

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
 Data File : BF129391.D
 Acq On : 27 Jul 2022 23:16
 Operator : CG\JU
 Sample : N3887-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP072522

Quant Time: Jul 28 01:32:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

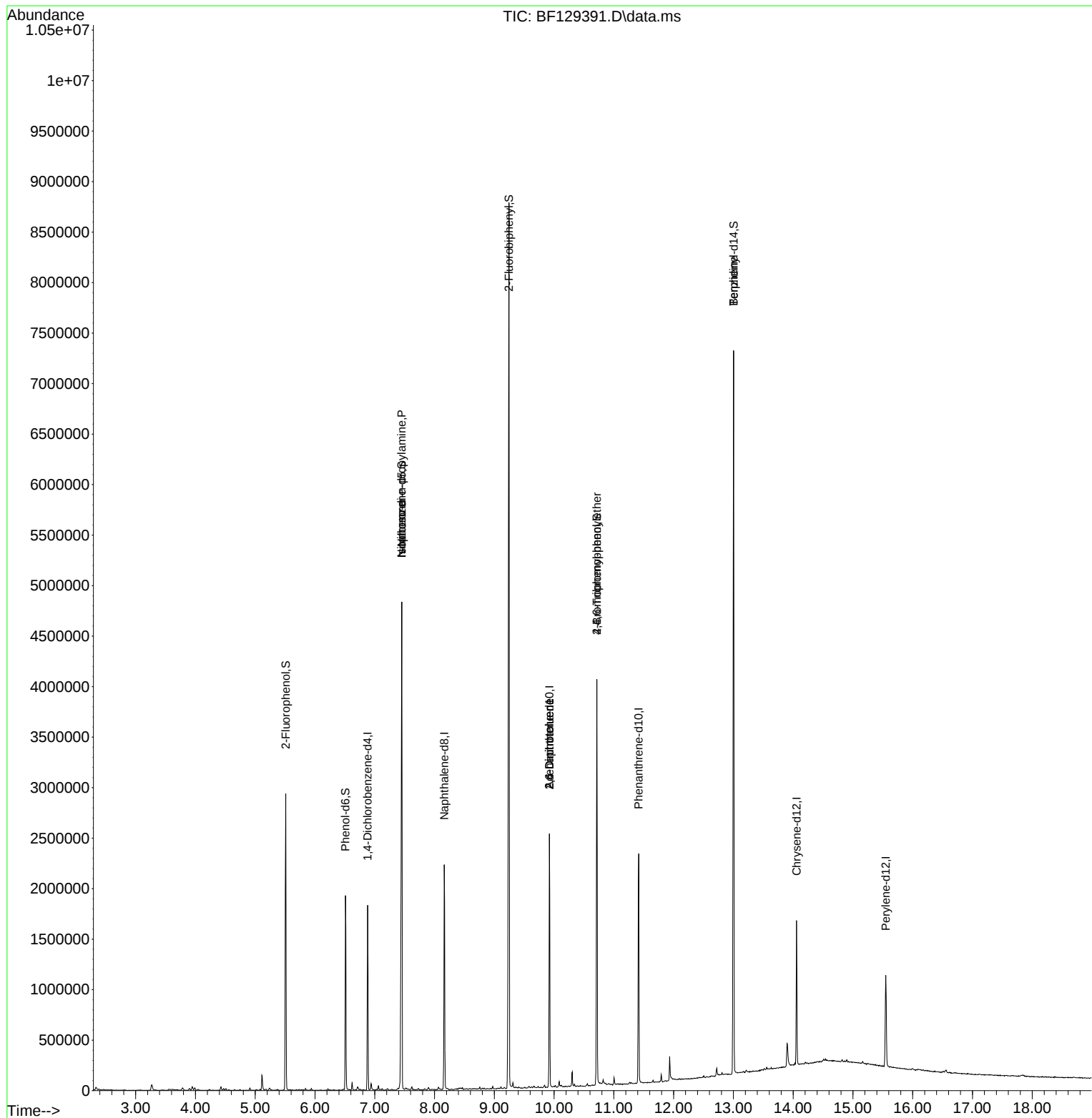
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	247357	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	985941	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	500947	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	784339	20.000	ng	0.00
76) Chrysene-d12	14.057	240	453440	20.000	ng	-0.01
86) Perylene-d12	15.551	264	405775	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	705762	46.479	ng	0.01
7) Phenol-d6	6.510	99	603649	31.628	ng	0.00
23) Nitrobenzene-d5	7.451	82	1768979	97.943	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	451691	93.785	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2823010	87.176	ng	0.00
79) Terphenyl-d14	13.004	244	2497121	103.895	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	237538	20.558	ng	Qvalue 74
25) Isophorone	7.451	82	1764066	54.489	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	65006	8.399	ng	# 26
57) 2,4-Dinitrotoluene	9.922	165	65006	6.429	ng	# 22
67) 4-Bromophenyl-phenylether	10.716	248	27876	3.246	ng	# 1
77) Benzidine	13.004	184	36432	2.274	ng	# 92

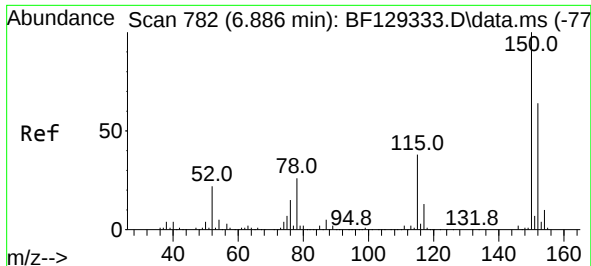
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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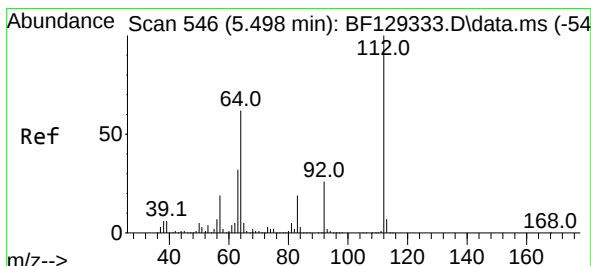
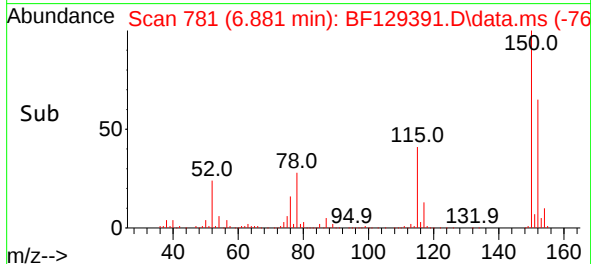
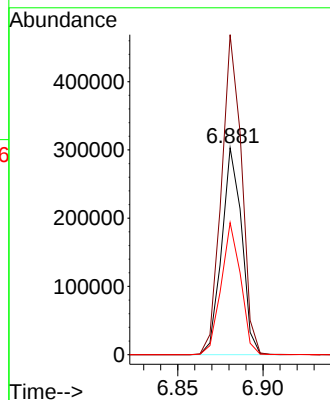
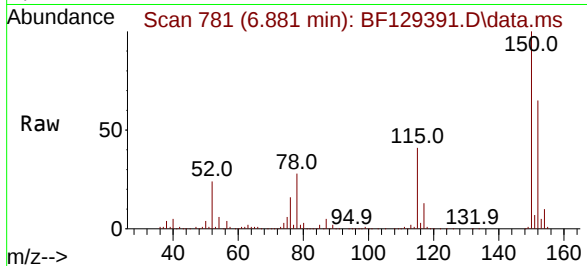




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF129391.D
Acq: 27 Jul 2022 23:16

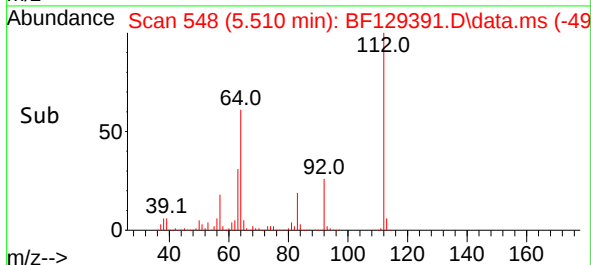
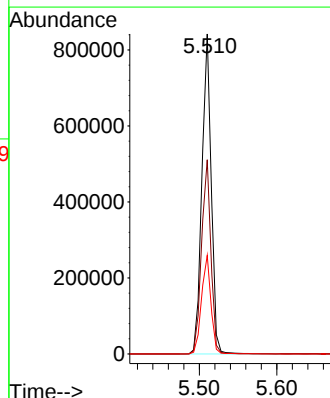
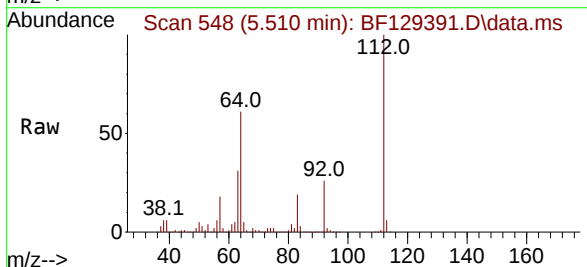
Instrument :
BNA_F
ClientSampleId :
DUP072522

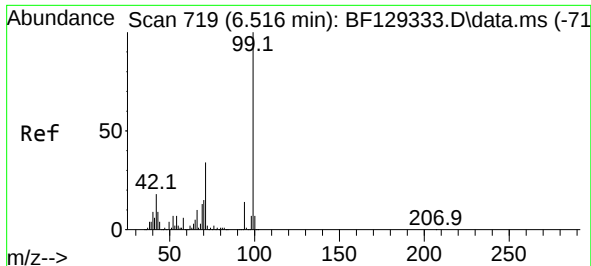
Tgt Ion:152 Resp: 247357
Ion Ratio Lower Upper
152 100
150 154.7 123.7 185.5
115 63.8 49.9 74.9



#5
2-Fluorophenol
Concen: 46.479 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.012 min
Lab File: BF129391.D
Acq: 27 Jul 2022 23:16

Tgt Ion:112 Resp: 705762
Ion Ratio Lower Upper
112 100
64 60.7 53.3 79.9
63 30.8 28.0 42.0

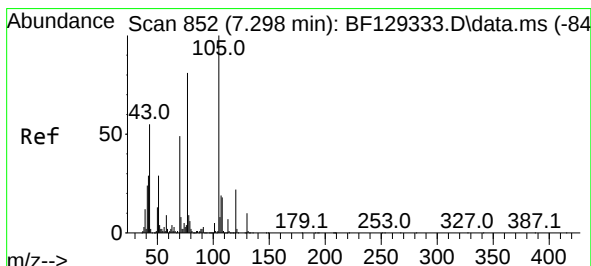
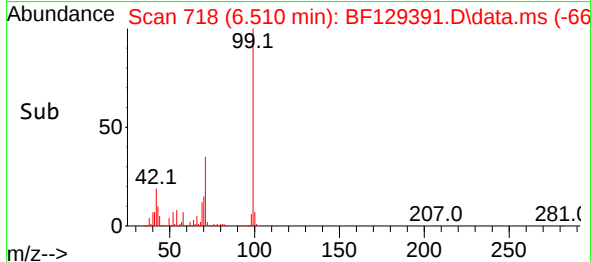
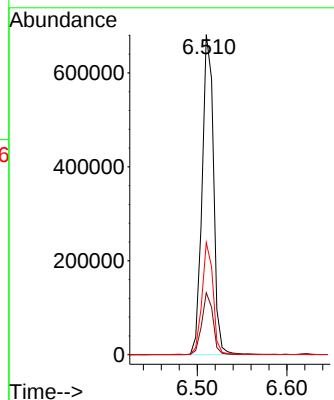
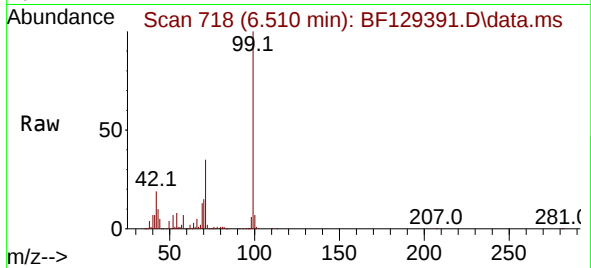




#7
Phenol-d6
Concen: 31.628 ng
RT: 6.510 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129391.D
Acq: 27 Jul 2022 23:16

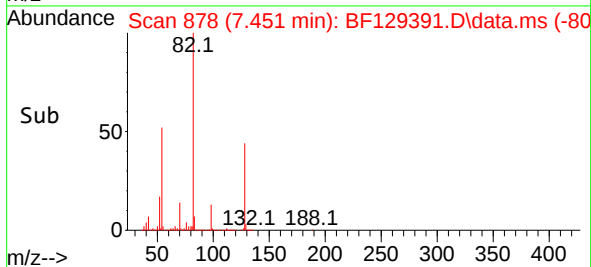
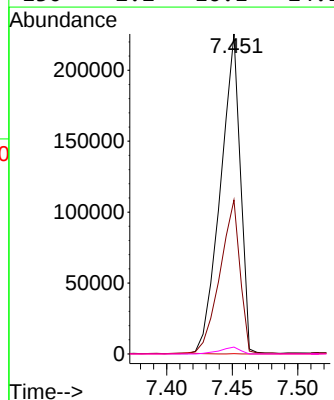
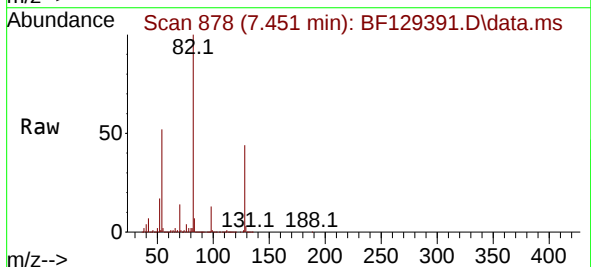
Instrument :
BNA_F
ClientSampleId :
DUP072522

Tgt Ion: 99 Resp: 603649
Ion Ratio Lower Upper
99 100
42 19.4 17.3 25.9
71 35.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 20.558 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.153 min
Lab File: BF129391.D
Acq: 27 Jul 2022 23:16

Tgt Ion: 70 Resp: 237538
Ion Ratio Lower Upper
70 100
42 48.1 52.3 78.5#
101 0.1 7.5 11.3#
130 2.2 16.1 24.1#



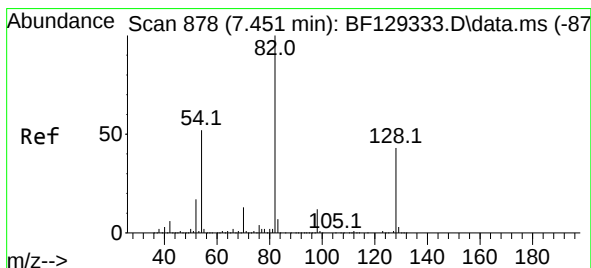
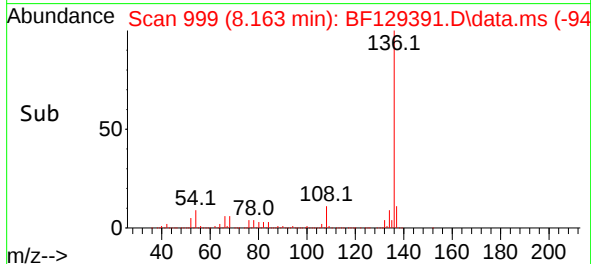
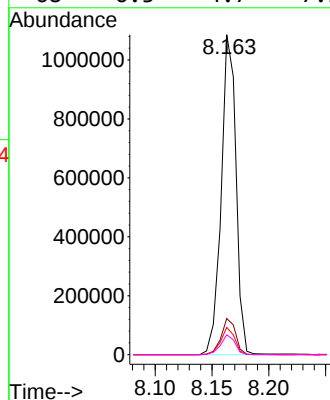
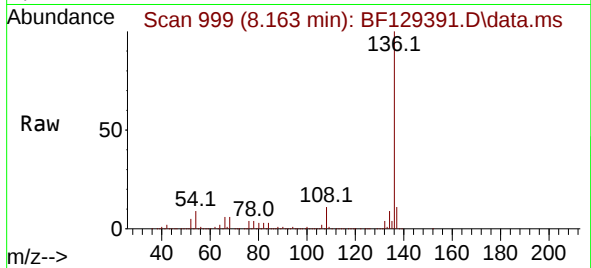


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129391.D
Acq: 27 Jul 2022 23:16

Instrument :
BNA_F
ClientSampleId :
DUP072522

Tgt Ion:136 Resp: 985941

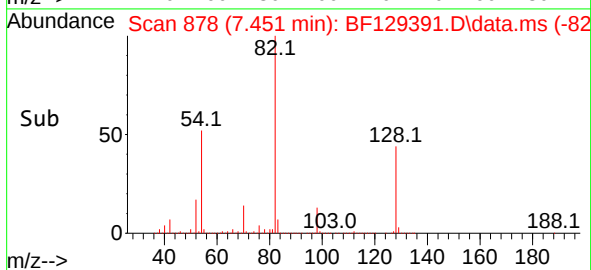
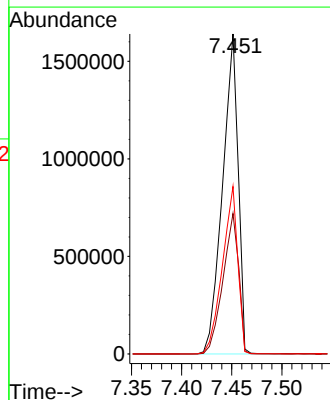
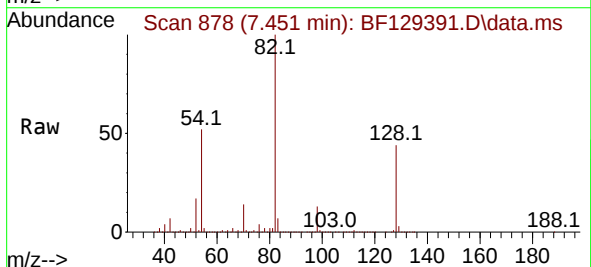
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.5	7.5	11.3
68	6.3	4.7	7.1

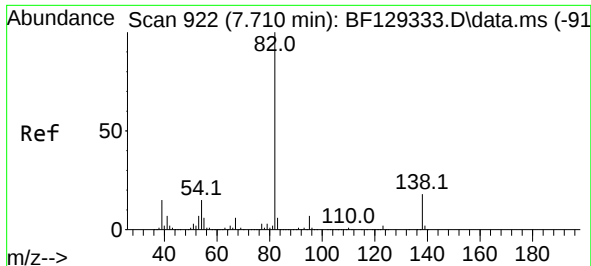


#23
Nitrobenzene-d5
Concen: 97.943 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF129391.D
Acq: 27 Jul 2022 23:16

Tgt Ion: 82 Resp: 1768979

Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.0	51.0
54	52.4	46.9	70.3

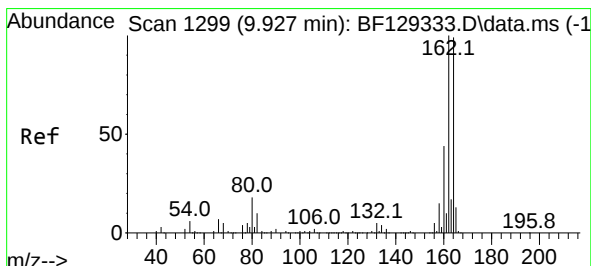
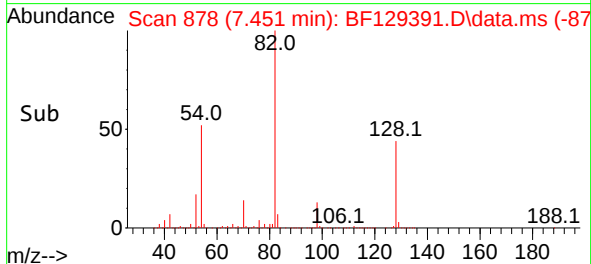
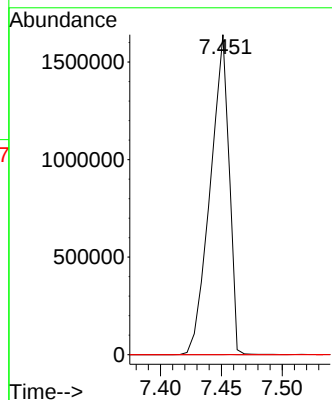
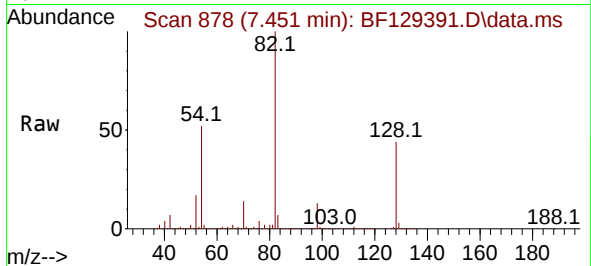




#25
Isophorone
Concen: 54.489 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129391.D
Acq: 27 Jul 2022 23:16

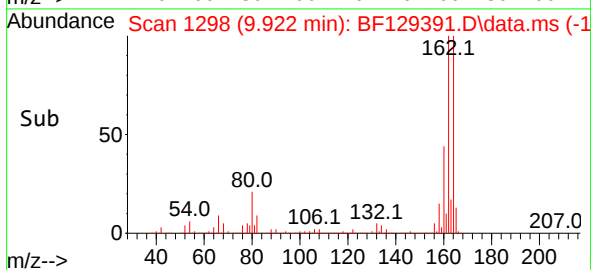
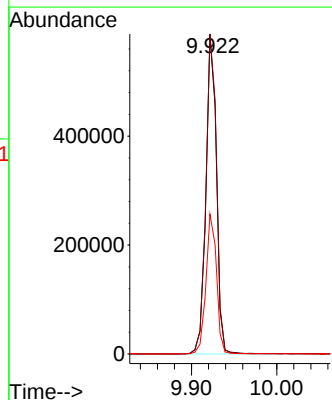
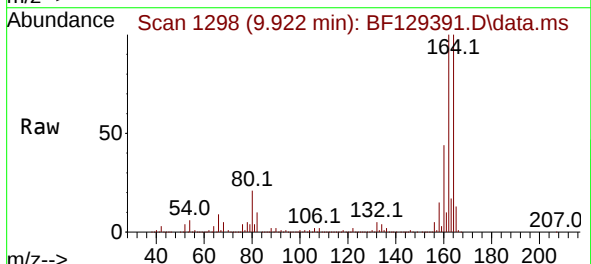
Instrument :
BNA_F
ClientSampleId :
DUP072522

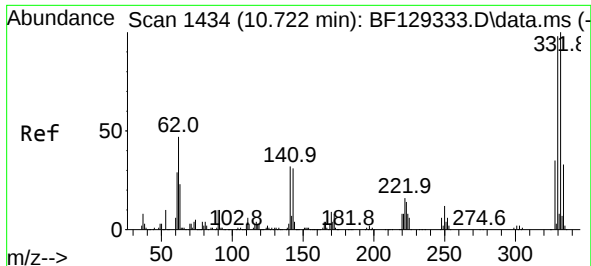
Tgt Ion: 82 Resp: 1764066
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129391.D
Acq: 27 Jul 2022 23:16

Tgt Ion:164 Resp: 500947
Ion Ratio Lower Upper
164 100
162 100.4 79.5 119.3
160 43.9 34.2 51.4

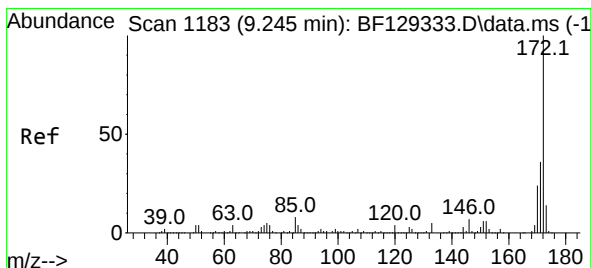
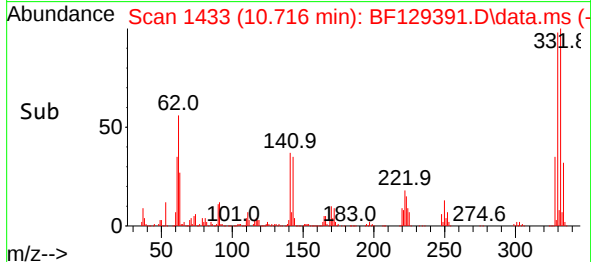
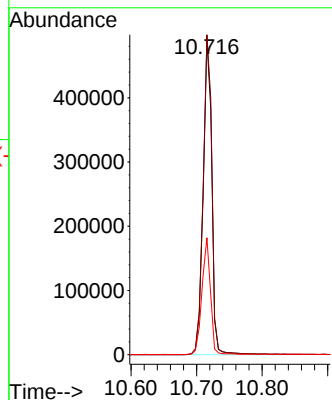
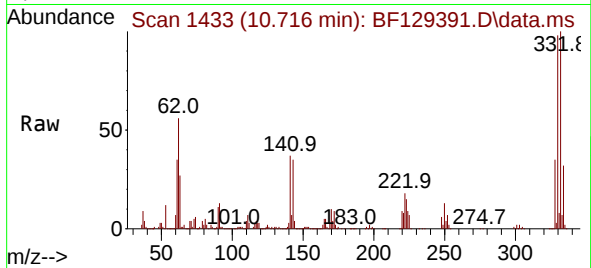




#42
2,4,6-Tribromophenol
Concen: 93.785 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF129391.D
Acq: 27 Jul 2022 23:16

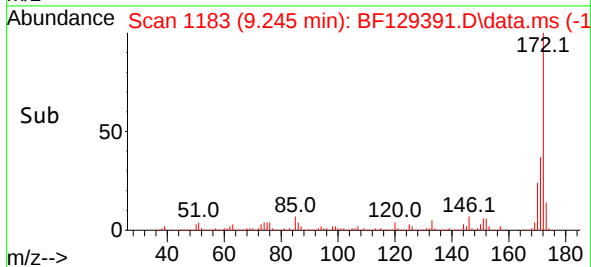
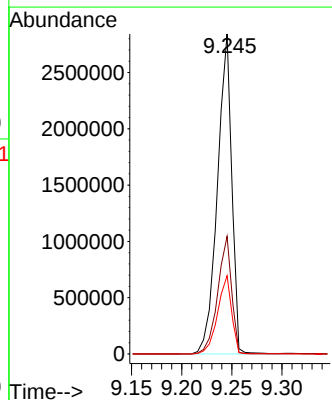
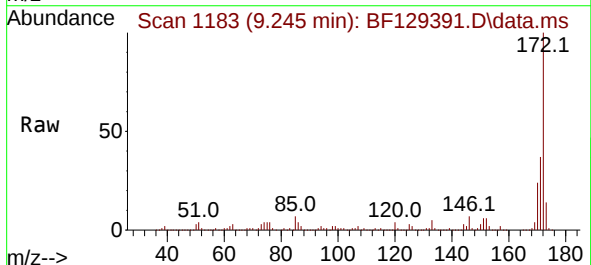
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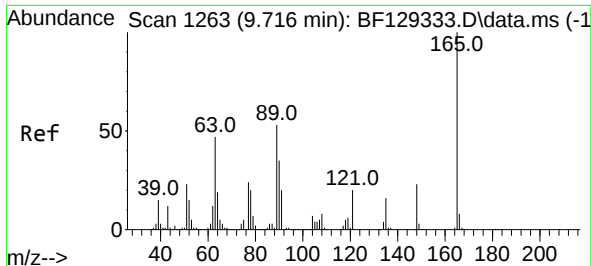
Tgt Ion:330 Resp: 451691
Ion Ratio Lower Upper
330 100
332 103.2 76.8 115.2
141 36.3 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 87.176 ng
RT: 9.245 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF129391.D
Acq: 27 Jul 2022 23:16

Tgt Ion:172 Resp: 2823010
Ion Ratio Lower Upper
172 100
171 36.8 28.8 43.2
170 24.5 19.8 29.8

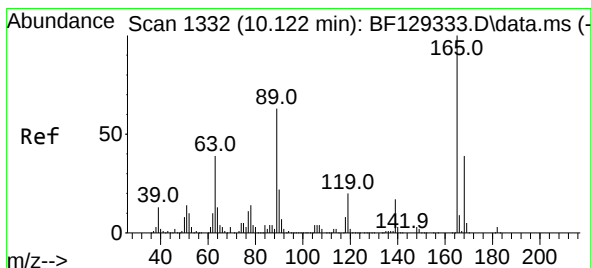
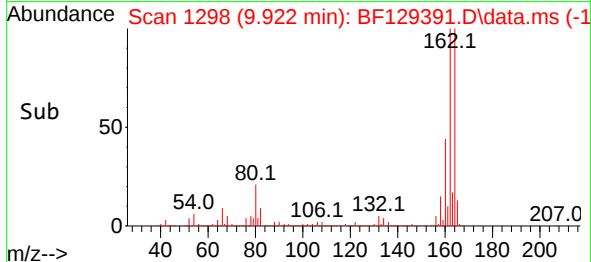
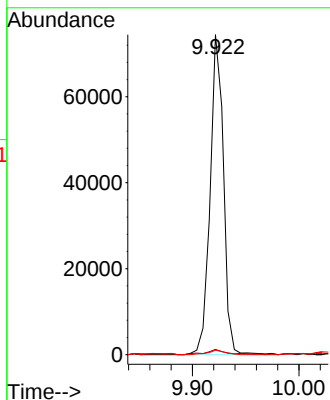
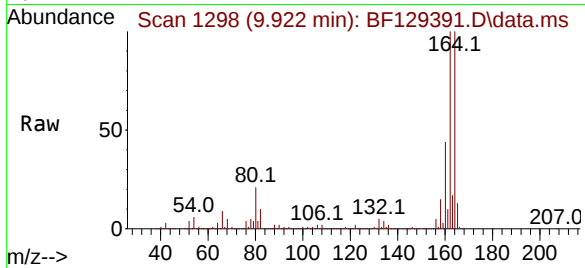




#51
2,6-Dinitrotoluene
Concen: 8.399 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.206 min
Lab File: BF129391.D
Acq: 27 Jul 2022 23:16

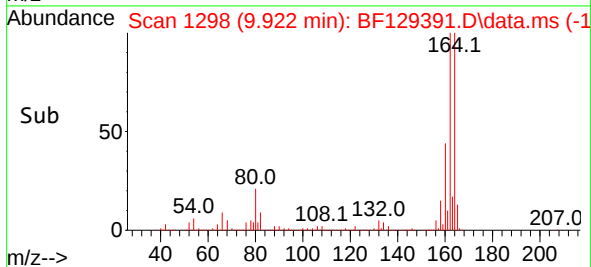
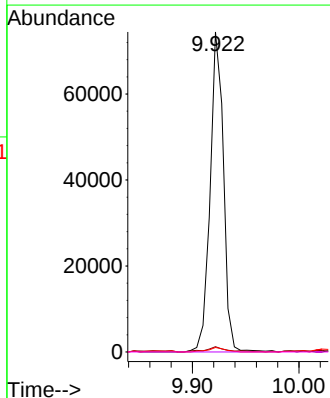
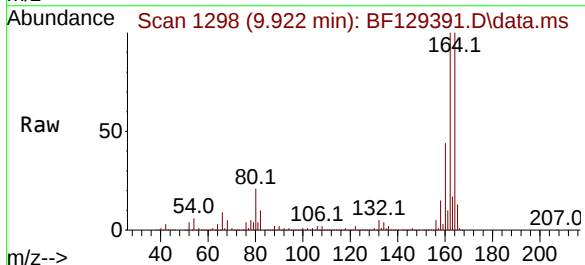
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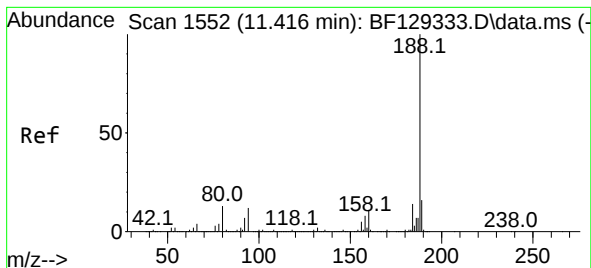
Tgt Ion:165 Resp: 65006
Ion Ratio Lower Upper
165 100
63 1.7 44.9 67.3#
89 1.4 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.429 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.200 min
Lab File: BF129391.D
Acq: 27 Jul 2022 23:16

Tgt Ion:165 Resp: 65006
Ion Ratio Lower Upper
165 100
63 1.7 39.8 59.6#
89 1.4 60.2 90.2#
182 0.0 2.2 3.2#

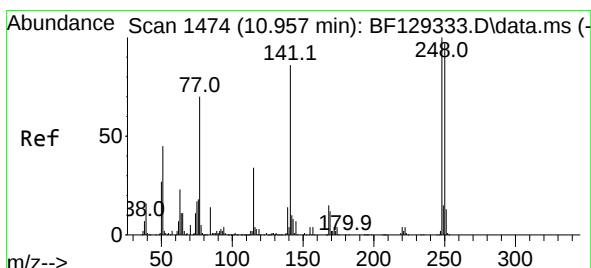
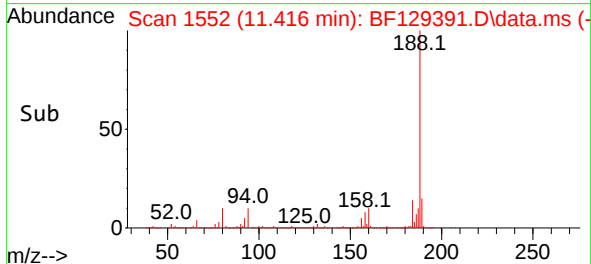
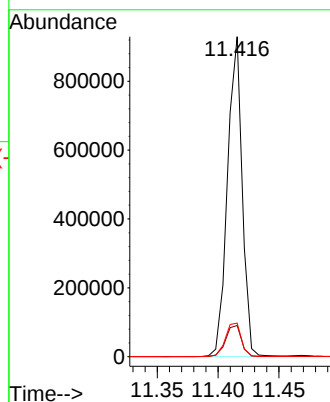
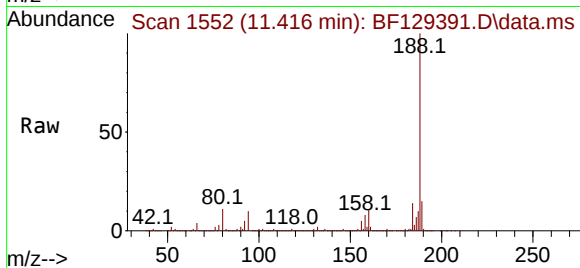




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129391.D
Acq: 27 Jul 2022 23:16

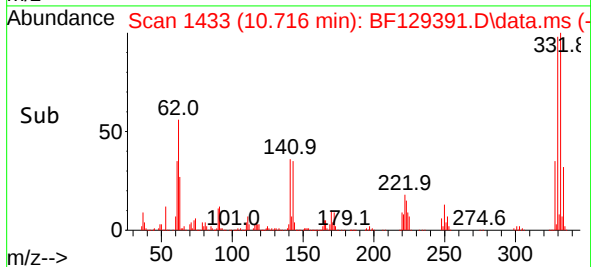
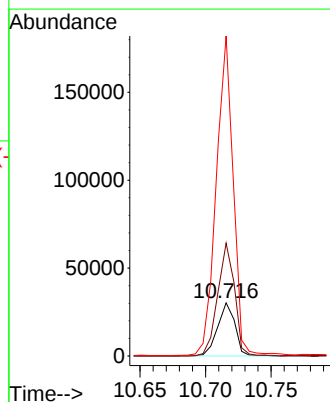
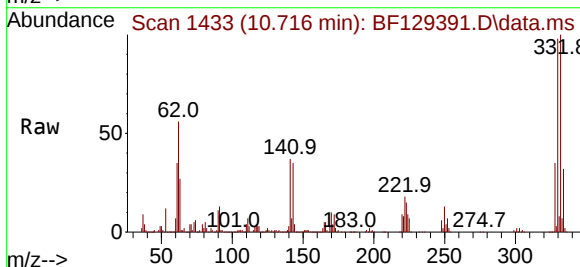
Instrument :
BNA_F
ClientSampleId :
DUP072522

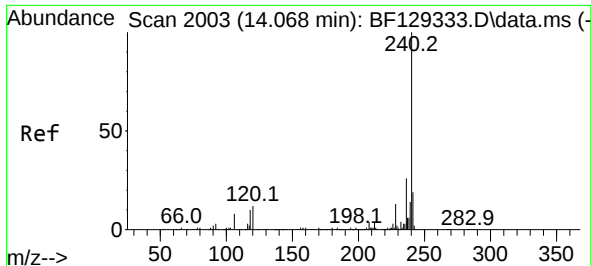
Tgt Ion:188 Resp: 784339
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 10.5 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.246 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF129391.D
Acq: 27 Jul 2022 23:16

Tgt Ion:248 Resp: 27876
Ion Ratio Lower Upper
248 100
250 212.7 80.6 120.8#
141 603.1 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2003

Delta R.T. -0.012 min

Lab File: BF129391.D

Acq: 27 Jul 2022 23:16

Instrument :

BNA_F

ClientSampleId :

DUP072522

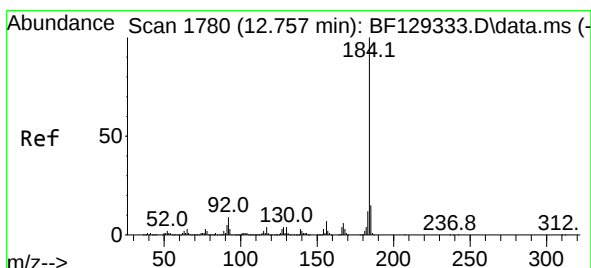
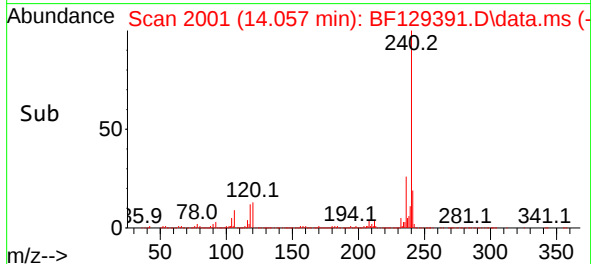
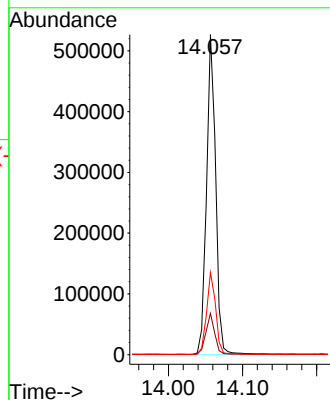
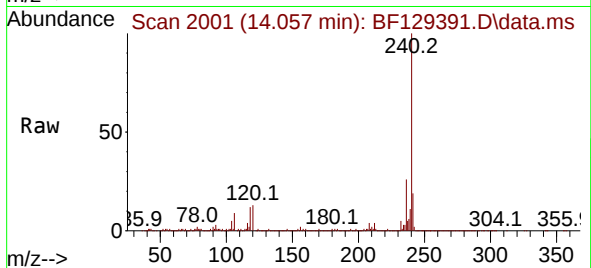
Tgt Ion:240 Resp: 453440

Ion Ratio Lower Upper

240 100

120 12.9 8.9 13.3

236 25.7 20.8 31.2



#77

Benzidine

Concen: 2.274 ng

RT: 13.004 min Scan# 1822

Delta R.T. 0.247 min

Lab File: BF129391.D

Acq: 27 Jul 2022 23:16

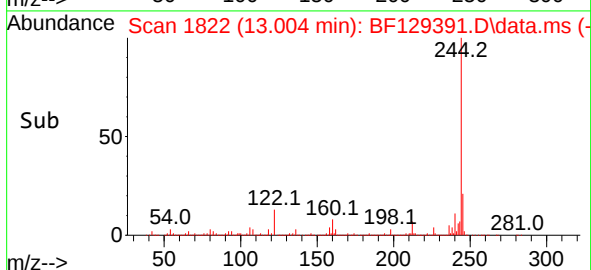
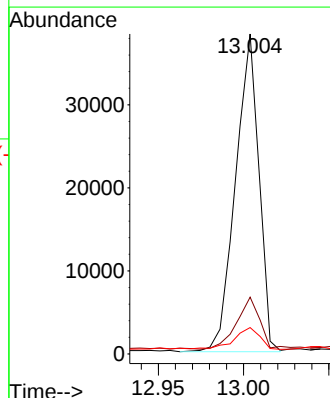
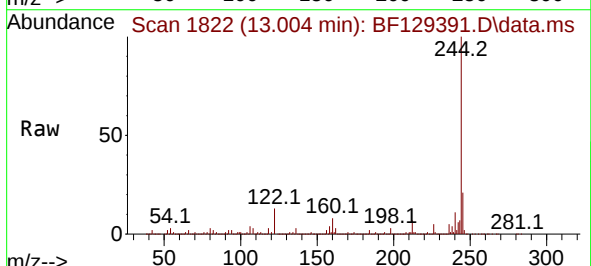
Tgt Ion:184 Resp: 36432

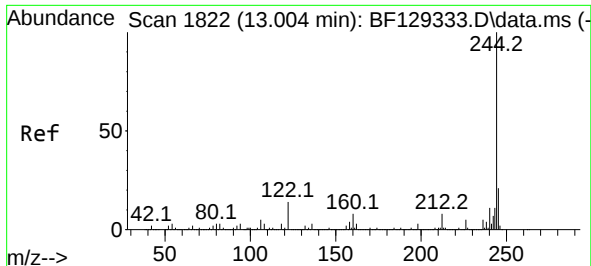
Ion Ratio Lower Upper

184 100

185 17.8 11.9 17.9

183 8.2 9.3 13.9#

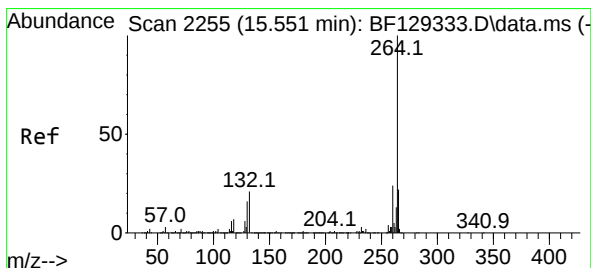
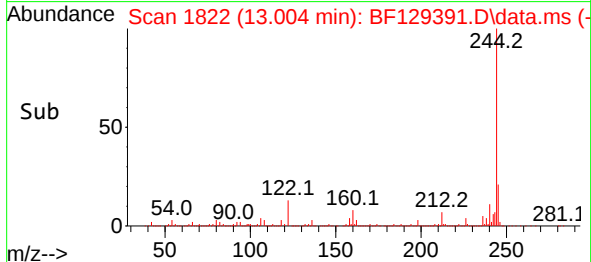
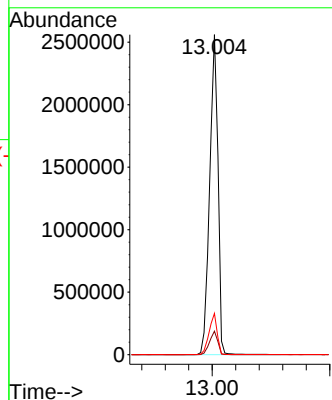
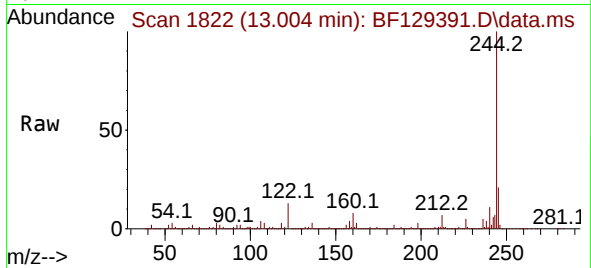




#79
 Terphenyl-d14
 Concen: 103.895 ng
 RT: 13.004 min Scan# 1822
 Delta R.T. 0.000 min
 Lab File: BF129391.D
 Acq: 27 Jul 2022 23:16

Instrument :
 BNA_F
 ClientSampleId :
 DUP072522

Tgt Ion:244 Resp: 2497121
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 12.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2255
 Delta R.T. 0.000 min
 Lab File: BF129391.D
 Acq: 27 Jul 2022 23:16

Tgt Ion:264 Resp: 405775
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.4 27.6
 265 21.8 17.2 25.8

