

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
 Data File : BF129257.D
 Acq On : 16 Jul 2022 01:14
 Operator : CG\JU
 Sample : N3716-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Time: Jul 16 01:44:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 12:55:49 2022
 Response via : Initial Calibration

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

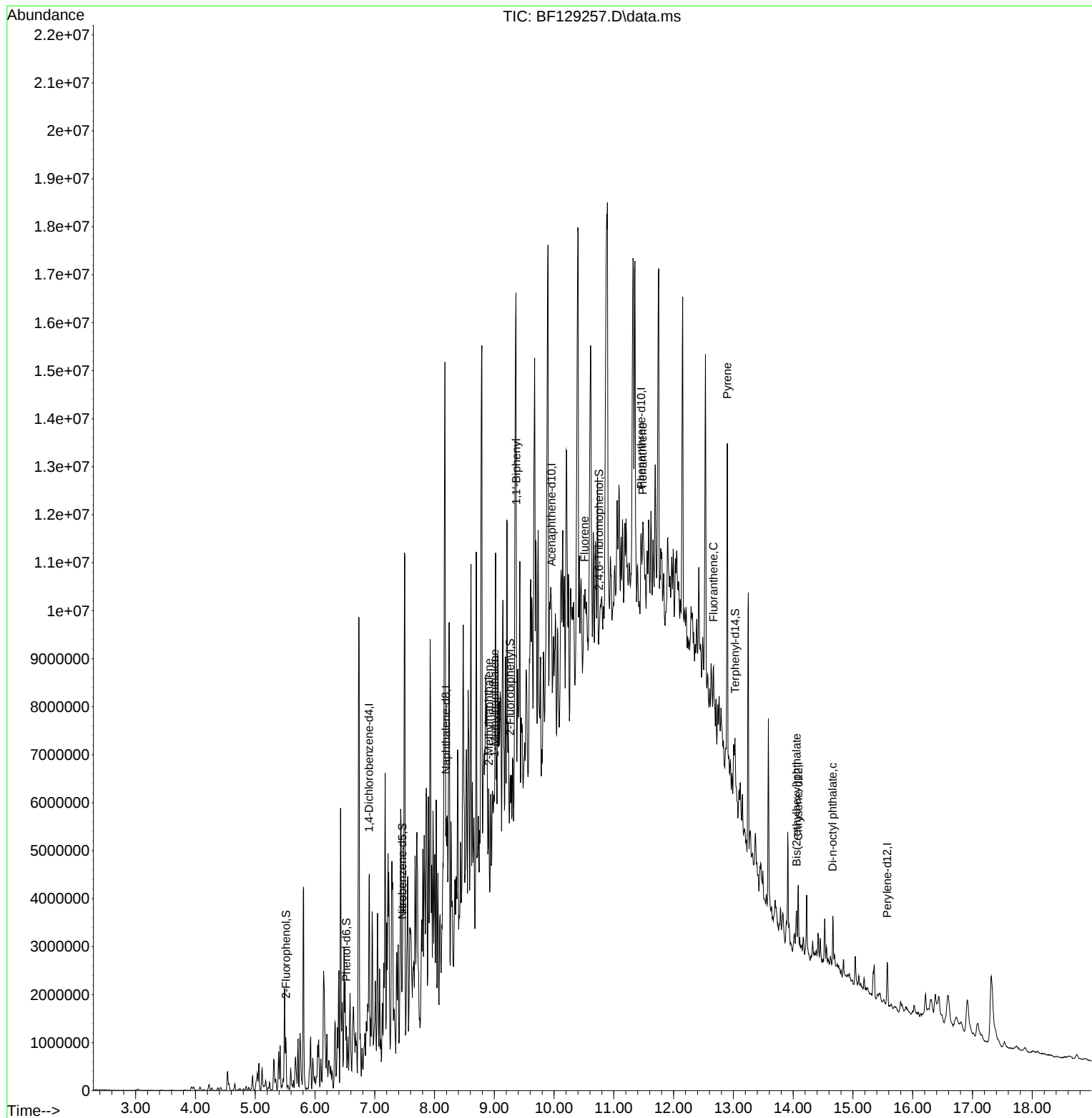
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	208636	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	678381	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	318164	20.000	ng	0.02
64) Phenanthrene-d10	11.457	188	439453	20.000	ng	# 0.03
76) Chrysene-d12	14.086	240	493491	20.000	ng	0.01
86) Perylene-d12	15.574	264	363716	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	215686	16.510	ng	0.00
7) Phenol-d6	6.522	99	259353	15.350	ng	0.00
23) Nitrobenzene-d5	7.463	82	205771	16.214	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	40895	13.848	ng	0.02
45) 2-Fluorobiphenyl	9.263	172	207188	11.033	ng	0.00
79) Terphenyl-d14	13.027	244	218646	8.288	ng	0.01
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	8.910	142	348809	16.651	ng	99
38) 1-Methylnaphthalene	9.004	142	266512	13.155	ng	99
46) 1,1'-Biphenyl	9.369	154	81700	3.631	ng	96
58) Fluorene	10.510	166	125139	6.646	ng	# 69
71) Phenanthrene	11.480	178	149730	6.711	ng	# 75
75) Fluoranthene	12.669	202	57365	2.582	ng	70
78) Pyrene	12.898	202	124369	3.112	ng	# 93
84) Bis(2-ethylhexyl)phtha...	14.057	149	403448	17.031	ng	# 62
85) Di-n-octyl phthalate	14.663	149	586357	17.257	ng	# 96

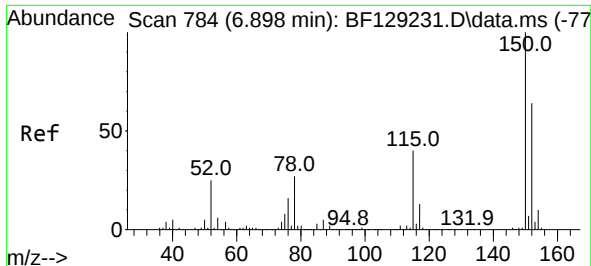
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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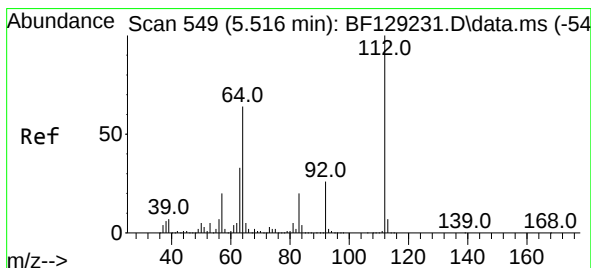
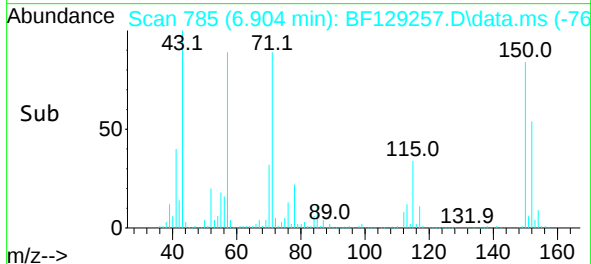
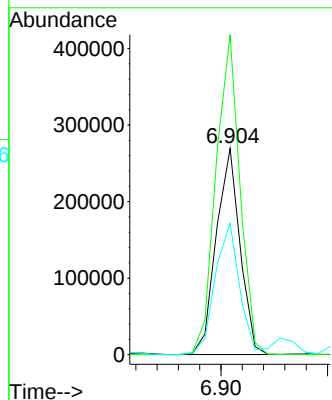
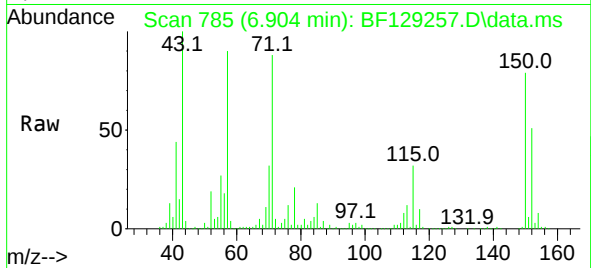




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: BF129257.D
 Acq: 16 Jul 2022 01:14

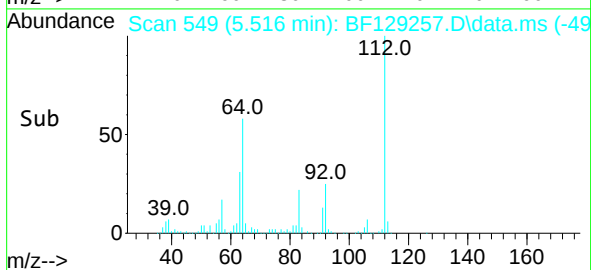
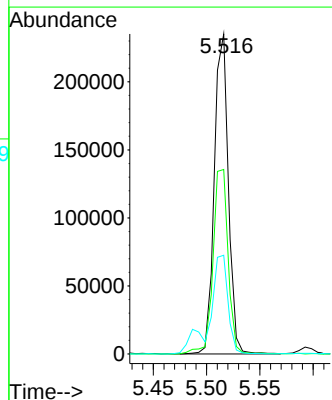
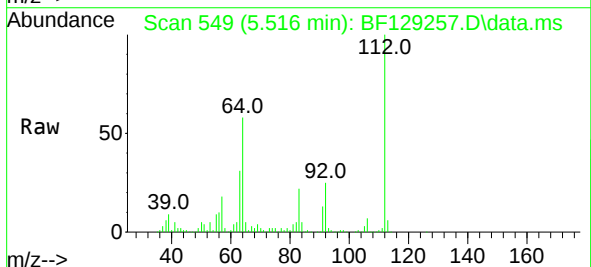
Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Tgt Ion:152 Resp: 208636
 Ion Ratio Lower Upper
 152 100
 150 155.1 123.7 185.5
 115 63.7 49.9 74.9



#5
 2-Fluorophenol
 Concen: 16.510 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.000 min
 Lab File: BF129257.D
 Acq: 16 Jul 2022 01:14

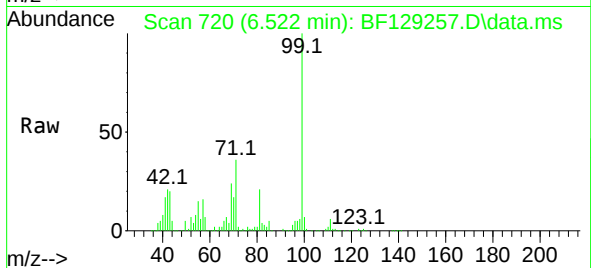
Tgt Ion:112 Resp: 215686
 Ion Ratio Lower Upper
 112 100
 64 57.6 53.3 79.9
 63 30.9 28.0 42.0



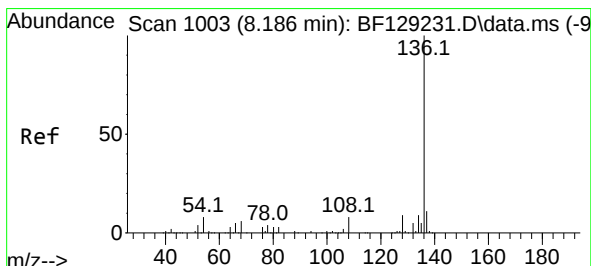
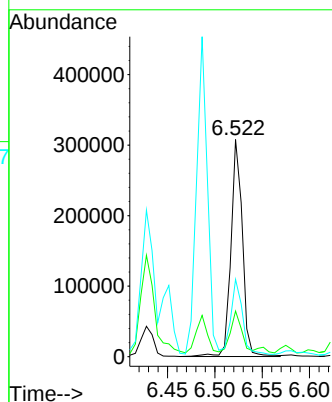
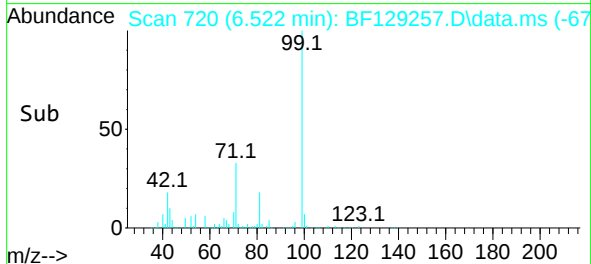


#7
Phenol-d6
Concen: 15.350 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129257.D
Acq: 16 Jul 2022 01:14

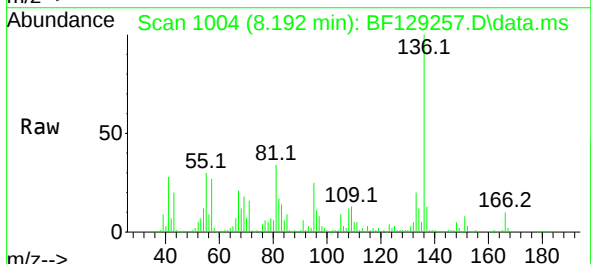
Instrument :
BNA_F
ClientSampleId :
COMP-1



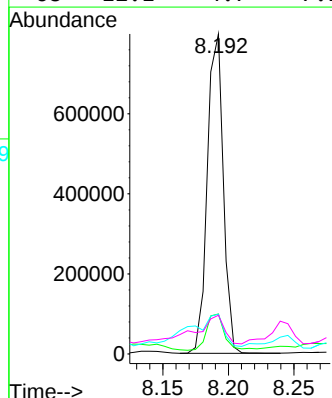
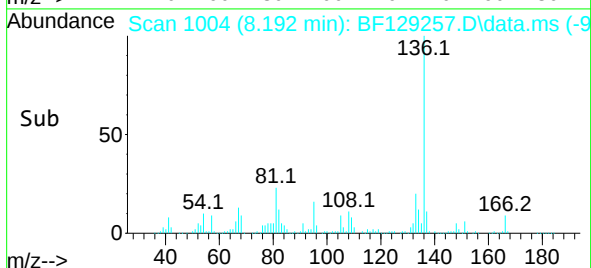
Tgt Ion: 99 Resp: 259353
Ion Ratio Lower Upper
99 100
42 21.0 17.3 25.9
71 35.6 28.9 43.3

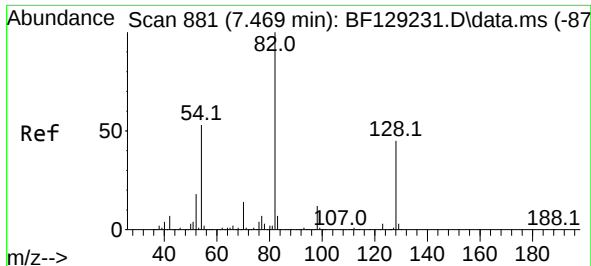


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1004
Delta R.T. 0.006 min
Lab File: BF129257.D
Acq: 16 Jul 2022 01:14



Tgt Ion: 136 Resp: 678381
Ion Ratio Lower Upper
136 100
137 12.5 8.8 13.2
54 12.4 7.5 11.3#
68 12.1 4.7 7.1#

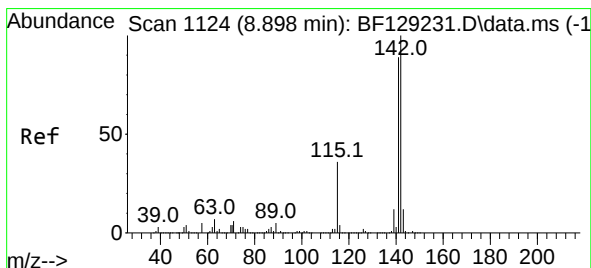
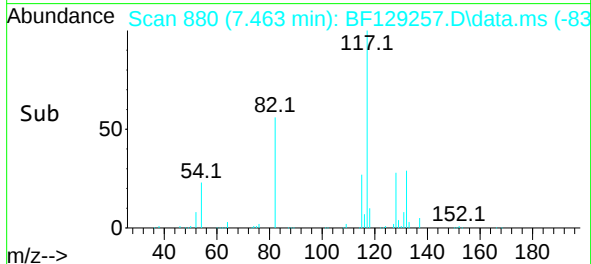
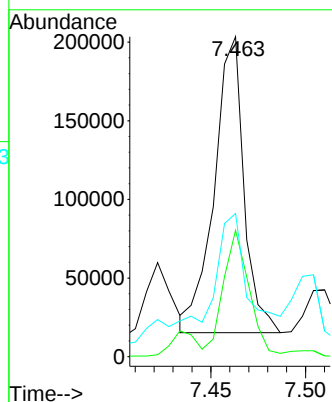
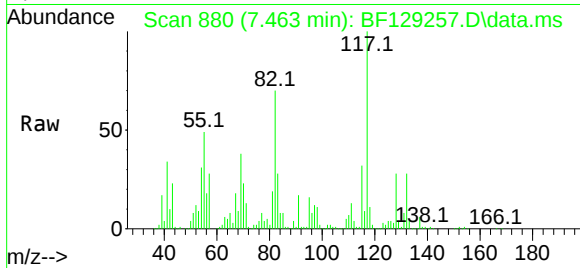




#23
Nitrobenzene-d5
Concen: 16.214 ng
RT: 7.463 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129257.D
Acq: 16 Jul 2022 01:14

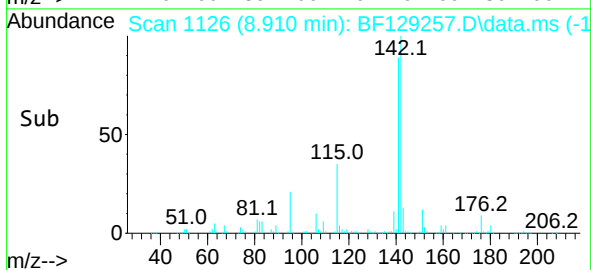
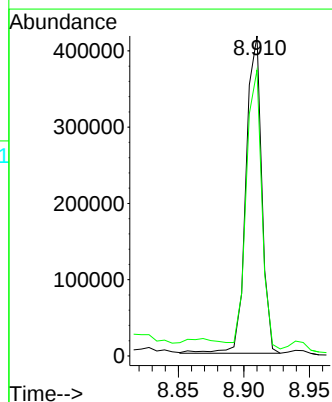
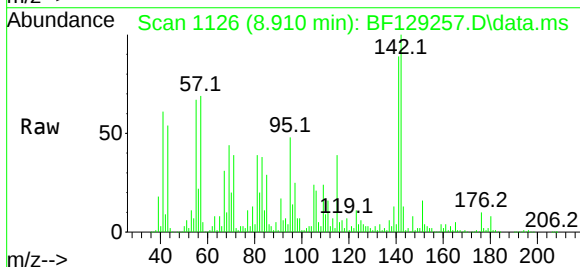
Instrument :
BNA_F
ClientSampleId :
COMP-1

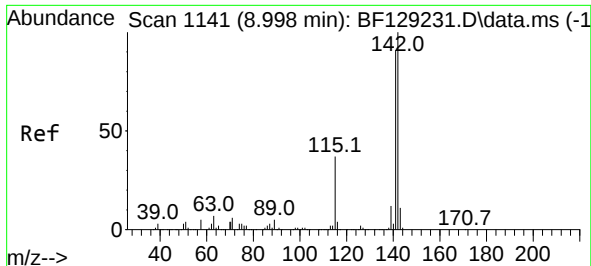
Tgt Ion: 82 Resp: 205771
Ion Ratio Lower Upper
82 100
128 39.5 34.0 51.0
54 44.7 46.9 70.3#



#37
2-Methylnaphthalene
Concen: 16.651 ng
RT: 8.910 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF129257.D
Acq: 16 Jul 2022 01:14

Tgt Ion:142 Resp: 348809
Ion Ratio Lower Upper
142 100
141 89.4 71.0 106.4

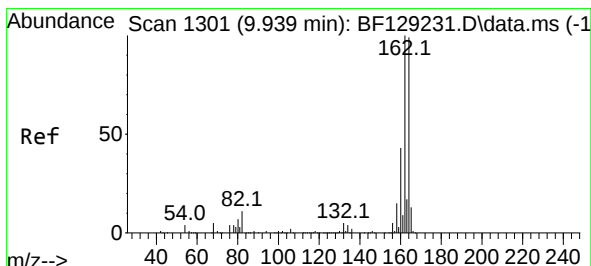
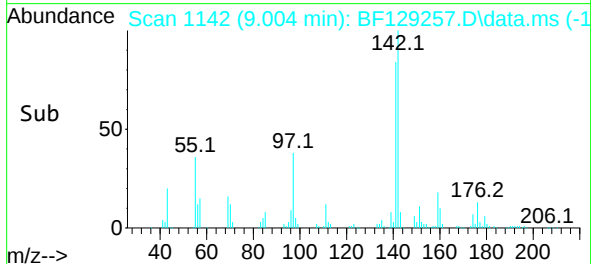
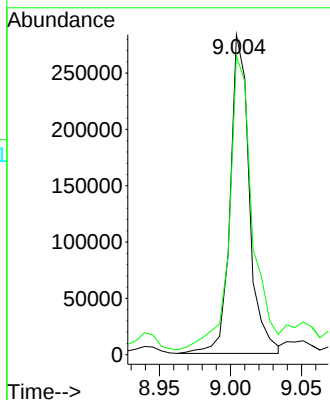
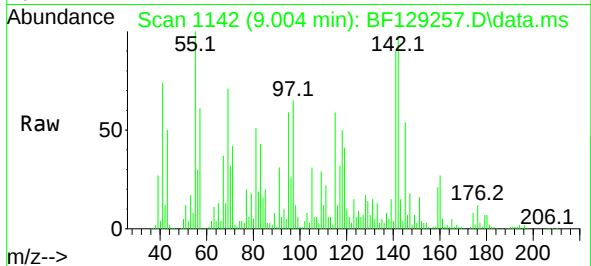




#38
1-Methylnaphthalene
Concen: 13.155 ng
RT: 9.004 min Scan# 1141
Delta R.T. 0.006 min
Lab File: BF129257.D
Acq: 16 Jul 2022 01:14

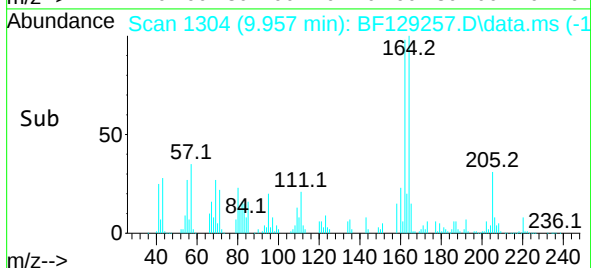
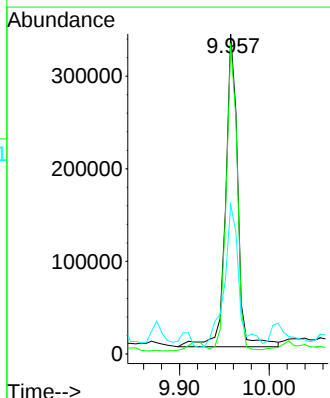
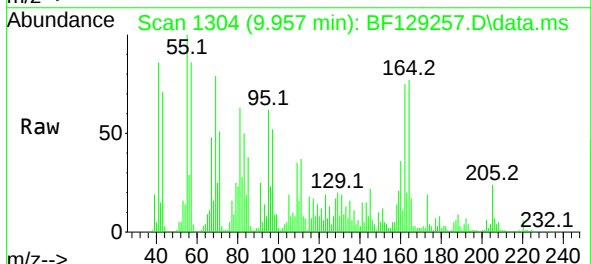
Instrument :
BNA_F
ClientSampleId :
COMP-1

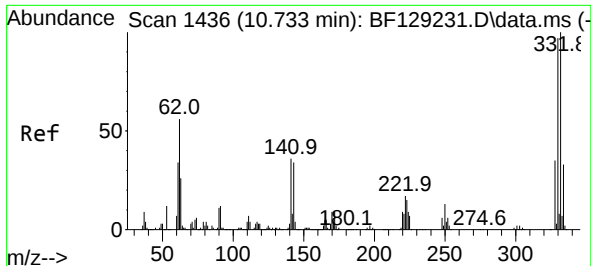
Tgt Ion:142 Resp: 266512
Ion Ratio Lower Upper
142 100
141 93.4 74.2 111.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. 0.018 min
Lab File: BF129257.D
Acq: 16 Jul 2022 01:14

Tgt Ion:164 Resp: 318164
Ion Ratio Lower Upper
164 100
162 97.0 79.5 119.3
160 46.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 13.848 ng

RT: 10.751 min Scan# 1439

Delta R.T. 0.018 min

Lab File: BF129257.D

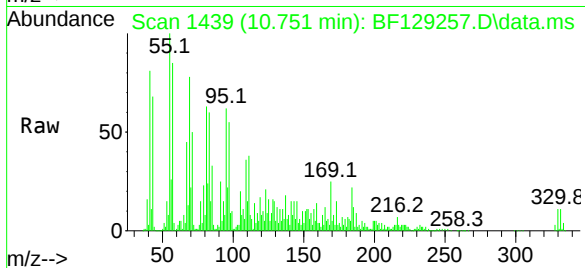
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BNA_F

ClientSampleId :

COMP-1



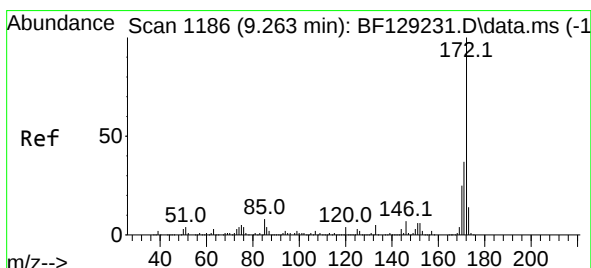
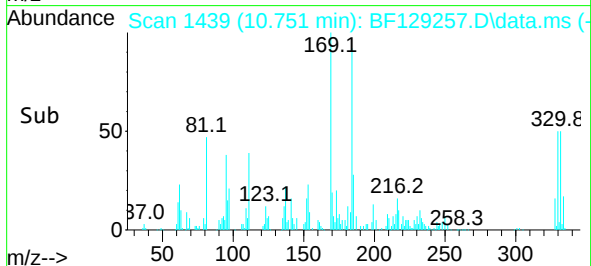
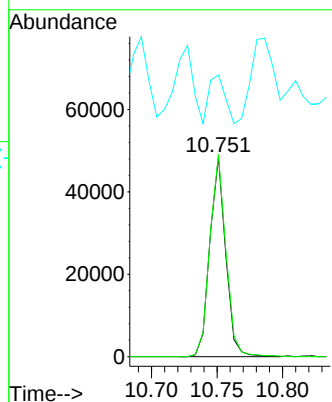
Tgt Ion:330 Resp: 40895

Ion Ratio Lower Upper

330 100

332 103.2 76.8 115.2

141 24.5 28.0 42.0#



#45

2-Fluorobiphenyl

Concen: 11.033 ng

RT: 9.263 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF129257.D

Acq: 16 Jul 2022 01:14

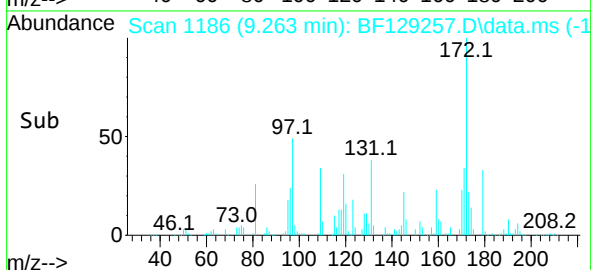
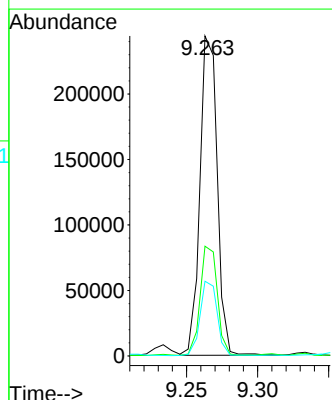
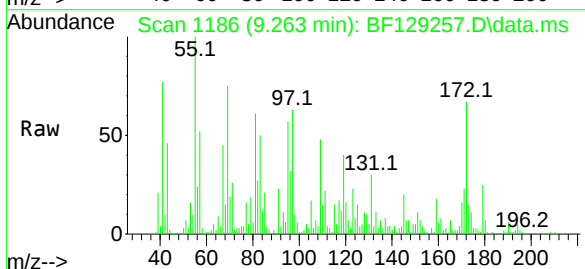
Tgt Ion:172 Resp: 207188

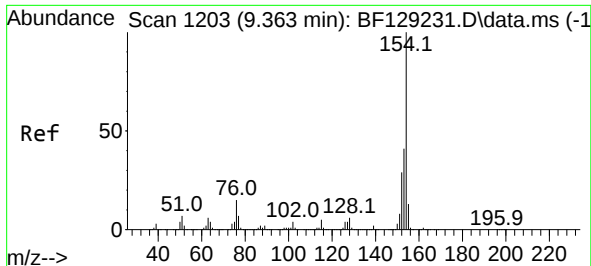
Ion Ratio Lower Upper

172 100

171 34.3 28.8 43.2

170 23.3 19.8 29.8

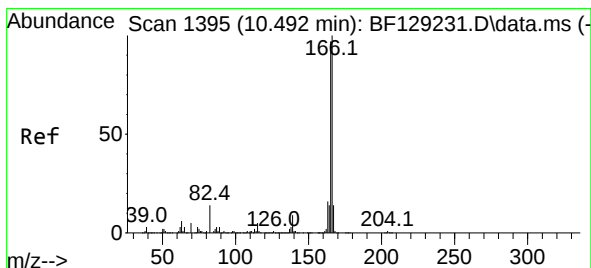
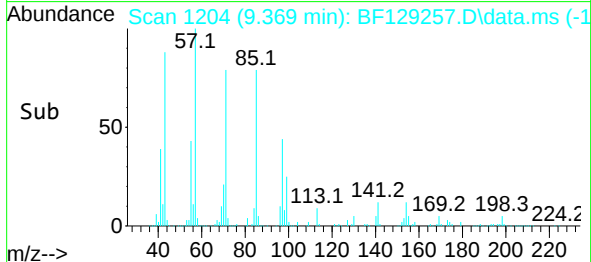
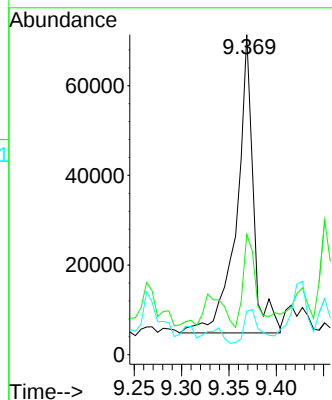
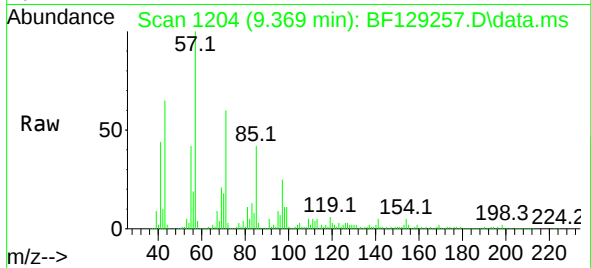




#46
1,1'-Biphenyl
Concen: 3.631 ng
RT: 9.369 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129257.D
Acq: 16 Jul 2022 01:14

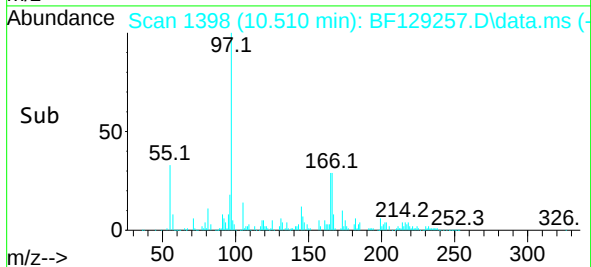
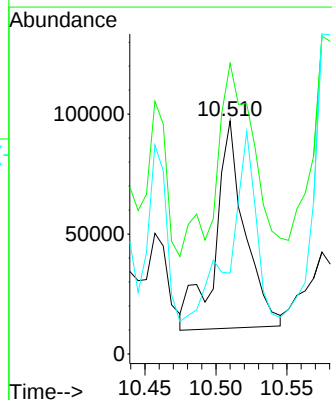
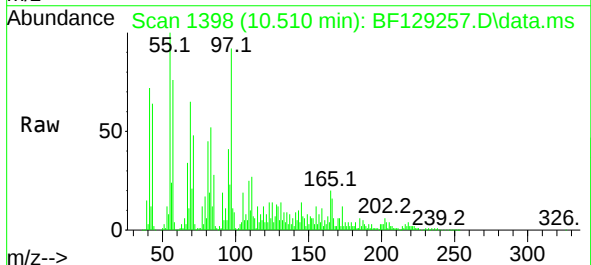
Instrument :
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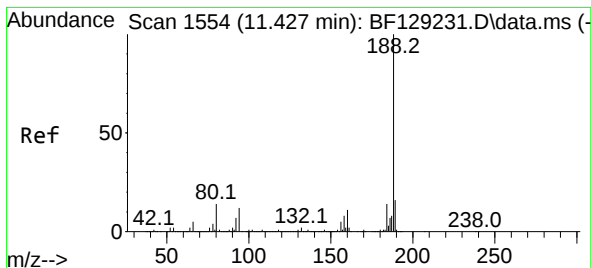
Tgt Ion:154 Resp: 81700
Ion Ratio Lower Upper
154 100
153 37.6 20.6 60.6
76 13.6 0.0 33.3



#58
Fluorene
Concen: 6.646 ng
RT: 10.510 min Scan# 1398
Delta R.T. 0.018 min
Lab File: BF129257.D
Acq: 16 Jul 2022 01:14

Tgt Ion:166 Resp: 125139
Ion Ratio Lower Upper
166 100
165 124.7 78.1 117.1#
167 34.7 10.5 15.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.457 min Scan# 1

Delta R.T. 0.029 min

Lab File: BF129257.D

Acq: 16 Jul 2022 01:14

Instrument :

BNA_F

ClientSampleId :

COMP-1

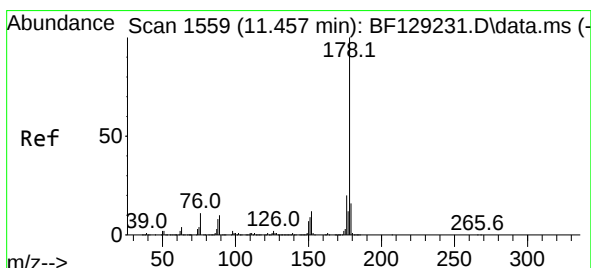
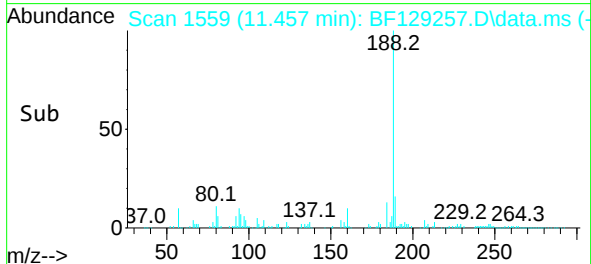
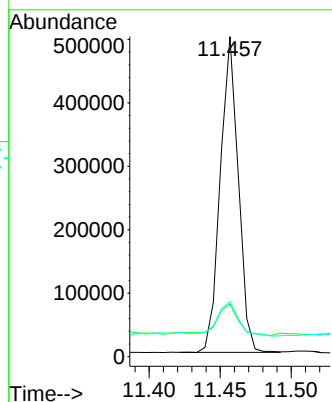
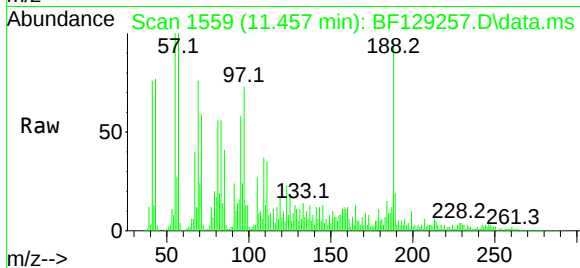
Tgt Ion:188 Resp: 439453

Ion Ratio Lower Upper

188 100

94 16.5 7.0 10.6#

80 17.2 7.6 11.4#



#71

Phenanthrene

Concen: 6.711 ng

RT: 11.480 min Scan# 1563

Delta R.T. 0.024 min

Lab File: BF129257.D

Acq: 16 Jul 2022 01:14

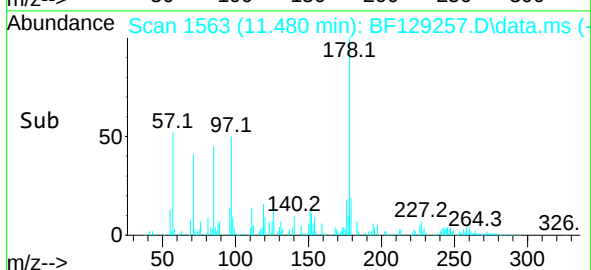
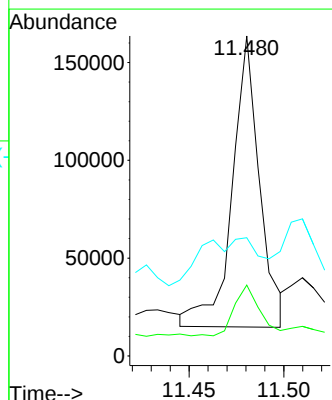
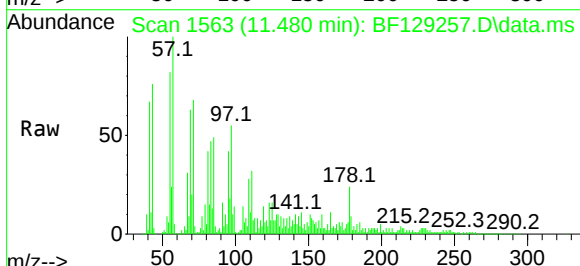
Tgt Ion:178 Resp: 149730

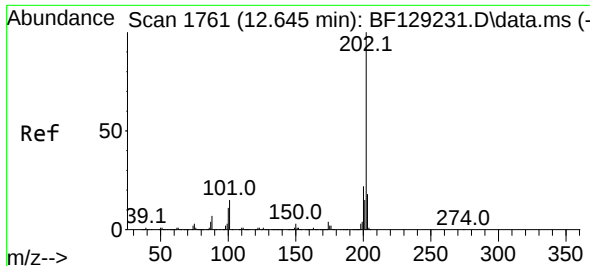
Ion Ratio Lower Upper

178 100

176 22.2 16.0 24.0

179 36.9 12.6 19.0#

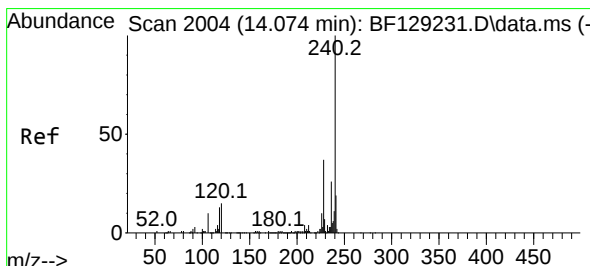
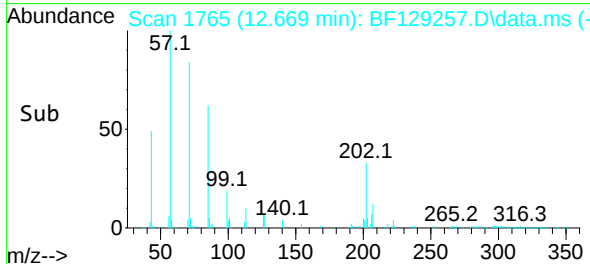
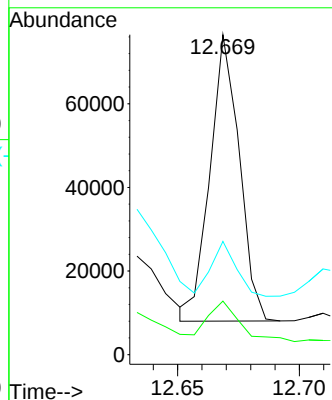
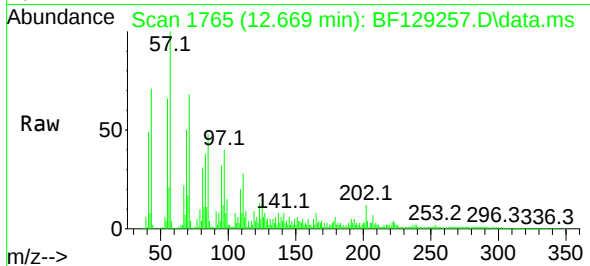




#75
Fluoranthene
Concen: 2.582 ng
RT: 12.669 min Scan# 11
Delta R.T. 0.024 min
Lab File: BF129257.D
Acq: 16 Jul 2022 01:14

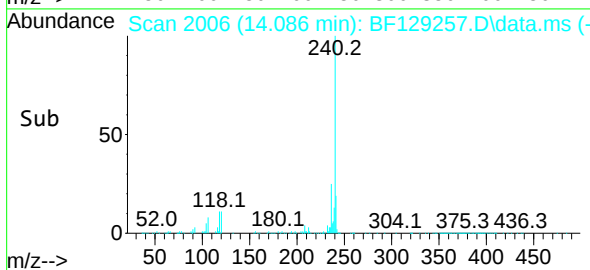
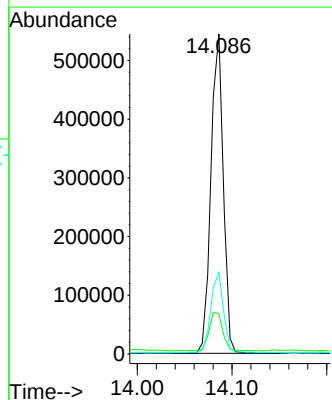
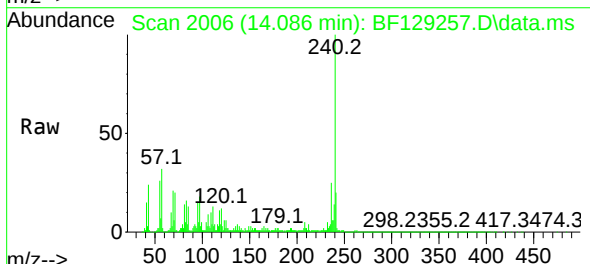
Instrument :
BNA_F
ClientSampleId :
COMP-1

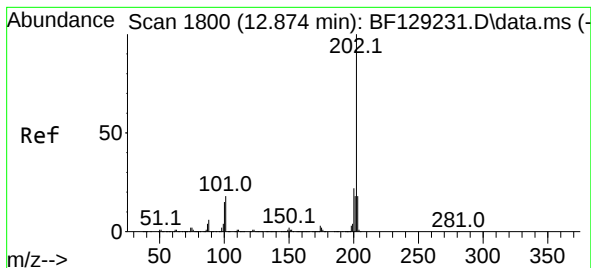
Tgt Ion:202 Resp: 57365
Ion Ratio Lower Upper
202 100
101 16.8 0.0 31.4
203 35.4 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2006
Delta R.T. 0.012 min
Lab File: BF129257.D
Acq: 16 Jul 2022 01:14

Tgt Ion:240 Resp: 493491
Ion Ratio Lower Upper
240 100
120 12.5 8.9 13.3
236 25.5 20.8 31.2





#78

Pyrene

Concen: 3.112 ng

RT: 12.898 min Scan# 1804

Delta R.T. 0.024 min

Lab File: BF129257.D

Acq: 16 Jul 2022 01:14

Instrument :

BNA_F

ClientSampleId :

COMP-1

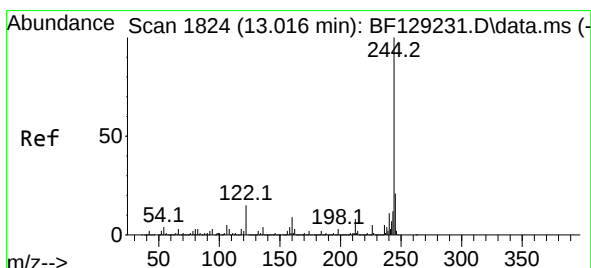
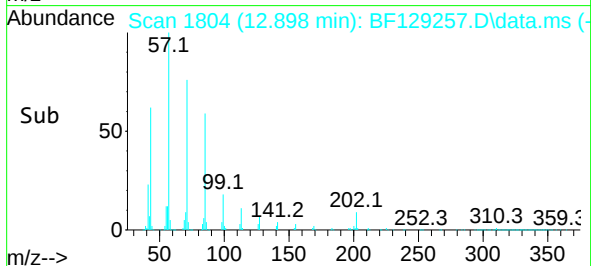
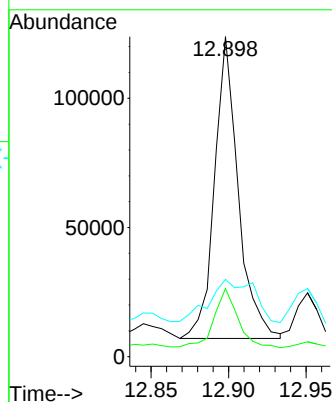
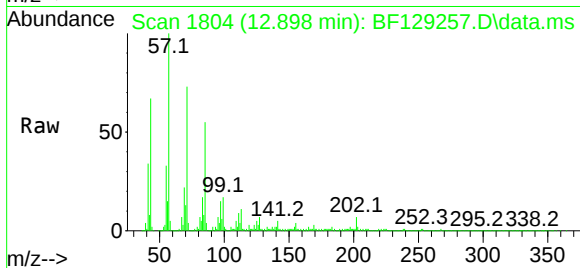
Tgt Ion:202 Resp: 124369

Ion Ratio Lower Upper

202 100

200 21.3 17.7 26.5

203 24.2 14.6 21.8#



#79

Terphenyl-d14

Concen: 8.288 ng

RT: 13.027 min Scan# 1826

Delta R.T. 0.012 min

Lab File: BF129257.D

Acq: 16 Jul 2022 01:14

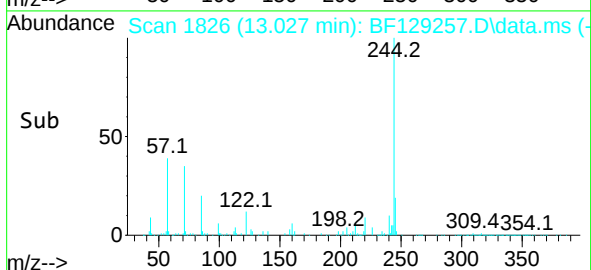
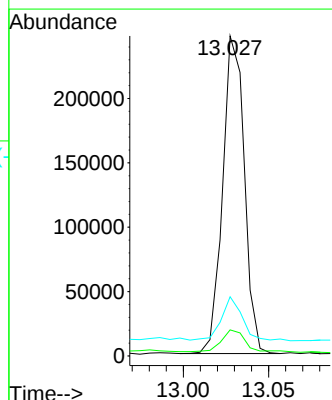
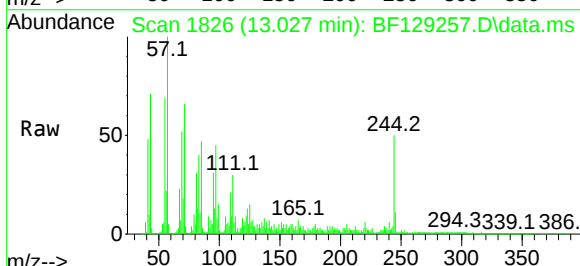
Tgt Ion:244 Resp: 218646

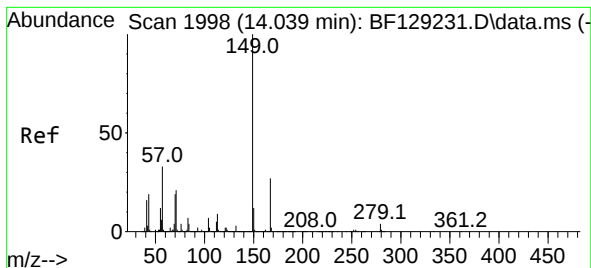
Ion Ratio Lower Upper

244 100

212 8.2 6.1 9.1

122 18.5 8.8 13.2#





#84

Bis(2-ethylhexyl)phthalate

Concen: 17.031 ng

RT: 14.057 min Scan# 2001

Delta R.T. 0.018 min

Lab File: BF129257.D

Acq: 16 Jul 2022 01:14

Instrument :

BNA_F

ClientSampleId :

COMP-1

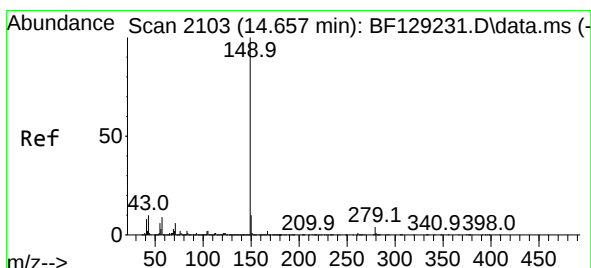
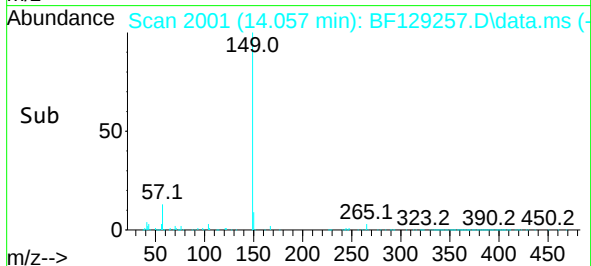
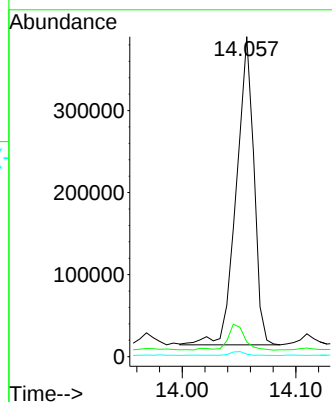
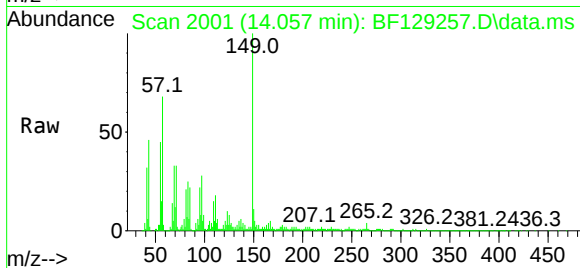
Tgt Ion:149 Resp: 403448

Ion Ratio Lower Upper

149 100

167 4.6 21.0 31.4#

279 0.8 3.1 4.7#



#85

Di-n-octyl phthalate

Concen: 17.257 ng

RT: 14.663 min Scan# 2104

Delta R.T. 0.006 min

Lab File: BF129257.D

Acq: 16 Jul 2022 01:14

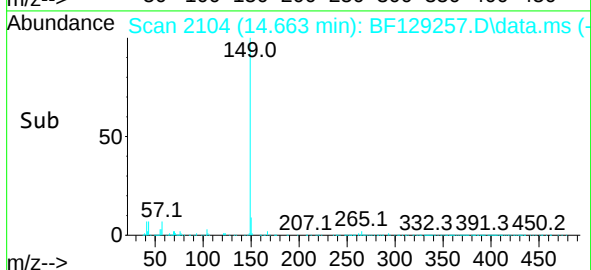
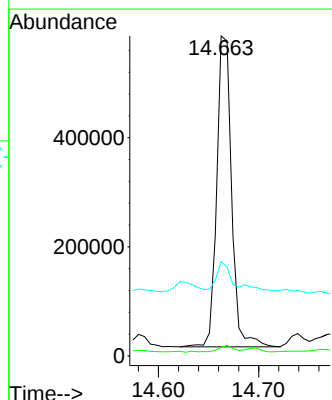
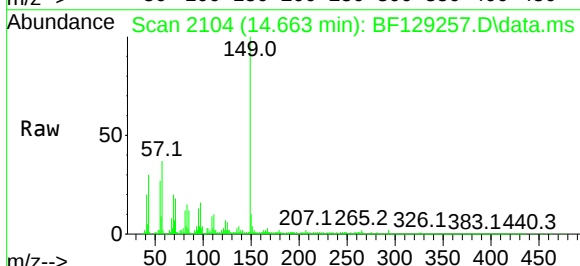
Tgt Ion:149 Resp: 586357

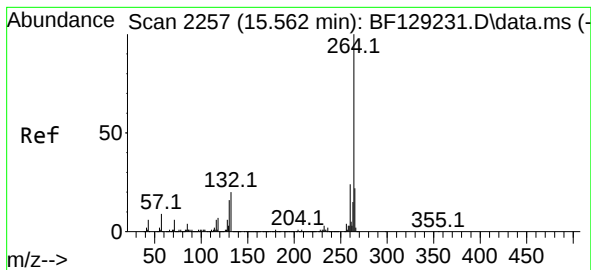
Ion Ratio Lower Upper

149 100

167 2.0 1.3 1.9#

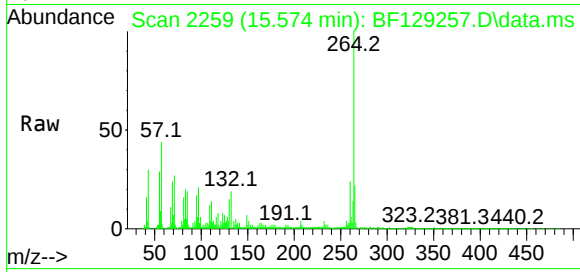
43 9.9 9.2 13.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF129257.D
Acq: 16 Jul 2022 01:14

Instrument :
BNA_F
ClientSampleId :
COMP-1



Tgt Ion:264 Resp: 363716
Ion Ratio Lower Upper
264 100
260 24.0 18.4 27.6
265 22.2 17.2 25.8

