

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
 Data File : BF128595.D
 Acq On : 31 May 2022 15:17
 Operator : CG\JU
 Sample : N3087-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Quant Time: Jun 01 00:57:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

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

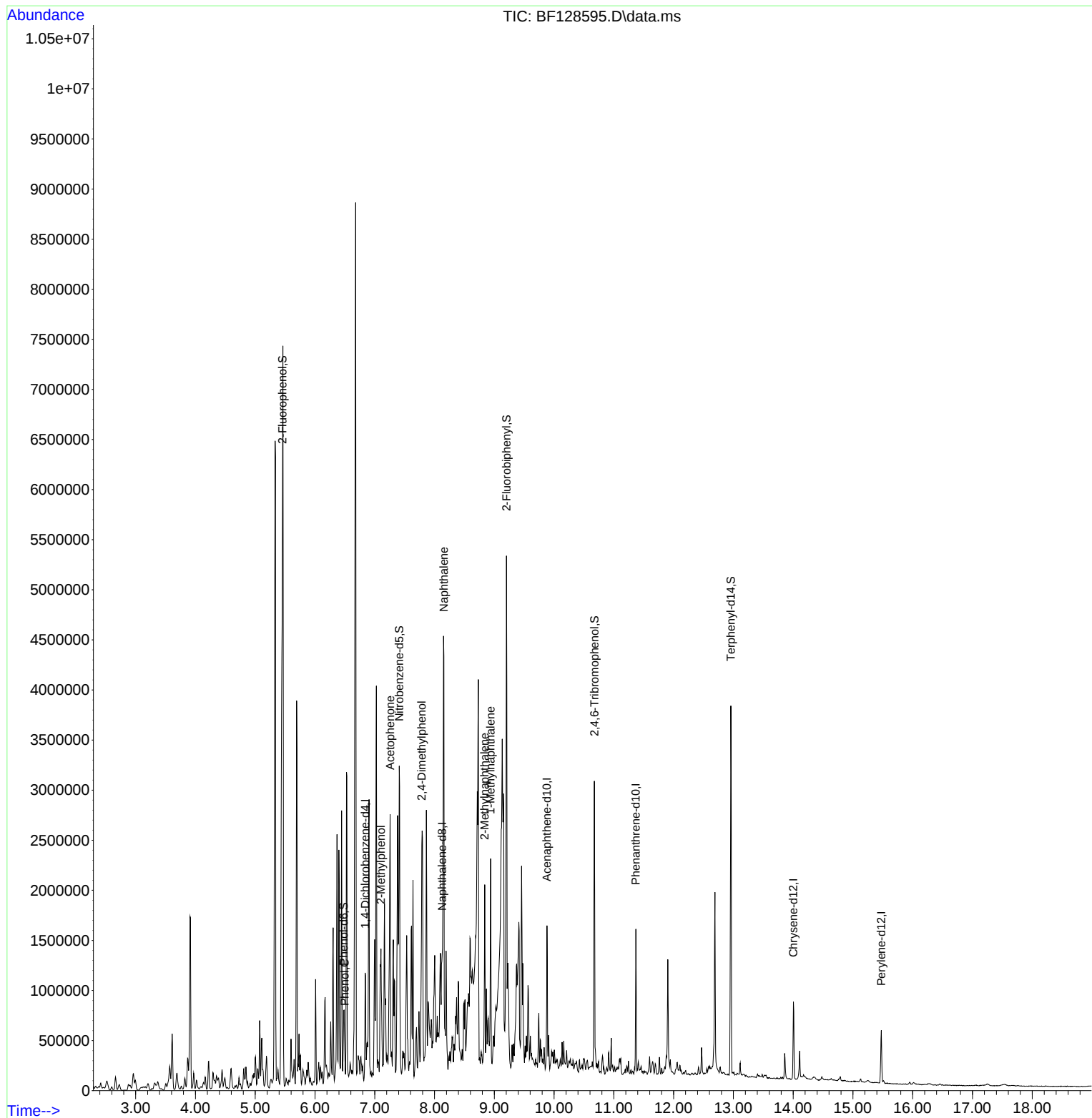
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	122150	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	457995	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	281285	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	478512	20.000	ng	0.00
76) Chrysene-d12	14.004	240	277658	20.000	ng	0.00
86) Perylene-d12	15.474	264	238941	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	263527	35.735	ng	0.00
7) Phenol-d6	6.481	99	259012	27.547	ng	0.01
23) Nitrobenzene-d5	7.410	82	664730	83.728	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	343107	128.151	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1312729	75.821	ng	0.00
79) Terphenyl-d14	12.957	244	1344809	93.573	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.498	94	92685	9.948	ng	90
17) 2-Methylphenol	7.104	107	99453	15.281	ng	# 90
22) Acetophenone	7.257	105	899571	85.183	ng	# 95
27) 2,4-Dimethylphenol	7.787	122	419365	64.316	ng	92
31) Naphthalene	8.157	128	2074274	92.536	ng	99
37) 2-Methylnaphthalene	8.839	142	406061	28.699	ng	99
38) 1-Methylnaphthalene	8.939	142	308117	22.390	ng	100

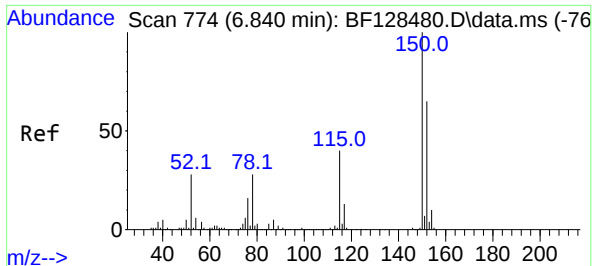
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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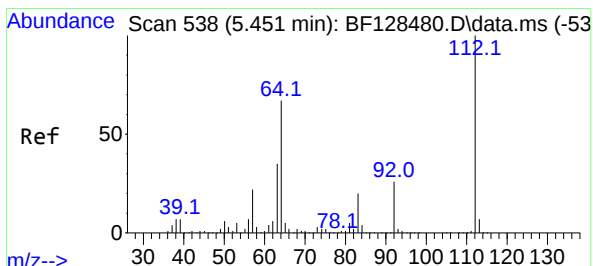
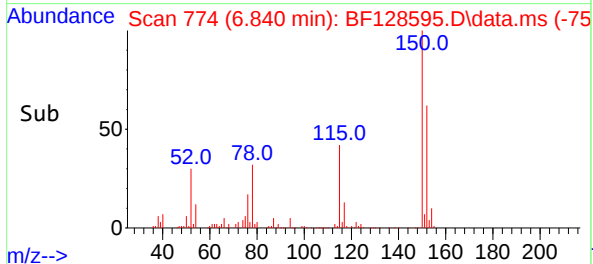
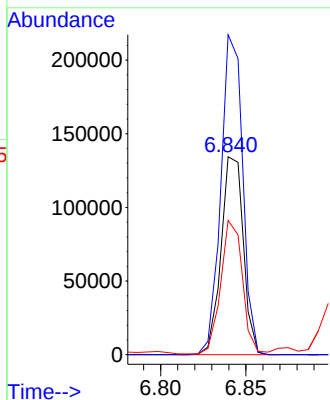
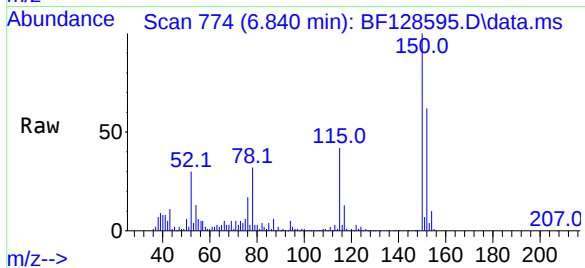




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

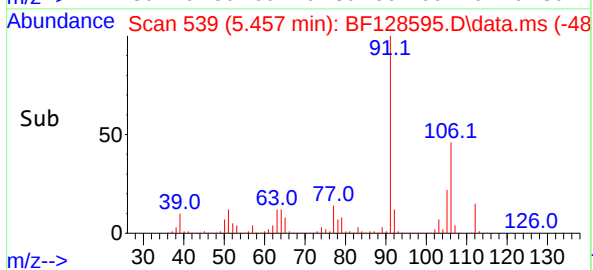
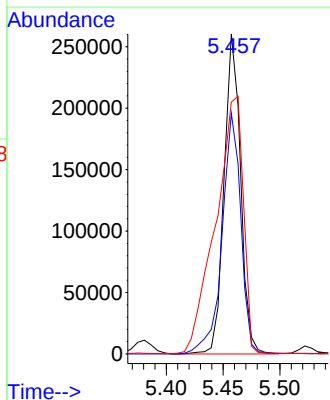
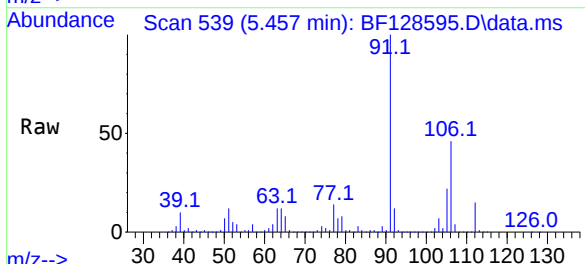
Instrument :
BNA_F
ClientSampleId :
MW-06

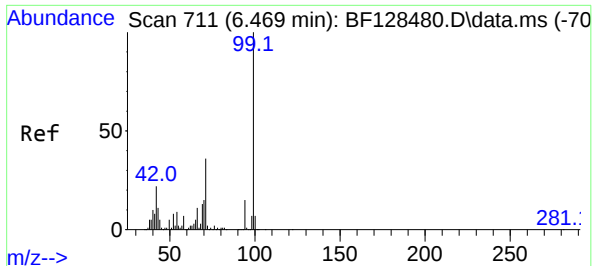
Tgt Ion:152 Resp: 122150
Ion Ratio Lower Upper
152 100
150 161.7 123.7 185.5
115 67.8 49.9 74.9



#5
2-Fluorophenol
Concen: 35.735 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

Tgt Ion:112 Resp: 263527
Ion Ratio Lower Upper
112 100
64 75.2 53.3 79.9
63 78.7 28.0 42.0#

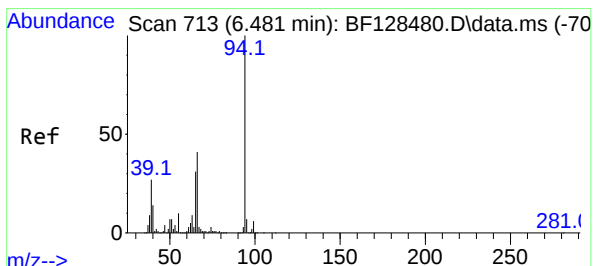
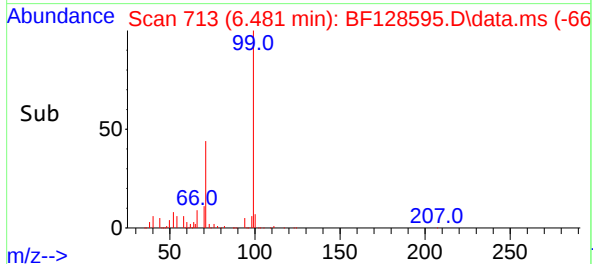
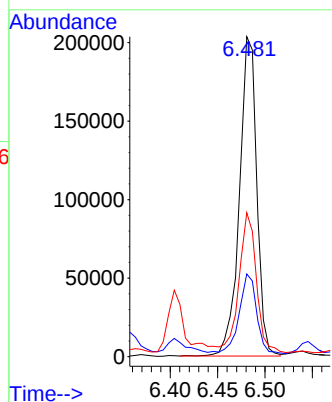
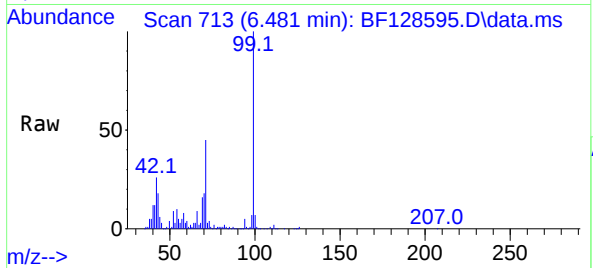




#7
Phenol-d6
Concen: 27.547 ng
RT: 6.481 min Scan# 711
Delta R.T. 0.012 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

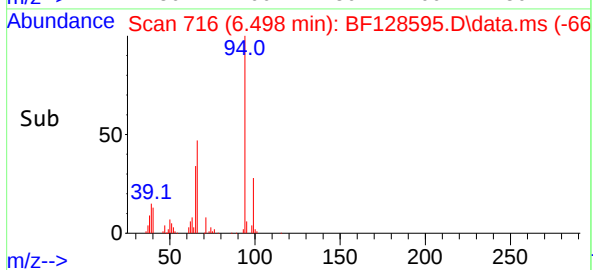
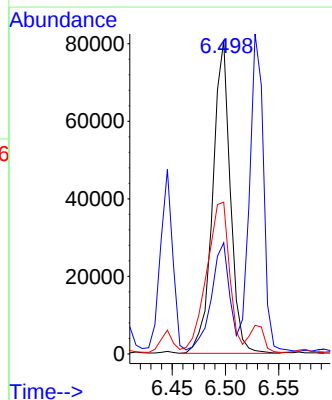
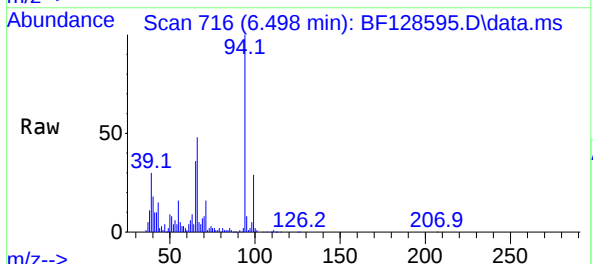
Instrument :
BNA_F
ClientSampleId :
MW-06

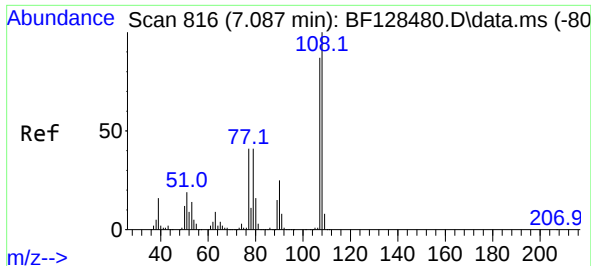
Tgt Ion: 99 Resp: 259012
Ion Ratio Lower Upper
99 100
42 25.9 17.3 25.9
71 45.0 28.9 43.3#



#10
Phenol
Concen: 9.948 ng
RT: 6.498 min Scan# 716
Delta R.T. 0.018 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

Tgt Ion: 94 Resp: 92685
Ion Ratio Lower Upper
94 100
65 35.5 11.4 51.4
66 48.5 21.4 61.4



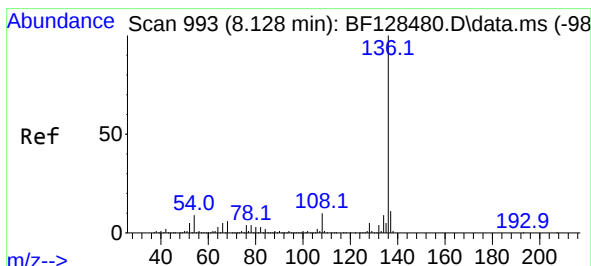
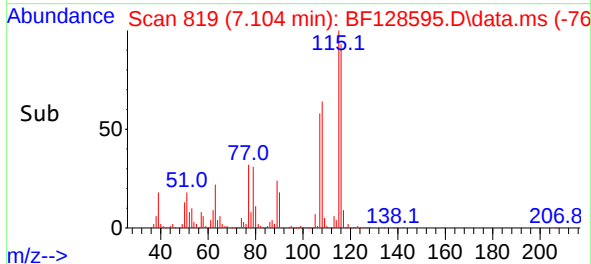
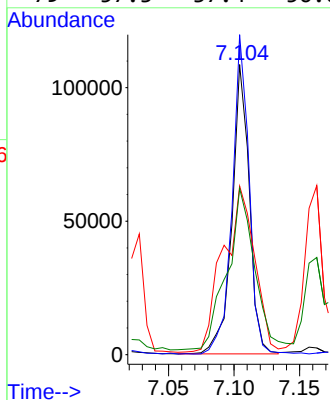
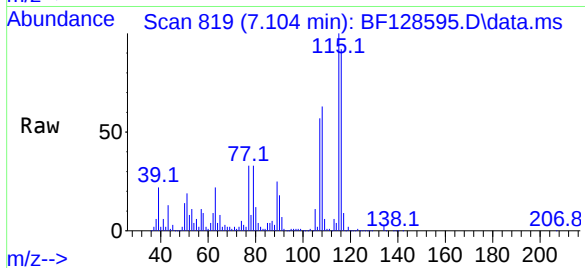


#17
2-Methylphenol
Concen: 15.281 ng
RT: 7.104 min Scan# 816
Delta R.T. 0.018 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

Instrument :
BNA_F
ClientSampleId :
MW-06

Tgt Ion:107 Resp: 99453

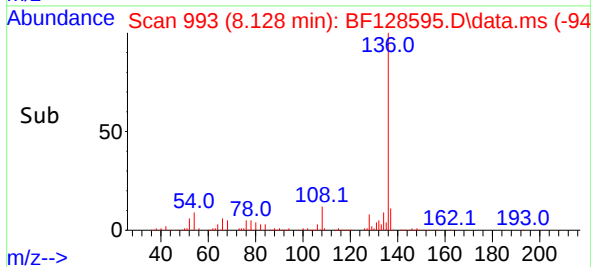
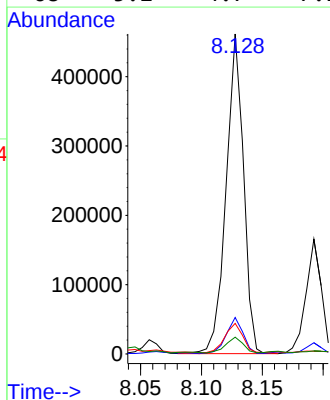
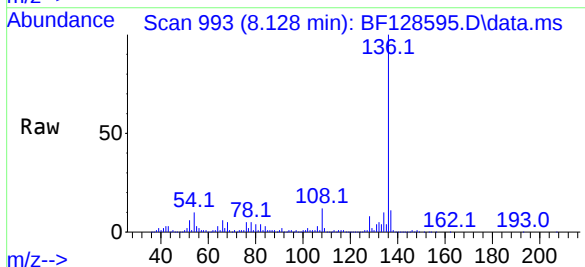
Ion	Ratio	Lower	Upper
107	100		
108	110.3	91.9	137.9
77	58.1	37.8	56.8#
79	57.3	37.4	56.0#

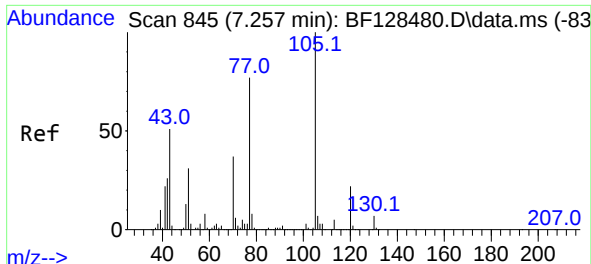


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

Tgt Ion:136 Resp: 457995

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	9.6	7.5	11.3
68	5.2	4.7	7.1

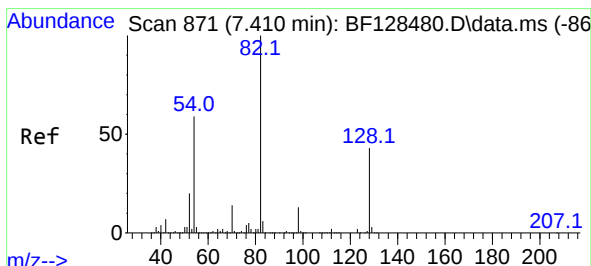
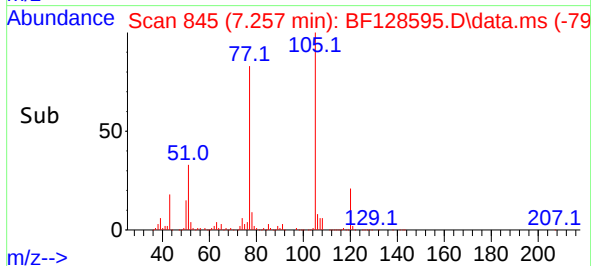
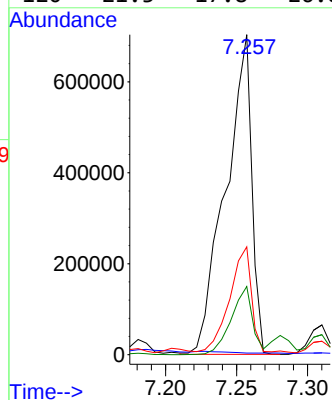
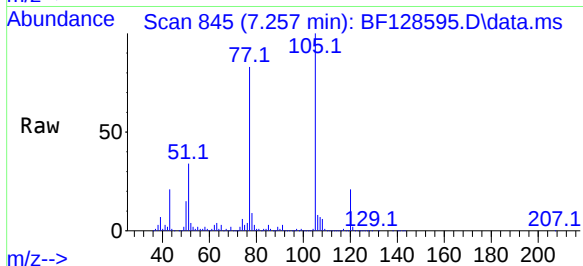




#22
Acetophenone
Concen: 85.183 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

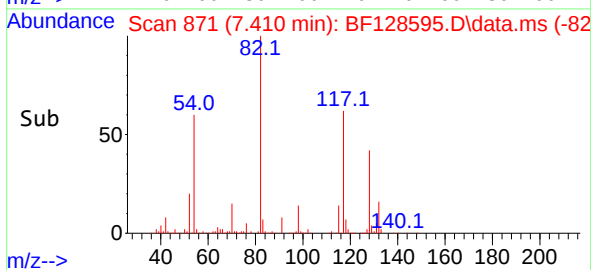
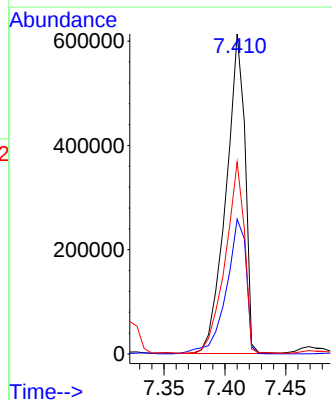
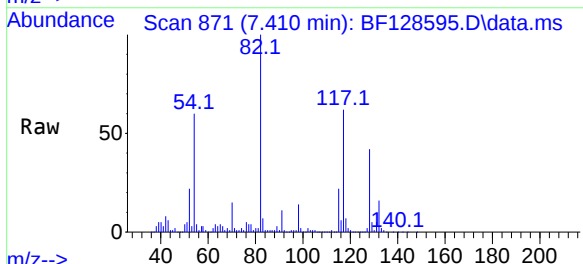
Instrument :
BNA_F
ClientSampleId :
MW-06

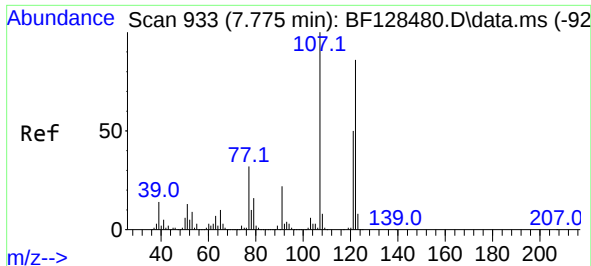
Tgt Ion:105 Resp: 899571
Ion Ratio Lower Upper
105 100
71 0.5 5.0 7.4#
51 33.7 25.0 37.4
120 21.3 17.8 26.8



#23
Nitrobenzene-d5
Concen: 83.728 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

Tgt Ion: 82 Resp: 664730
Ion Ratio Lower Upper
82 100
128 42.1 34.0 51.0
54 60.0 46.9 70.3

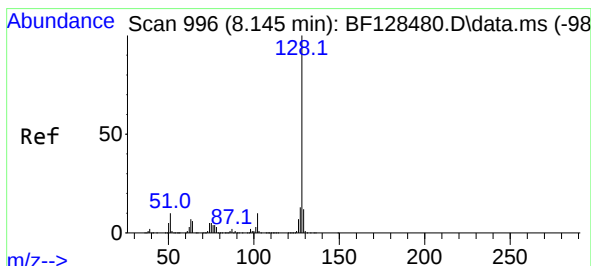
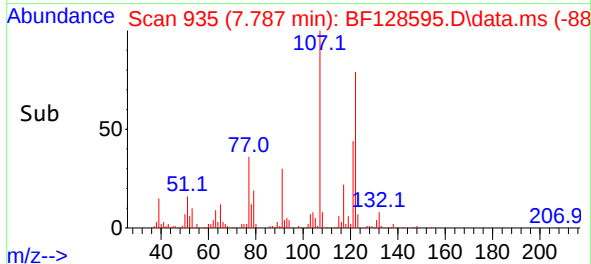
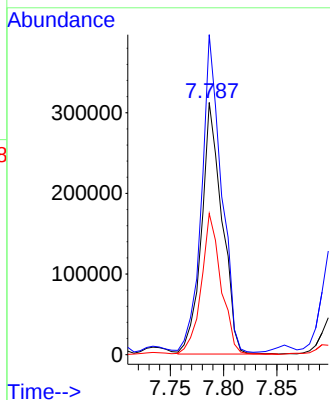
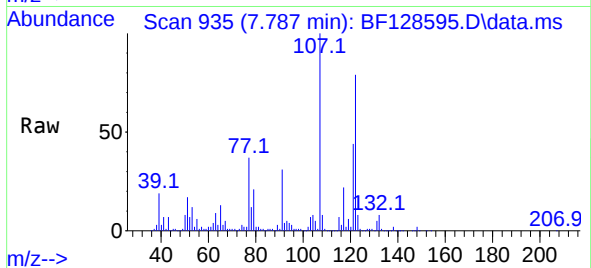




#27
2,4-Dimethylphenol
Concen: 64.316 ng
RT: 7.787 min Scan# 91
Delta R.T. 0.012 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

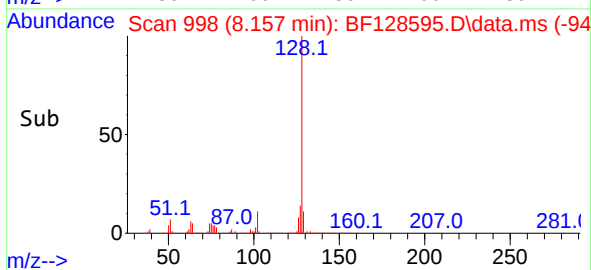
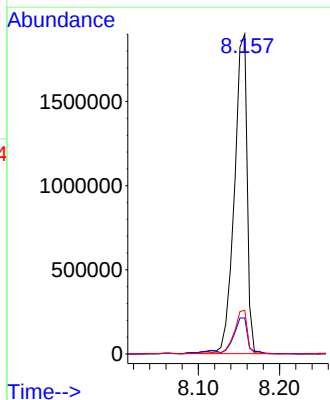
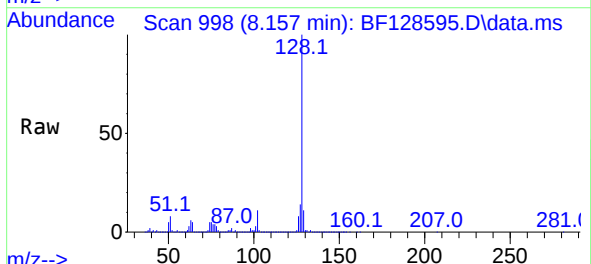
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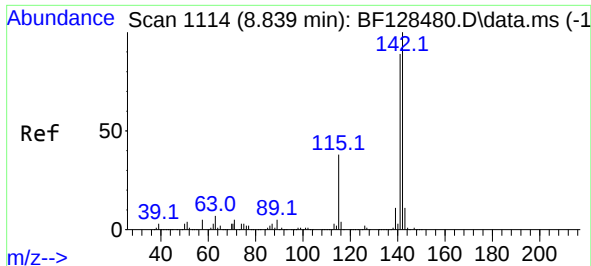
Tgt Ion:122 Resp: 419365
Ion Ratio Lower Upper
122 100
107 126.9 93.0 139.6
121 56.0 46.6 70.0



#31
Naphthalene
Concen: 92.536 ng
RT: 8.157 min Scan# 998
Delta R.T. 0.012 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

Tgt Ion:128 Resp: 2074274
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.7 10.5 15.7





#37

2-Methylnaphthalene

Concen: 28.699 ng

RT: 8.839 min Scan# 1114

Delta R.T. -0.000 min

Lab File: BF128595.D

Acq: 31 May 2022 15:17

Instrument :

BNA_F

ClientSampleId :

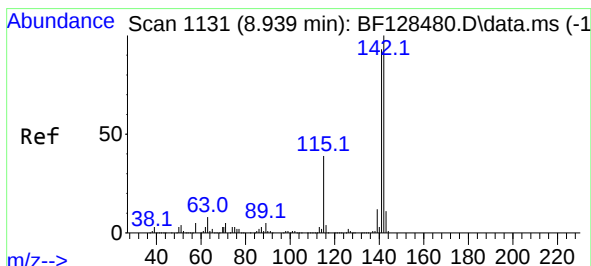
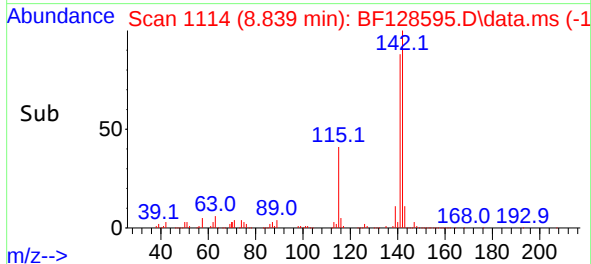
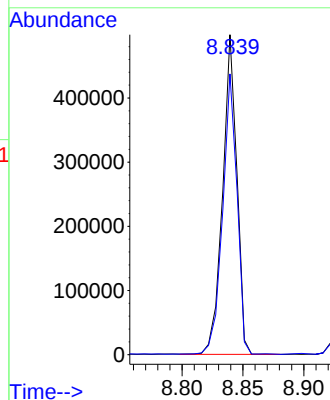
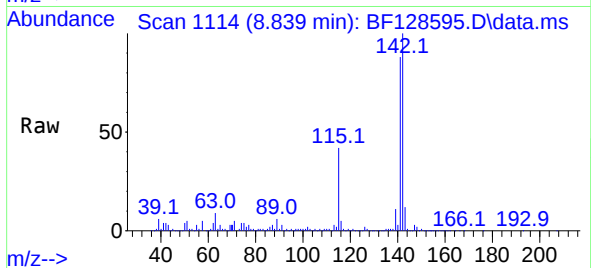
MW-06

Tgt Ion:142 Resp: 406061

Ion Ratio Lower Upper

142 100

141 87.8 71.0 106.4



#38

1-Methylnaphthalene

Concen: 22.390 ng

RT: 8.939 min Scan# 1131

Delta R.T. -0.000 min

Lab File: BF128595.D

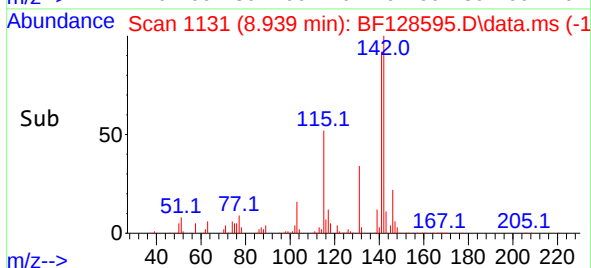
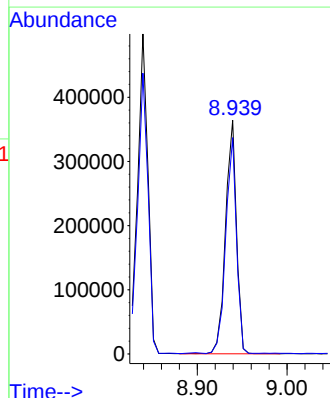
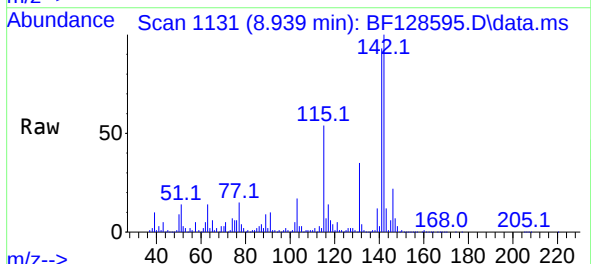
Acq: 31 May 2022 15:17

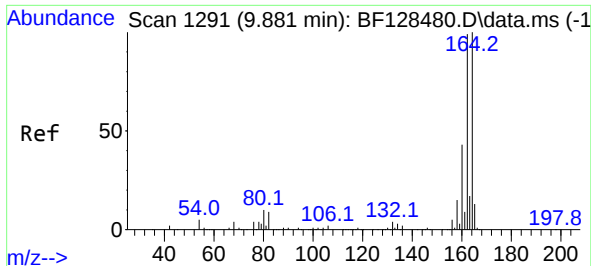
Tgt Ion:142 Resp: 308117

Ion Ratio Lower Upper

142 100

141 92.5 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1

Delta R.T. -0.001 min

Lab File: BF128595.D

Acq: 31 May 2022 15:17

Instrument :

BNA_F

ClientSampleId :

MW-06

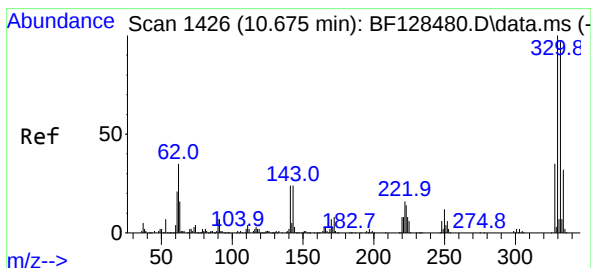
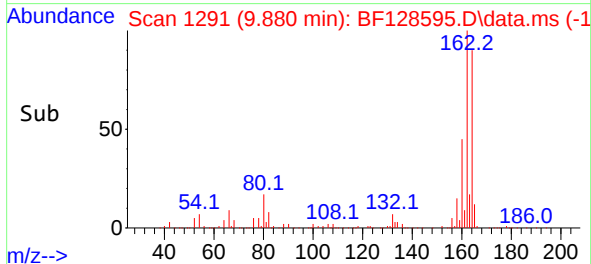
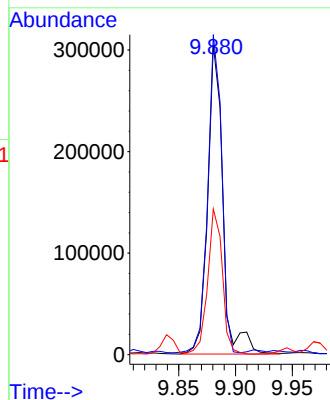
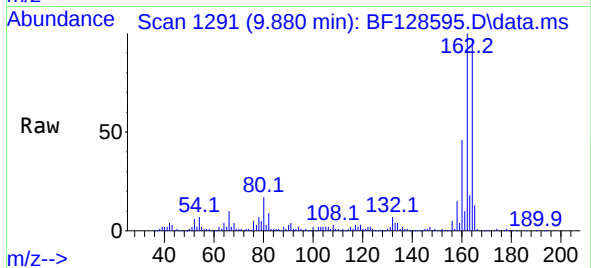
Tgt Ion:164 Resp: 281285

Ion Ratio Lower Upper

164 100

162 103.3 79.5 119.3

160 47.0 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 128.151 ng

RT: 10.675 min Scan# 1426

Delta R.T. -0.000 min

Lab File: BF128595.D

Acq: 31 May 2022 15:17

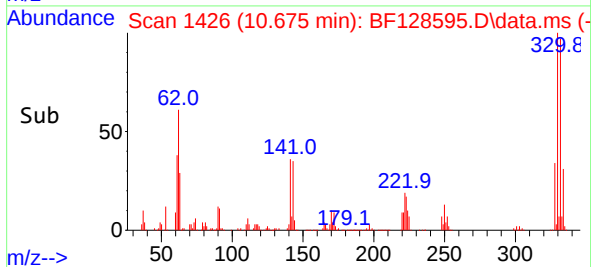
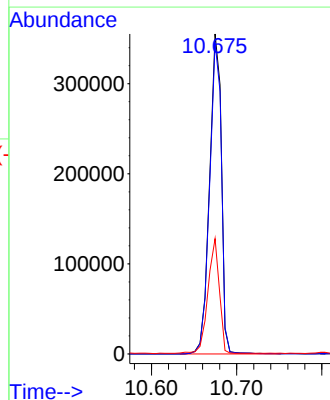
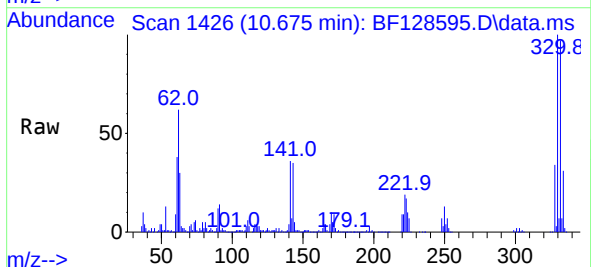
Tgt Ion:330 Resp: 343107

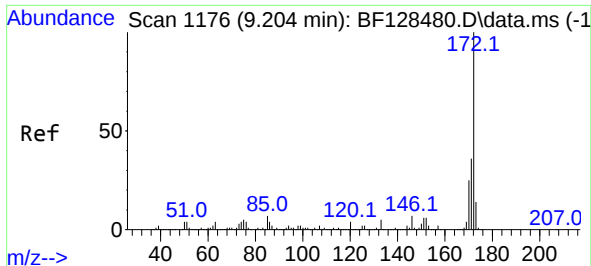
Ion Ratio Lower Upper

330 100

332 97.6 76.8 115.2

141 34.4 28.0 42.0

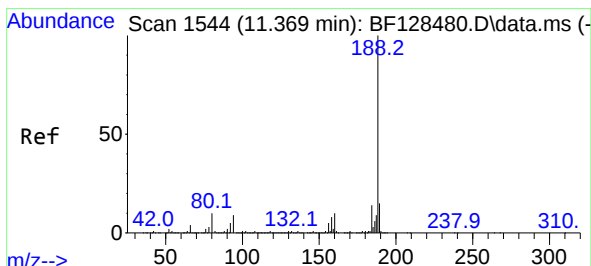
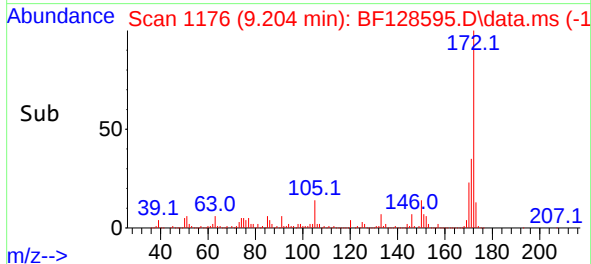
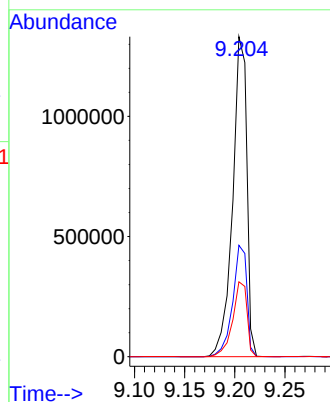
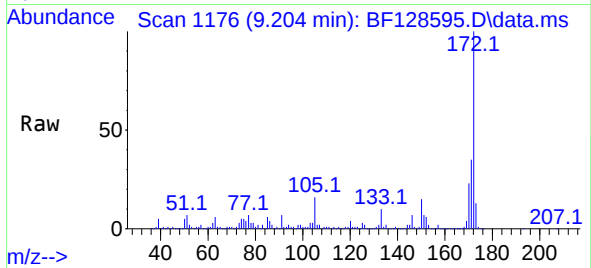




#45
2-Fluorobiphenyl
Concen: 75.821 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

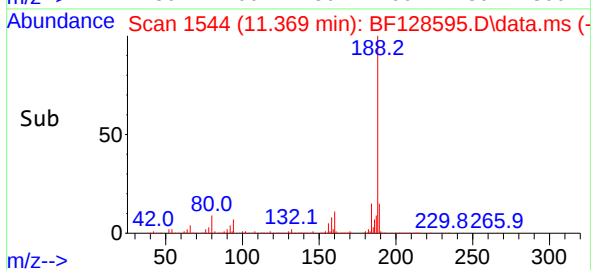
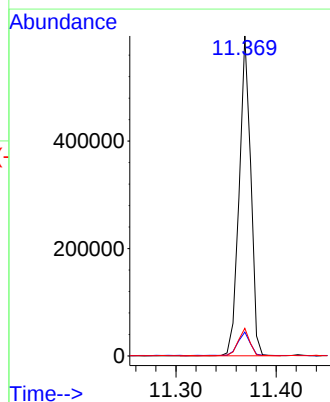
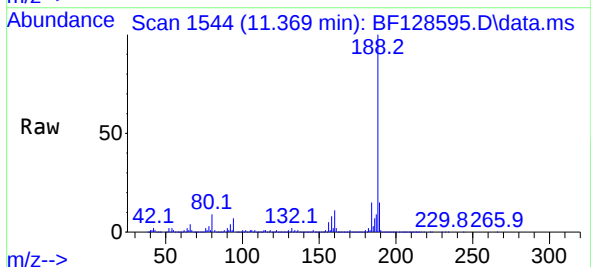
Instrument :
BNA_F
ClientSampleId :
MW-06

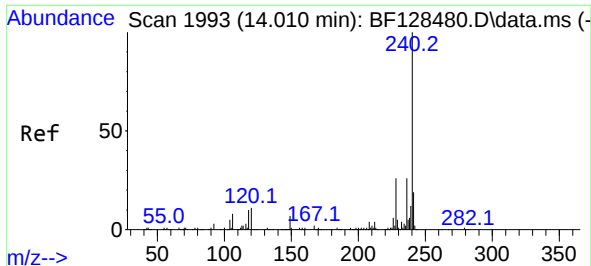
Tgt Ion:172 Resp: 1312729
Ion Ratio Lower Upper
172 100
171 34.8 28.8 43.2
170 23.4 19.8 29.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1544
Delta R.T. -0.000 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

Tgt Ion:188 Resp: 478512
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.6
80 8.7 7.6 11.4

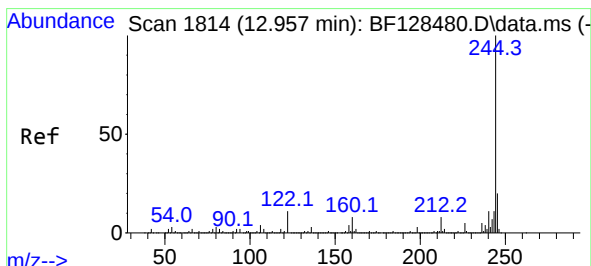
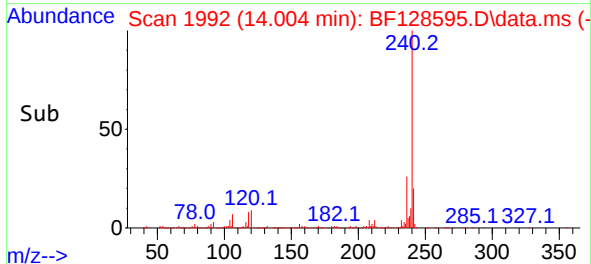
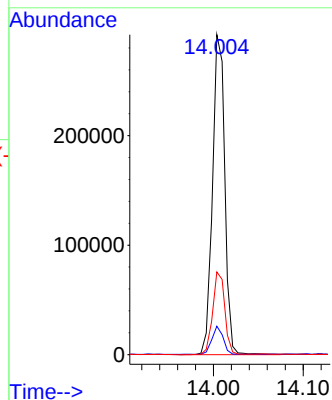
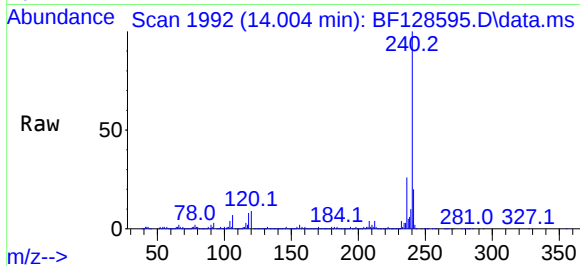




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

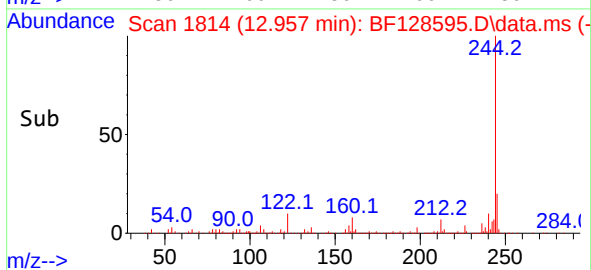
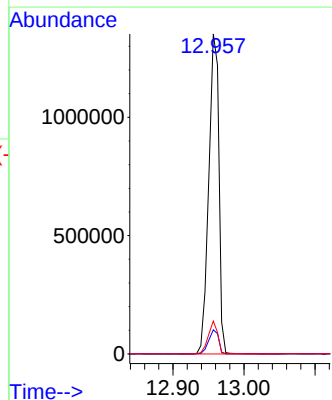
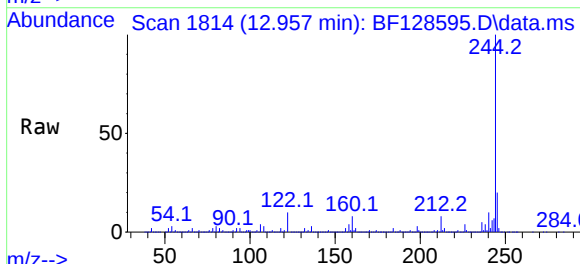
Instrument :
BNA_F
ClientSampleId :
MW-06

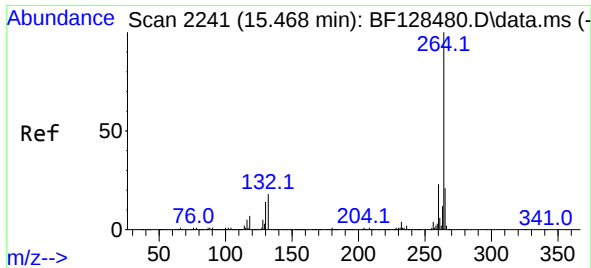
Tgt Ion:240 Resp: 277658
Ion Ratio Lower Upper
240 100
120 8.9 8.9 13.3
236 25.8 20.8 31.2



#79
Terphenyl-d14
Concen: 93.573 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

Tgt Ion:244 Resp: 1344809
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 10.3 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF128595.D
Acq: 31 May 2022 15:17

Instrument :
BNA_F
ClientSampleId :
MW-06

Tgt Ion:264 Resp: 238941
Ion Ratio Lower Upper
264 100
260 24.1 18.4 27.6
265 20.8 17.2 25.8

