

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
 Data File : BF129396.D
 Acq On : 28 Jul 2022 01:59
 Operator : CG\JU
 Sample : N3887-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 REP072522

Quant Time: Jul 28 03:01:53 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)

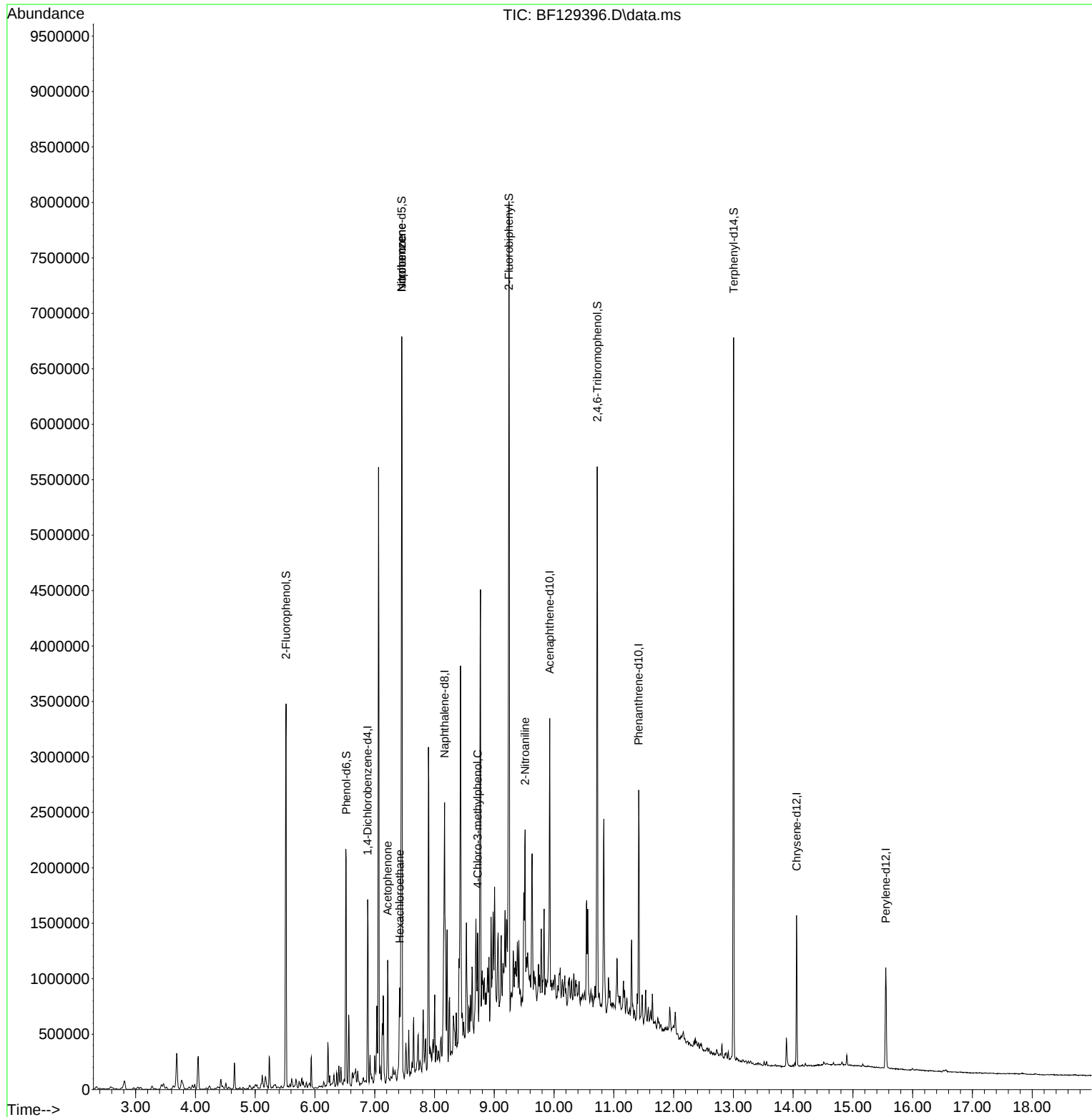
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	232660	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	878940	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	456004	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	719093	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	450202	20.000	ng	-0.01
86) Perylene-d12	15.551	264	408380	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	945012	66.166	ng	0.02
7) Phenol-d6	6.522	99	735729	40.983	ng	0.00
23) Nitrobenzene-d5	7.451	82	1441395	89.521	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	611714	139.529	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2464288	83.599	ng	0.00
79) Terphenyl-d14	13.004	244	2231536	93.513	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.416	117	96380	15.039	ng	# 13
22) Acetophenone	7.216	105	166253	8.124	ng	# 70
24) Nitrobenzene	7.451	77	71594	4.318	ng	# 2
25) Isophorone	7.451	82	1430133	49.552	ng	# 66
36) 4-Chloro-3-methylphenol	8.722	107	60580	4.510	ng	# 24
48) 2-Nitroaniline	9.516	65	40444	4.521	ng	# 31

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

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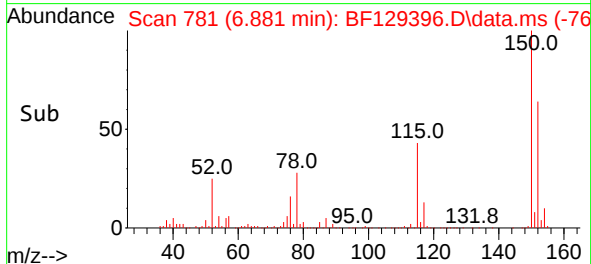
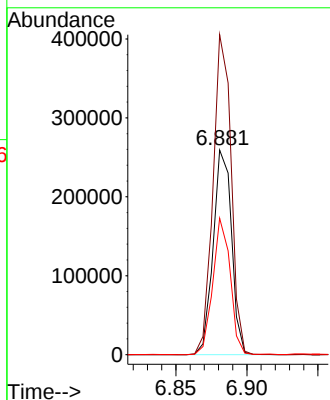
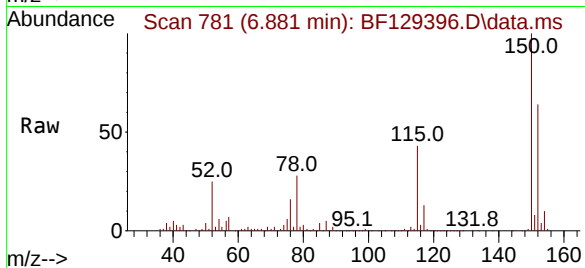




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129396.D
 Acq: 28 Jul 2022 01:59

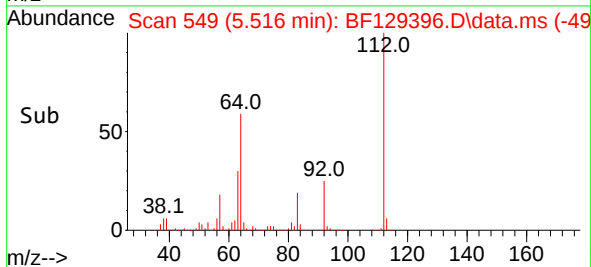
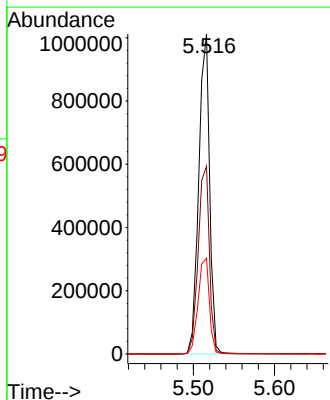
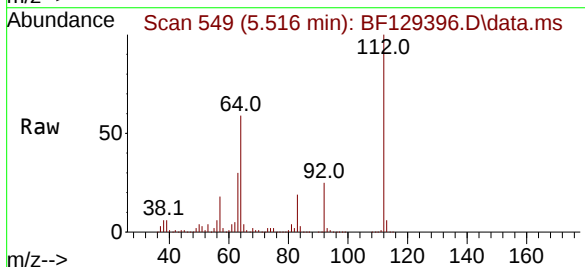
Instrument :
 BNA_F
 ClientSampleId :
 REP072522

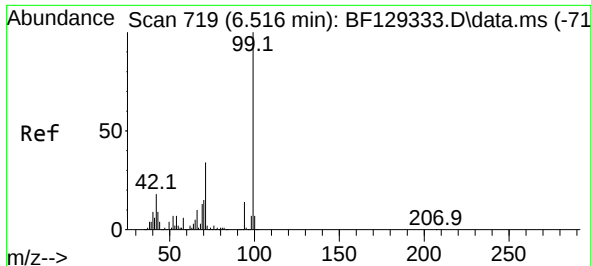
Tgt Ion:152 Resp: 232660
 Ion Ratio Lower Upper
 152 100
 150 156.4 123.7 185.5
 115 66.7 49.9 74.9



#5
 2-Fluorophenol
 Concen: 66.166 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.018 min
 Lab File: BF129396.D
 Acq: 28 Jul 2022 01:59

Tgt Ion:112 Resp: 945012
 Ion Ratio Lower Upper
 112 100
 64 58.7 53.3 79.9
 63 30.0 28.0 42.0

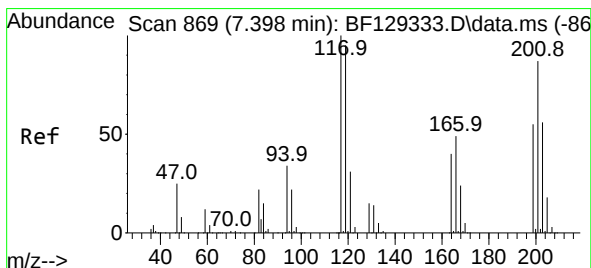
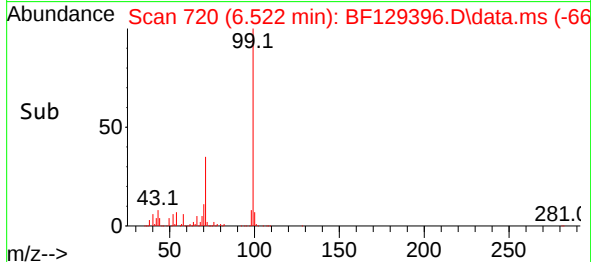
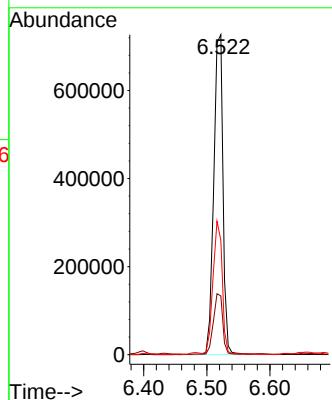
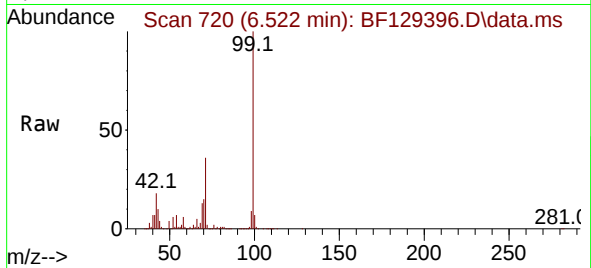




#7
Phenol-d6
Concen: 40.983 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129396.D
Acq: 28 Jul 2022 01:59

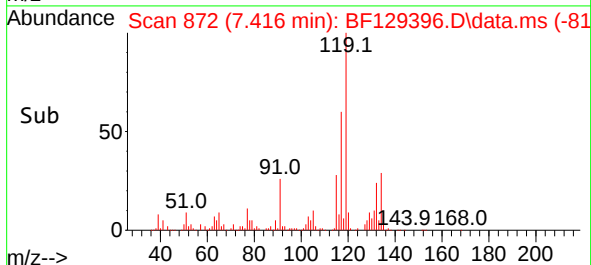
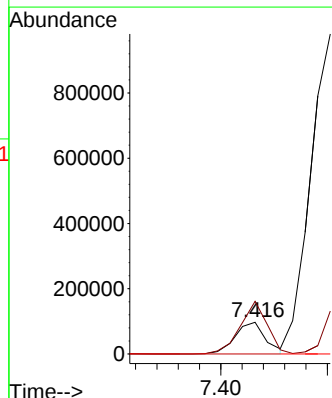
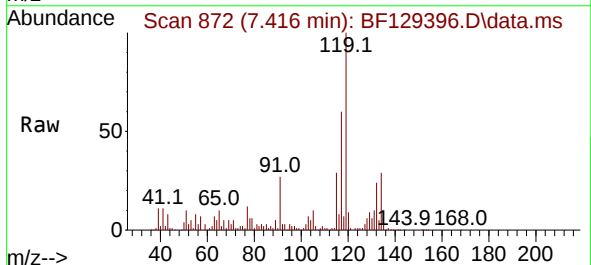
Instrument :
BNA_F
ClientSampleId :
REP072522

Tgt Ion: 99 Resp: 735729
Ion Ratio Lower Upper
99 100
42 18.3 17.3 25.9
71 35.8 28.9 43.3



#18
Hexachloroethane
Concen: 15.039 ng
RT: 7.416 min Scan# 872
Delta R.T. 0.018 min
Lab File: BF129396.D
Acq: 28 Jul 2022 01:59

Tgt Ion: 117 Resp: 96380
Ion Ratio Lower Upper
117 100
119 166.0 77.4 116.2#
201 0.0 84.6 127.0#



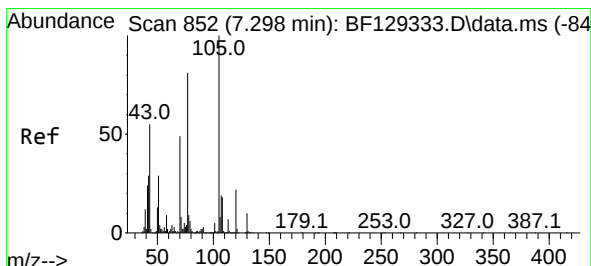
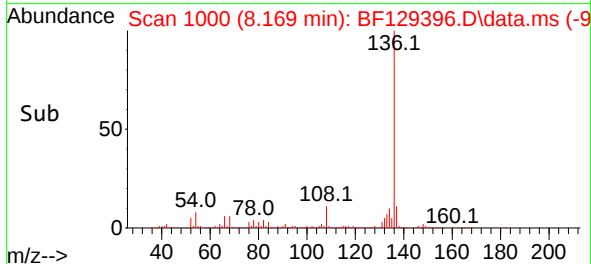
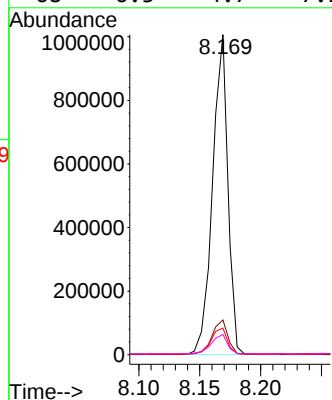
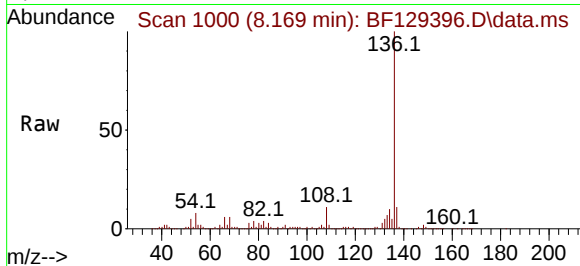


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF129396.D
Acq: 28 Jul 2022 01:59

Instrument :
BNA_F
ClientSampleId :
REP072522

Tgt Ion:136 Resp: 878940

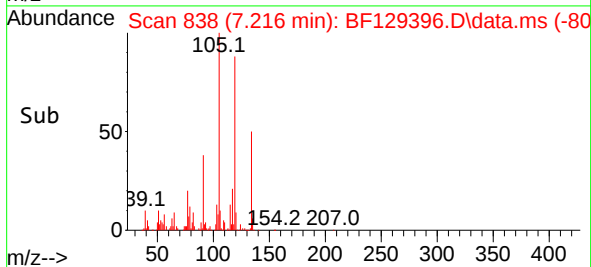
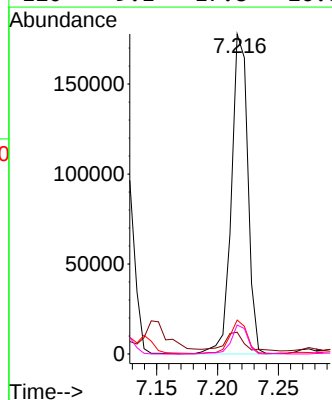
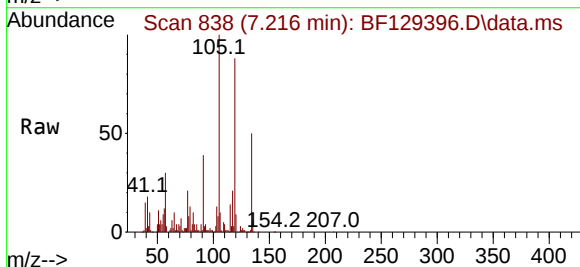
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.3	7.5	11.3
68	6.3	4.7	7.1

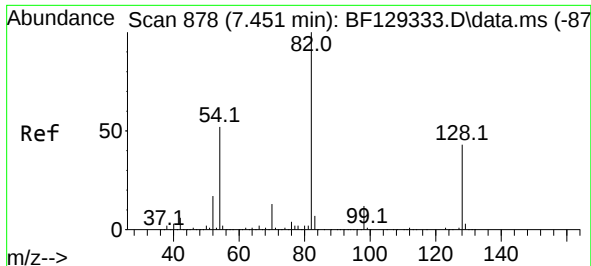


#22
Acetophenone
Concen: 8.124 ng
RT: 7.216 min Scan# 838
Delta R.T. -0.082 min
Lab File: BF129396.D
Acq: 28 Jul 2022 01:59

Tgt Ion:105 Resp: 166253

Ion	Ratio	Lower	Upper
105	100		
71	6.8	5.0	7.4
51	10.6	25.0	37.4#
120	9.1	17.8	26.8#

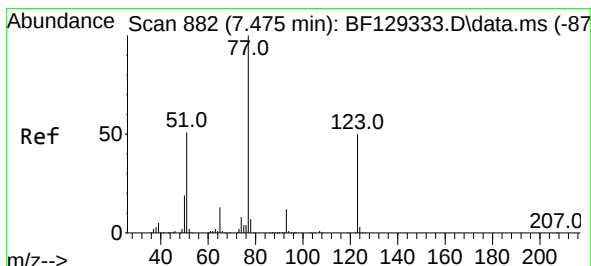
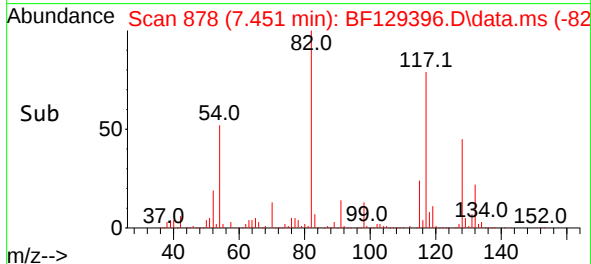
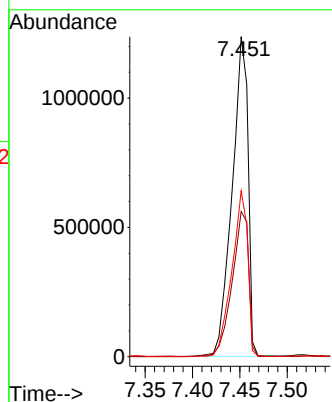
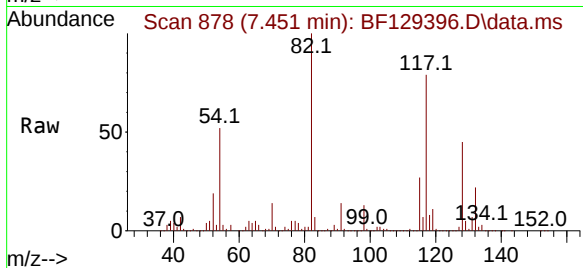




#23
Nitrobenzene-d5
Concen: 89.521 ng
RT: 7.451 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF129396.D
Acq: 28 Jul 2022 01:59

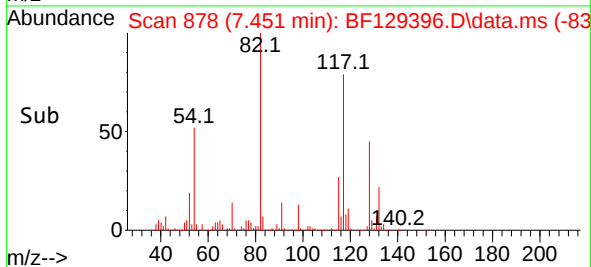
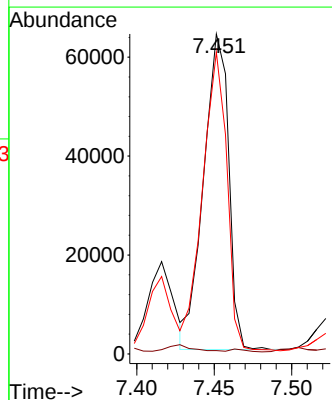
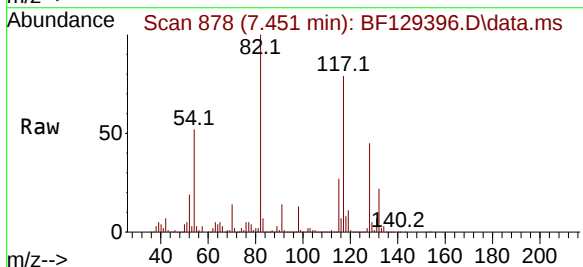
Instrument :
BNA_F
ClientSampleId :
REP072522

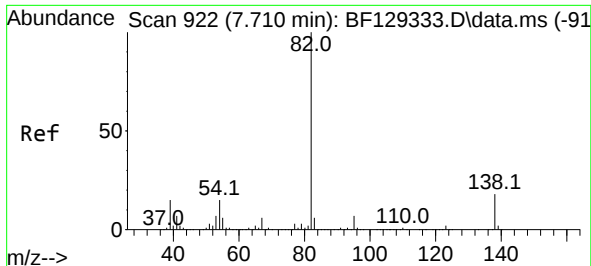
Tgt Ion: 82 Resp: 1441395
Ion Ratio Lower Upper
82 100
128 45.3 34.0 51.0
54 51.8 46.9 70.3



#24
Nitrobenzene
Concen: 4.318 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.023 min
Lab File: BF129396.D
Acq: 28 Jul 2022 01:59

Tgt Ion: 77 Resp: 71594
Ion Ratio Lower Upper
77 100
123 1.0 35.4 53.2#
65 94.3 11.8 17.8#

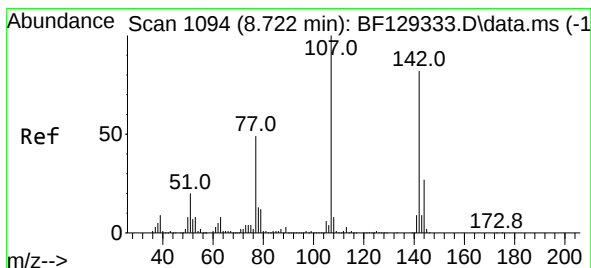
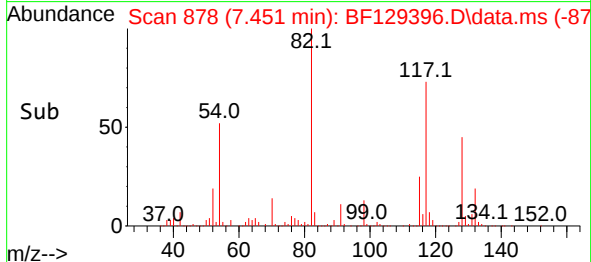
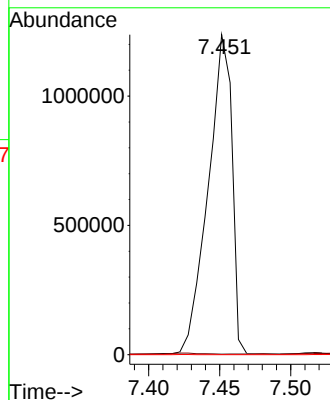
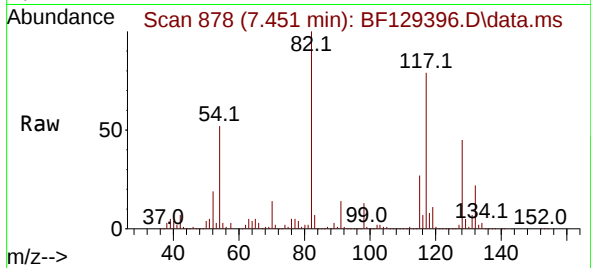




#25
Isophorone
Concen: 49.552 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129396.D
Acq: 28 Jul 2022 01:59

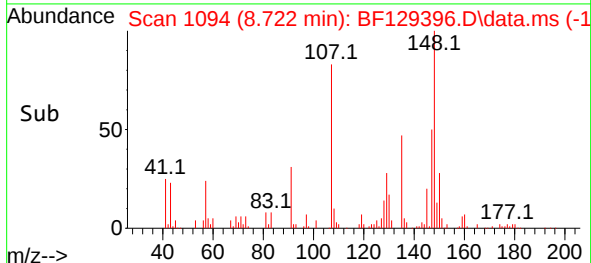
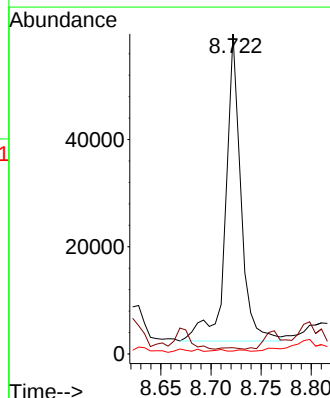
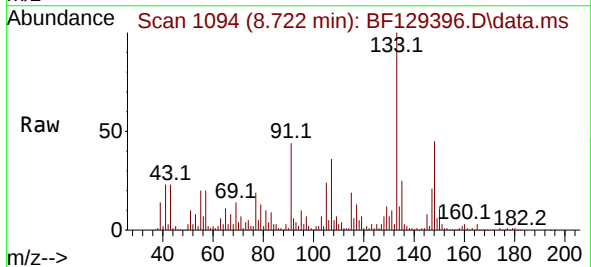
Instrument :
BNA_F
ClientSampleId :
REP072522

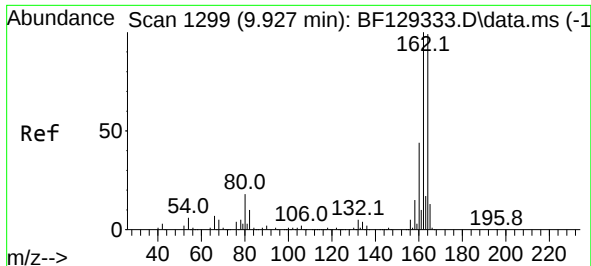
Tgt Ion: 82 Resp: 1430133
Ion Ratio Lower Upper
82 100
95 0.2 5.7 8.5#
138 0.0 14.2 21.2#



#36
4-Chloro-3-methylphenol
Concen: 4.510 ng
RT: 8.722 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BF129396.D
Acq: 28 Jul 2022 01:59

Tgt Ion: 107 Resp: 60580
Ion Ratio Lower Upper
107 100
144 1.9 19.5 29.3#
142 0.9 58.2 87.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF129396.D

Acq: 28 Jul 2022 01:59

Instrument :

BNA_F

ClientSampleId :

REP072522

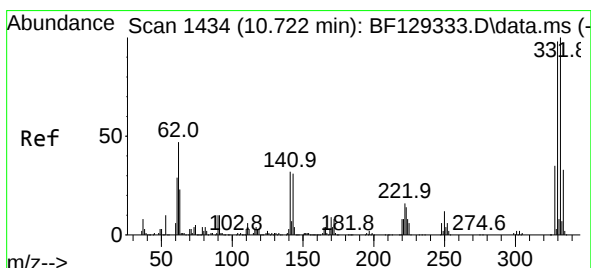
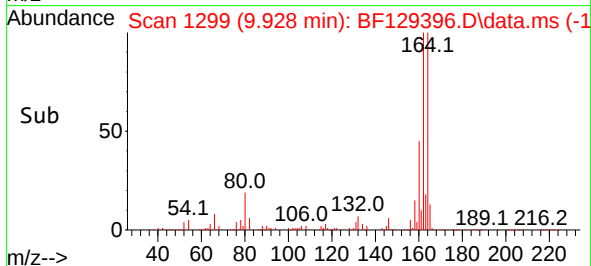
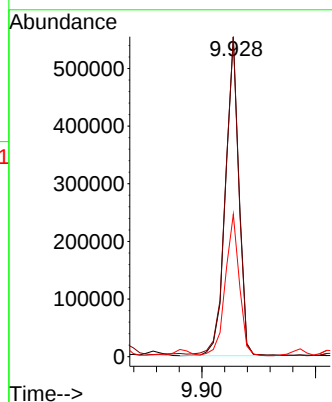
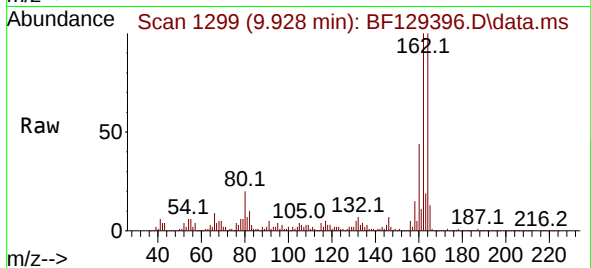
Tgt Ion:164 Resp: 456004

Ion Ratio Lower Upper

164 100

162 100.1 79.5 119.3

160 44.5 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 139.529 ng

RT: 10.722 min Scan# 1434

Delta R.T. 0.000 min

Lab File: BF129396.D

Acq: 28 Jul 2022 01:59

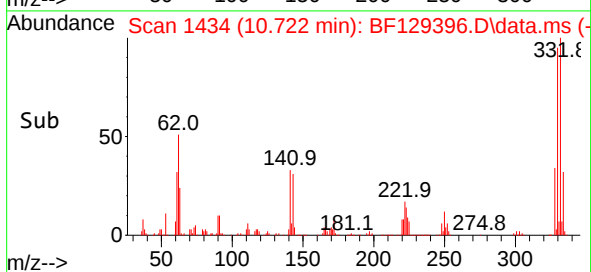
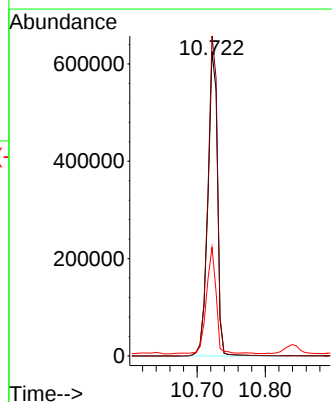
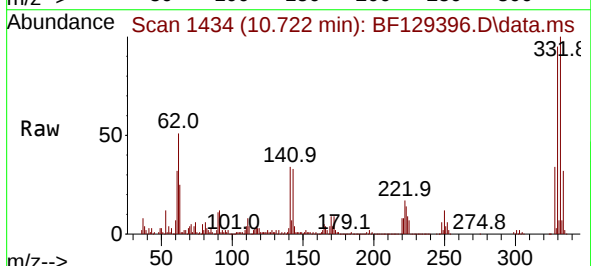
Tgt Ion:330 Resp: 611714

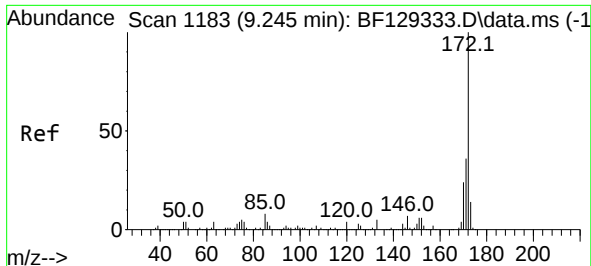
Ion Ratio Lower Upper

330 100

332 104.6 76.8 115.2

141 35.6 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 83.599 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129396.D

Acq: 28 Jul 2022 01:59

Instrument :

BNA_F

ClientSampleId :

REP072522

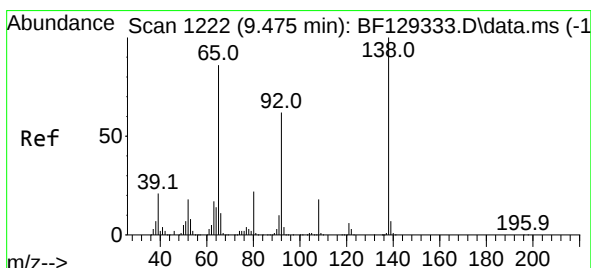
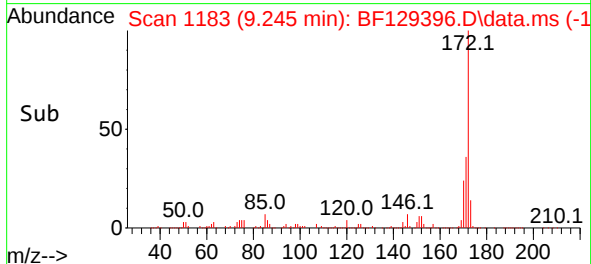
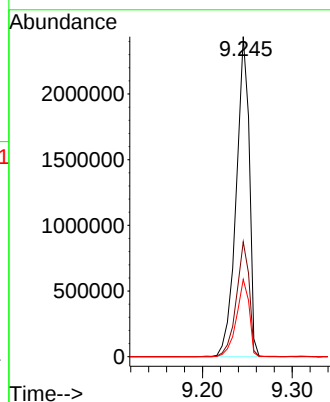
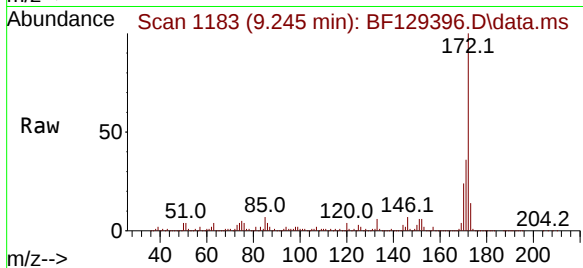
Tgt Ion:172 Resp: 2464288

Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 24.2 19.8 29.8



#48

2-Nitroaniline

Concen: 4.521 ng

RT: 9.516 min Scan# 1229

Delta R.T. 0.041 min

Lab File: BF129396.D

Acq: 28 Jul 2022 01:59

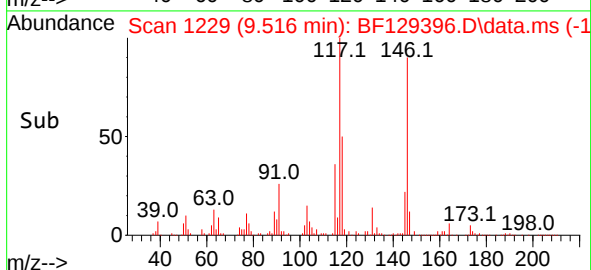
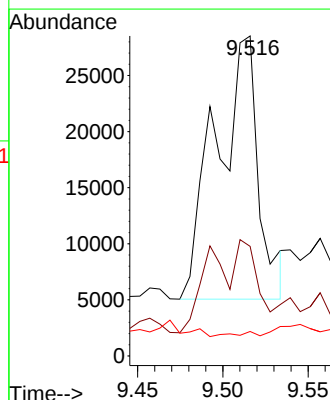
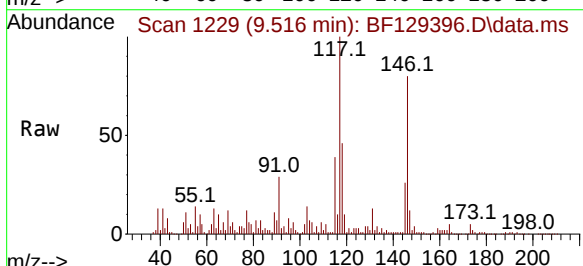
Tgt Ion: 65 Resp: 40444

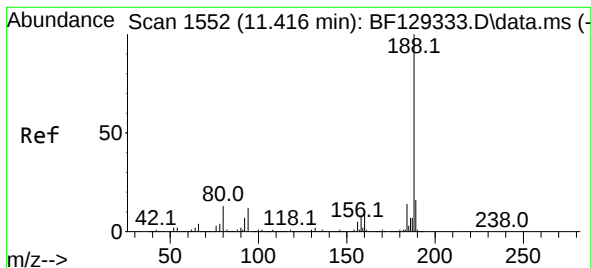
Ion Ratio Lower Upper

65 100

92 34.3 51.9 77.9#

138 7.7 76.4 114.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF129396.D

Acq: 28 Jul 2022 01:59

Instrument :

BNA_F

ClientSampleId :

REP072522

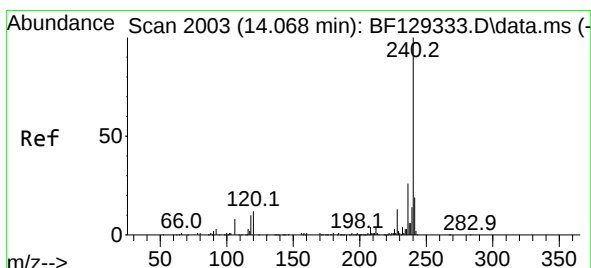
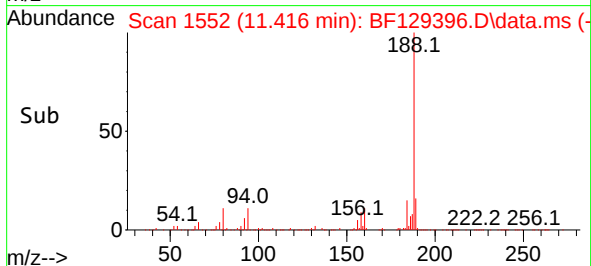
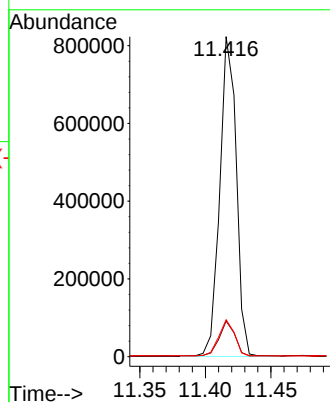
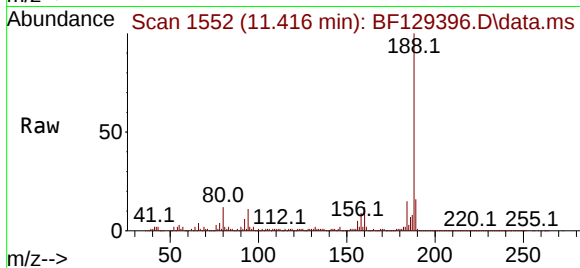
Tgt Ion:188 Resp: 719093

Ion Ratio Lower Upper

188 100

94 11.1 7.0 10.6#

80 11.5 7.6 11.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2001

Delta R.T. -0.012 min

Lab File: BF129396.D

Acq: 28 Jul 2022 01:59

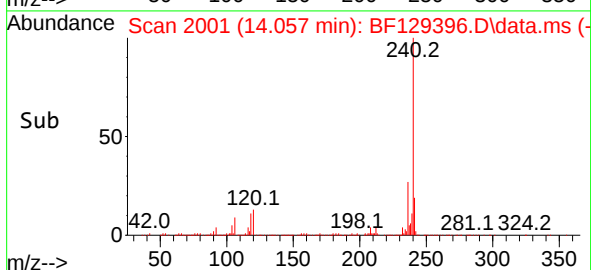
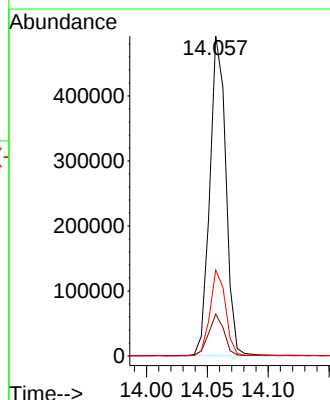
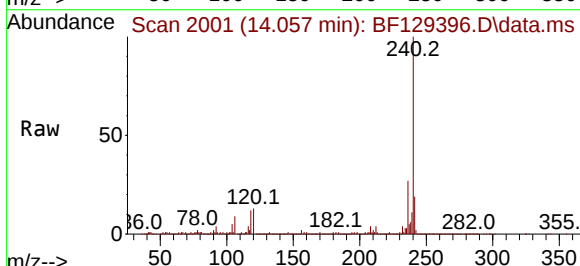
Tgt Ion:240 Resp: 450202

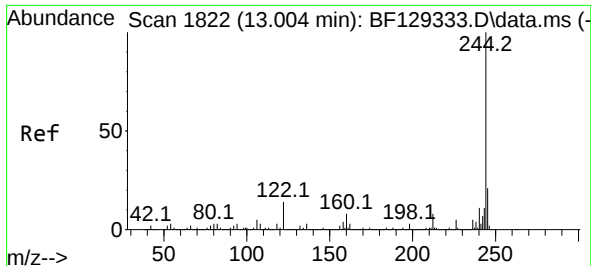
Ion Ratio Lower Upper

240 100

120 13.1 8.9 13.3

236 26.9 20.8 31.2

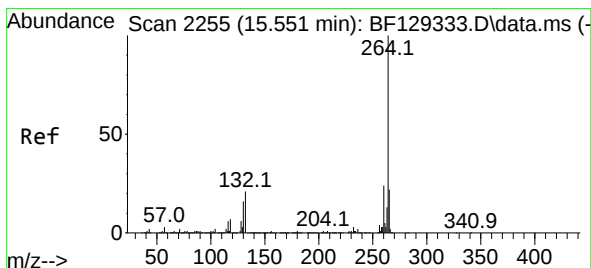
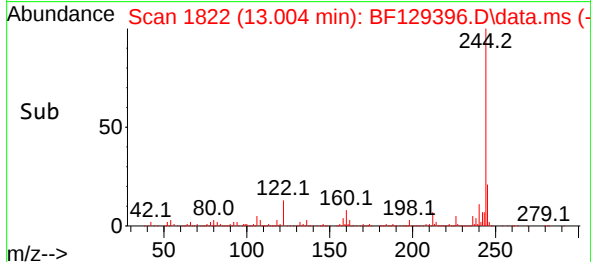
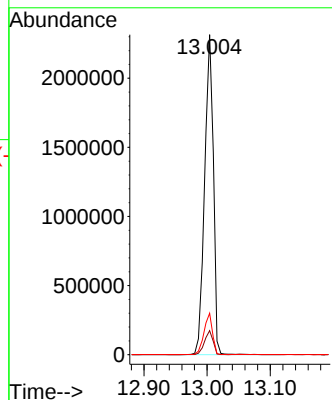
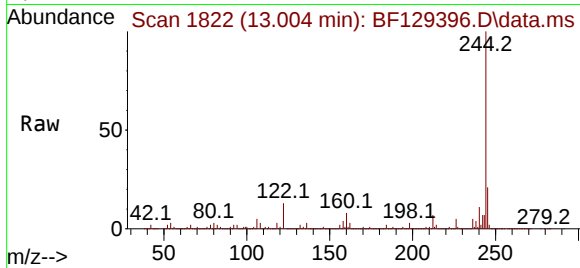




#79
 Terphenyl-d14
 Concen: 93.513 ng
 RT: 13.004 min Scan# 1822
 Delta R.T. 0.000 min
 Lab File: BF129396.D
 Acq: 28 Jul 2022 01:59

Instrument :
 BNA_F
 ClientSampleId :
 REP072522

Tgt Ion:244 Resp: 2231536
 Ion Ratio Lower Upper
 244 100
 212 7.5 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: BF129396.D
 Acq: 28 Jul 2022 01:59

Tgt Ion:264 Resp: 408380
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.4 27.6
 265 22.3 17.2 25.8

