

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
 Data File : BF129375.D
 Acq On : 27 Jul 2022 14:13
 Operator : CG\JU
 Sample : N3861-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-18R

Quant Time: Jul 28 01:30:40 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)

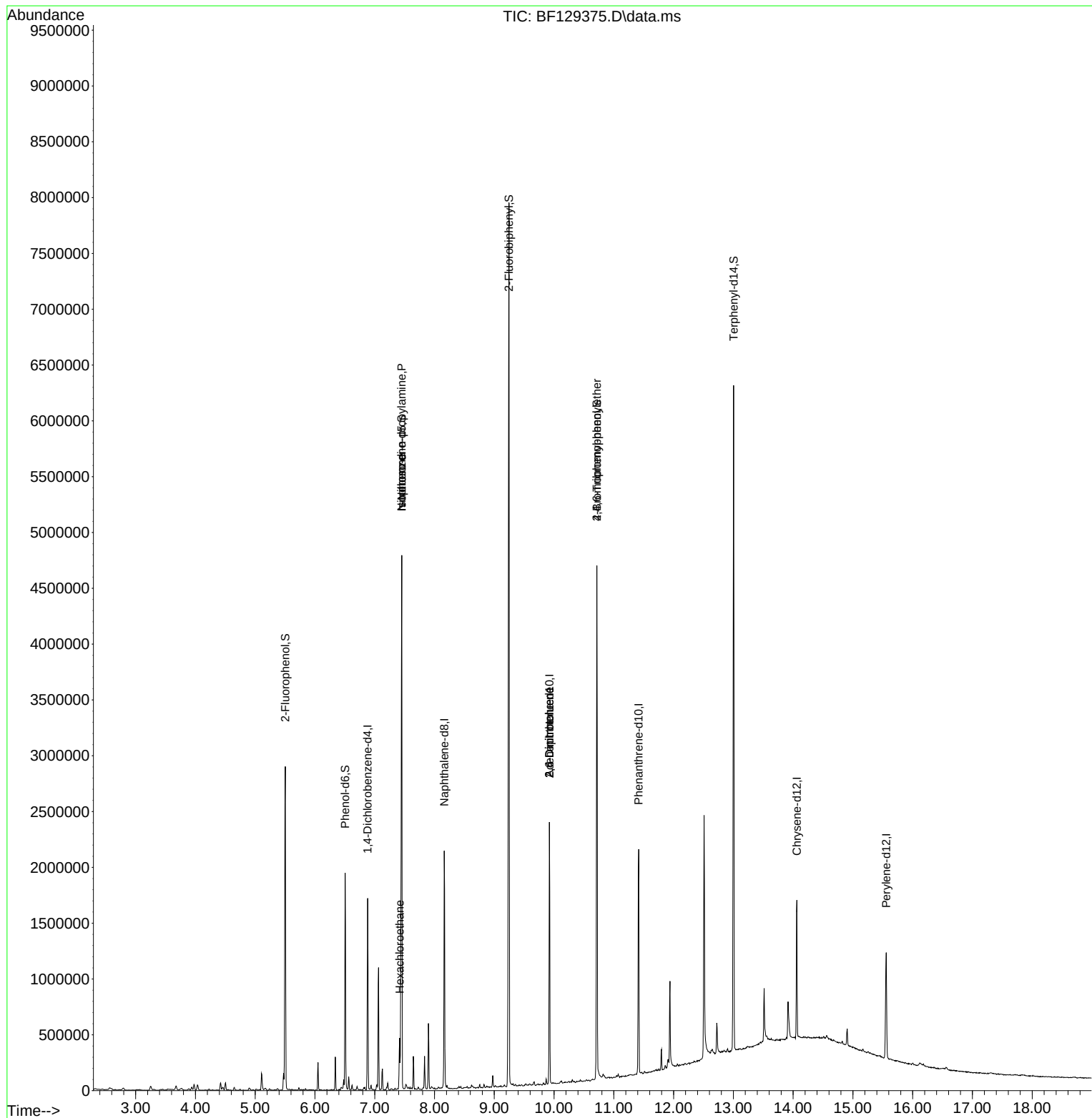
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	233560	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	916621	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	467204	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	717004	20.000	ng	0.00
76) Chrysene-d12	14.063	240	427464	20.000	ng	0.00
86) Perylene-d12	15.557	264	418662	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	783009	54.612	ng	0.00
7) Phenol-d6	6.504	99	609110	33.799	ng	-0.01
23) Nitrobenzene-d5	7.451	82	1507234	89.762	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	554639	123.478	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2520981	83.472	ng	0.00
79) Terphenyl-d14	13.004	244	2108414	93.053	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.416	117	33343	5.183	ng	# 1
19) n-Nitroso-di-n-propyla...	7.451	70	201004	18.424	ng	# 74
25) Isophorone	7.451	82	1503266	49.945	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	59651	8.263	ng	# 26
57) 2,4-Dinitrotoluene	9.922	165	59651	6.326	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	35032	4.462	ng	# 1

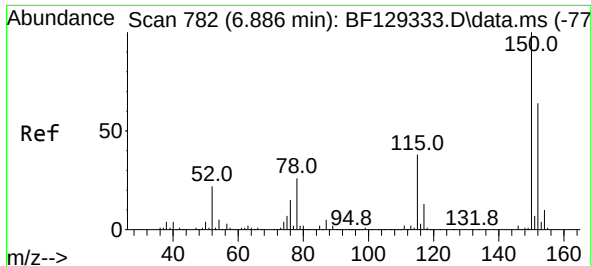
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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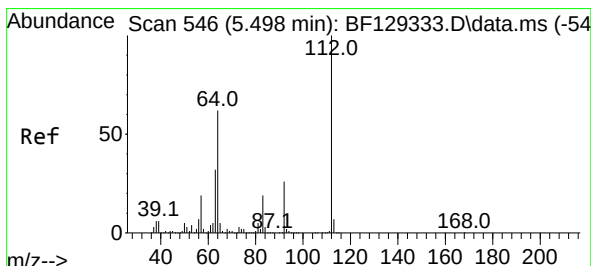
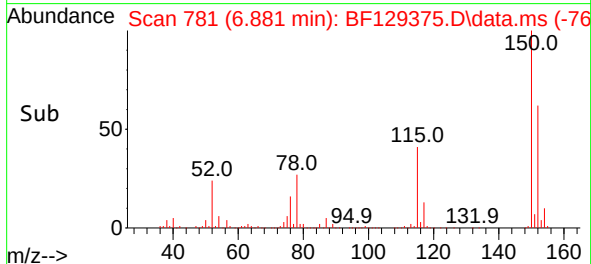
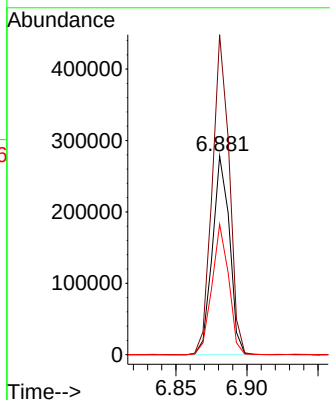
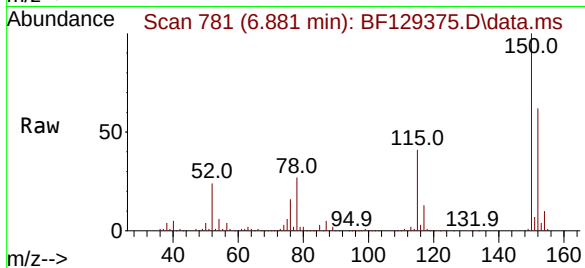




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129375.D
 Acq: 27 Jul 2022 14:13

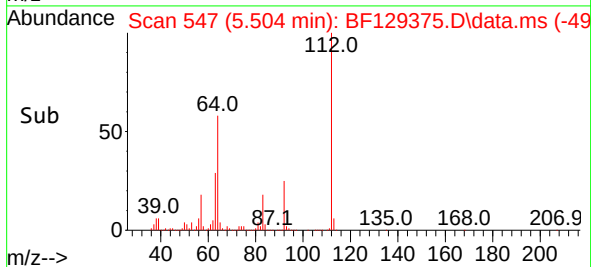
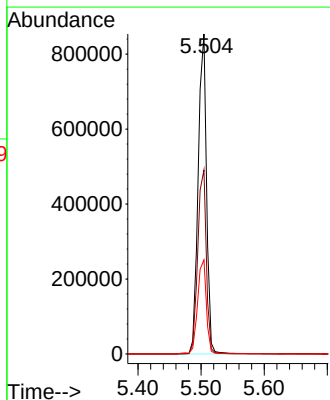
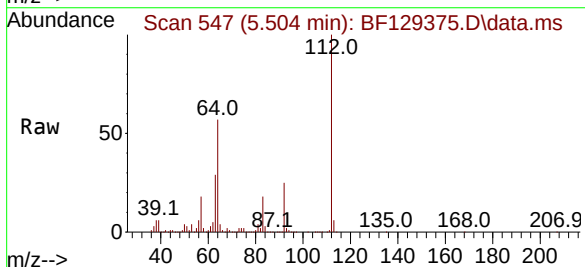
Instrument :
 BNA_F
 ClientSampleId :
 MW-18R

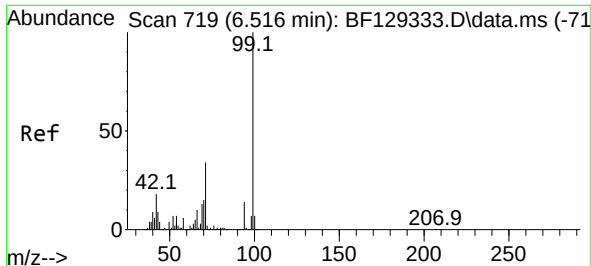
Tgt Ion:152 Resp: 233560
 Ion Ratio Lower Upper
 152 100
 150 161.0 123.7 185.5
 115 65.6 49.9 74.9



#5
 2-Fluorophenol
 Concen: 54.612 ng
 RT: 5.504 min Scan# 547
 Delta R.T. 0.006 min
 Lab File: BF129375.D
 Acq: 27 Jul 2022 14:13

Tgt Ion:112 Resp: 783009
 Ion Ratio Lower Upper
 112 100
 64 57.5 53.3 79.9
 63 29.4 28.0 42.0





#7
Phenol-d6
Concen: 33.799 ng
RT: 6.504 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129375.D
Acq: 27 Jul 2022 14:13

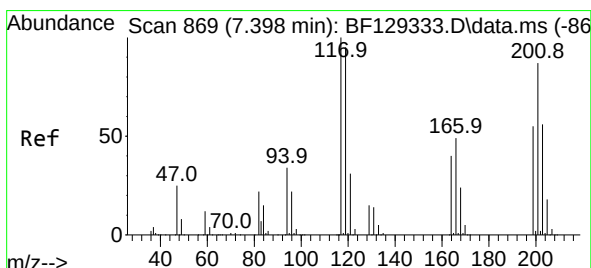
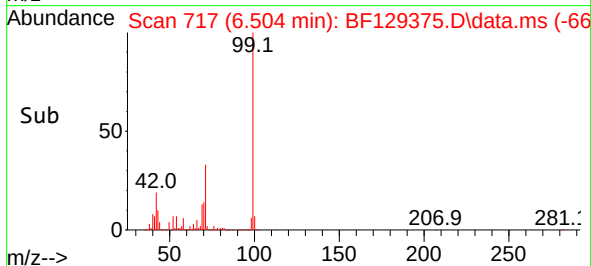
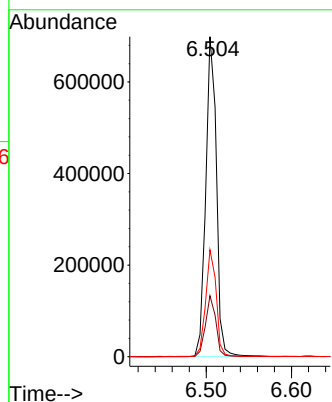
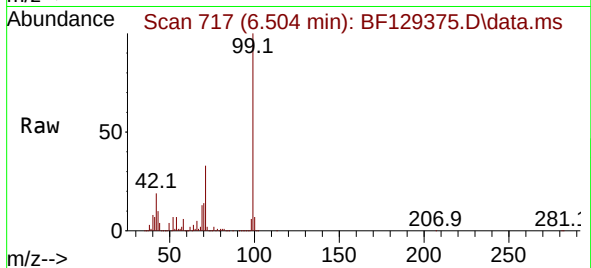
Instrument :

BNA_F

ClientSampleId :

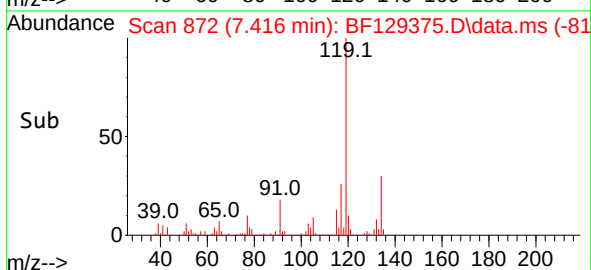
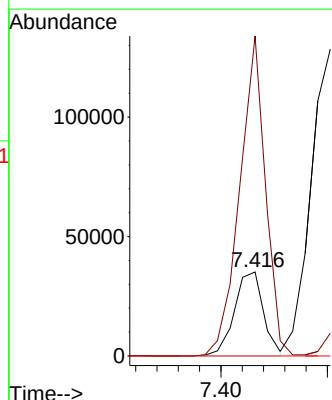
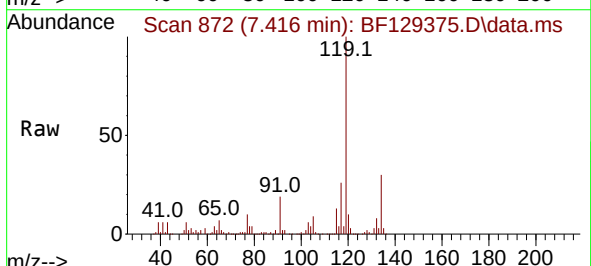
MW-18R

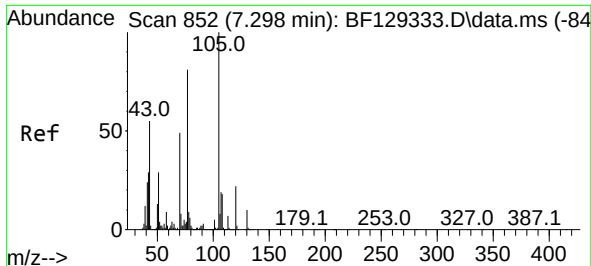
Tgt Ion: 99 Resp: 609110
Ion Ratio Lower Upper
99 100
42 19.1 17.3 25.9
71 33.4 28.9 43.3



#18
Hexachloroethane
Concen: 5.183 ng
RT: 7.416 min Scan# 872
Delta R.T. 0.018 min
Lab File: BF129375.D
Acq: 27 Jul 2022 14:13

Tgt Ion: 117 Resp: 33343
Ion Ratio Lower Upper
117 100
119 380.9 77.4 116.2#
201 0.0 84.6 127.0#

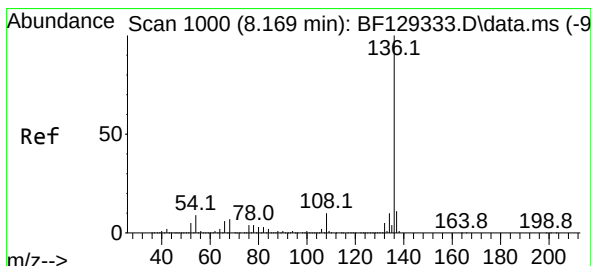
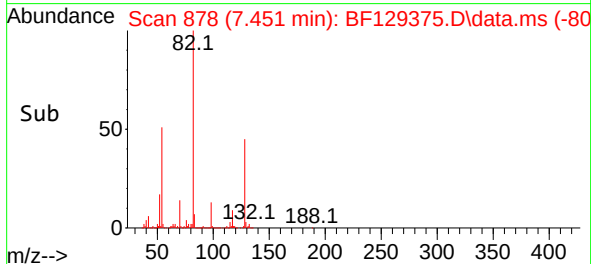
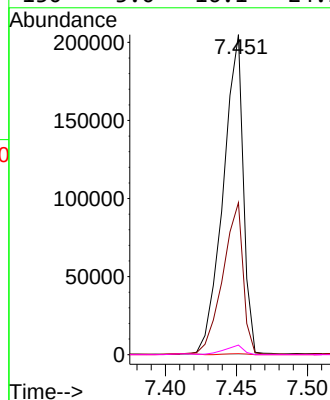
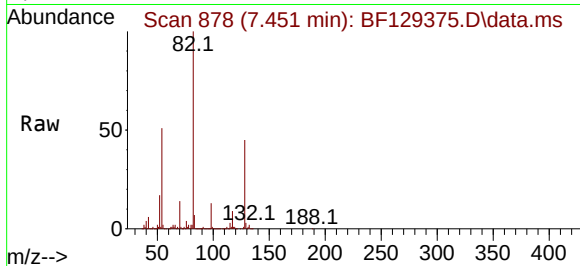




#19
n-Nitroso-di-n-propylamine
Concen: 18.424 ng
RT: 7.451 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF129375.D
Acq: 27 Jul 2022 14:13

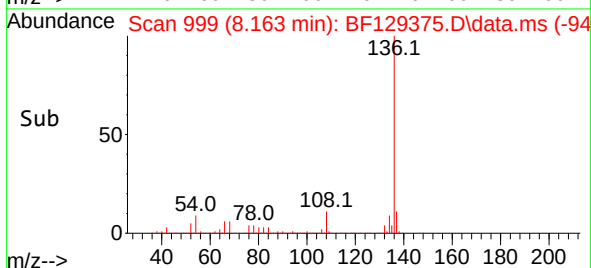
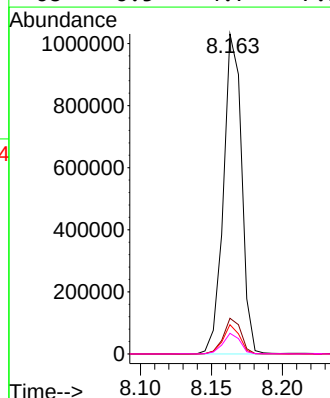
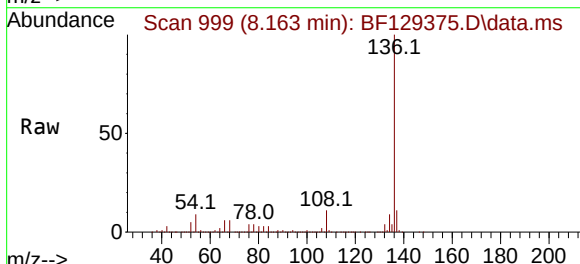
Instrument :
BNA_F
ClientSampleId :
MW-18R

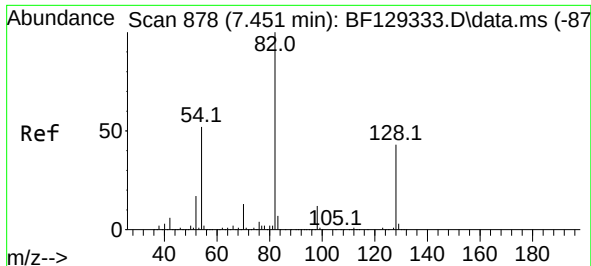
Tgt Ion: 70 Resp: 201004
Ion Ratio Lower Upper
70 100
42 47.5 52.3 78.5#
101 0.3 7.5 11.3#
130 3.0 16.1 24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF129375.D
Acq: 27 Jul 2022 14:13

Tgt Ion:136 Resp: 916621
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 9.2 7.5 11.3
68 6.5 4.7 7.1





#23

Nitrobenzene-d5

Concen: 89.762 ng

RT: 7.451 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF129375.D

Acq: 27 Jul 2022 14:13

Instrument :

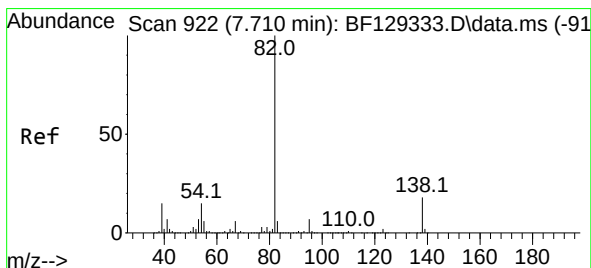
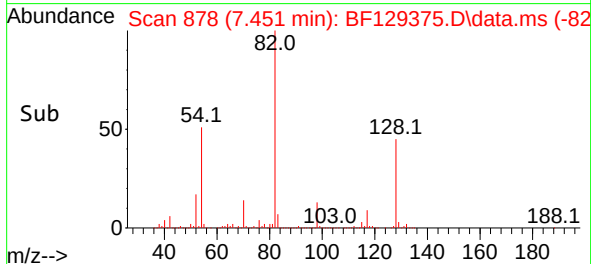
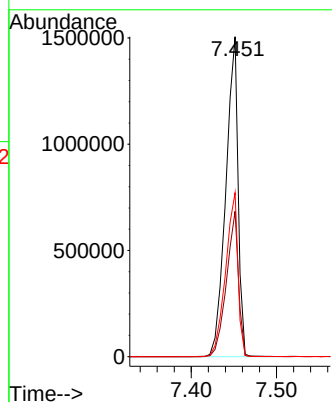
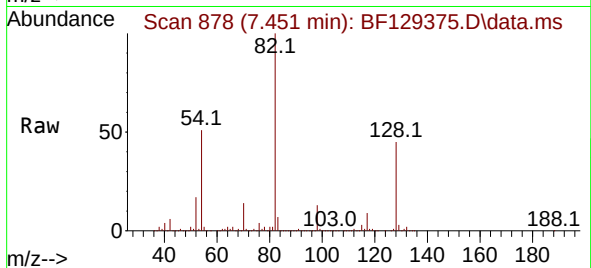
BNA_F

ClientSampleId :

MW-18R

Tgt Ion: 82 Resp: 1507234

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.0	51.0
54	51.2	46.9	70.3



#25

Isophorone

Concen: 49.945 ng

RT: 7.451 min Scan# 878

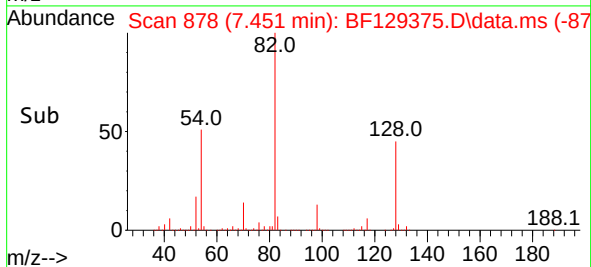
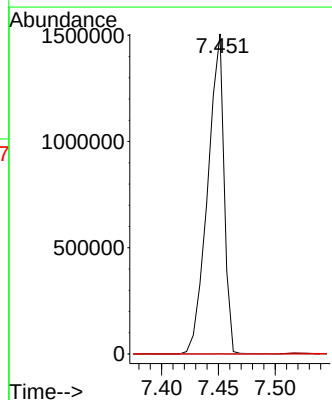
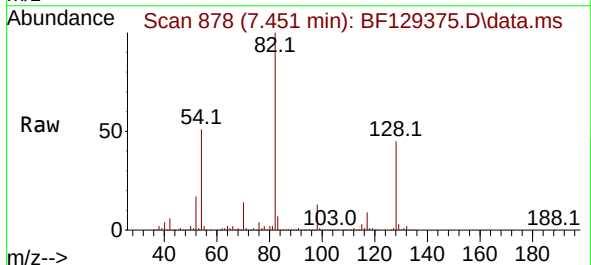
Delta R.T. -0.259 min

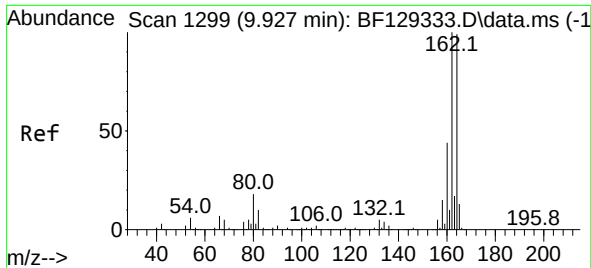
Lab File: BF129375.D

Acq: 27 Jul 2022 14:13

Tgt Ion: 82 Resp: 1503266

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	14.2	21.2#

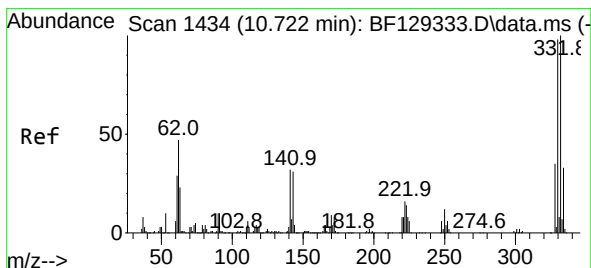
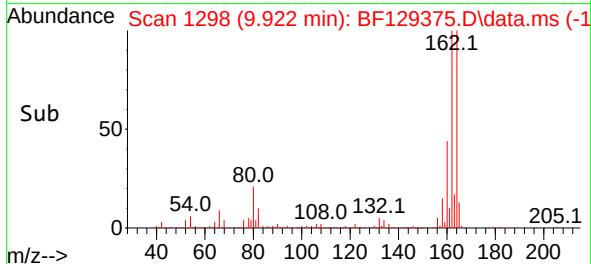
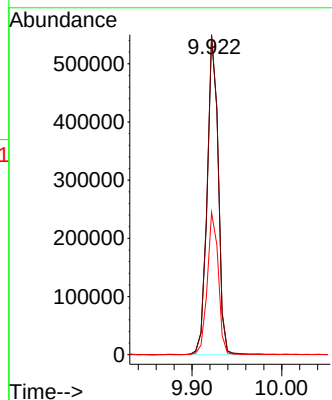
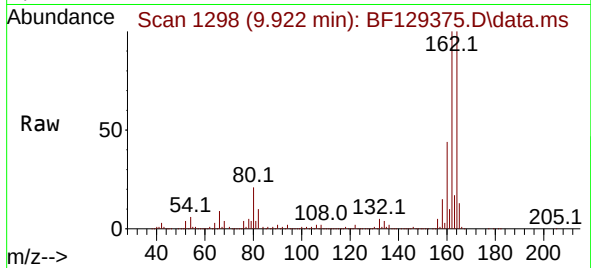




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF129375.D
Acq: 27 Jul 2022 14:13

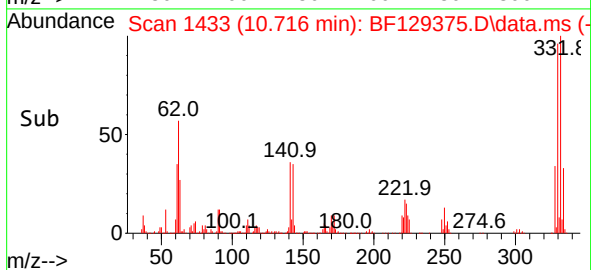
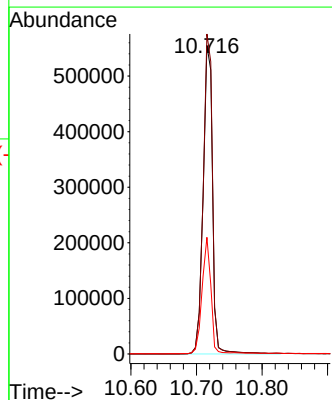
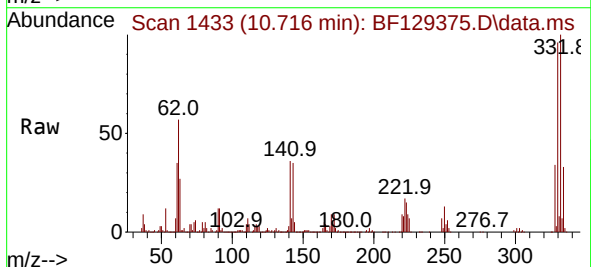
Instrument :
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ClientSampleId :
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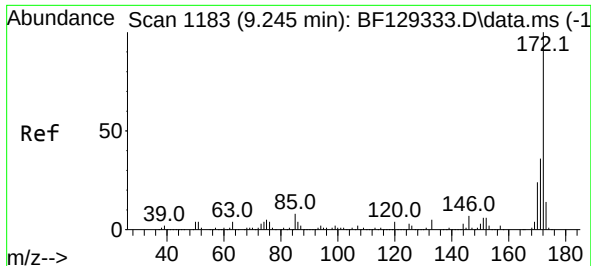
Tgt Ion:164 Resp: 467204
Ion Ratio Lower Upper
164 100
162 100.4 79.5 119.3
160 44.6 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 123.478 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF129375.D
Acq: 27 Jul 2022 14:13

Tgt Ion:330 Resp: 554639
Ion Ratio Lower Upper
330 100
332 102.4 76.8 115.2
141 36.2 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 83.472 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129375.D

Acq: 27 Jul 2022 14:13

Instrument :

BNA_F

ClientSampleId :

MW-18R

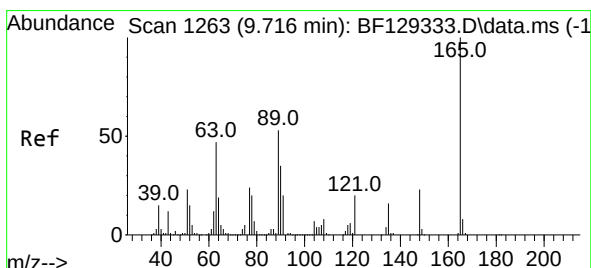
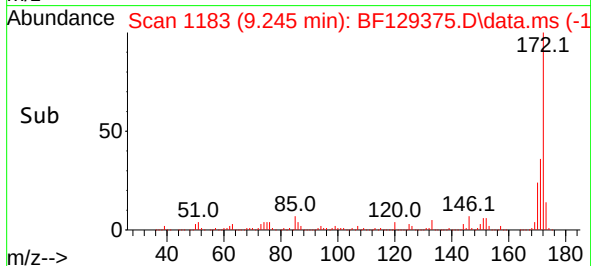
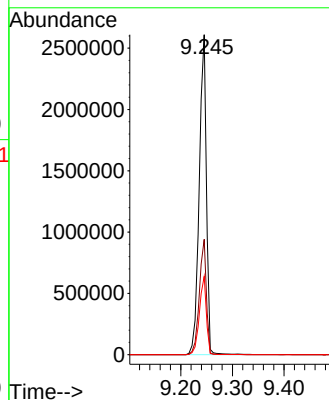
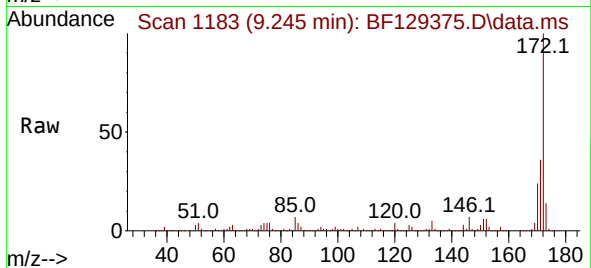
Tgt Ion:172 Resp: 2520981

Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.4 19.8 29.8



#51

2,6-Dinitrotoluene

Concen: 8.263 ng

RT: 9.922 min Scan# 1298

Delta R.T. 0.206 min

Lab File: BF129375.D

Acq: 27 Jul 2022 14:13

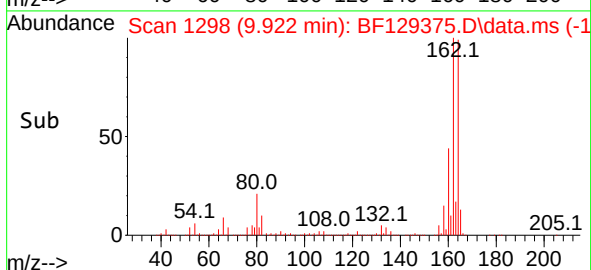
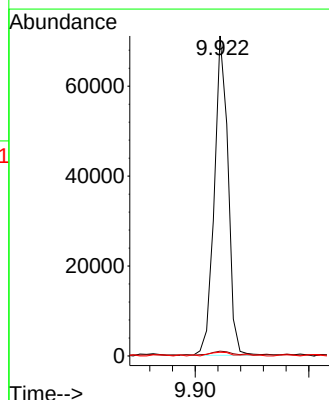
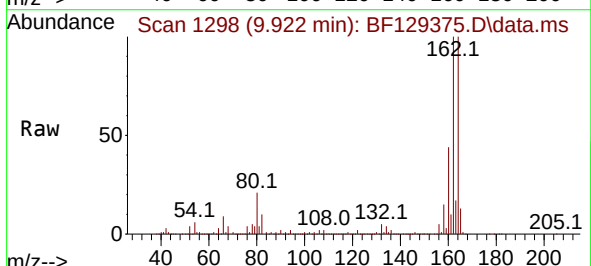
Tgt Ion:165 Resp: 59651

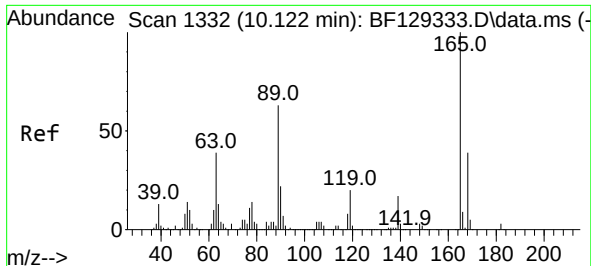
Ion Ratio Lower Upper

165 100

63 1.5 44.9 67.3#

89 1.1 43.6 65.4#

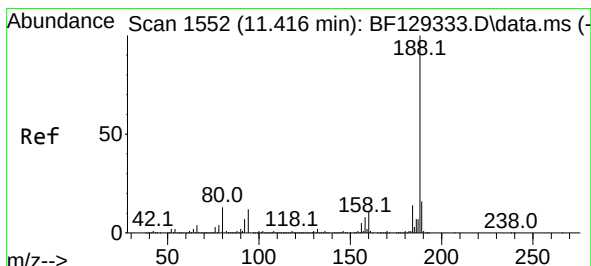
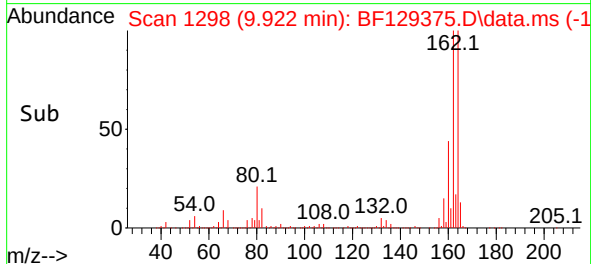
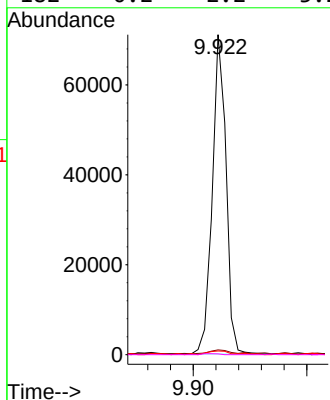
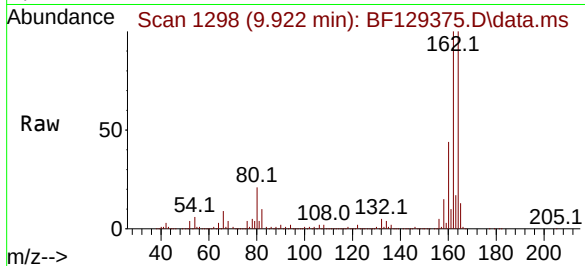




#57
2,4-Dinitrotoluene
Concen: 6.326 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.200 min
Lab File: BF129375.D
Acq: 27 Jul 2022 14:13

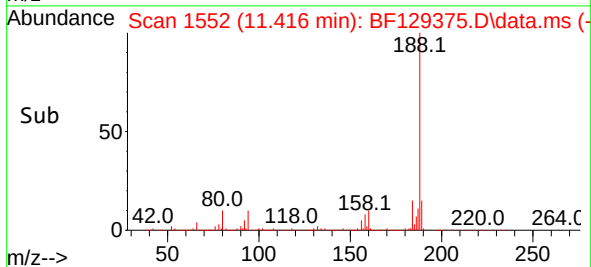
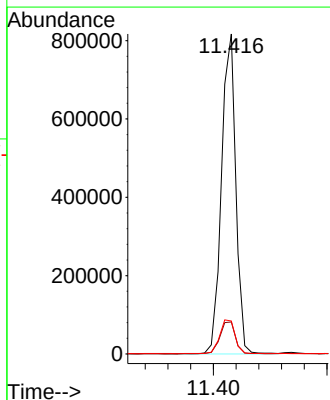
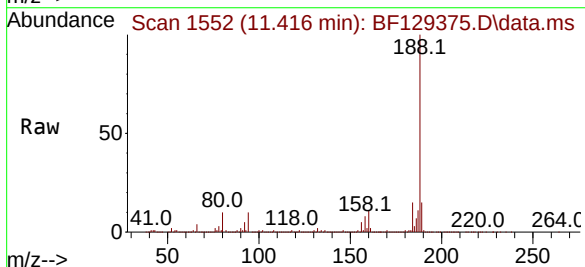
Instrument :
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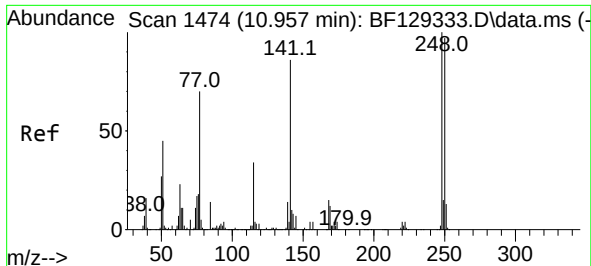
Tgt Ion:165 Resp: 59651
Ion Ratio Lower Upper
165 100
63 1.5 39.8 59.6#
89 1.1 60.2 90.2#
182 0.2 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1552
Delta R.T. 0.000 min
Lab File: BF129375.D
Acq: 27 Jul 2022 14:13

Tgt Ion:188 Resp: 717004
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.6
80 10.3 7.6 11.4

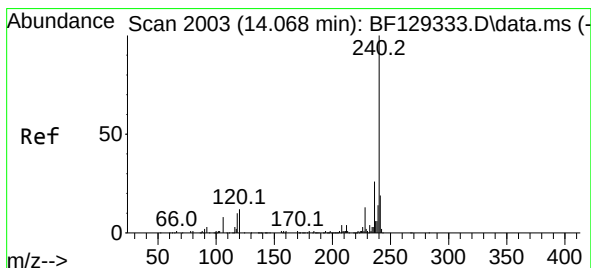
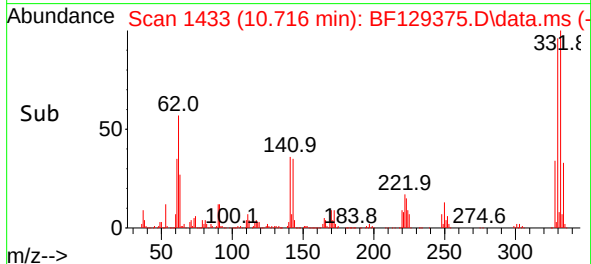
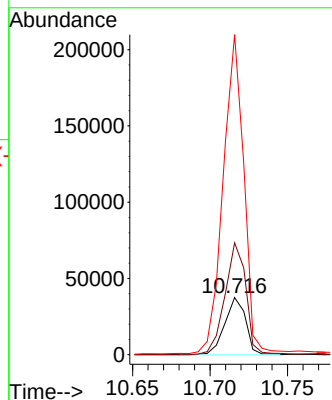
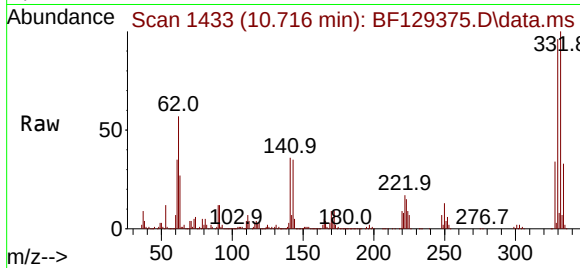




#67
4-Bromophenyl-phenylether
Concen: 4.462 ng
RT: 10.716 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF129375.D
Acq: 27 Jul 2022 14:13

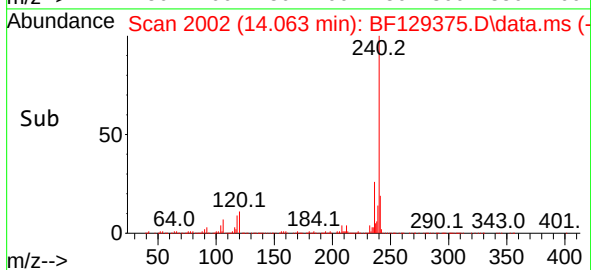
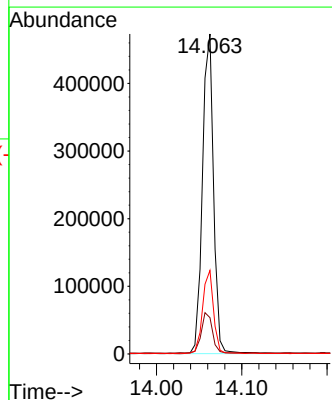
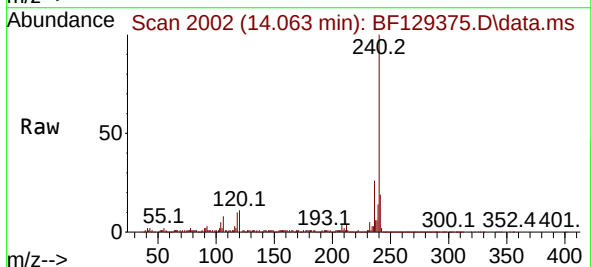
Instrument :
BNA_F
ClientSampleId :
MW-18R

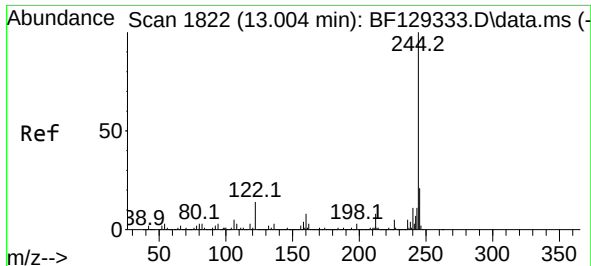
Tgt Ion:248 Resp: 35032
Ion Ratio Lower Upper
248 100
250 195.7 80.6 120.8#
141 559.7 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF129375.D
Acq: 27 Jul 2022 14:13

Tgt Ion:240 Resp: 427464
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 26.1 20.8 31.2

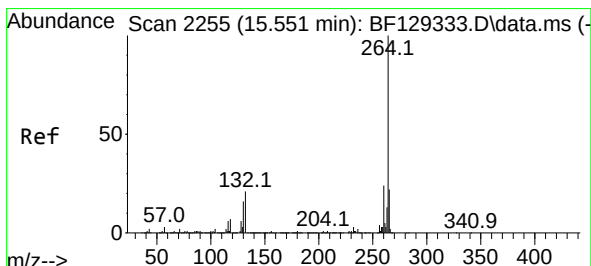
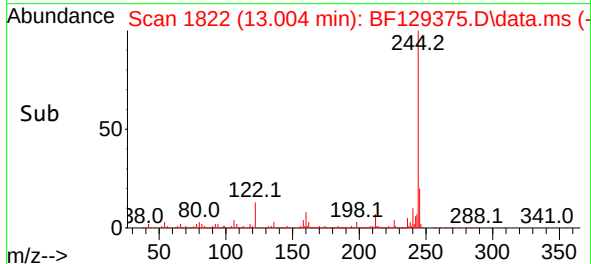
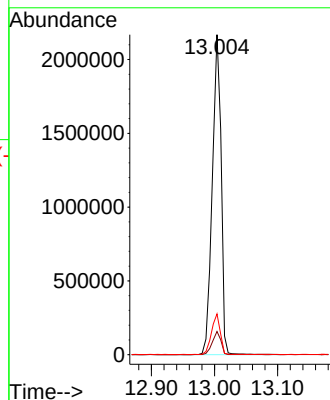
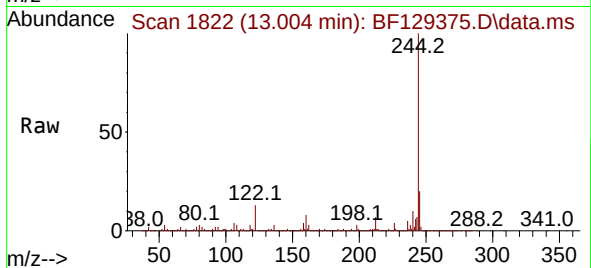




#79
 Terphenyl-d14
 Concen: 93.053 ng
 RT: 13.004 min Scan# 1822
 Delta R.T. 0.000 min
 Lab File: BF129375.D
 Acq: 27 Jul 2022 14:13

Instrument :
 BNA_F
 ClientSampleId :
 MW-18R

Tgt Ion:244 Resp: 2108414
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 12.8 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2256
 Delta R.T. 0.006 min
 Lab File: BF129375.D
 Acq: 27 Jul 2022 14:13

Tgt Ion:264 Resp: 418662
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.4 27.6
 265 21.5 17.2 25.8

