

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072622\
 Data File : BF129363.D
 Acq On : 26 Jul 2022 19:24
 Operator : CG\JU
 Sample : N3886-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WH-1

Quant Time: Jul 27 00:40:53 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)

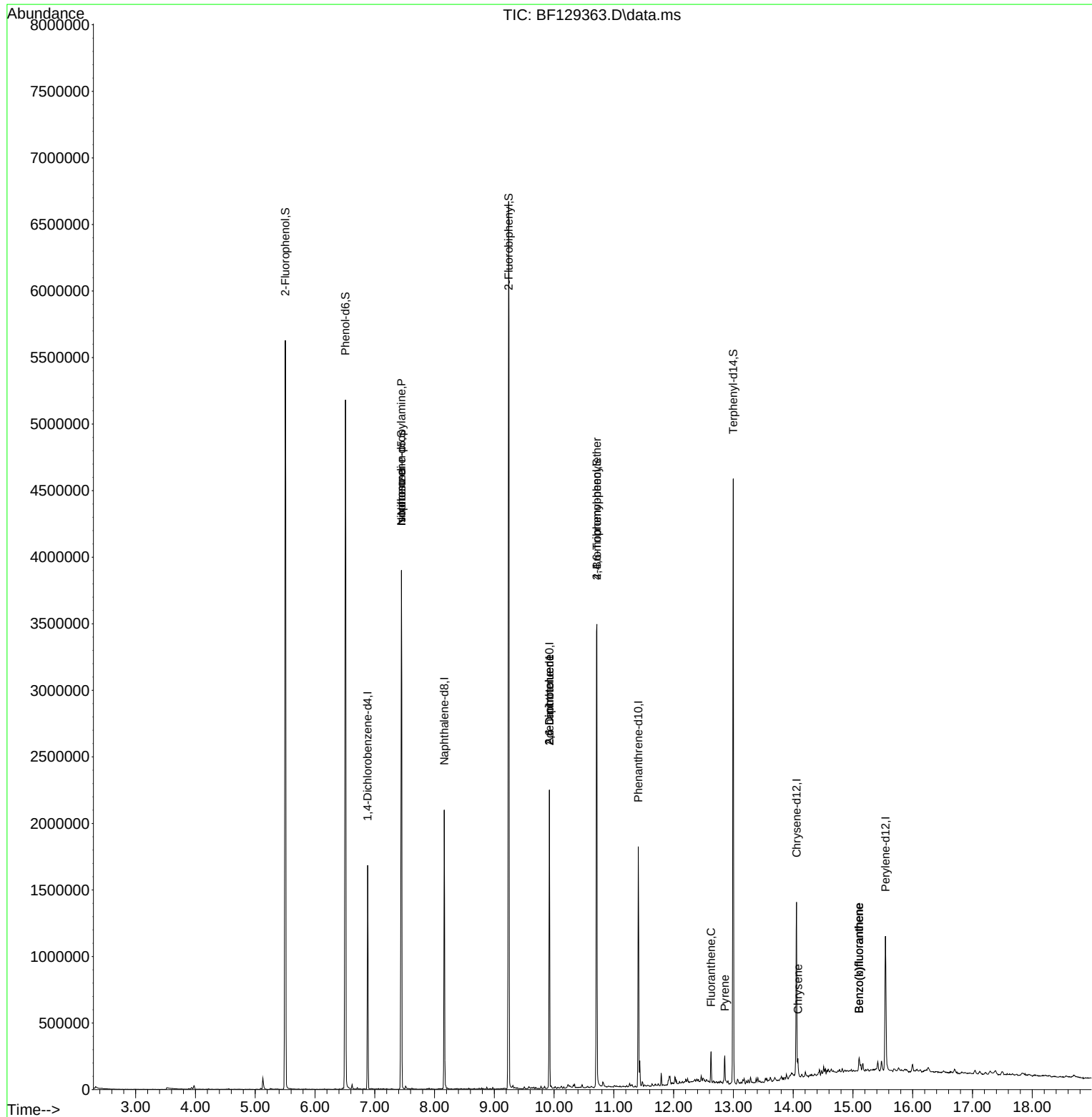
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	218907	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	842183	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	411987	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	577304	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	413084	20.000	ng	-0.01
86) Perylene-d12	15.545	264	456340	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1688899	125.680	ng	0.00
7) Phenol-d6	6.510	99	2121737	125.614	ng	0.00
23) Nitrobenzene-d5	7.445	82	1332901	86.396	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	434891	109.795	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2115338	79.428	ng	0.00
79) Terphenyl-d14	12.998	244	1453136	66.366	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	176276	17.239	ng	# 73
25) Isophorone	7.445	82	1332883	48.198	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	53569	8.415	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	53569	6.442	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	27826	4.402	ng	# 1
75) Fluoranthene	12.627	202	78532	2.459	ng	99
78) Pyrene	12.857	202	79609	2.305	ng	98
83) Chrysene	14.080	228	55100	2.072	ng	99
88) Benzo(b)fluoranthene	15.104	252	69207	2.286	ng	# 94
89) Benzo(k)fluoranthene	15.104	252	69207	2.333	ng	# 95

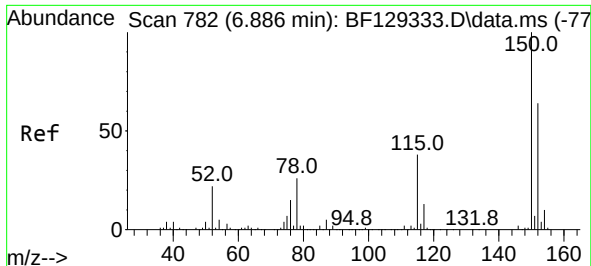
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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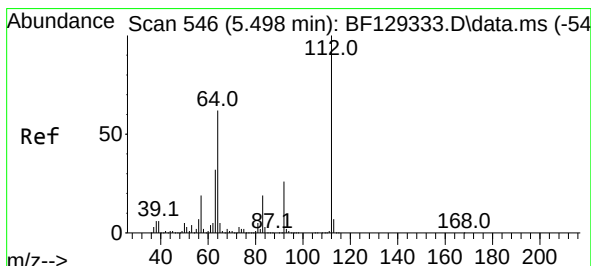
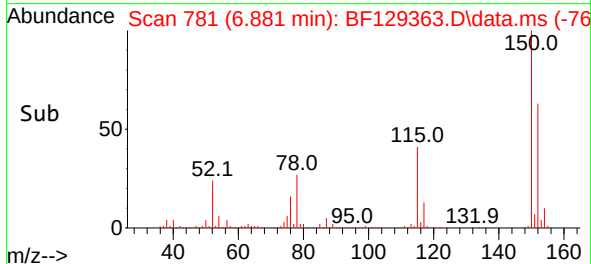
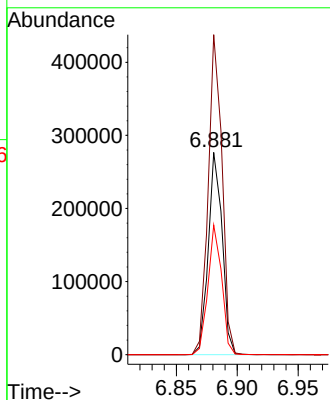
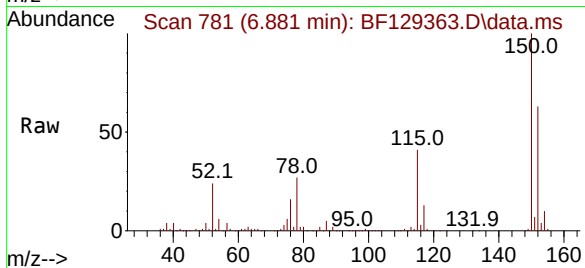




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129363.D
 Acq: 26 Jul 2022 19:24

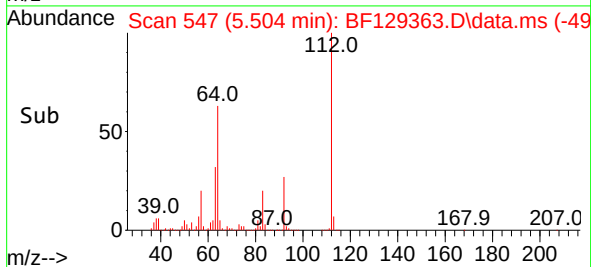
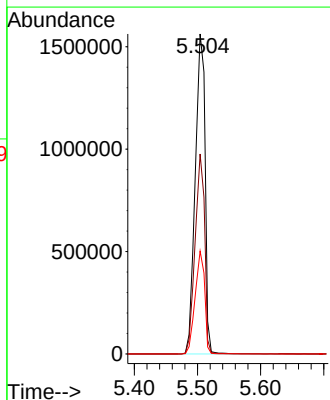
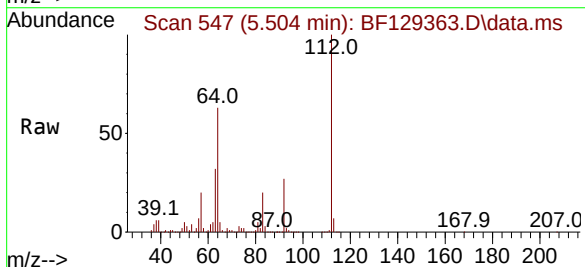
Instrument :
 BNA_F
 ClientSampleId :
 WH-1

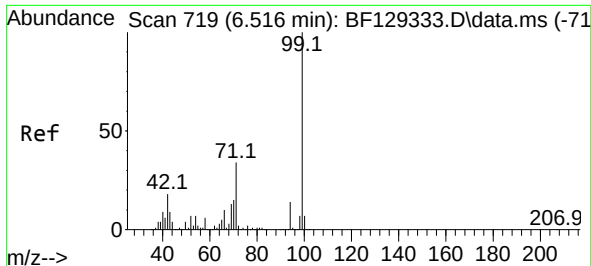
Tgt Ion:152 Resp: 218907
 Ion Ratio Lower Upper
 152 100
 150 158.2 123.7 185.5
 115 64.1 49.9 74.9



#5
 2-Fluorophenol
 Concen: 125.680 ng
 RT: 5.504 min Scan# 547
 Delta R.T. 0.006 min
 Lab File: BF129363.D
 Acq: 26 Jul 2022 19:24

Tgt Ion:112 Resp: 1688899
 Ion Ratio Lower Upper
 112 100
 64 62.5 53.3 79.9
 63 32.2 28.0 42.0



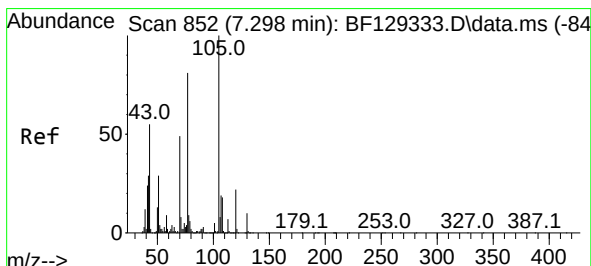
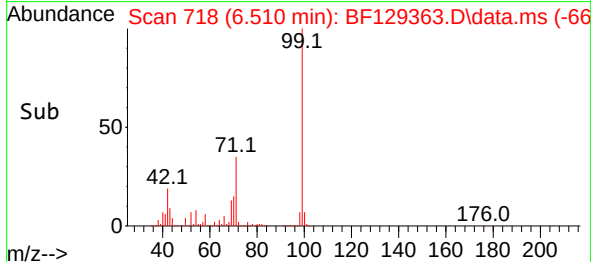
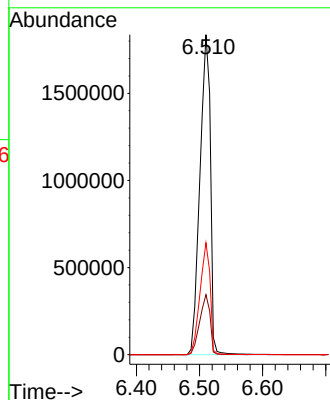
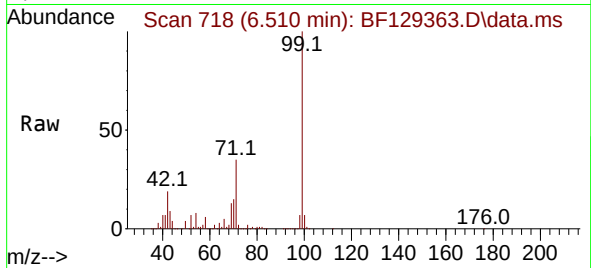


#7
Phenol-d6
Concen: 125.614 ng
RT: 6.510 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129363.D
Acq: 26 Jul 2022 19:24

Instrument :
BNA_F
ClientSampleId :
WH-1

Tgt Ion: 99 Resp: 2121737

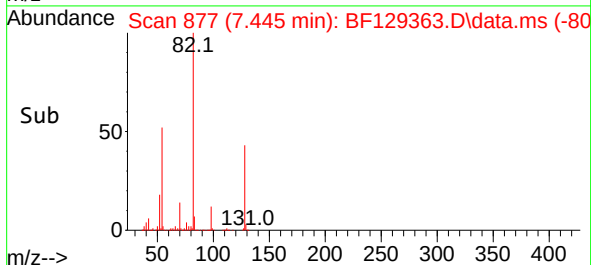
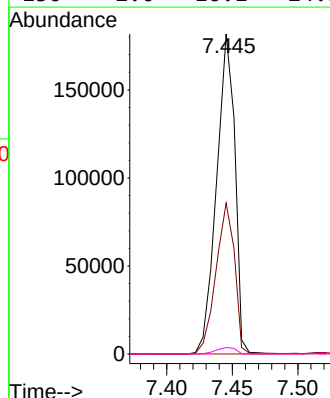
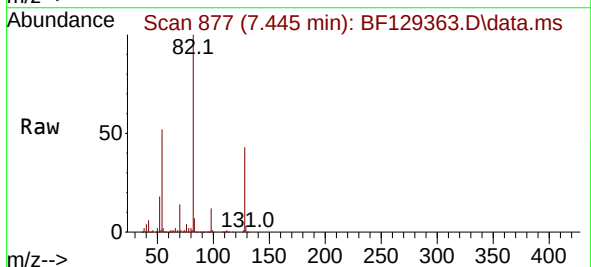
Ion	Ratio	Lower	Upper
99	100		
42	18.8	17.3	25.9
71	34.9	28.9	43.3

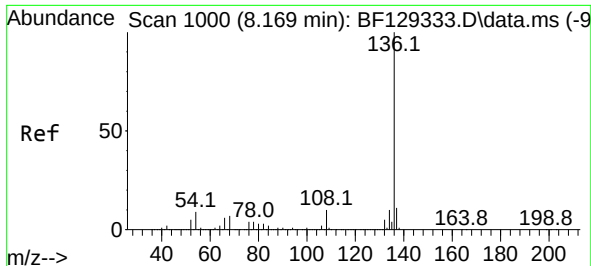


#19
n-Nitroso-di-n-propylamine
Concen: 17.239 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.147 min
Lab File: BF129363.D
Acq: 26 Jul 2022 19:24

Tgt Ion: 70 Resp: 176276

Ion	Ratio	Lower	Upper
70	100		
42	47.2	52.3	78.5#
101	0.0	7.5	11.3#
130	2.0	16.1	24.1#



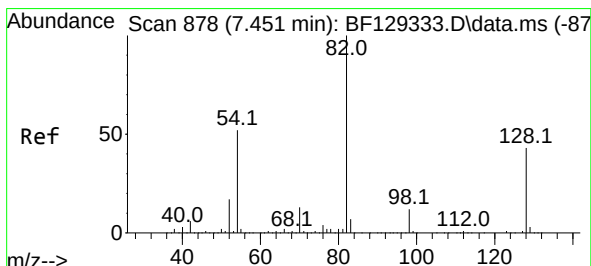
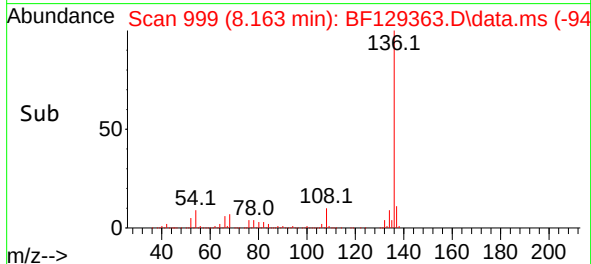
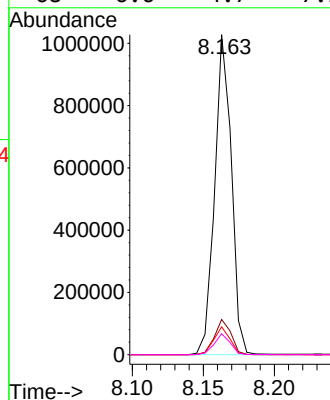
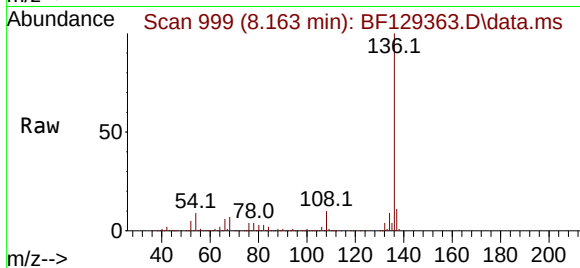


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF129363.D
Acq: 26 Jul 2022 19:24

Instrument :
BNA_F
ClientSampleId :
WH-1

Tgt Ion:136 Resp: 842183

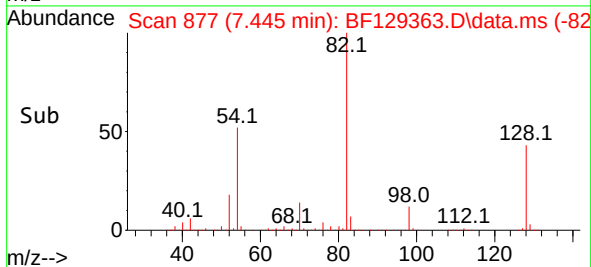
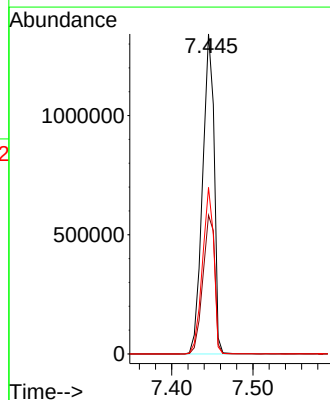
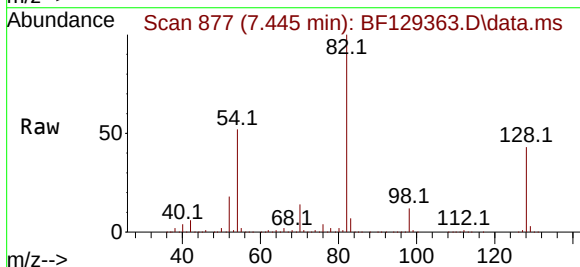
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.7	7.5	11.3
68	6.6	4.7	7.1

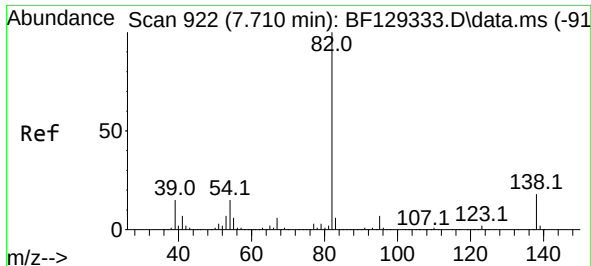


#23
Nitrobenzene-d5
Concen: 86.396 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF129363.D
Acq: 26 Jul 2022 19:24

Tgt Ion: 82 Resp: 1332901

Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.0	51.0
54	52.0	46.9	70.3





#25

Isophorone

Concen: 48.198 ng

RT: 7.445 min Scan# 81

Delta R.T. -0.265 min

Lab File: BF129363.D

Acq: 26 Jul 2022 19:24

Instrument :

BNA_F

ClientSampleId :

WH-1

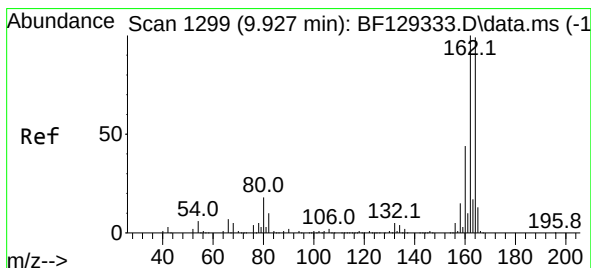
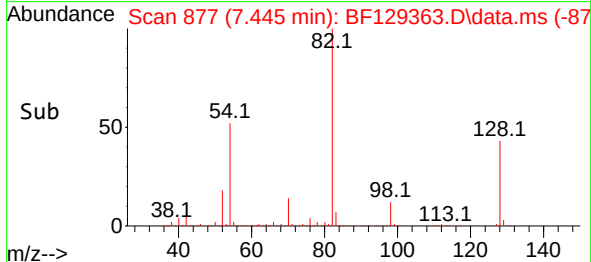
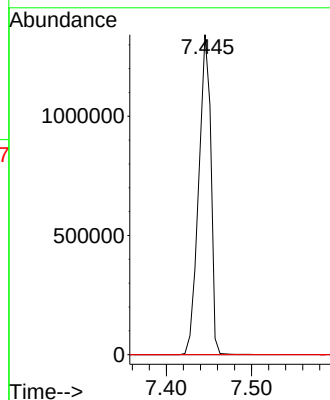
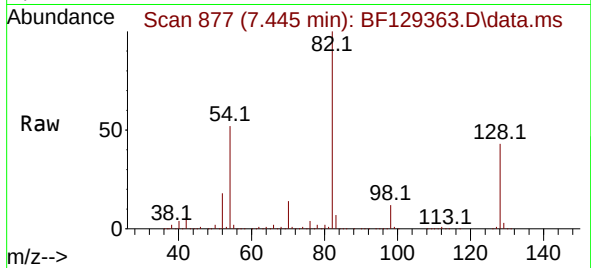
Tgt Ion: 82 Resp: 1332883

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# 1298

Delta R.T. -0.006 min

Lab File: BF129363.D

Acq: 26 Jul 2022 19:24

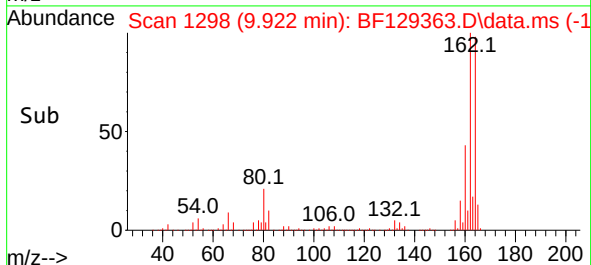
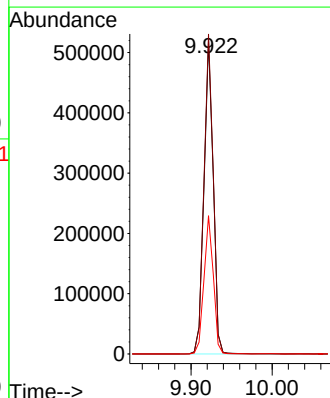
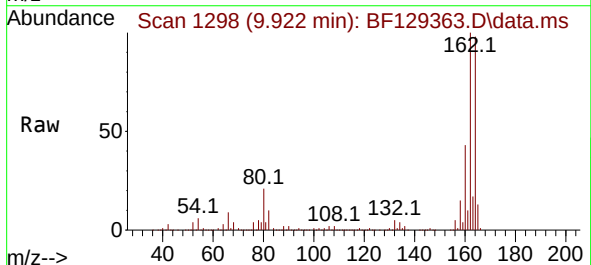
Tgt Ion:164 Resp: 411987

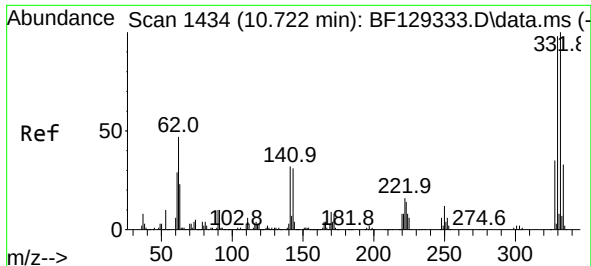
Ion Ratio Lower Upper

164 100

162 102.2 79.5 119.3

160 44.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 109.795 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.006 min

Lab File: BF129363.D

Acq: 26 Jul 2022 19:24

Instrument :

BNA_F

ClientSampleId :

WH-1

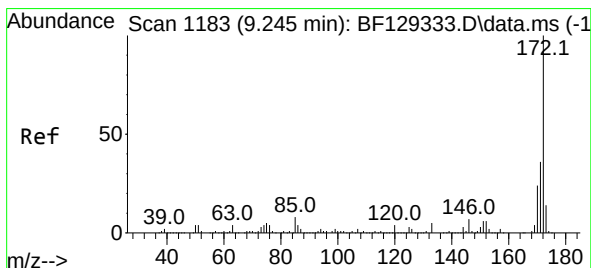
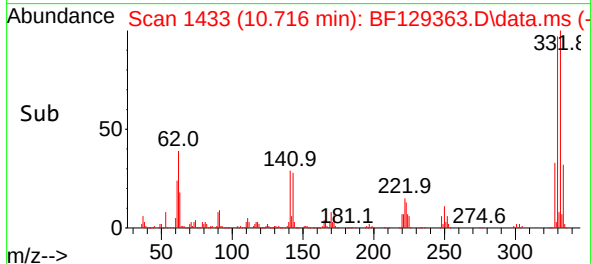
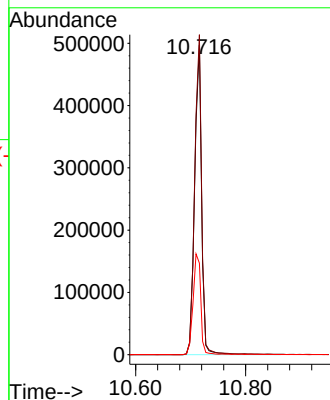
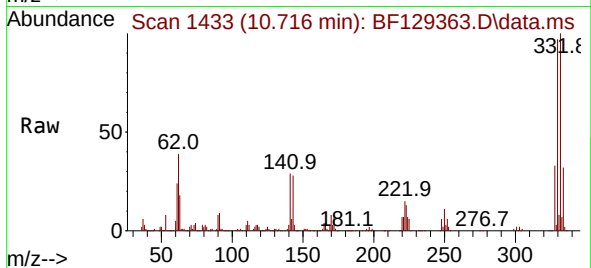
Tgt Ion:330 Resp: 434891

Ion Ratio Lower Upper

330 100

332 102.6 76.8 115.2

141 36.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 79.428 ng

RT: 9.239 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF129363.D

Acq: 26 Jul 2022 19:24

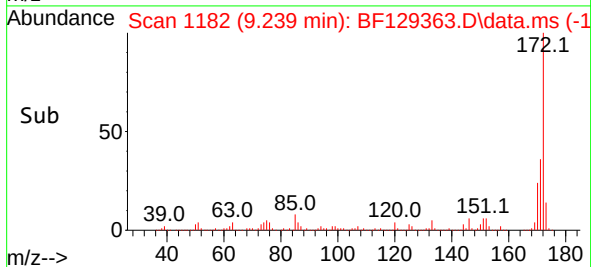
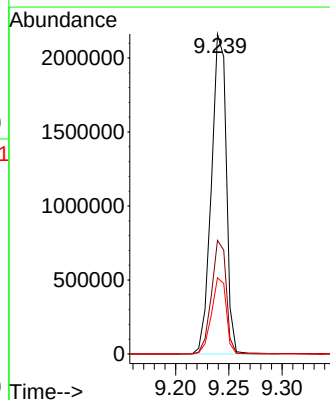
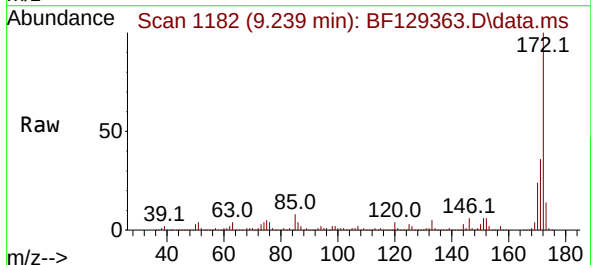
Tgt Ion:172 Resp: 2115338

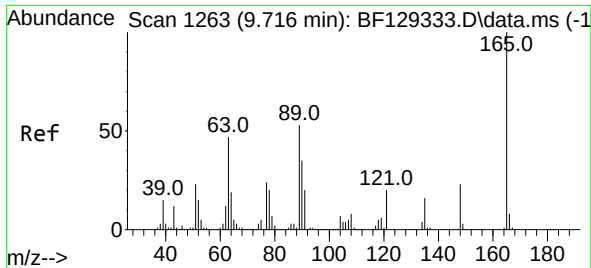
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.8 19.8 29.8

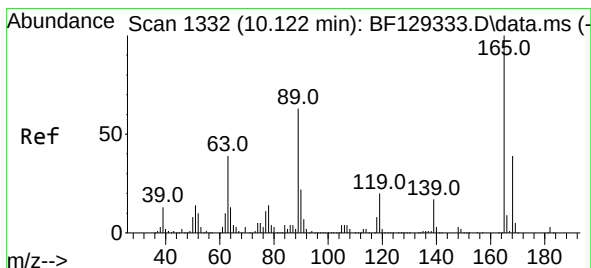
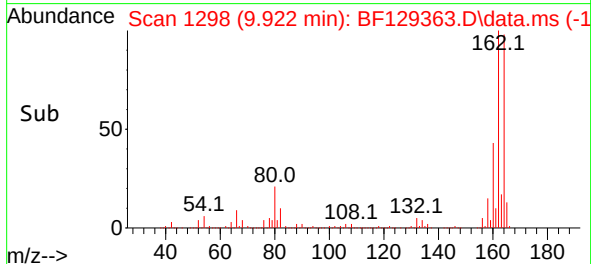
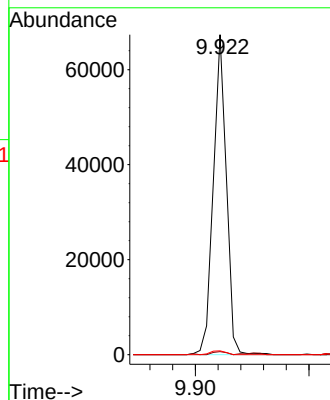
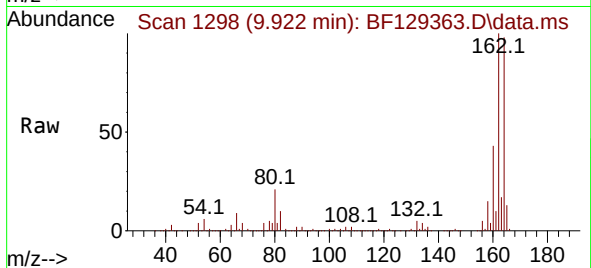




#51
2,6-Dinitrotoluene
Concen: 8.415 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.206 min
Lab File: BF129363.D
Acq: 26 Jul 2022 19:24

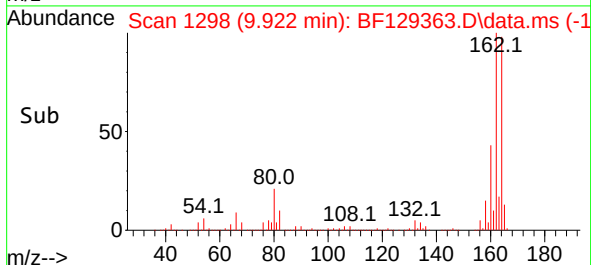
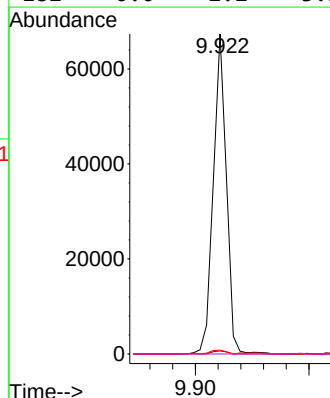
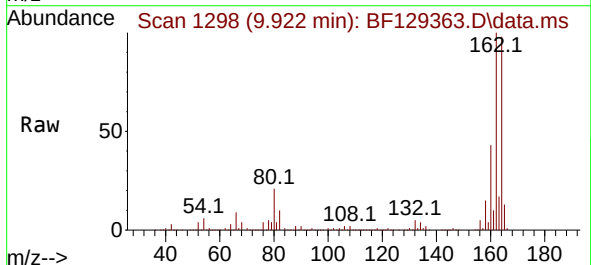
Instrument :
BNA_F
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WH-1

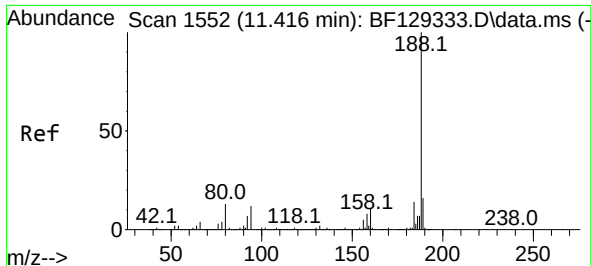
Tgt Ion:165 Resp: 53569
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 1.2 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.442 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.200 min
Lab File: BF129363.D
Acq: 26 Jul 2022 19:24

Tgt Ion:165 Resp: 53569
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#

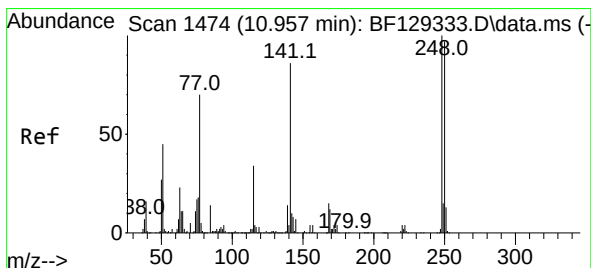
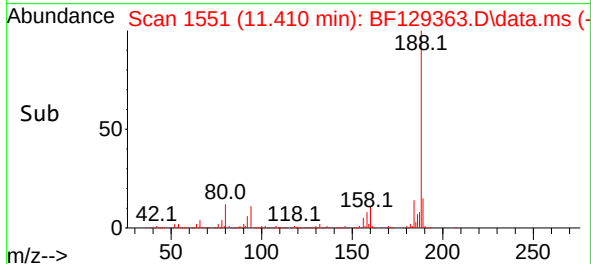
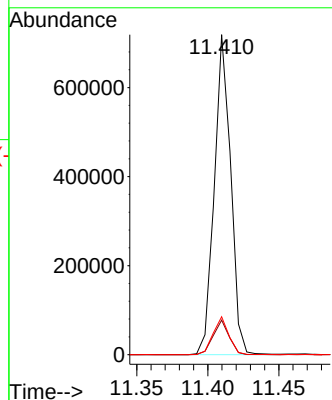
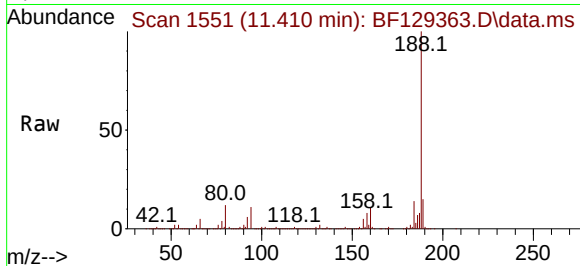




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129363.D
Acq: 26 Jul 2022 19:24

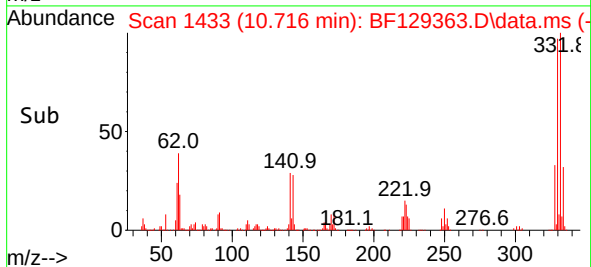
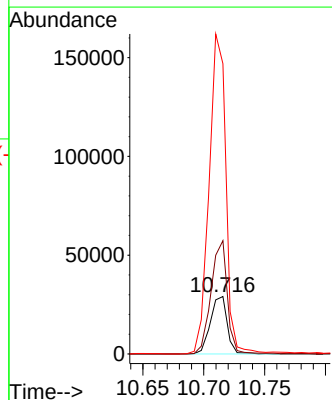
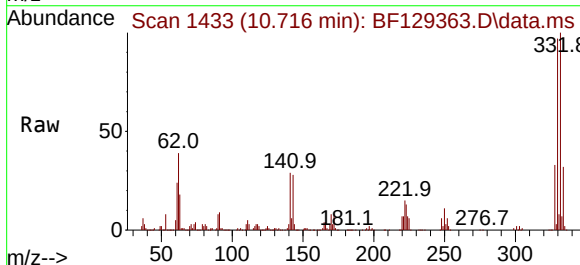
Instrument :
BNA_F
ClientSampleId :
WH-1

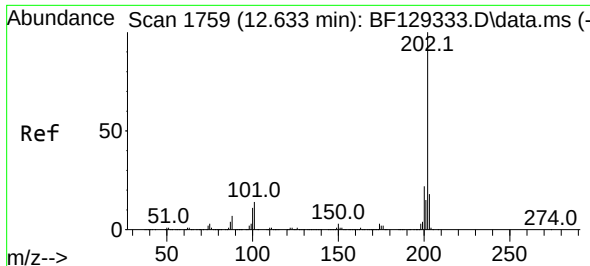
Tgt Ion:188 Resp: 577304
Ion Ratio Lower Upper
188 100
94 10.8 7.0 10.6#
80 11.9 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 4.402 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF129363.D
Acq: 26 Jul 2022 19:24

Tgt Ion:248 Resp: 27826
Ion Ratio Lower Upper
248 100
250 197.4 80.6 120.8#
141 505.7 58.9 88.3#

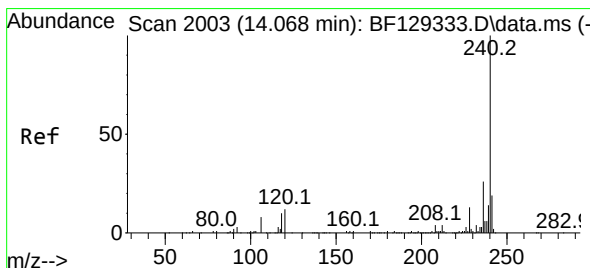
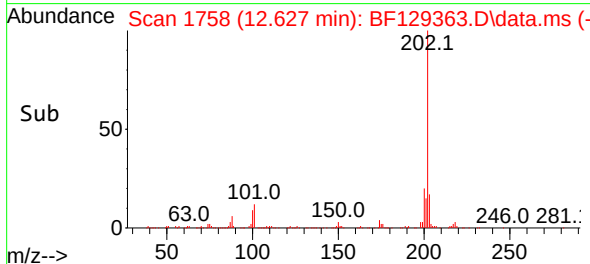
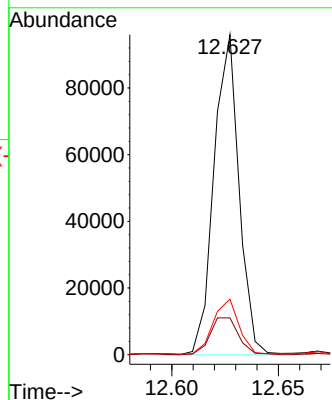
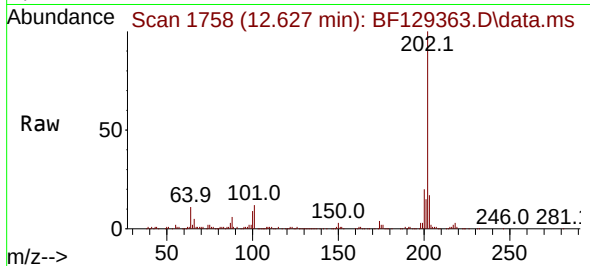




#75
Fluoranthene
Concen: 2.459 ng
RT: 12.627 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF129363.D
Acq: 26 Jul 2022 19:24

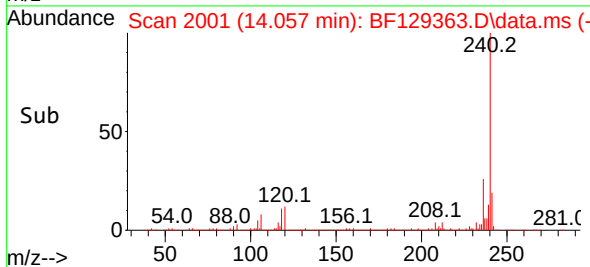
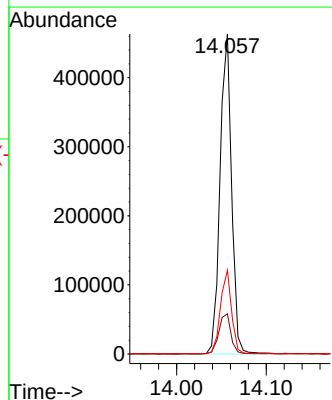
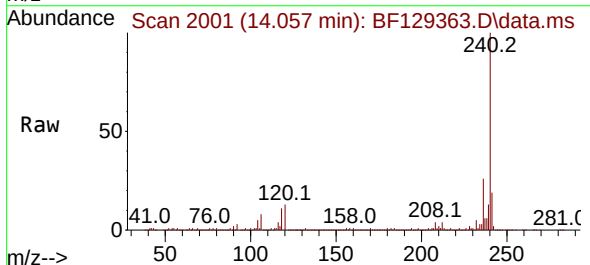
Instrument :
BNA_F
ClientSampleId :
WH-1

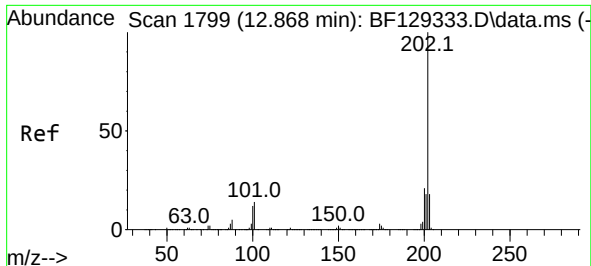
Tgt Ion:202 Resp: 78532
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.4
203 17.3 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BF129363.D
Acq: 26 Jul 2022 19:24

Tgt Ion:240 Resp: 413084
Ion Ratio Lower Upper
240 100
120 12.5 8.9 13.3
236 26.2 20.8 31.2

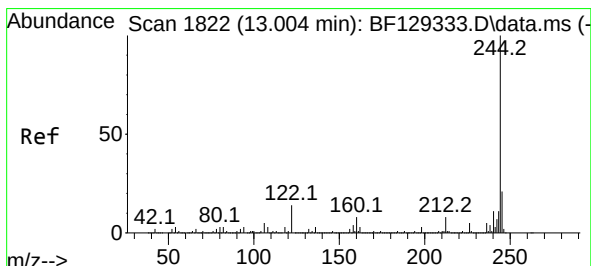
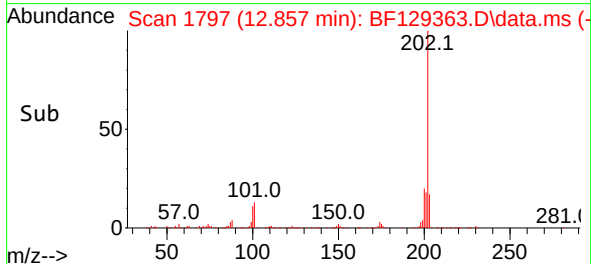
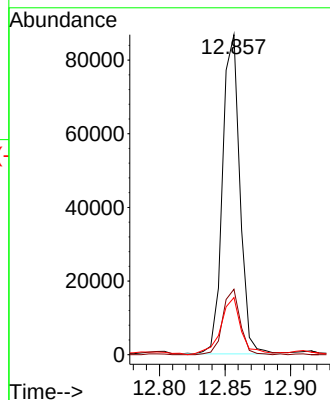
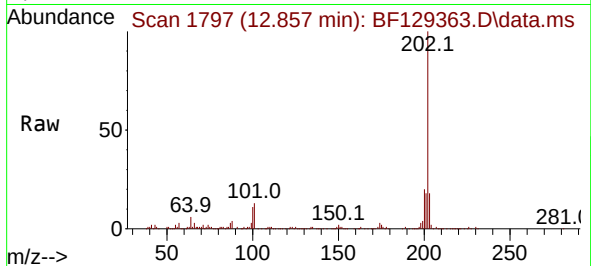




#78
Pyrene
Concen: 2.305 ng
RT: 12.857 min Scan# 1799
Delta R.T. -0.012 min
Lab File: BF129363.D
Acq: 26 Jul 2022 19:24

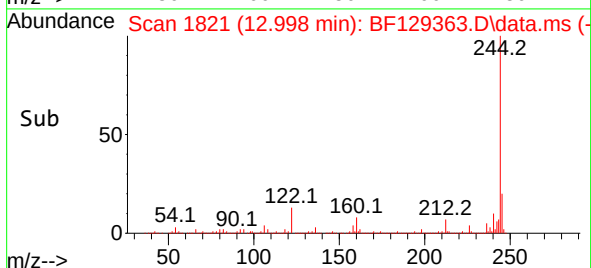
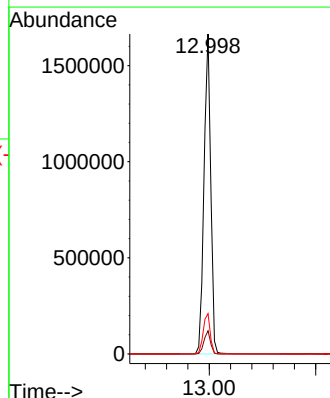
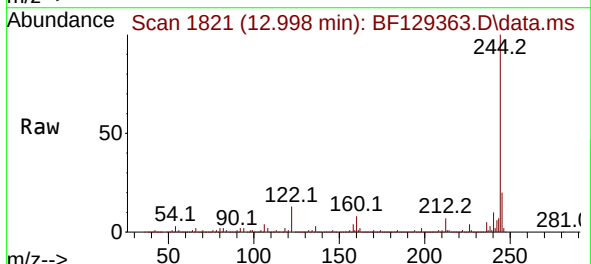
Instrument :
BNA_F
ClientSampleId :
WH-1

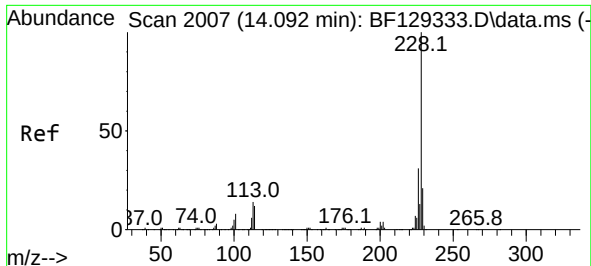
Tgt Ion:202 Resp: 79609
Ion Ratio Lower Upper
202 100
200 20.5 17.7 26.5
203 17.9 14.6 21.8



#79
Terphenyl-d14
Concen: 66.366 ng
RT: 12.998 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF129363.D
Acq: 26 Jul 2022 19:24

Tgt Ion:244 Resp: 1453136
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 12.6 8.8 13.2

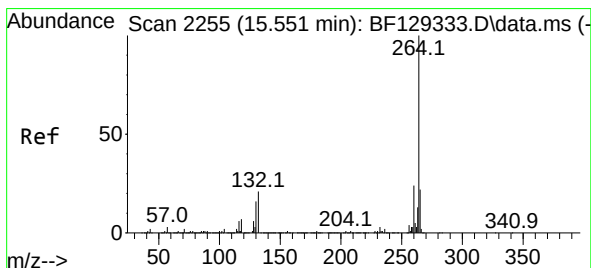
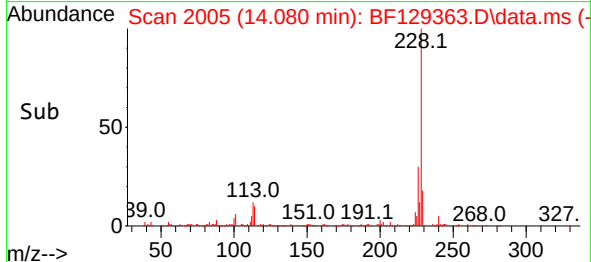
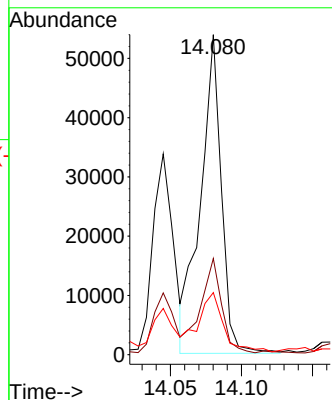
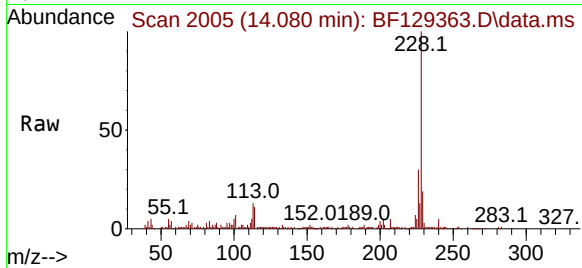




#83
Chrysene
Concen: 2.072 ng
RT: 14.080 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF129363.D
Acq: 26 Jul 2022 19:24

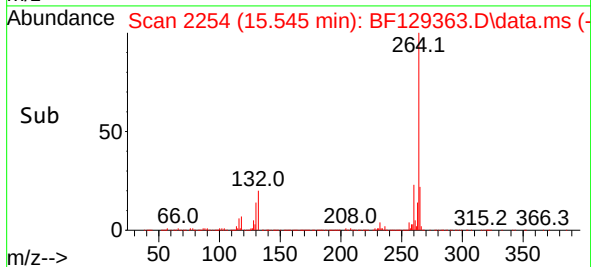
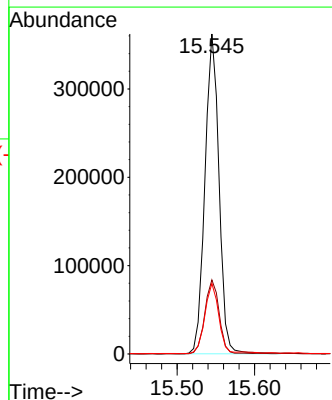
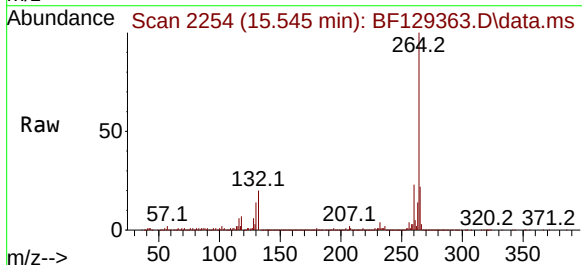
Instrument :
BNA_F
ClientSampleId :
WH-1

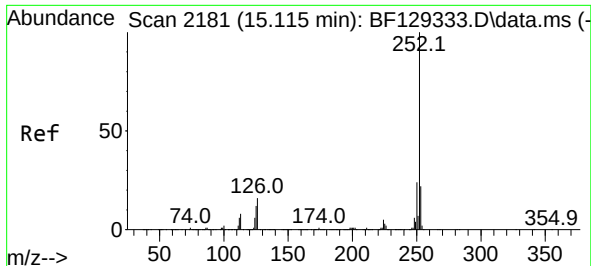
Tgt Ion:228	Resp:	55100
Ion Ratio	Lower	Upper
228	100	
226	30.1	24.3 36.5
229	19.4	15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2254
Delta R.T. -0.006 min
Lab File: BF129363.D
Acq: 26 Jul 2022 19:24

Tgt Ion:264	Resp:	456340
Ion Ratio	Lower	Upper
264	100	
260	23.2	18.4 27.6
265	22.0	17.2 25.8

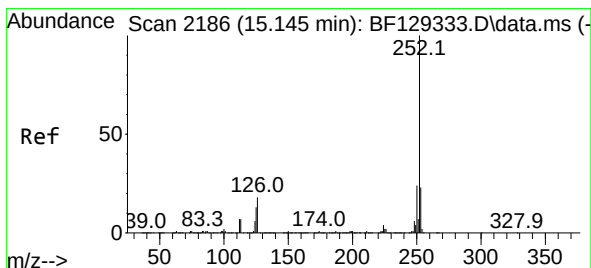
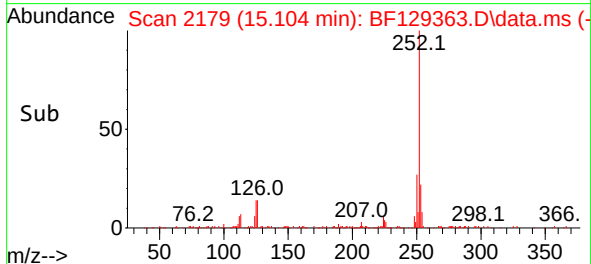
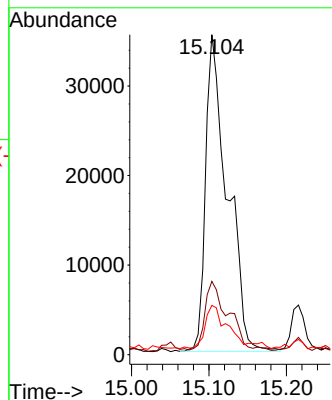
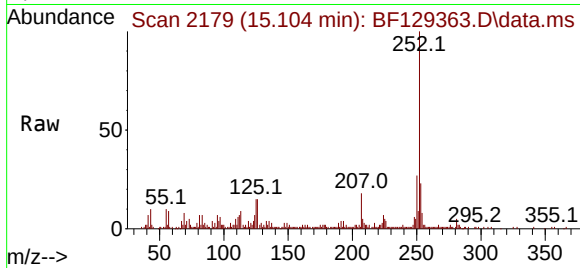




#88
Benzo(b)fluoranthene
Concen: 2.286 ng
RT: 15.104 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BF129363.D
Acq: 26 Jul 2022 19:24

Instrument :
BNA_F
ClientSampleId :
WH-1

Tgt Ion:252 Resp: 69207
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 15.4 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 2.333 ng
RT: 15.104 min Scan# 2179
Delta R.T. -0.041 min
Lab File: BF129363.D
Acq: 26 Jul 2022 19:24

Tgt Ion:252 Resp: 69207
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 15.4 8.3 12.5#

