

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090421\
 Data File : BF125372.D
 Acq On : 4 Sep 2021 16:44
 Operator : JU/CG
 Sample : M3648-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Sep 06 08:28:39 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)

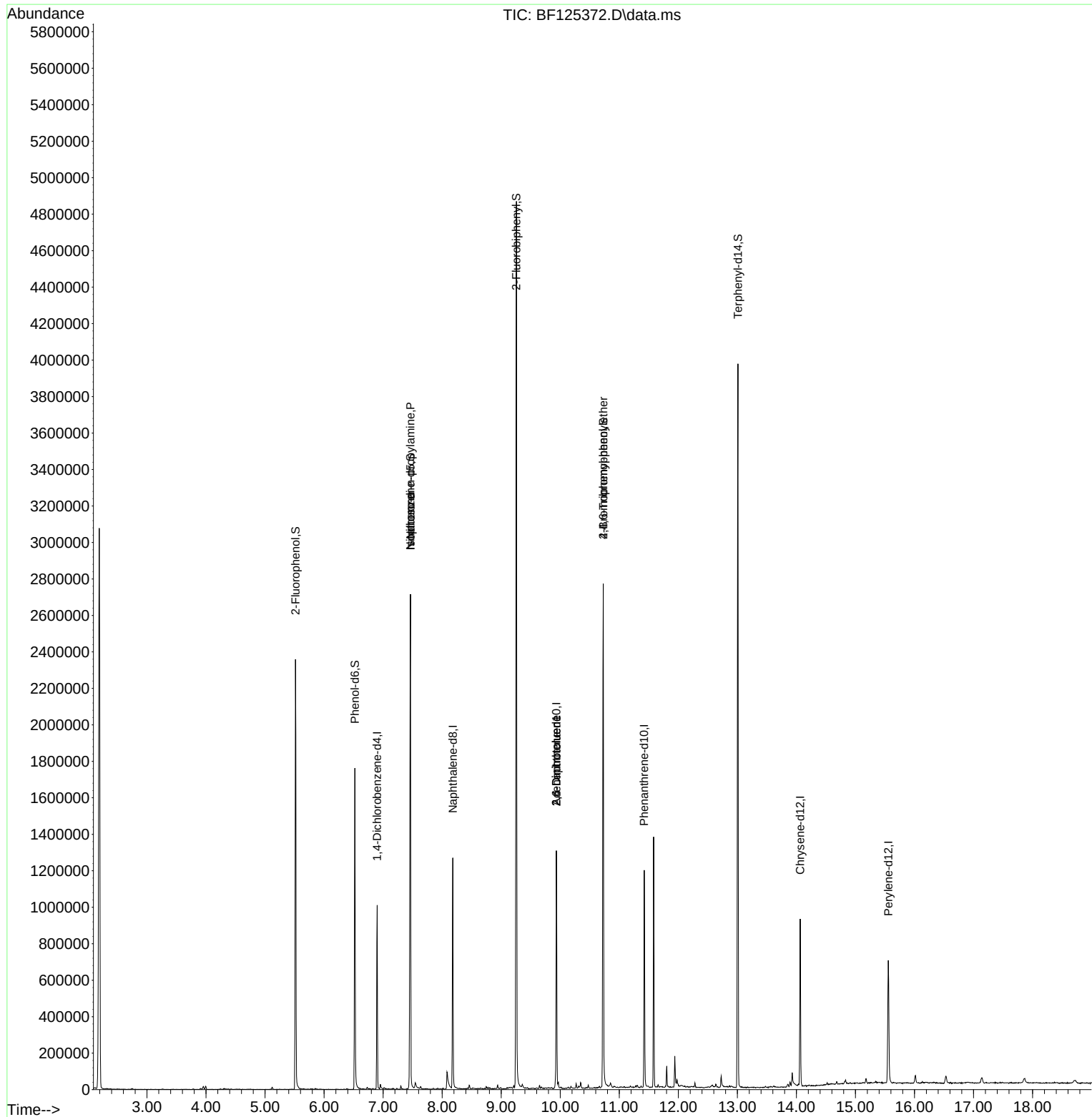
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	141893	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	527250	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	262260	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	422712	20.000	ng	0.00
76) Chrysene-d12	14.062	240	301515	20.000	ng	# 0.00
86) Perylene-d12	15.556	264	330381	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	611009	65.177	ng	0.00
7) Phenol-d6	6.522	99	530365	43.744	ng	-0.01
23) Nitrobenzene-d5	7.463	82	914998	87.368	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	383165	146.362	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1558613	82.829	ng	0.00
79) Terphenyl-d14	13.010	244	1413528	74.685	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	124042	17.009	ng	# 56
25) Isophorone	7.463	82	914986	45.288	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	32154	8.159	ng	# 28
57) 2,4-Dinitrotoluene	9.933	165	32154	6.741	ng	# 20
67) 4-Bromophenyl-phenylether	10.727	248	22760	4.484	ng	# 1

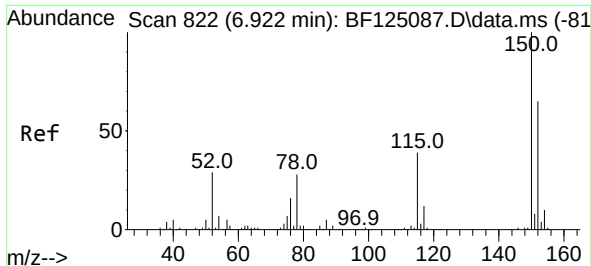
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 03 11:56:34 2021
Response via : Initial Calibration

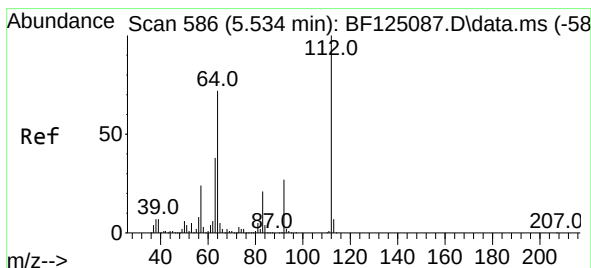
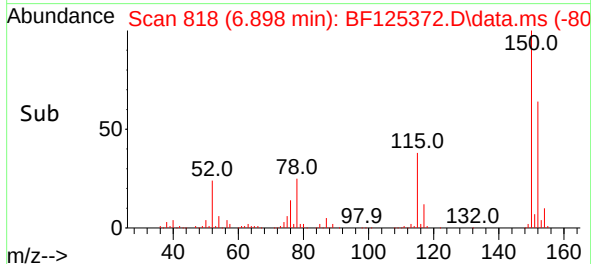
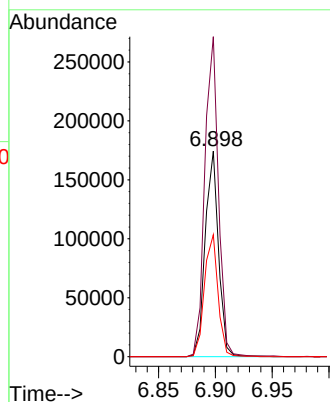
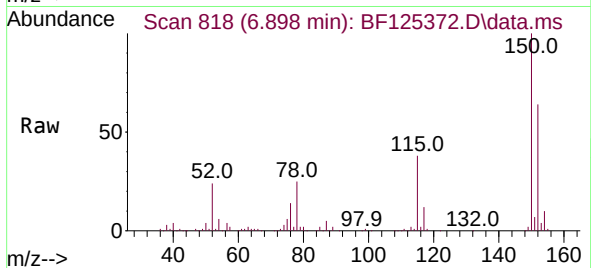




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 818
 Delta R.T. 0.000 min
 Lab File: BF125372.D
 Acq: 4 Sep 2021 16:44

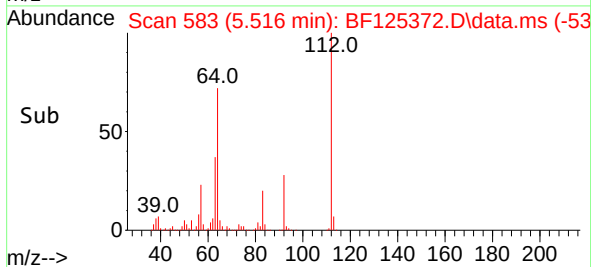
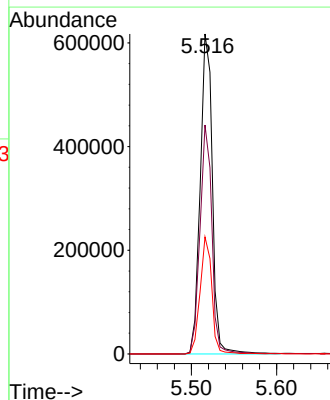
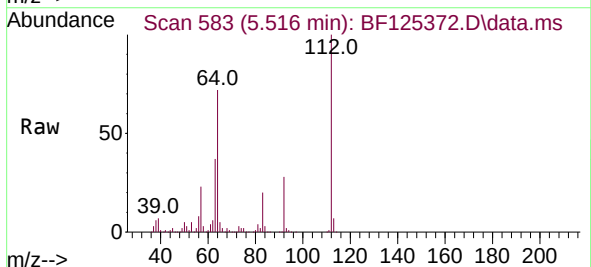
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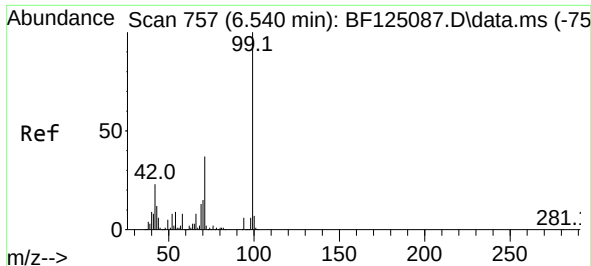
Tgt Ion:152 Resp: 141893
 Ion Ratio Lower Upper
 152 100
 150 155.7 117.6 176.4
 115 59.3 47.1 70.7



#5
 2-Fluorophenol
 Concen: 65.177 ng
 RT: 5.516 min Scan# 583
 Delta R.T. -0.006 min
 Lab File: BF125372.D
 Acq: 4 Sep 2021 16:44

Tgt Ion:112 Resp: 611009
 Ion Ratio Lower Upper
 112 100
 64 71.6 44.2 66.2#
 63 36.6 26.2 39.2

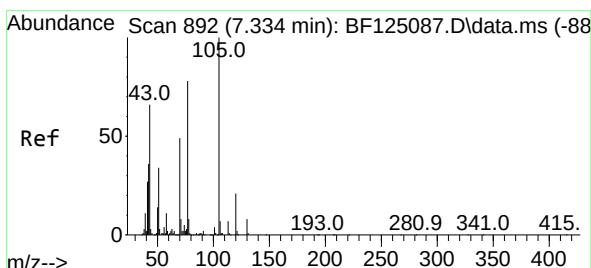
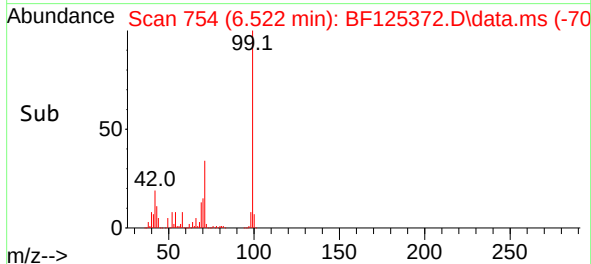
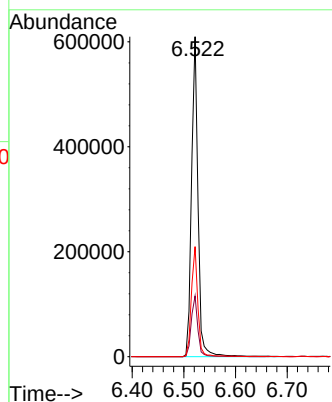
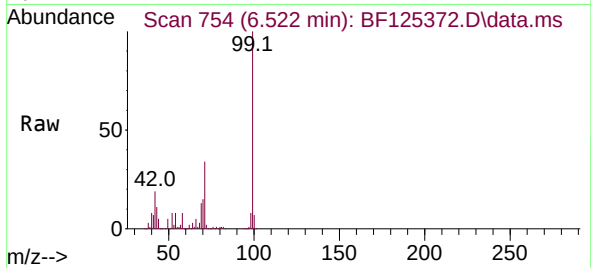




#7
Phenol-d6
Concen: 43.744 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF125372.D
Acq: 4 Sep 2021 16:44

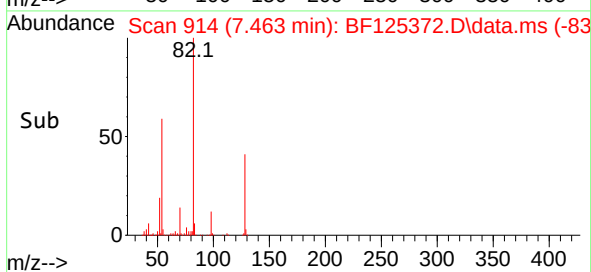
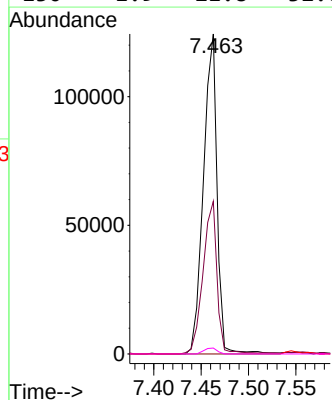
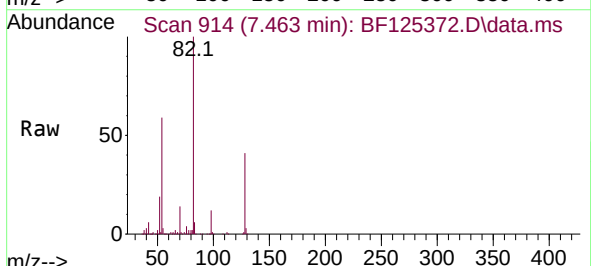
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ClientSampleId :
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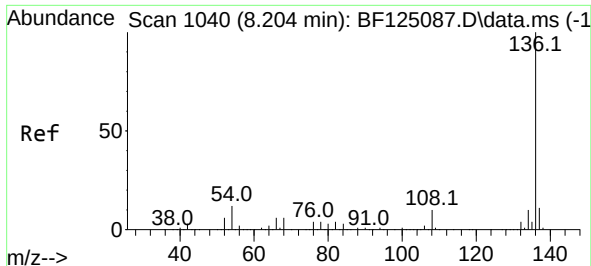
Tgt Ion: 99 Resp: 530365
Ion Ratio Lower Upper
99 100
42 19.0 23.5 35.3#
71 34.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.009 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.153 min
Lab File: BF125372.D
Acq: 4 Sep 2021 16:44

Tgt Ion: 70 Resp: 124042
Ion Ratio Lower Upper
70 100
42 47.7 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#

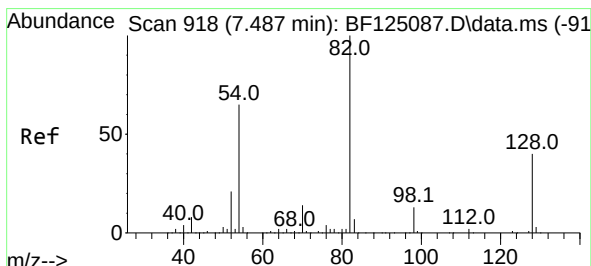
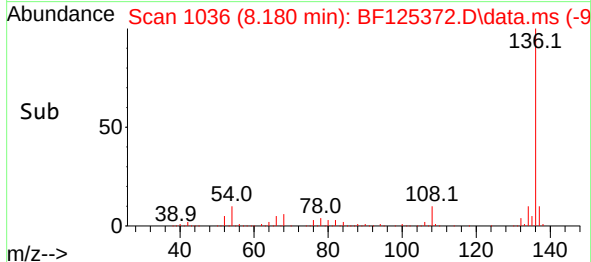
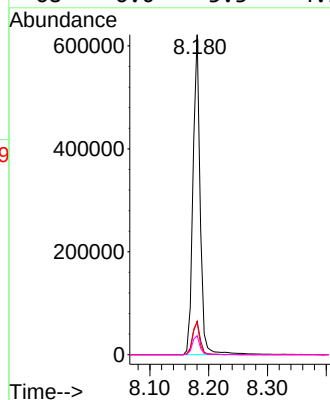
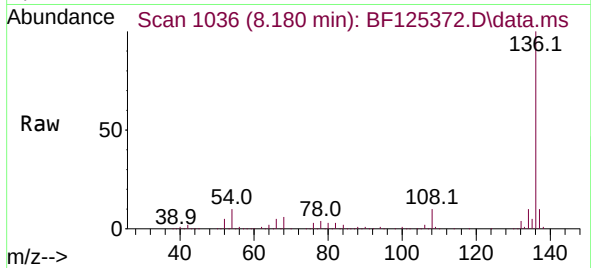




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF125372.D
Acq: 4 Sep 2021 16:44

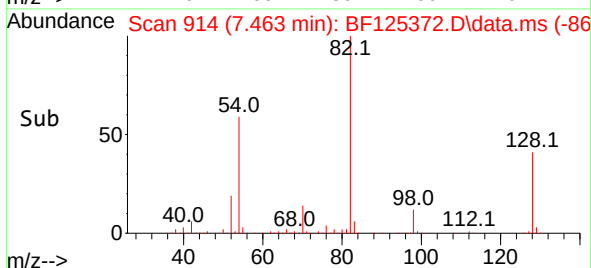
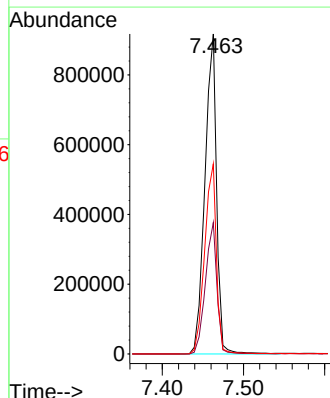
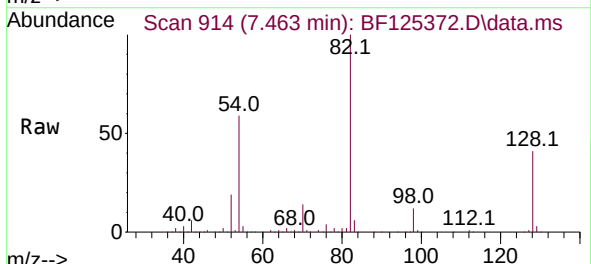
Instrument :
BNA_F
ClientSampleId :
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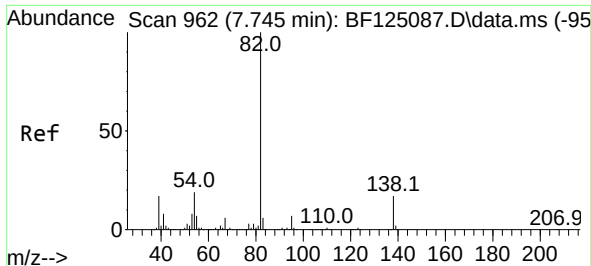
Tgt Ion:136 Resp: 527250
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.6
54 10.2 6.4 9.6#
68 6.0 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 87.368 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF125372.D
Acq: 4 Sep 2021 16:44

Tgt Ion: 82 Resp: 914998
Ion Ratio Lower Upper
82 100
128 41.0 40.6 60.8
54 59.4 49.6 74.4

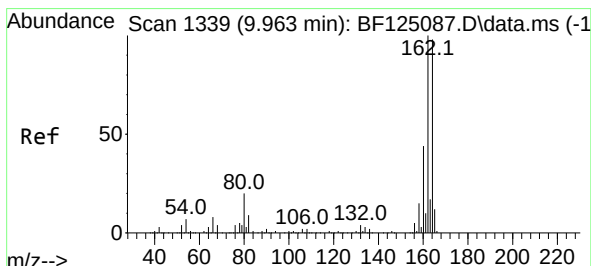
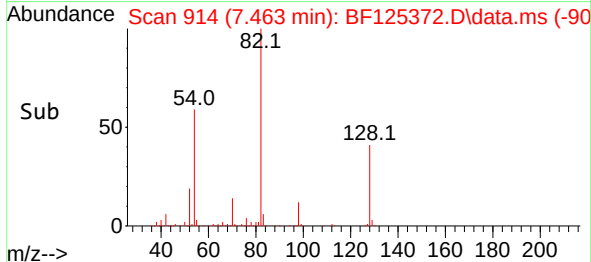
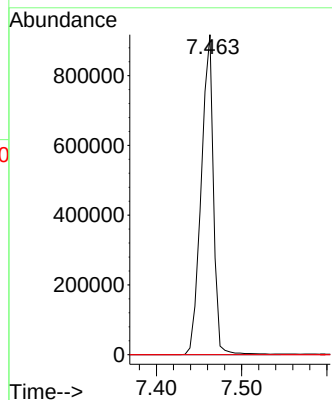
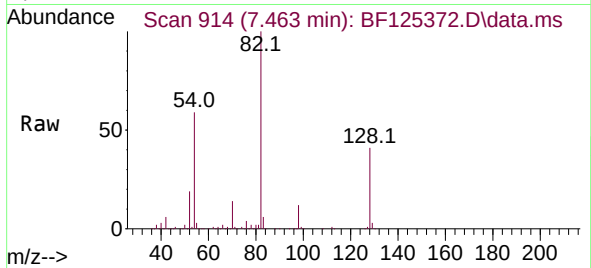




#25
Isophorone
Concen: 45.288 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF125372.D
Acq: 4 Sep 2021 16:44

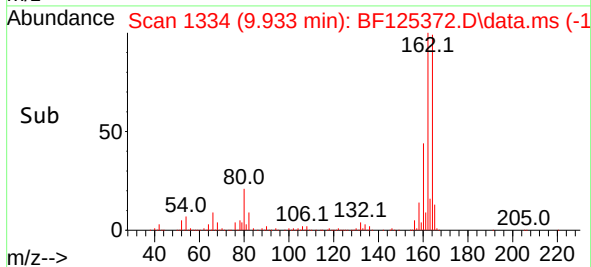
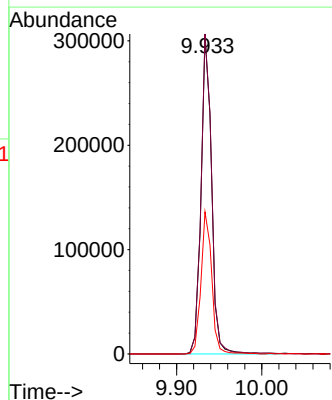
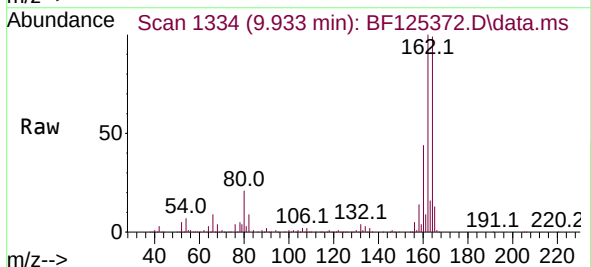
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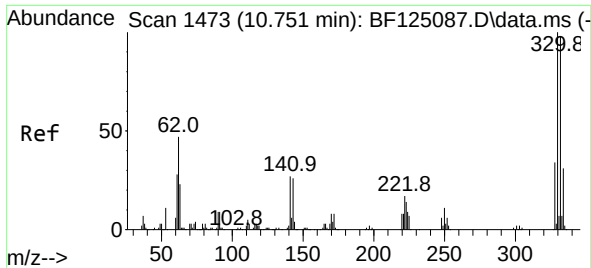
Tgt Ion: 82 Resp: 914986
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125372.D
Acq: 4 Sep 2021 16:44

Tgt Ion: 164 Resp: 262260
Ion Ratio Lower Upper
164 100
162 100.7 81.3 121.9
160 44.7 38.0 57.0

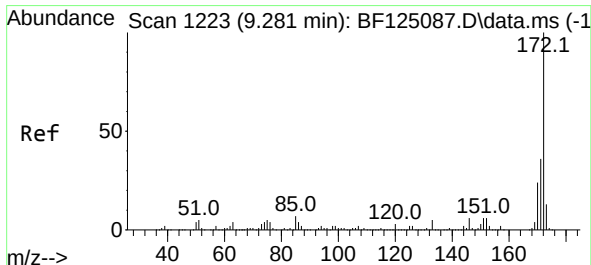
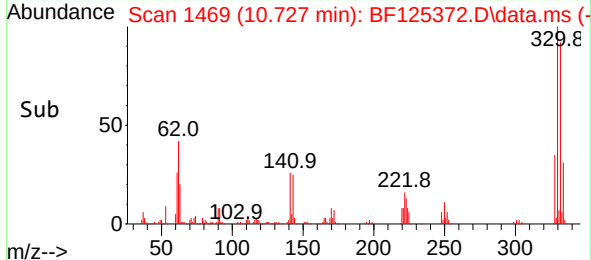
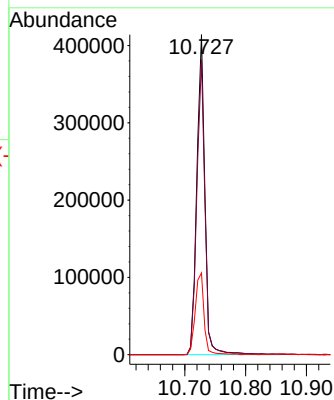
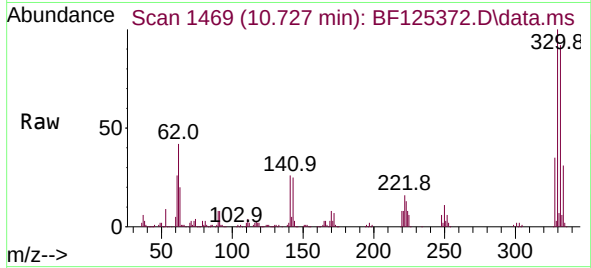




#42
2,4,6-Tribromophenol
Concen: 146.362 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF125372.D
Acq: 4 Sep 2021 16:44

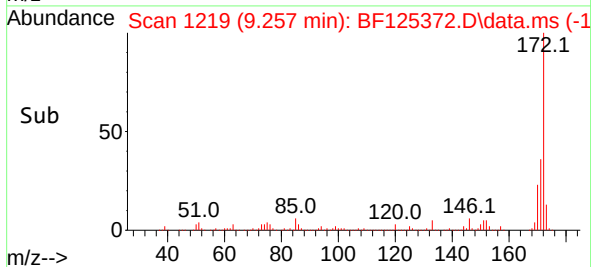
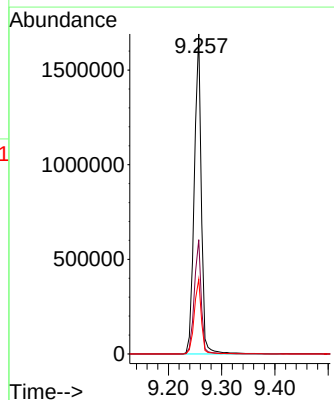
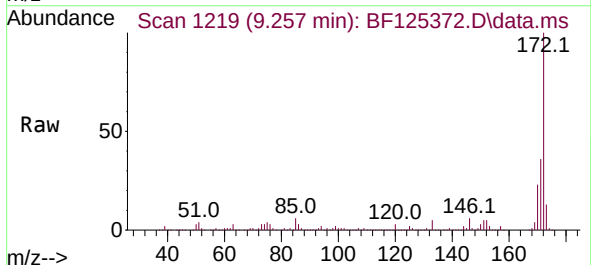
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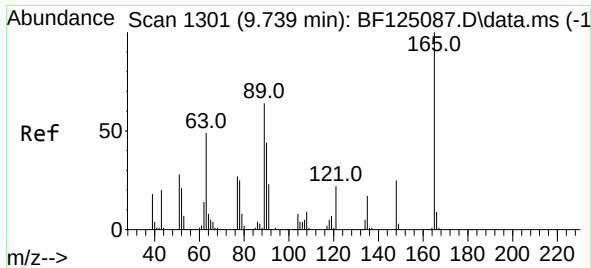
Tgt Ion:330 Resp: 383165
Ion Ratio Lower Upper
330 100
332 93.3 76.2 114.4
141 27.7 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 82.829 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF125372.D
Acq: 4 Sep 2021 16:44

Tgt Ion:172 Resp: 1558613
Ion Ratio Lower Upper
172 100
171 35.7 26.5 39.7
170 23.4 18.8 28.2

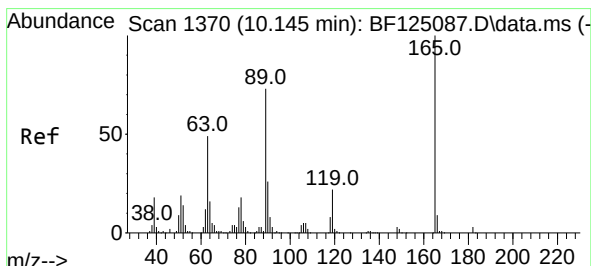
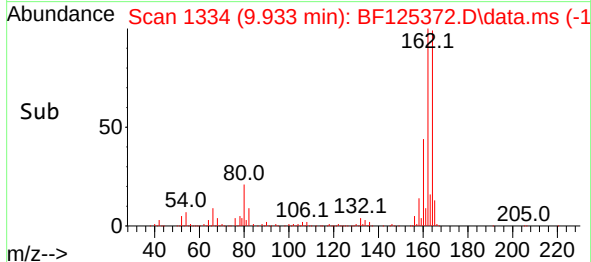
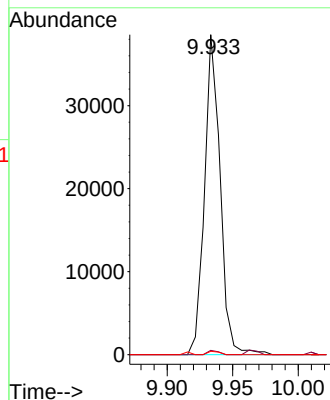
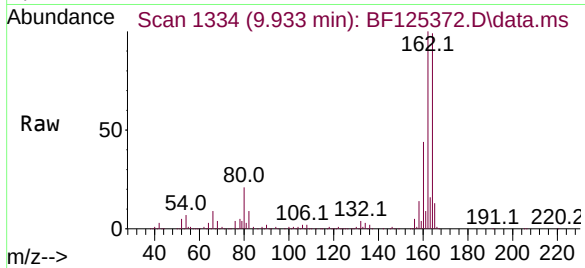




#51
2,6-Dinitrotoluene
Concen: 8.159 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF125372.D
Acq: 4 Sep 2021 16:44

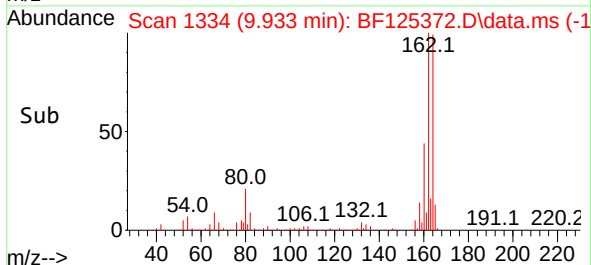
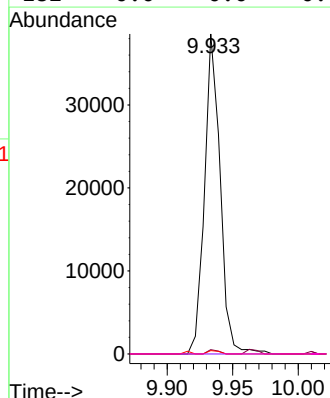
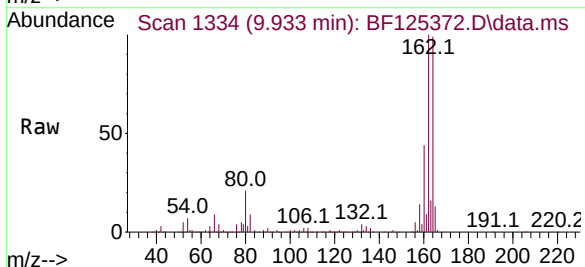
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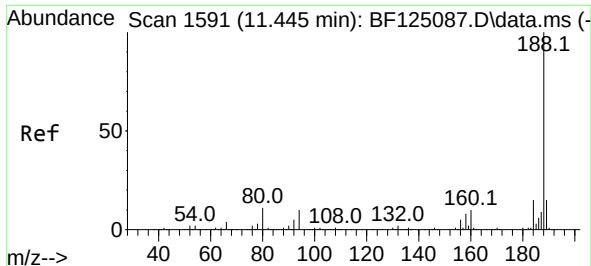
Tgt Ion:165 Resp: 32154
Ion Ratio Lower Upper
165 100
63 1.4 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.741 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF125372.D
Acq: 4 Sep 2021 16:44

Tgt Ion:165 Resp: 32154
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

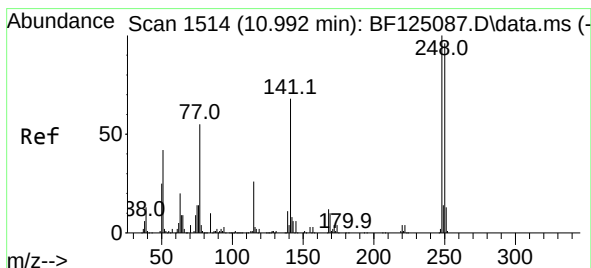
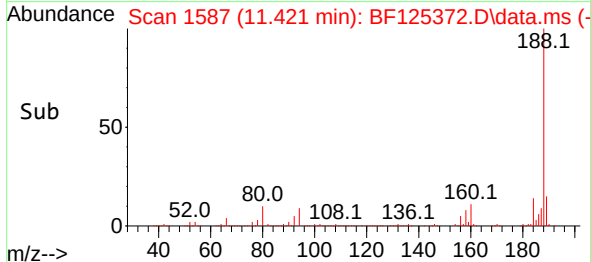
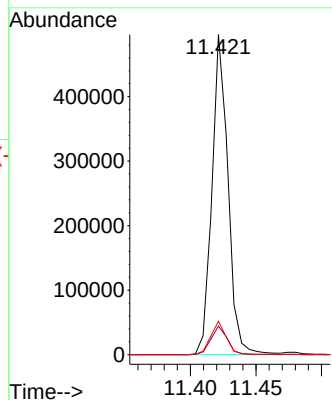
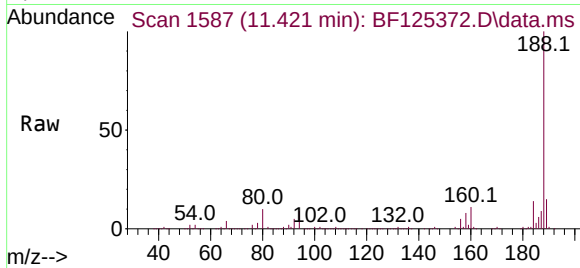




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF125372.D
Acq: 4 Sep 2021 16:44

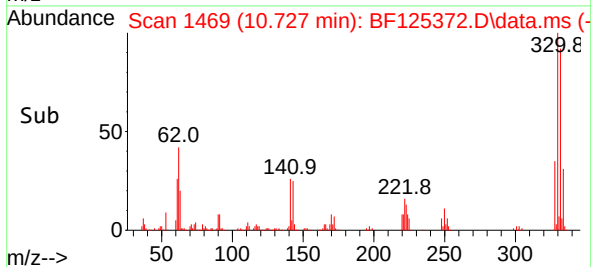
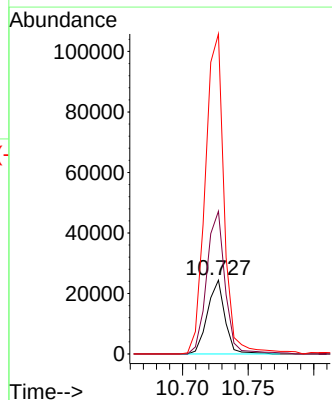
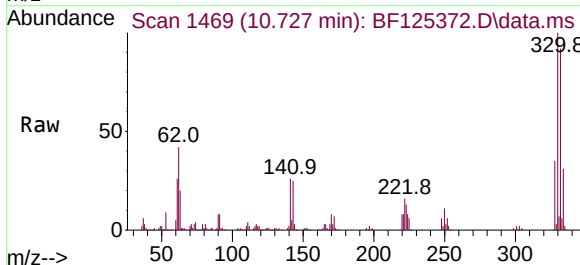
Instrument :
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ClientSampleId :
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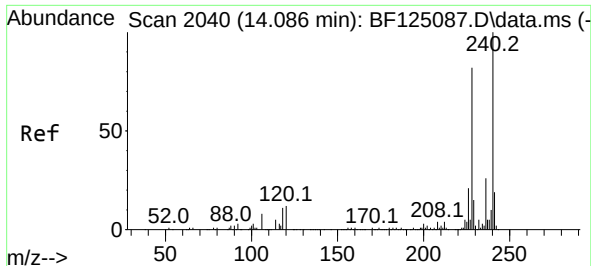
Tgt Ion:188 Resp: 422712
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 10.5 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.484 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF125372.D
Acq: 4 Sep 2021 16:44

Tgt Ion:248 Resp: 22760
Ion Ratio Lower Upper
248 100
250 193.7 74.2 111.4#
141 434.3 60.4 90.6#

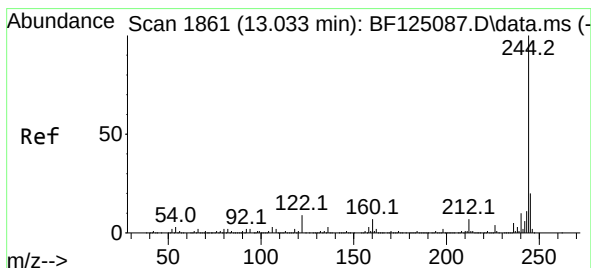
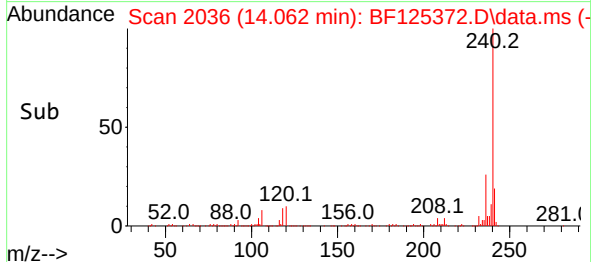
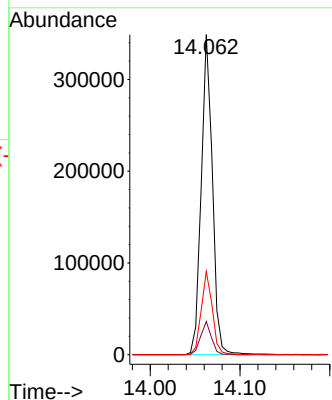
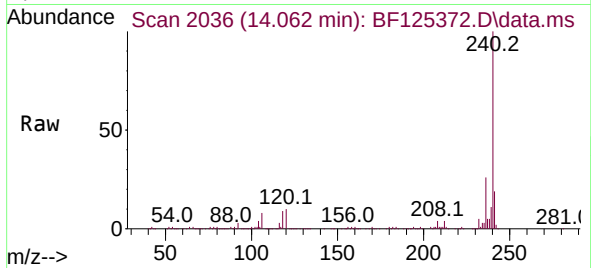




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF125372.D
Acq: 4 Sep 2021 16:44

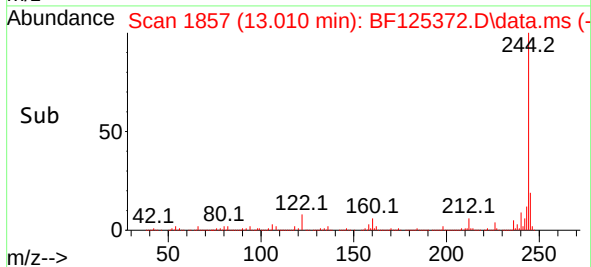
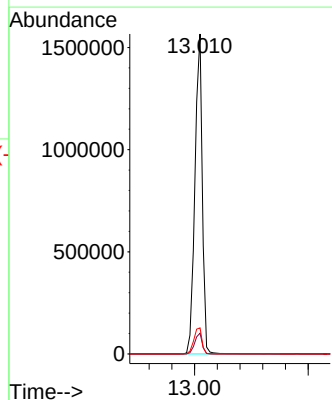
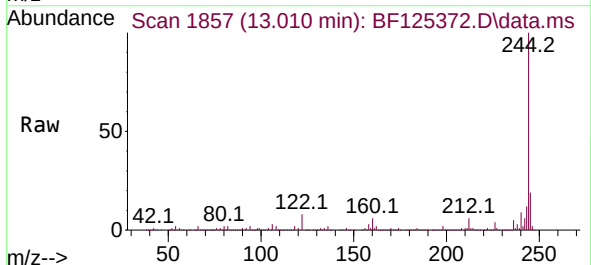
Instrument :
BNA_F
ClientSampleId :
20211057-SI-COMP-2-MODIFIED-EL

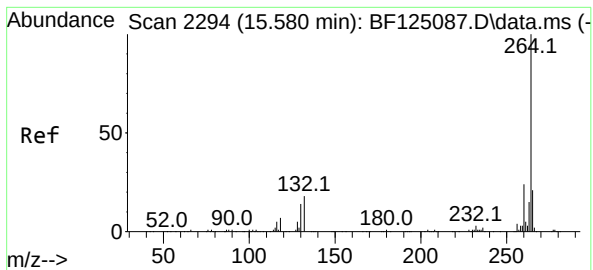
Tgt Ion:240 Resp: 301515
Ion Ratio Lower Upper
240 100
120 10.4 10.8 16.2#
236 26.0 21.6 32.4



#79
Terphenyl-d14
Concen: 74.685 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.000 min
Lab File: BF125372.D
Acq: 4 Sep 2021 16:44

Tgt Ion:244 Resp: 1413528
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 8.2 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 2290
 Delta R.T. -0.000 min
 Lab File: BF125372.D
 Acq: 4 Sep 2021 16:44

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

Tgt Ion:264 Resp: 330381

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	22.6	17.2	25.8

