: 78.190 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BF125371.D
Acq: 4 Sep 2021 16:12

Instrument :
BNA_F
ClientSampleId :
20211057-SI-COMP-2-MODIFIED-EL

Tgt Ion:244 Resp: 1454436
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 8.4 9.0 13.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2290
Delta R.T. 0.000 min
Lab File: BF125371.D
Acq: 4 Sep 2021 16:12

Tgt Ion:264 Resp: 329851
Ion Ratio Lower Upper
264 100
260 23.7 19.6 29.4
265 21.1 17.2 25.8

