

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062722\
 Data File : BF129027.D
 Acq On : 27 Jun 2022 13:19
 Operator : CG\JU
 Sample : N3434-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2204-35

Quant Time: Jun 28 06:55:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 28 06:51:48 2022
 Response via : Initial Calibration

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

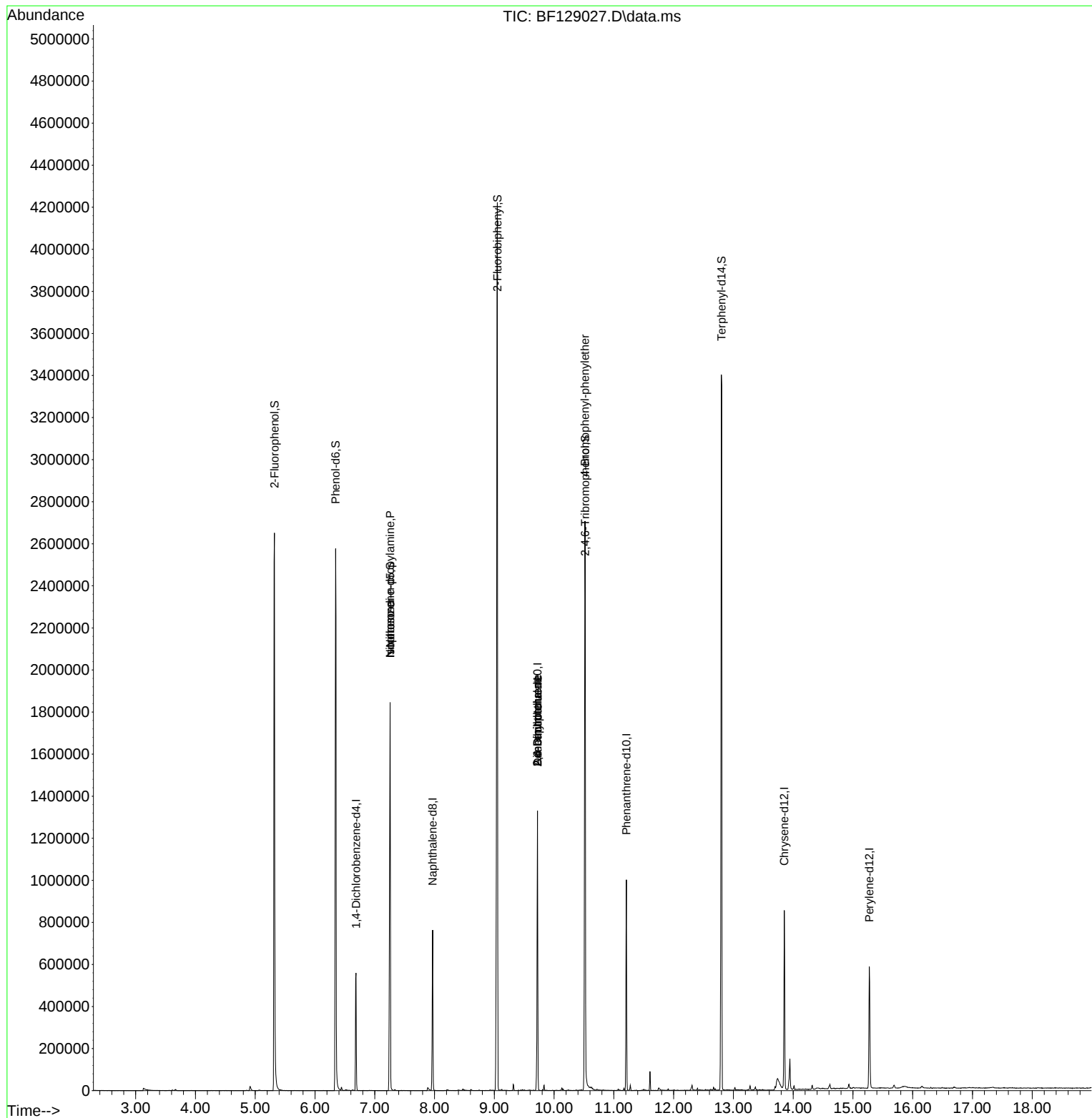
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.687	152	83273	20.000	ng	0.00
21) Naphthalene-d8	7.969	136	316062	20.000	ng	# 0.00
39) Acenaphthene-d10	9.722	164	258509	20.000	ng	0.00
64) Phenanthrene-d10	11.210	188	346088	20.000	ng	0.00
76) Chrysene-d12	13.851	240	298530	20.000	ng	# 0.00
86) Perylene-d12	15.274	264	254512	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	702325	130.934	ng	0.01
7) Phenol-d6	6.345	99	913205	145.641	ng	0.00
23) Nitrobenzene-d5	7.257	82	626101	95.367	ng	0.00
42) 2,4,6-Tribromophenol	10.522	330	363644	135.493	ng	0.00
45) 2-Fluorobiphenyl	9.051	172	1518280	85.100	ng	0.00
79) Terphenyl-d14	12.804	244	1351979	83.951	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.257	70	87658	22.651	ng	# 80
25) Isophorone	7.257	82	626090	62.924	ng	# 65
50) Dimethylphthalate	9.722	163	48259	2.810	ng	# 1
51) 2,6-Dinitrotoluene	9.722	165	33179	9.223	ng	# 25
57) 2,4-Dinitrotoluene	9.722	165	33179	7.015	ng	# 21
67) 4-Bromophenyl-phenylether	10.516	248	23603	6.215	ng	# 1

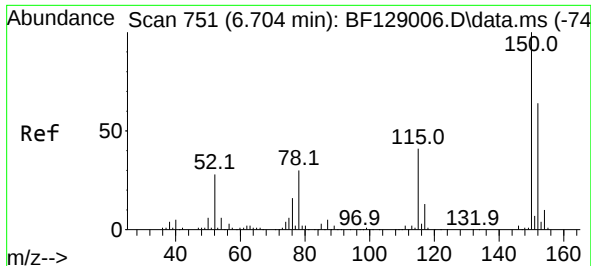
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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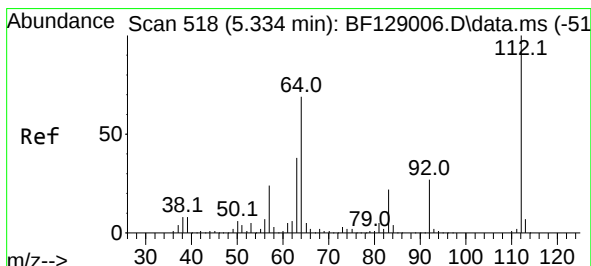
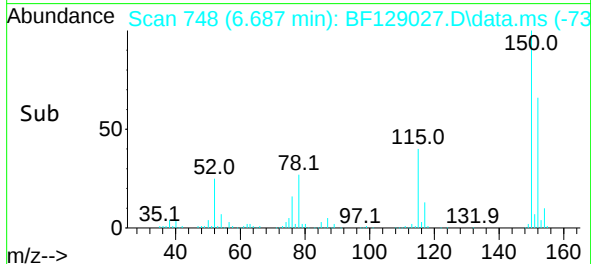
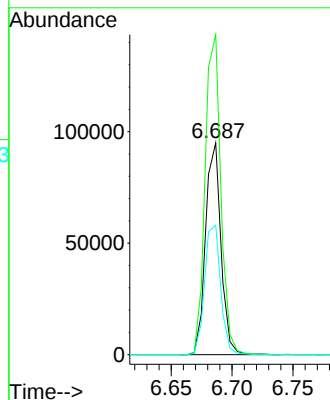
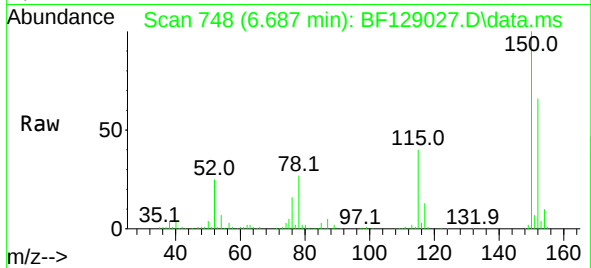




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.687 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF129027.D
Acq: 27 Jun 2022 13:19

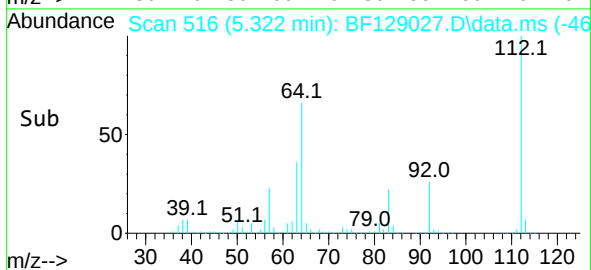
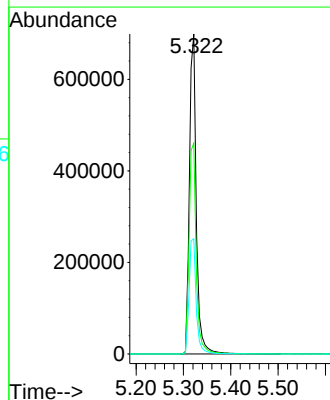
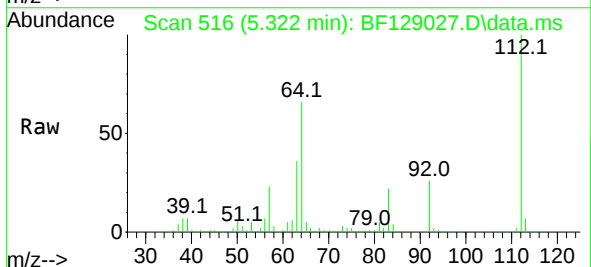
Instrument :
BNA_F
ClientSampleId :
B2204-35

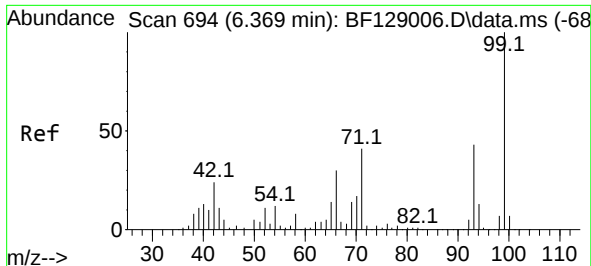
Tgt Ion:152 Resp: 83273
Ion Ratio Lower Upper
152 100
150 151.1 123.7 185.5
115 61.2 49.9 74.9



#5
2-Fluorophenol
Concen: 130.934 ng
RT: 5.322 min Scan# 516
Delta R.T. 0.012 min
Lab File: BF129027.D
Acq: 27 Jun 2022 13:19

Tgt Ion:112 Resp: 702325
Ion Ratio Lower Upper
112 100
64 65.9 53.3 79.9
63 36.0 28.0 42.0

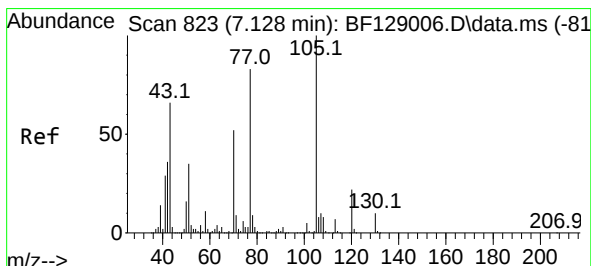
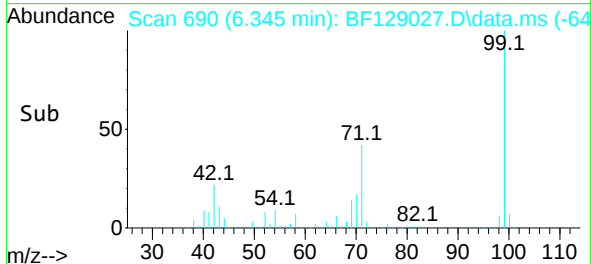
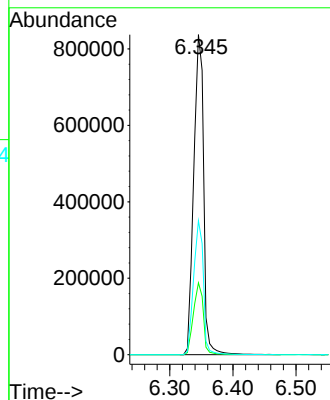
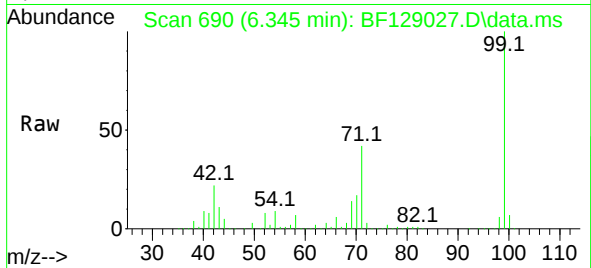




#7
Phenol-d6
Concen: 145.641 ng
RT: 6.345 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF129027.D
Acq: 27 Jun 2022 13:19

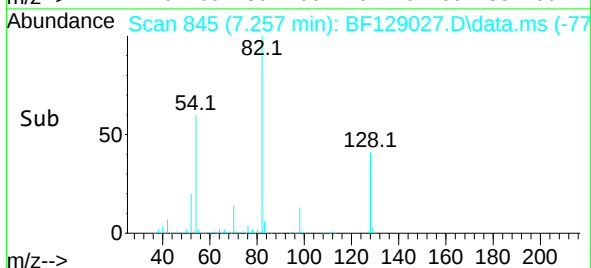
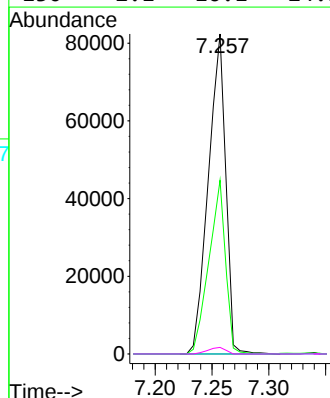
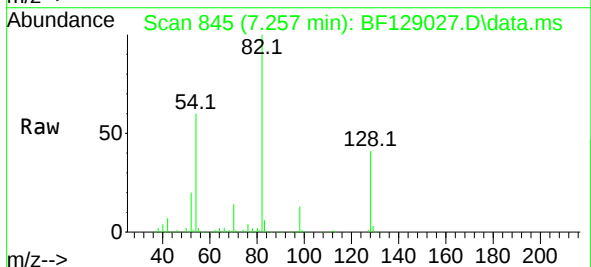
Instrument :
BNA_F
ClientSampleId :
B2204-35

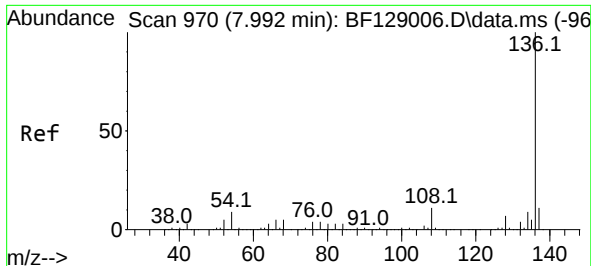
Tgt Ion: 99 Resp: 913205
Ion Ratio Lower Upper
99 100
42 22.5 17.3 25.9
71 41.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 22.651 ng
RT: 7.257 min Scan# 845
Delta R.T. 0.141 min
Lab File: BF129027.D
Acq: 27 Jun 2022 13:19

Tgt Ion: 70 Resp: 87658
Ion Ratio Lower Upper
70 100
42 54.3 52.3 78.5
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#

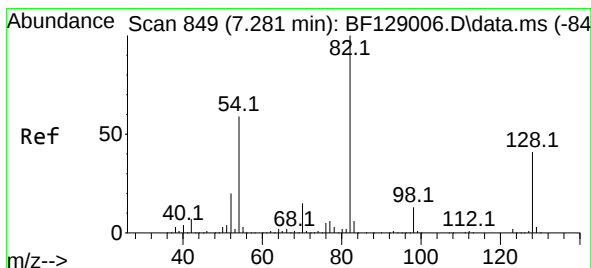
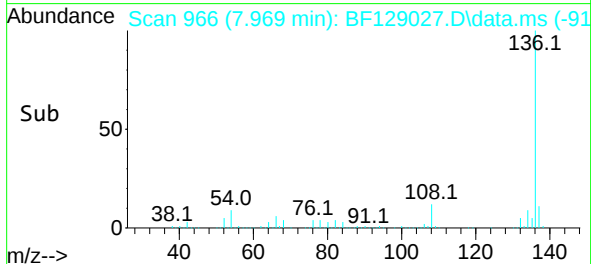
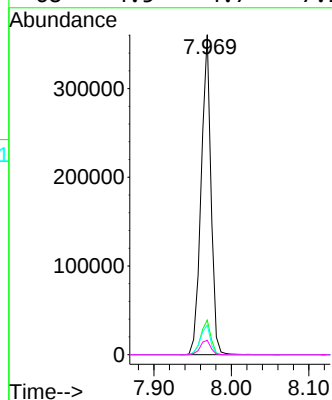
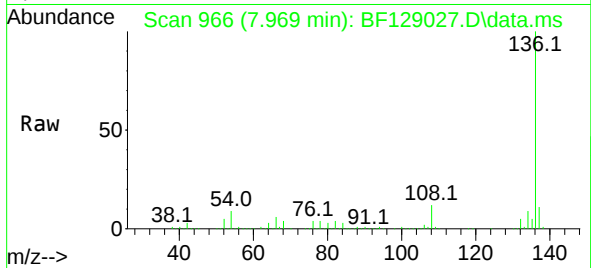




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.969 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129027.D
Acq: 27 Jun 2022 13:19

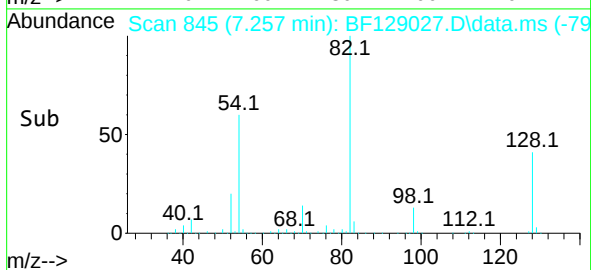
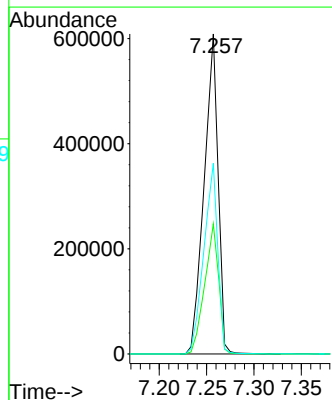
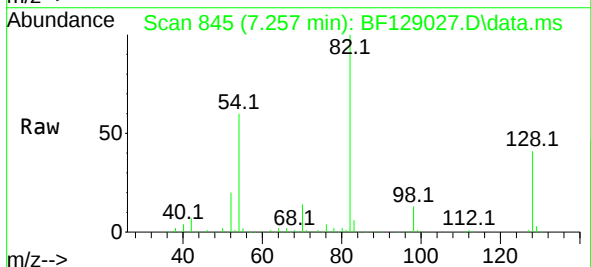
Instrument :
BNA_F
ClientSampleId :
B2204-35

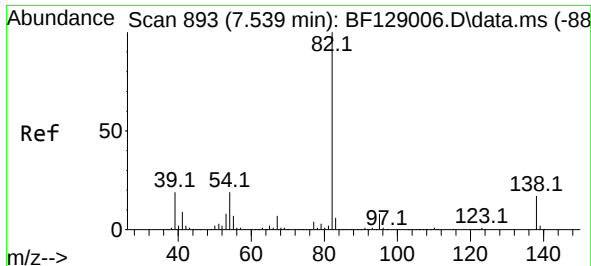
Tgt Ion:136 Resp: 316062
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.3 7.5 11.3
68 4.5 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 95.367 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF129027.D
Acq: 27 Jun 2022 13:19

Tgt Ion: 82 Resp: 626101
Ion Ratio Lower Upper
82 100
128 40.7 34.0 51.0
54 59.5 46.9 70.3

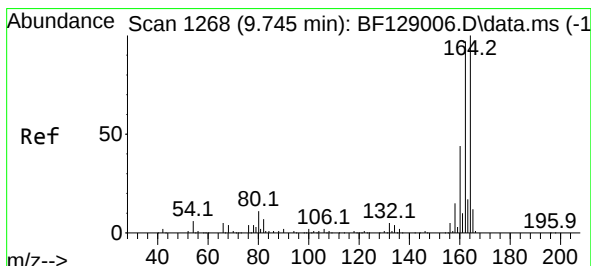
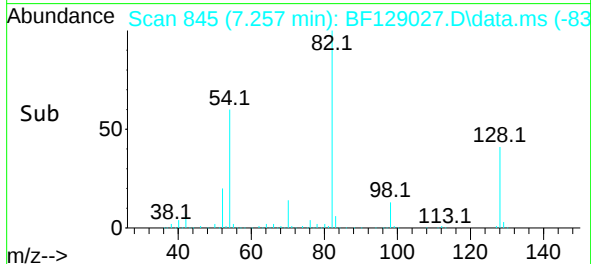
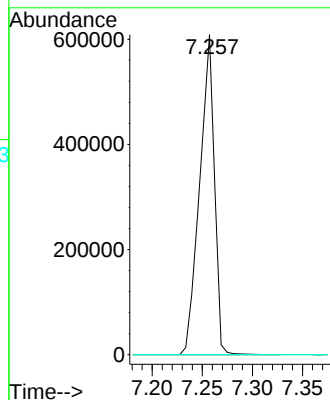
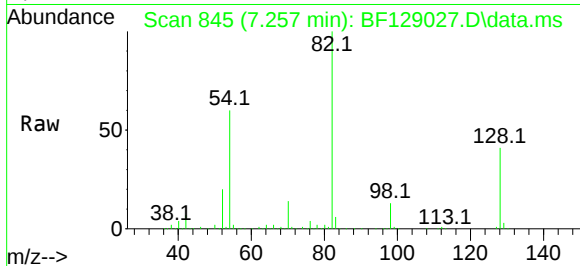




#25
Isophorone
Concen: 62.924 ng
RT: 7.257 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF129027.D
Acq: 27 Jun 2022 13:19

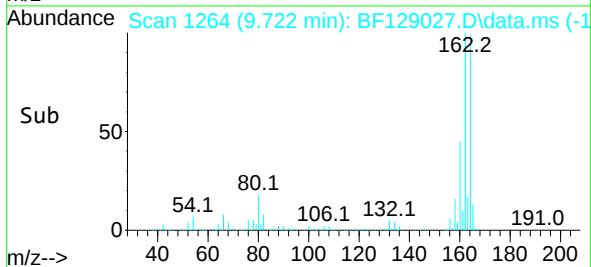
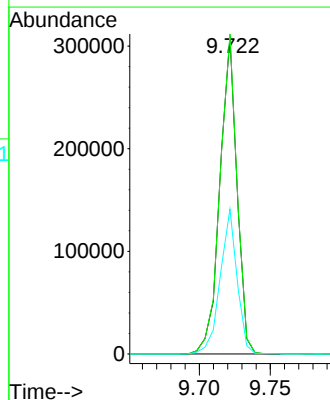
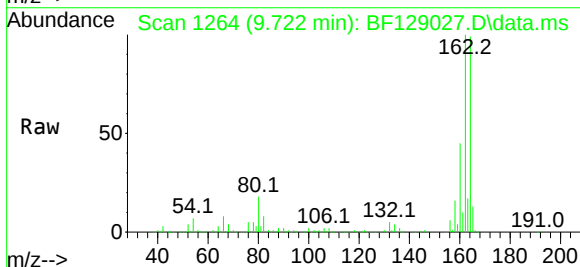
Instrument :
BNA_F
ClientSampleId :
B2204-35

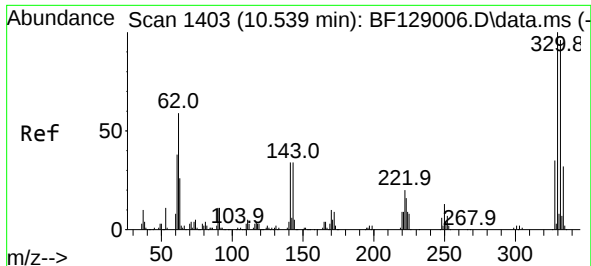
Tgt Ion: 82 Resp: 626090
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.722 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BF129027.D
Acq: 27 Jun 2022 13:19

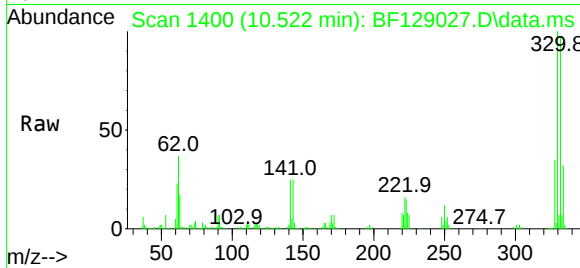
Tgt Ion:164 Resp: 258509
Ion Ratio Lower Upper
164 100
162 100.7 79.5 119.3
160 45.6 34.2 51.4



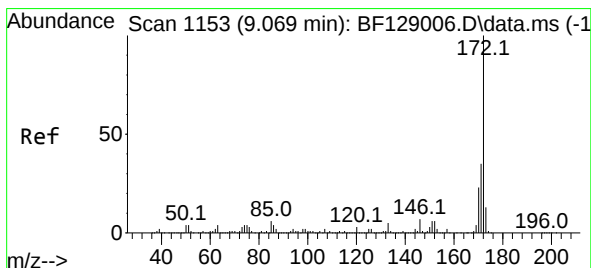
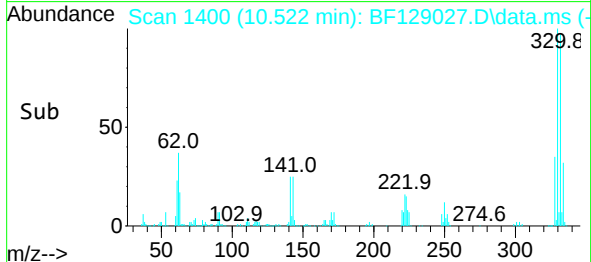
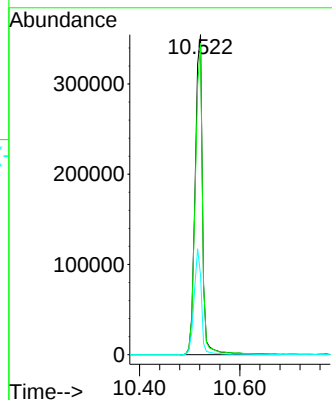


#42
2,4,6-Tribromophenol
Concen: 135.493 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF129027.D
Acq: 27 Jun 2022 13:19

Instrument :
BNA_F
ClientSampleId :
B2204-35

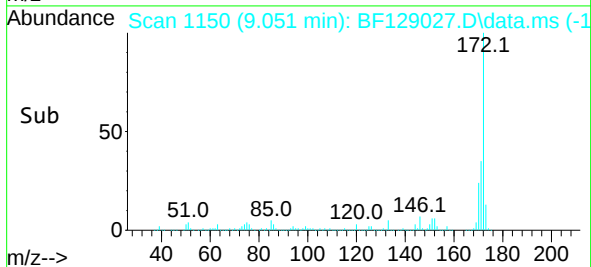
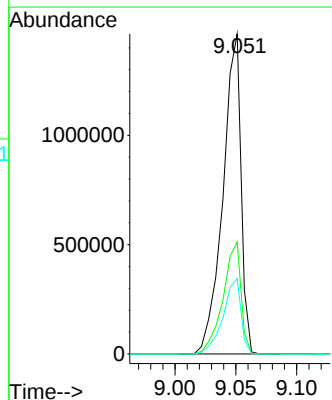
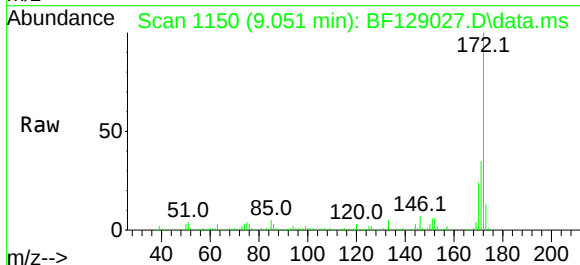


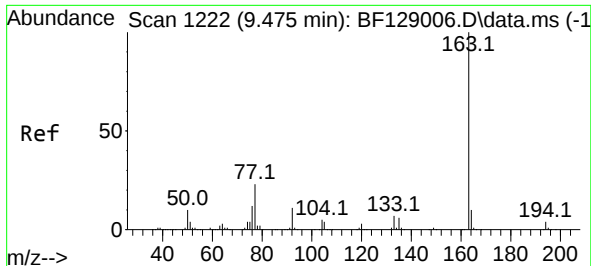
Tgt Ion:330 Resp: 363644
Ion Ratio Lower Upper
330 100
332 95.2 76.8 115.2
141 32.5 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 85.100 ng
RT: 9.051 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BF129027.D
Acq: 27 Jun 2022 13:19

Tgt Ion:172 Resp: 1518280
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 23.6 19.8 29.8

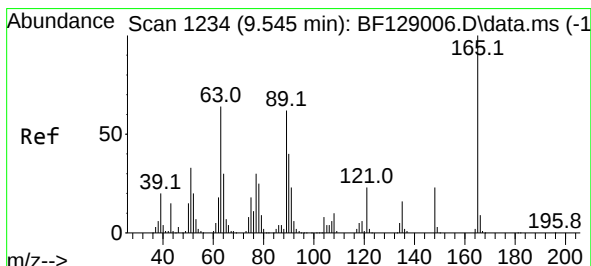
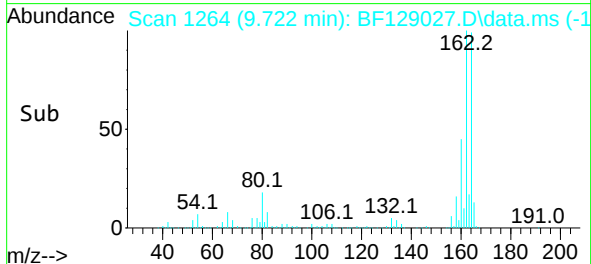
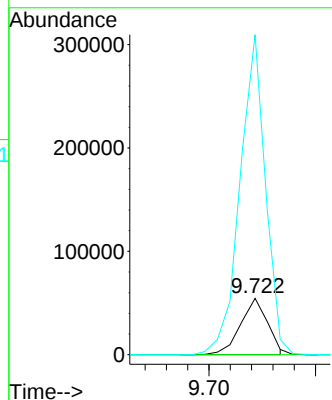
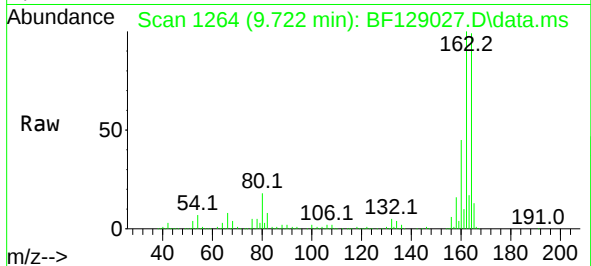




#50
Dimethylphthalate
Concen: 2.810 ng
RT: 9.722 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF129027.D
Acq: 27 Jun 2022 13:19

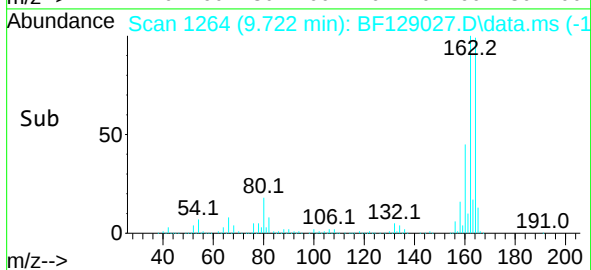
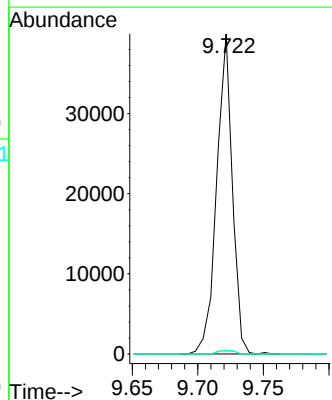
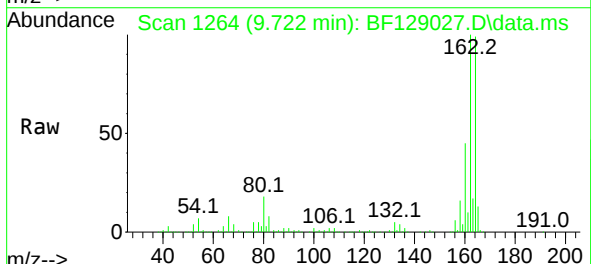
Instrument :
BNA_F
ClientSampleId :
B2204-35

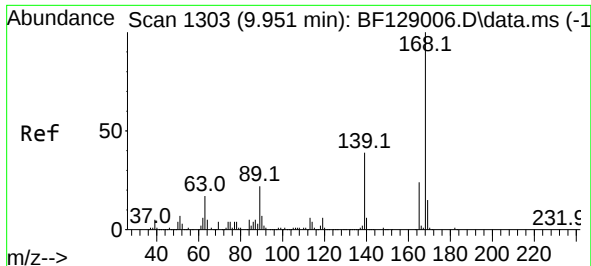
Tgt Ion:163 Resp: 48259
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 568.1 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.223 ng
RT: 9.722 min Scan# 1264
Delta R.T. 0.194 min
Lab File: BF129027.D
Acq: 27 Jun 2022 13:19

Tgt Ion:165 Resp: 33179
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.3 43.6 65.4#





#57

2,4-Dinitrotoluene

Concen: 7.015 ng

RT: 9.722 min Scan# 1

Delta R.T. -0.212 min

Lab File: BF129027.D

Acq: 27 Jun 2022 13:19

Instrument :

BNA_F

ClientSampleId :

B2204-35

Tgt Ion:165 Resp: 33179

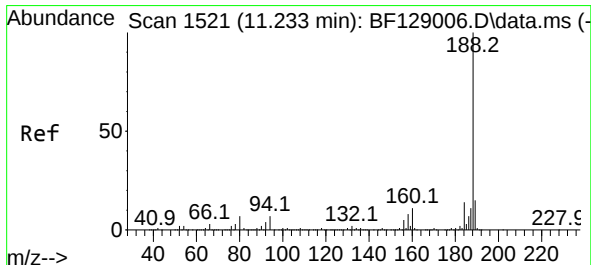
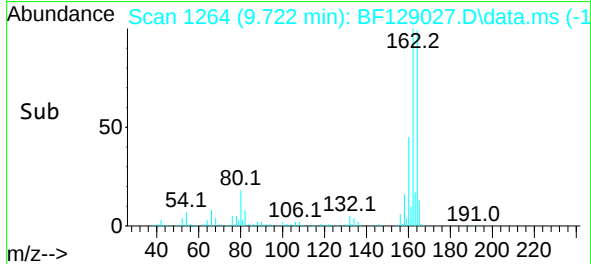
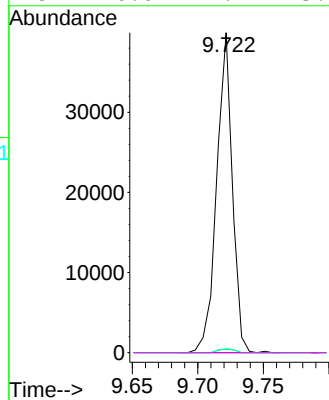
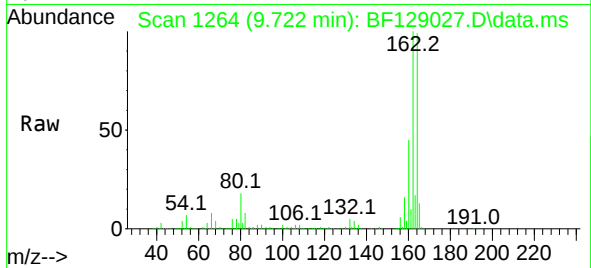
Ion Ratio Lower Upper

165 100

63 1.0 39.8 59.6#

89 1.3 60.2 90.2#

182 0.0 2.2 3.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.210 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BF129027.D

Acq: 27 Jun 2022 13:19

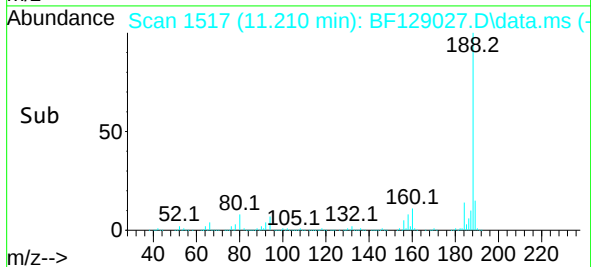
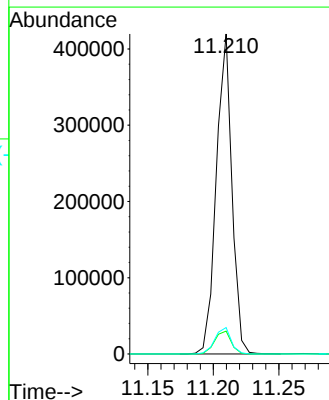
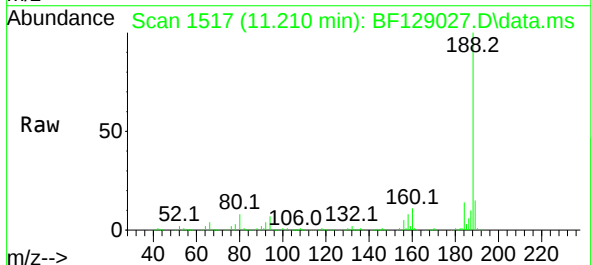
Tgt Ion:188 Resp: 346088

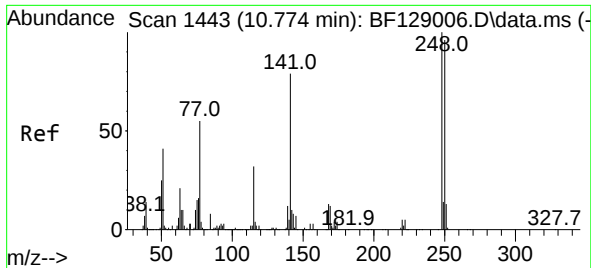
Ion Ratio Lower Upper

188 100

94 7.2 7.0 10.6

80 8.2 7.6 11.4

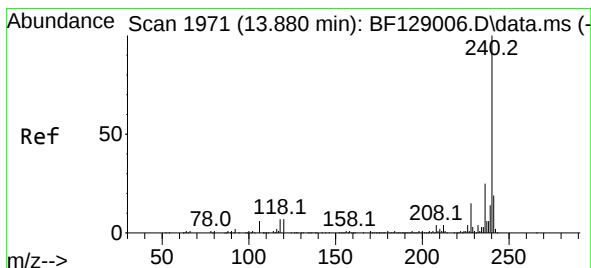
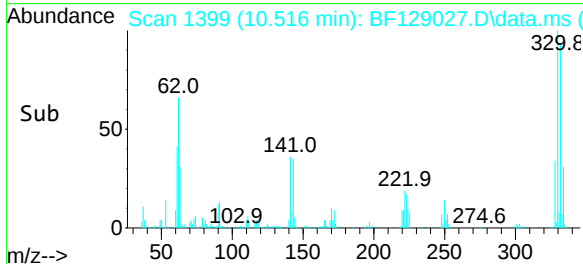
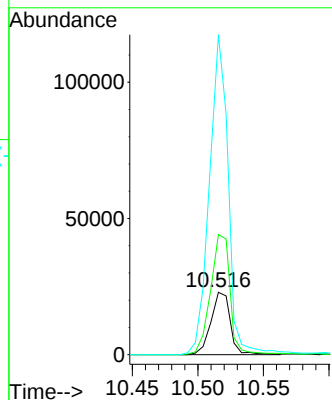
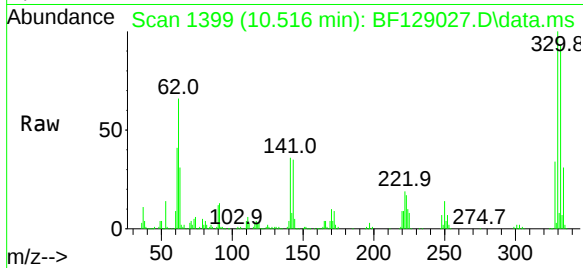




#67
4-Bromophenyl-phenylether
Concen: 6.215 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.241 min
Lab File: BF129027.D
Acq: 27 Jun 2022 13:19

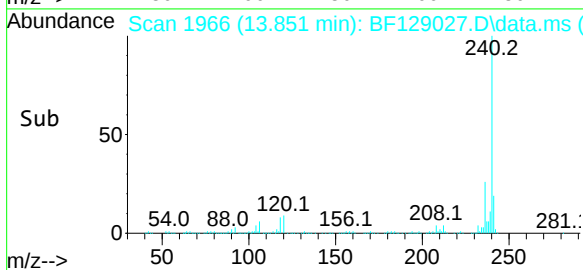
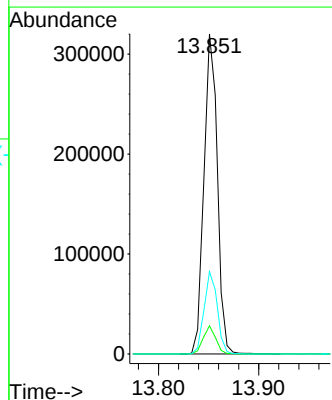
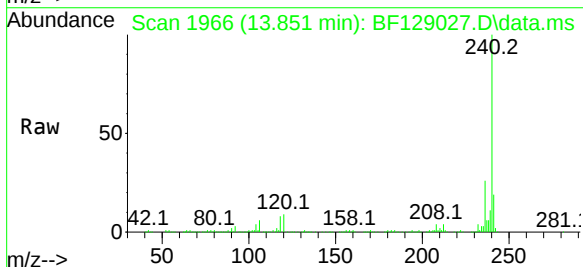
Instrument :
BNA_F
ClientSampleId :
B2204-35

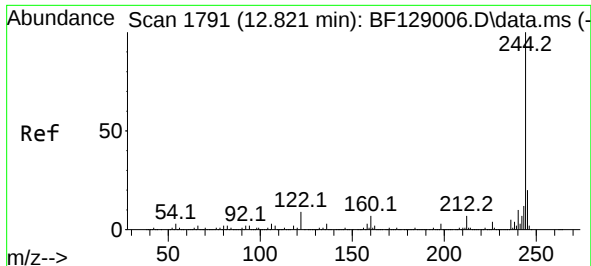
Tgt Ion:248 Resp: 23603
Ion Ratio Lower Upper
248 100
250 192.8 80.6 120.8#
141 513.0 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.851 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BF129027.D
Acq: 27 Jun 2022 13:19

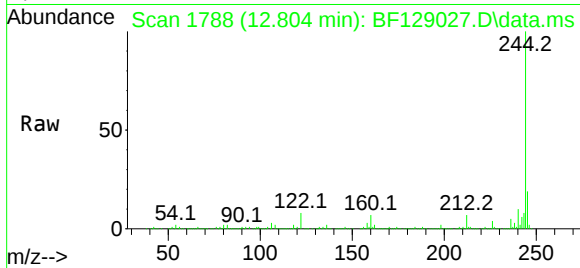
Tgt Ion:240 Resp: 298530
Ion Ratio Lower Upper
240 100
120 8.8 8.9 13.3#
236 25.7 20.8 31.2



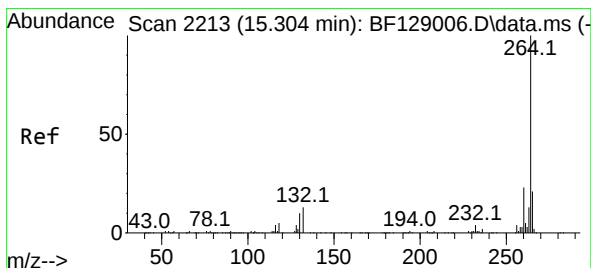
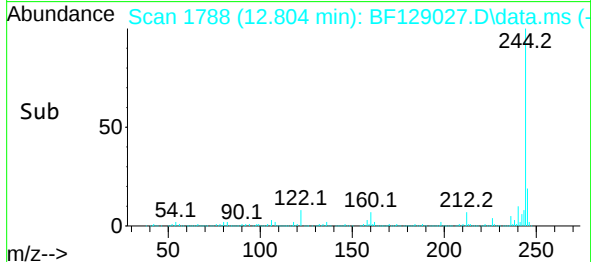
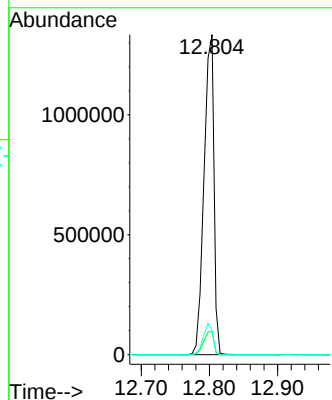


#79
 Terphenyl-d14
 Concen: 83.951 ng
 RT: 12.804 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF129027.D
 Acq: 27 Jun 2022 13:19

Instrument :
 BNA_F
 ClientSampleId :
 B2204-35



Tgt Ion:244 Resp: 1351979
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 7.6 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.274 min Scan# 2208
 Delta R.T. -0.006 min
 Lab File: BF129027.D
 Acq: 27 Jun 2022 13:19

Tgt Ion:264 Resp: 254512
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.4 27.6
 265 21.5 17.2 25.8

