

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
 Data File : BF129744.D
 Acq On : 12 Aug 2022 15:05
 Operator : CG\JU
 Sample : N4151-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 348

Quant Time: Aug 12 15:55:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 12 15:52:45 2022
 Response via : Initial Calibration

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

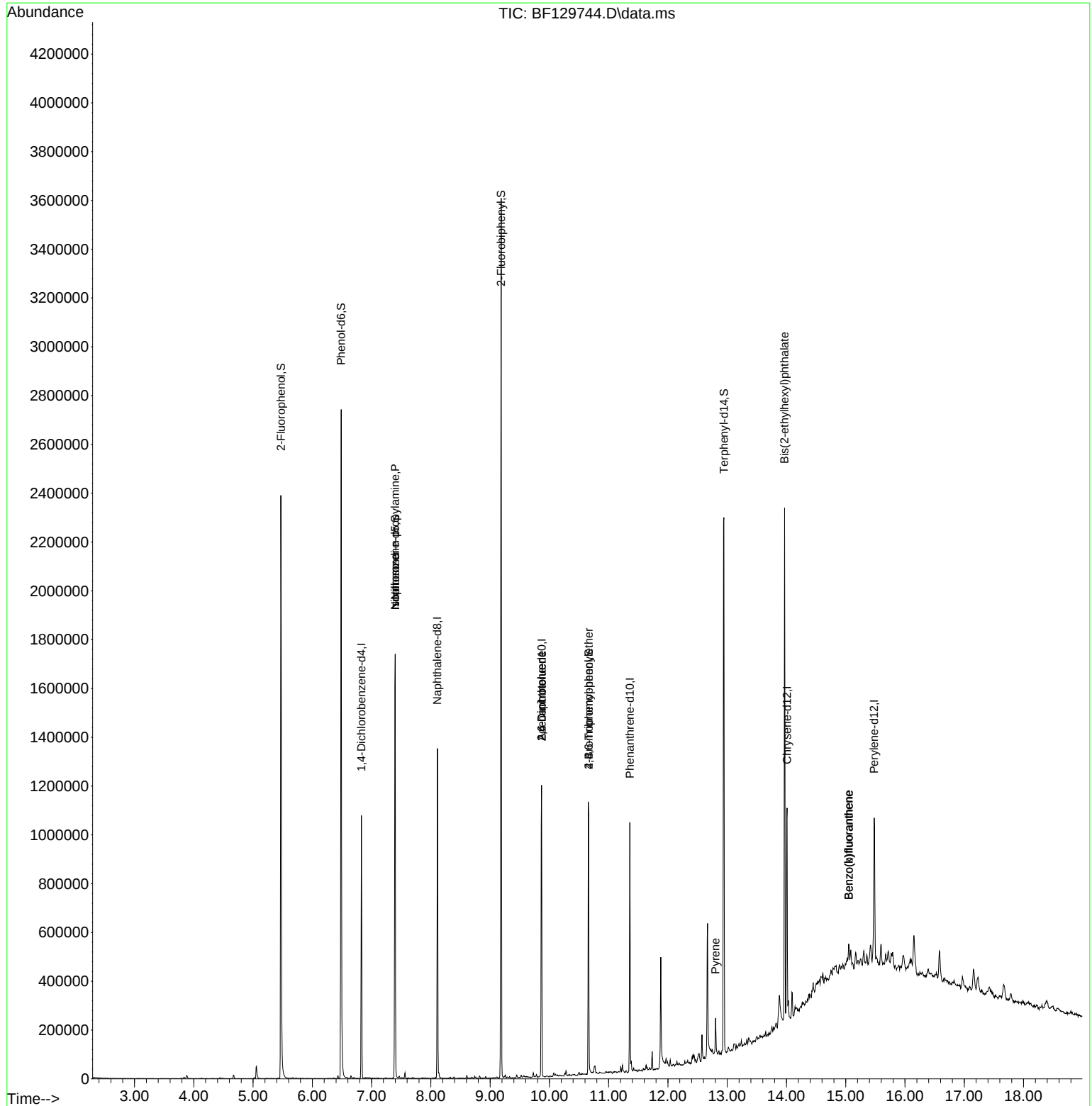
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	141016	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	530242	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	237320	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	321491	20.000	ng	0.00
76) Chrysene-d12	14.010	240	288068	20.000	ng	0.00
86) Perylene-d12	15.480	264	266987	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	664974	76.817	ng	0.00
7) Phenol-d6	6.487	99	838870	77.096	ng	0.00
23) Nitrobenzene-d5	7.398	82	554717	57.108	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	130490	57.191	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	982764	64.061	ng	0.00
79) Terphenyl-d14	12.945	244	784023	51.346	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	73407	11.144	ng	# 70
25) Isophorone	7.398	82	554711	31.859	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	30089	8.206	ng	# 25
57) 2,4-Dinitrotoluene	9.869	165	30089	6.281	ng	# 21
67) 4-Bromophenyl-phenylether	10.663	248	7987	2.269	ng	# 1
78) Pyrene	12.804	202	49252	2.045	ng	97
84) Bis(2-ethylhexyl)phtha...	13.968	149	529103	38.464	ng	99
88) Benzo(b)fluoranthene	15.051	252	47877	2.703	ng	# 62
89) Benzo(k)fluoranthene	15.051	252	47877	2.759	ng	# 63

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

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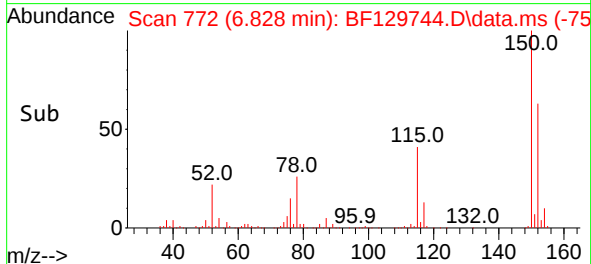
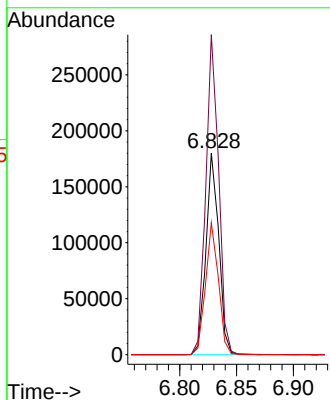
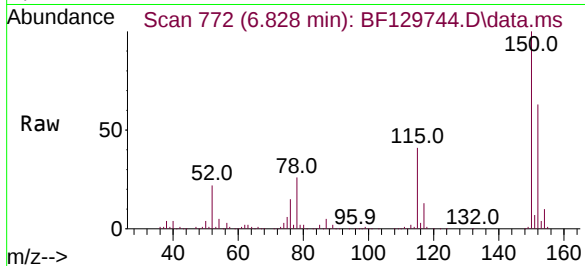




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129744.D
 Acq: 12 Aug 2022 15:05

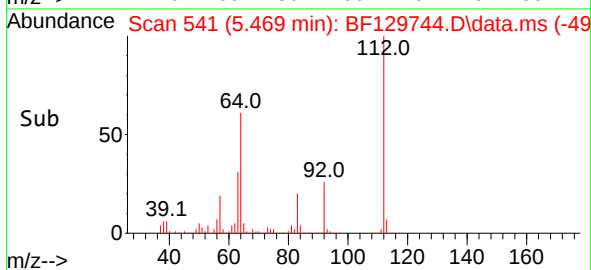
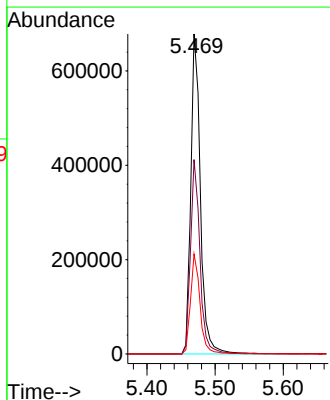
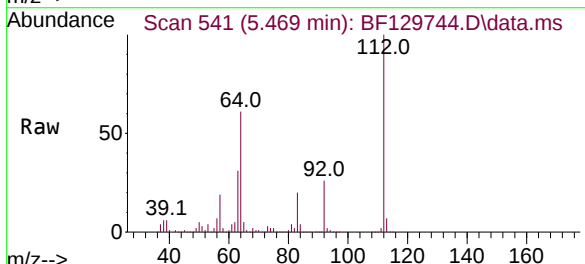
Instrument :
 BNA_F
 ClientSampleId :
 348

Tgt Ion:152 Resp: 141016
 Ion Ratio Lower Upper
 152 100
 150 158.7 123.7 185.5
 115 65.5 49.9 74.9



#5
 2-Fluorophenol
 Concen: 76.817 ng
 RT: 5.469 min Scan# 541
 Delta R.T. -0.000 min
 Lab File: BF129744.D
 Acq: 12 Aug 2022 15:05

Tgt Ion:112 Resp: 664974
 Ion Ratio Lower Upper
 112 100
 64 60.8 53.3 79.9
 63 31.2 28.0 42.0

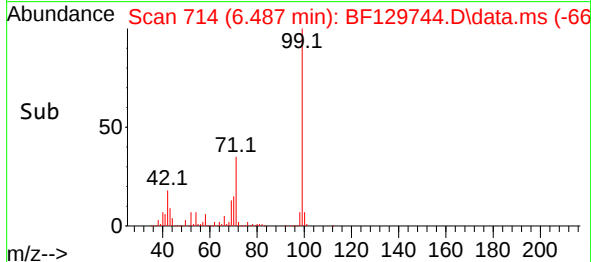
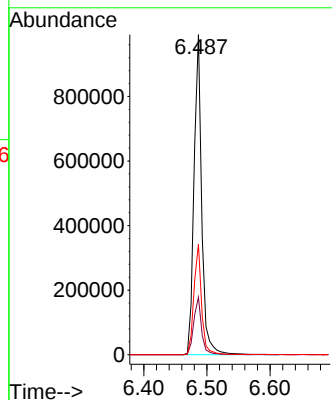
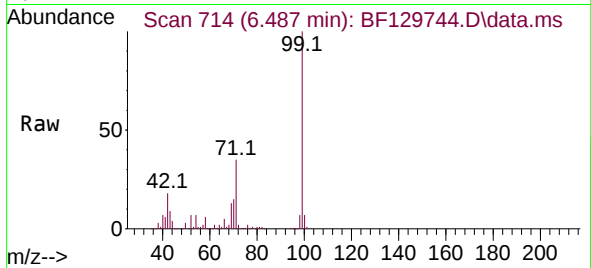




#7
Phenol-d6
Concen: 77.096 ng
RT: 6.487 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129744.D
Acq: 12 Aug 2022 15:05

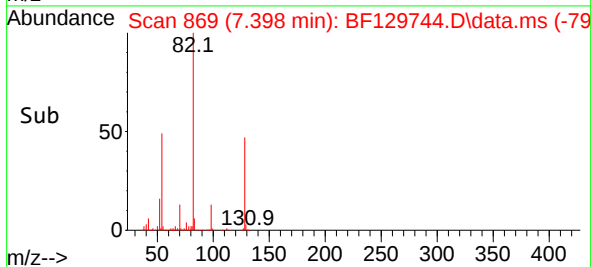
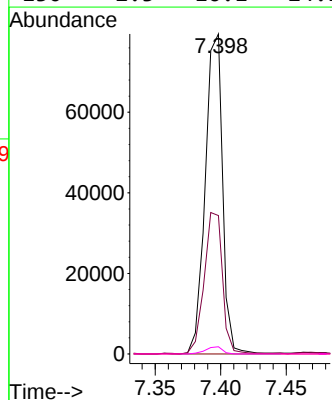
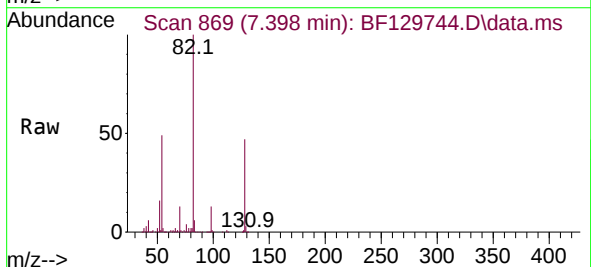
Instrument :
BNA_F
ClientSampleId :
348

Tgt Ion: 99 Resp: 838870
Ion Ratio Lower Upper
99 100
42 18.0 17.3 25.9
71 34.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.144 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.147 min
Lab File: BF129744.D
Acq: 12 Aug 2022 15:05

Tgt Ion: 70 Resp: 73407
Ion Ratio Lower Upper
70 100
42 43.3 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#



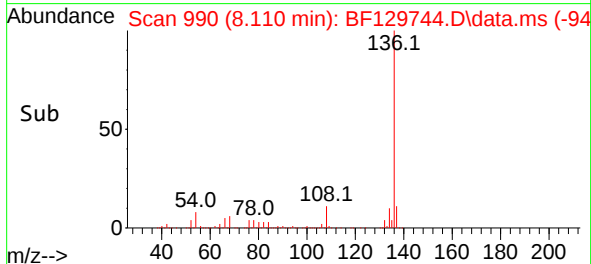
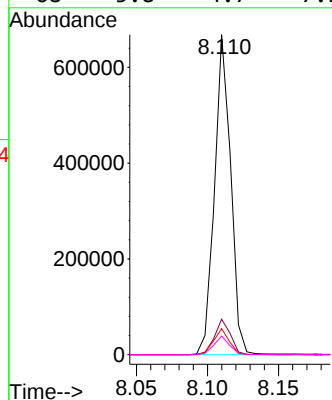
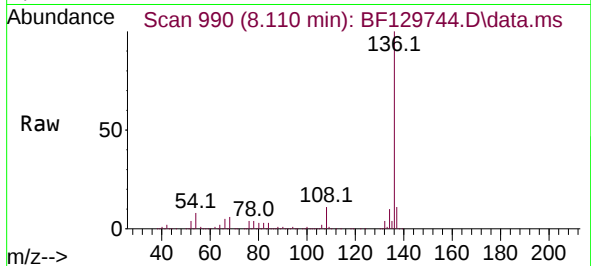


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF129744.D
Acq: 12 Aug 2022 15:05

Instrument :
BNA_F
ClientSampleId :
348

Tgt Ion:136 Resp: 530242

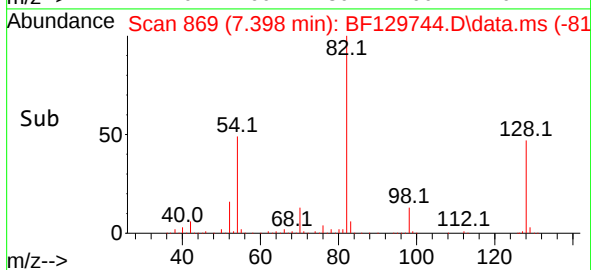
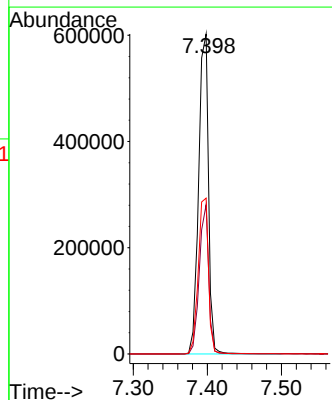
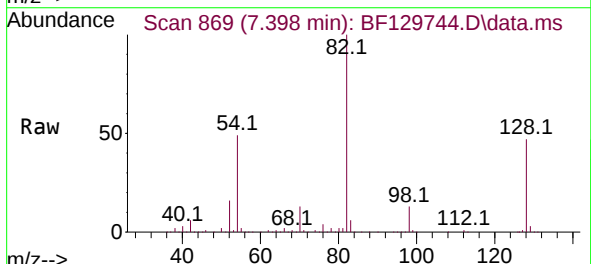
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.1	7.5	11.3
68	5.8	4.7	7.1



#23
Nitrobenzene-d5
Concen: 57.108 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF129744.D
Acq: 12 Aug 2022 15:05

Tgt Ion: 82 Resp: 554717

Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.0	51.0
54	48.7	46.9	70.3

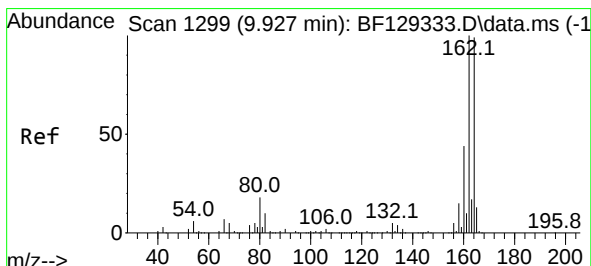
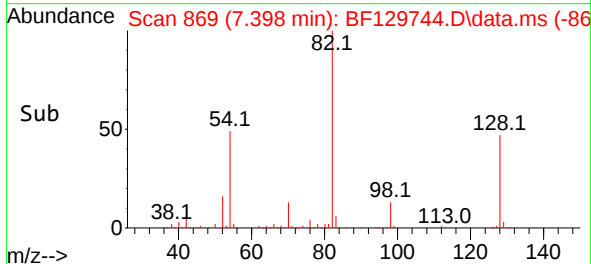
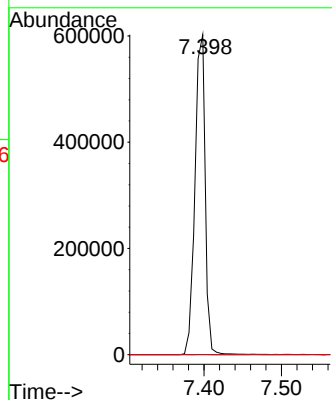
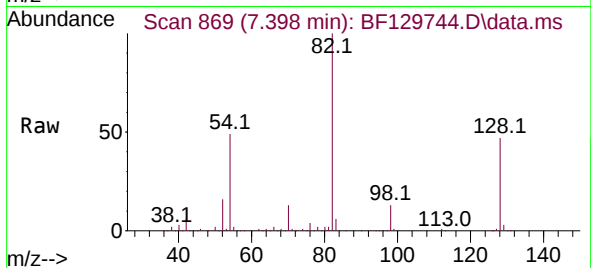




#25
Isophorone
Concen: 31.859 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.259 min
Lab File: BF129744.D
Acq: 12 Aug 2022 15:05

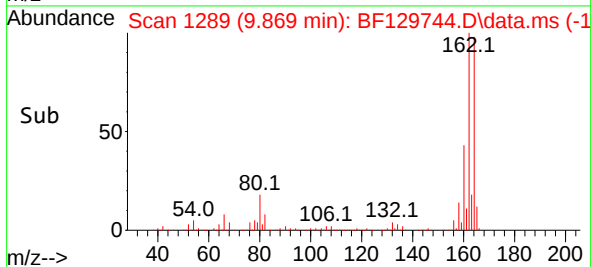
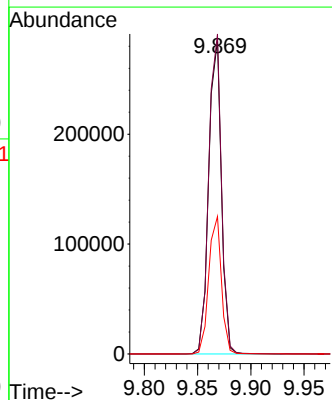
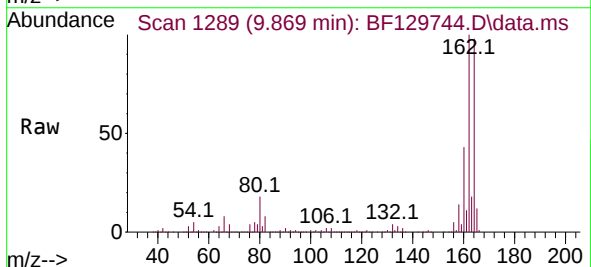
Instrument :
BNA_F
ClientSampleId :
348

Tgt Ion: 82 Resp: 554711
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: 9.869 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF129744.D
Acq: 12 Aug 2022 15:05

Tgt Ion:164 Resp: 237320
Ion Ratio Lower Upper
164 100
162 101.9 79.5 119.3
160 43.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 57.191 ng

RT: 10.663 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129744.D

Acq: 12 Aug 2022 15:05

Instrument :

BNA_F

ClientSampleId :

348

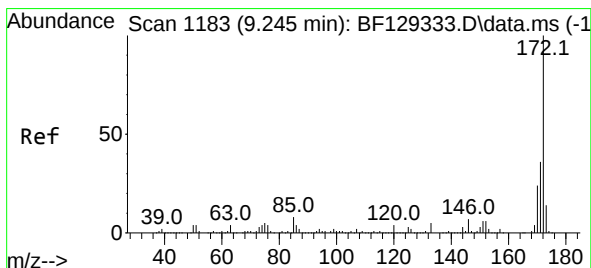
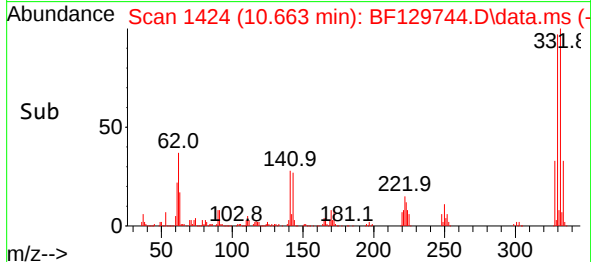
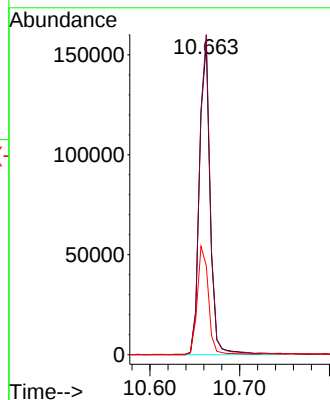
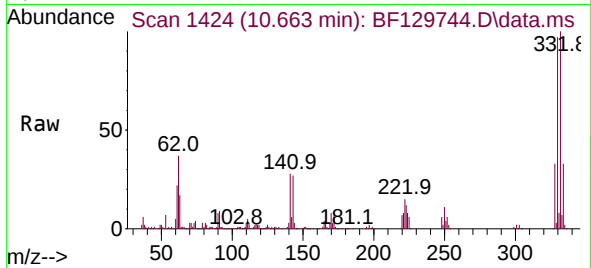
Tgt Ion:330 Resp: 130490

Ion Ratio Lower Upper

330 100

332 101.3 76.8 115.2

141 36.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 64.061 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF129744.D

Acq: 12 Aug 2022 15:05

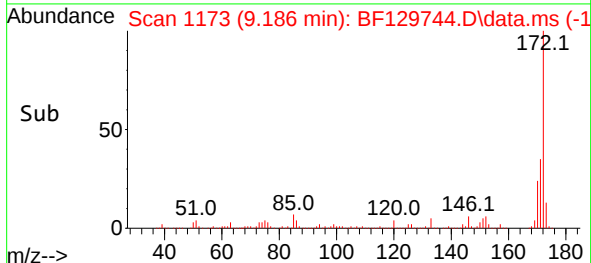
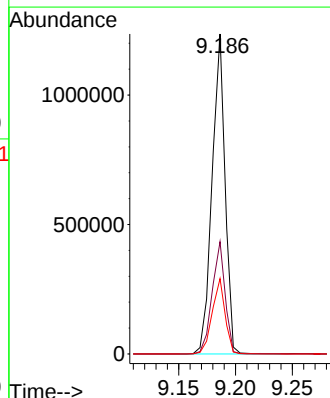
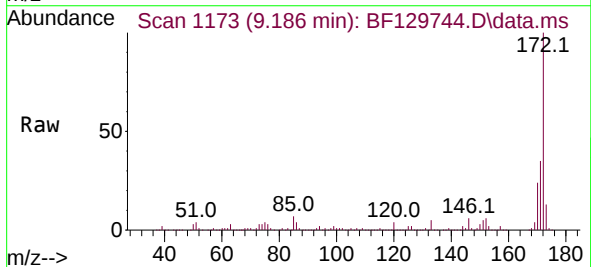
Tgt Ion:172 Resp: 982764

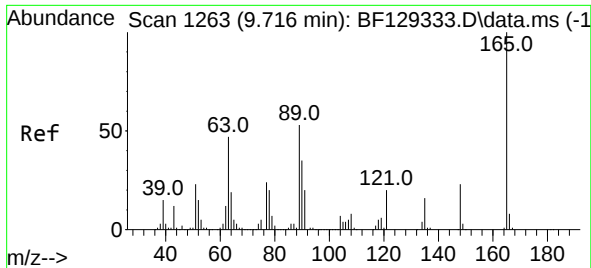
Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.5 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.206 ng

RT: 9.869 min Scan# 1289

Delta R.T. 0.206 min

Lab File: BF129744.D

Acq: 12 Aug 2022 15:05

Instrument :

BNA_F

ClientSampleId :

348

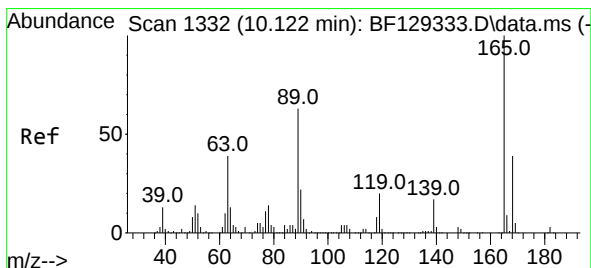
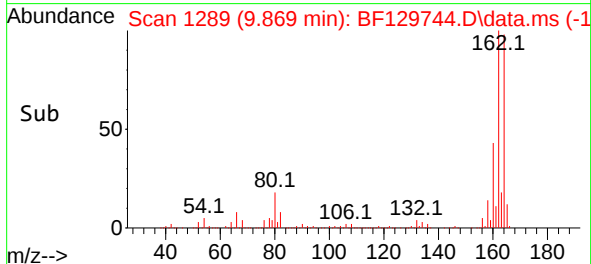
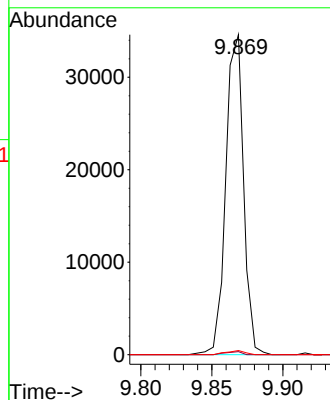
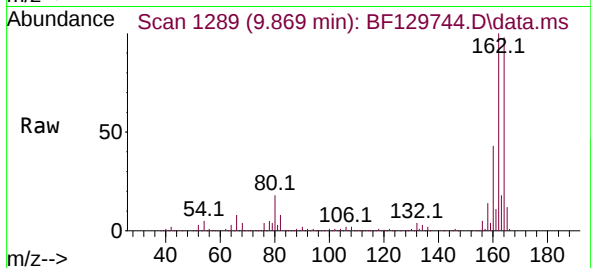
Tgt Ion:165 Resp: 30089

Ion Ratio Lower Upper

165 100

63 0.9 44.9 67.3#

89 1.3 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.281 ng

RT: 9.869 min Scan# 1289

Delta R.T. -0.200 min

Lab File: BF129744.D

Acq: 12 Aug 2022 15:05

Tgt Ion:165 Resp: 30089

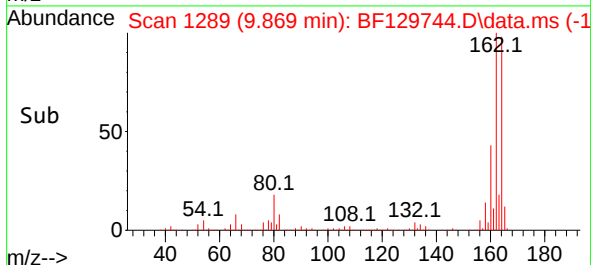
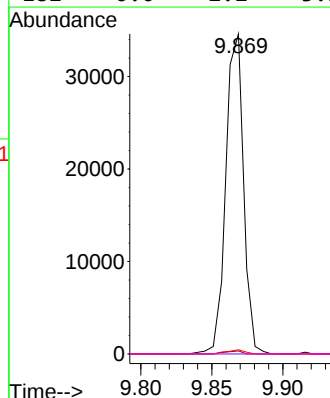
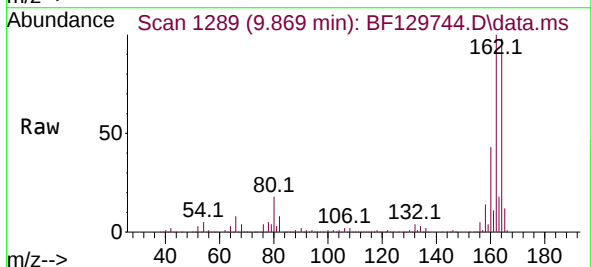
Ion Ratio Lower Upper

165 100

63 0.9 39.8 59.6#

89 1.3 60.2 90.2#

182 0.0 2.2 3.2#

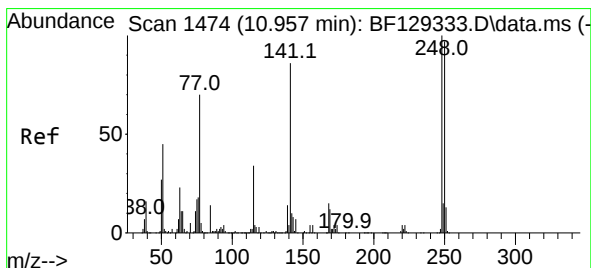
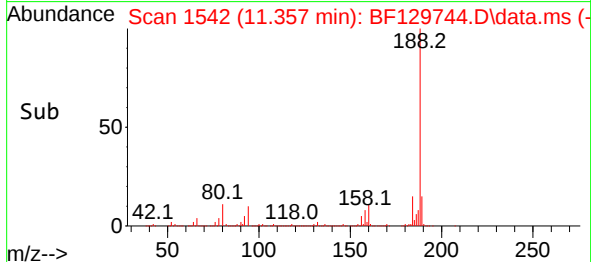
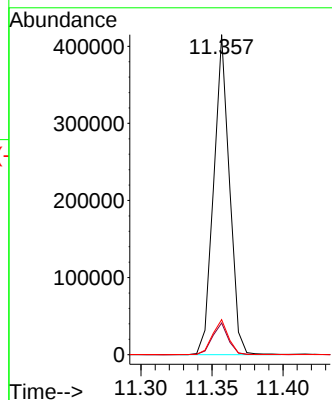
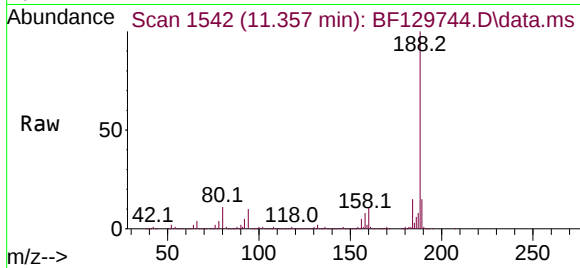




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129744.D
Acq: 12 Aug 2022 15:05

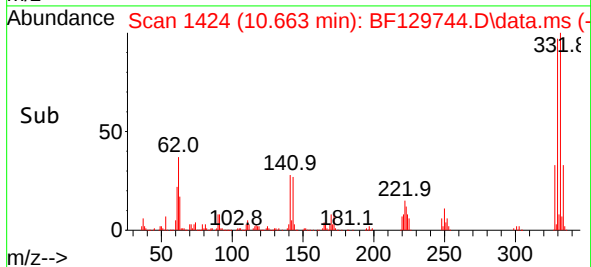
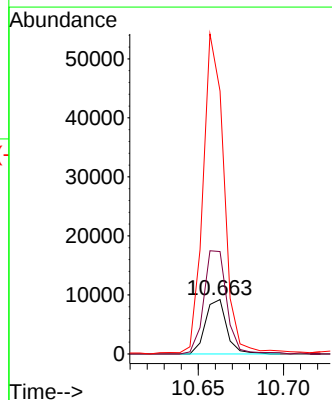
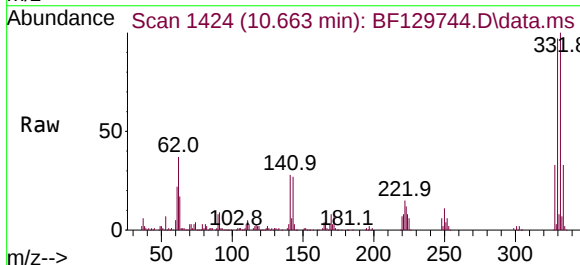
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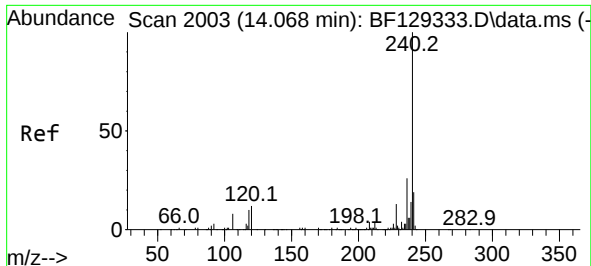
Tgt Ion:188 Resp: 321491
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.9 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 2.269 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.235 min
Lab File: BF129744.D
Acq: 12 Aug 2022 15:05

Tgt Ion:248 Resp: 7987
Ion Ratio Lower Upper
248 100
250 188.3 80.6 120.8#
141 483.4 58.9 88.3#

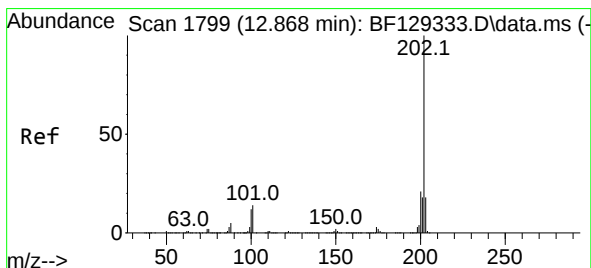
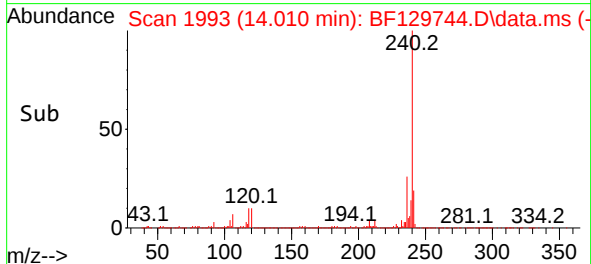
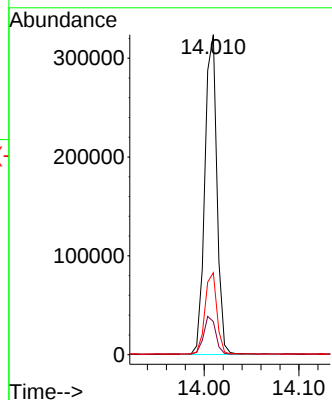
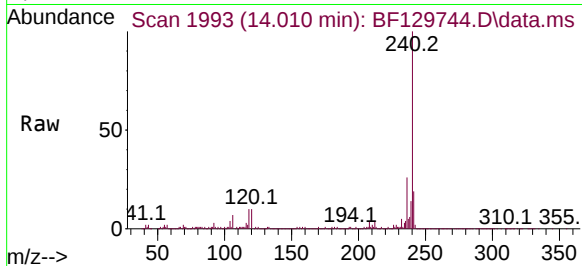




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF129744.D
Acq: 12 Aug 2022 15:05

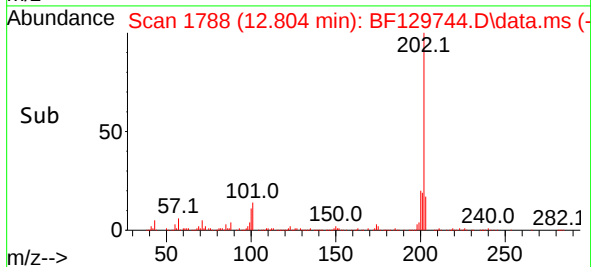
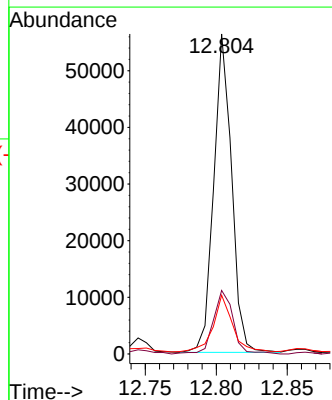
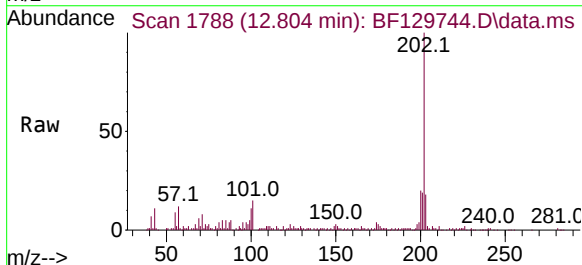
Instrument :
BNA_F
ClientSampleId :
348

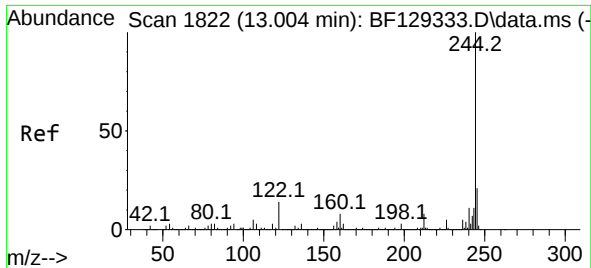
Tgt Ion:240 Resp: 288068
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 25.6 20.8 31.2



#78
Pyrene
Concen: 2.045 ng
RT: 12.804 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF129744.D
Acq: 12 Aug 2022 15:05

Tgt Ion:202 Resp: 49252
Ion Ratio Lower Upper
202 100
200 19.9 17.7 26.5
203 18.4 14.6 21.8

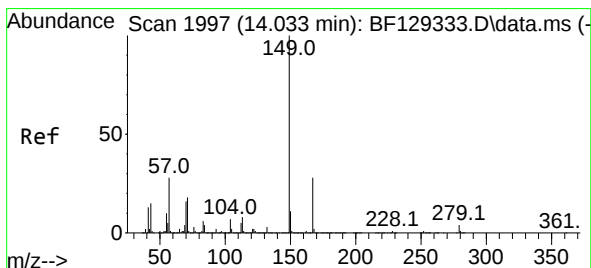
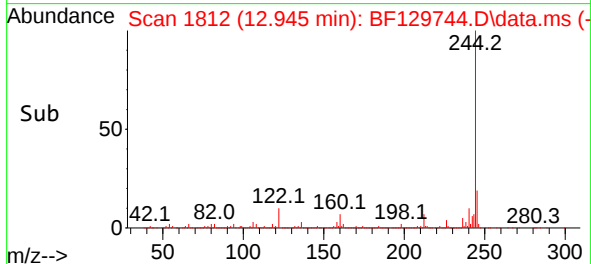
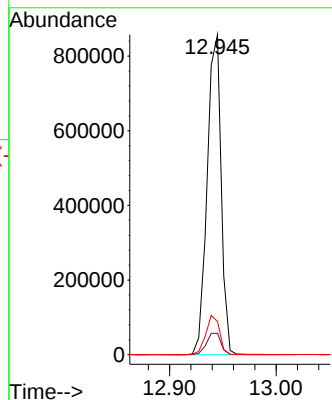
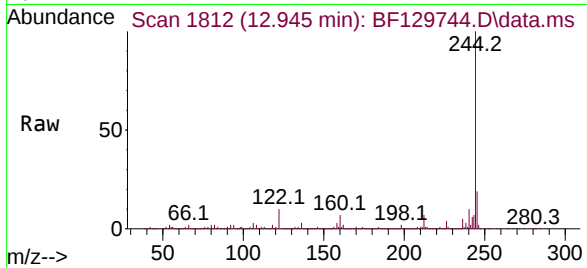




#79
 Terphenyl-d14
 Concen: 51.346 ng
 RT: 12.945 min Scan# 1812
 Delta R.T. -0.000 min
 Lab File: BF129744.D
 Acq: 12 Aug 2022 15:05

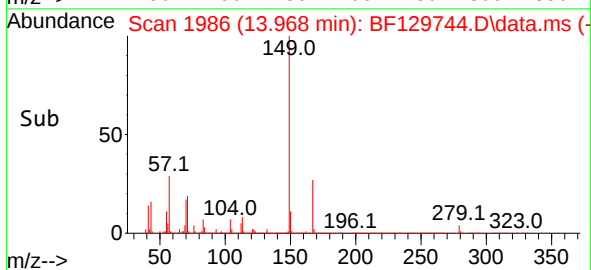
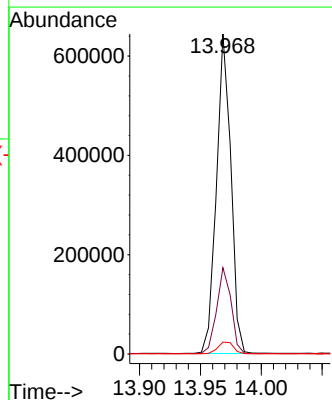
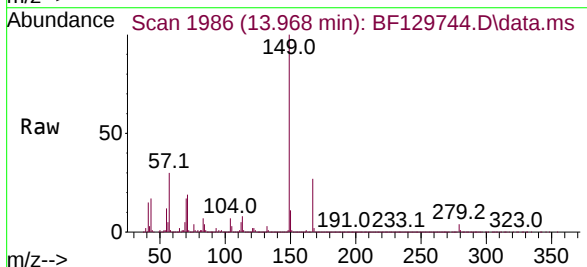
Instrument :
 BNA_F
 ClientSampleId :
 348

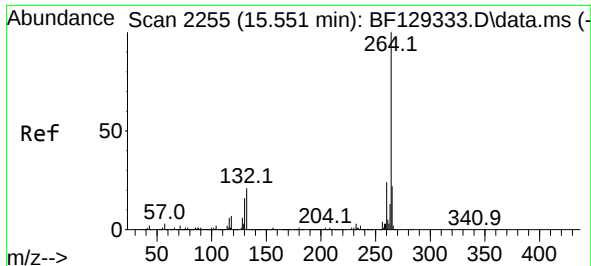
Tgt Ion:244 Resp: 784023
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.1 9.1
 122 10.4 8.8 13.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.464 ng
 RT: 13.968 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: BF129744.D
 Acq: 12 Aug 2022 15:05

Tgt Ion:149 Resp: 529103
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.0 31.4
 279 3.7 3.1 4.7

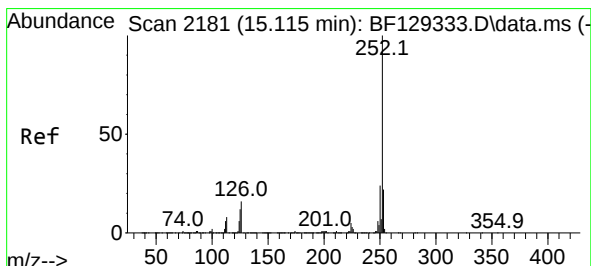
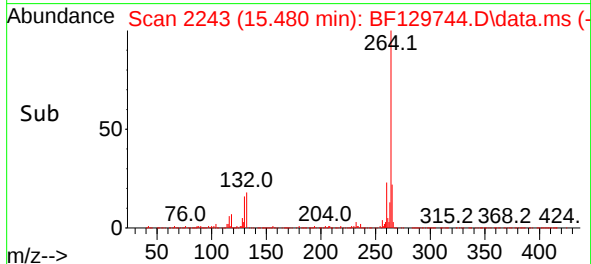
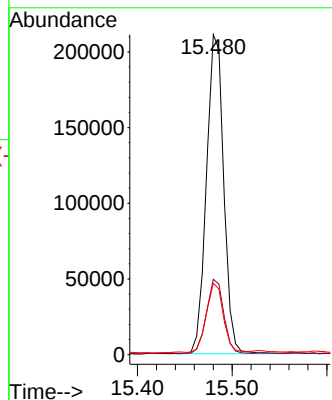
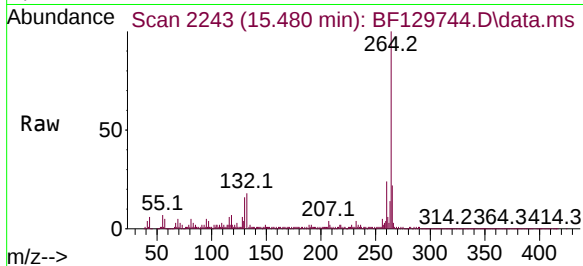




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2170
Delta R.T. -0.000 min
Lab File: BF129744.D
Acq: 12 Aug 2022 15:05

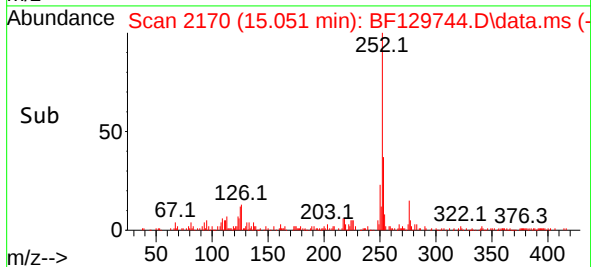
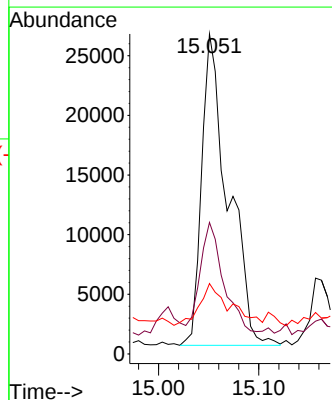
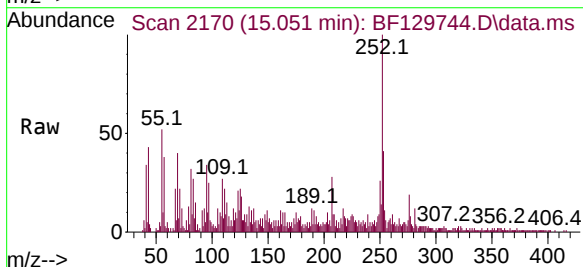
Instrument :
BNA_F
ClientSampleId :
348

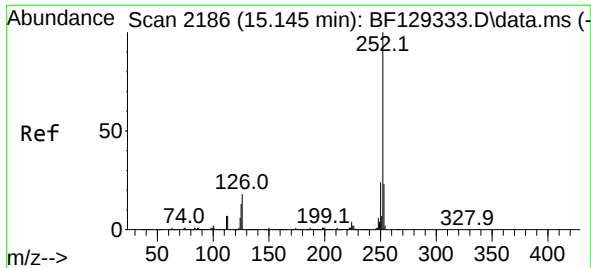
Tgt Ion:264 Resp: 266987
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 22.3 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 2.703 ng
RT: 15.051 min Scan# 2170
Delta R.T. -0.000 min
Lab File: BF129744.D
Acq: 12 Aug 2022 15:05

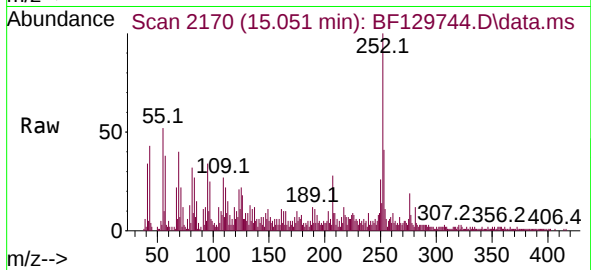
Tgt Ion:252 Resp: 47877
Ion Ratio Lower Upper
252 100
253 41.1 17.7 26.5#
125 22.0 8.0 12.0#





#89
Benzo(k)fluoranthene
Concen: 2.759 ng
RT: 15.051 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF129744.D
Acq: 12 Aug 2022 15:05

Instrument :
BNA_F
ClientSampleId :
348



Tgt Ion:252 Resp: 47877
Ion Ratio Lower Upper
252 100
253 41.1 17.8 26.6#
125 22.0 8.3 12.5#

