

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
 Data File : BF128434.D
 Acq On : 24 May 2022 14:50
 Operator : CG\JU
 Sample : N2981-23
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TGMP-4

Quant Time: May 25 03:55:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 03:52:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	92350	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	351966	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	191182	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	343162	20.000	ng	0.00
76) Chrysene-d12	14.021	240	201200	20.000	ng	#-0.01
86) Perylene-d12	15.504	264	194644	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	405727	69.915	ng	0.00
7) Phenol-d6	6.481	99	360075	47.121	ng	-0.01
23) Nitrobenzene-d5	7.416	82	663278	84.435	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	237124	120.266	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1030657	88.160	ng	0.00
79) Terphenyl-d14	12.963	244	1082208	103.833	ng	0.00

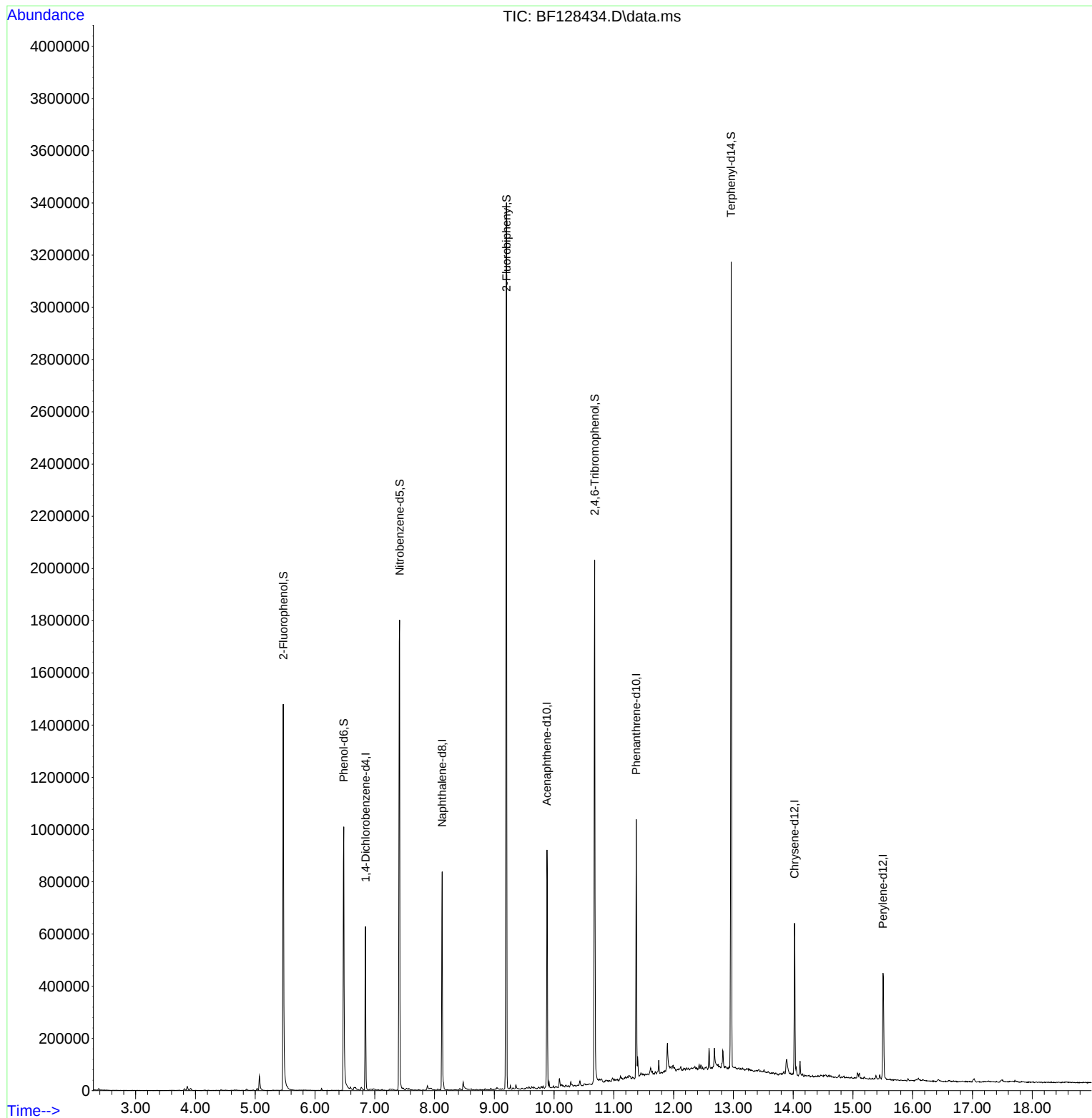
Target Compounds	Qvalue

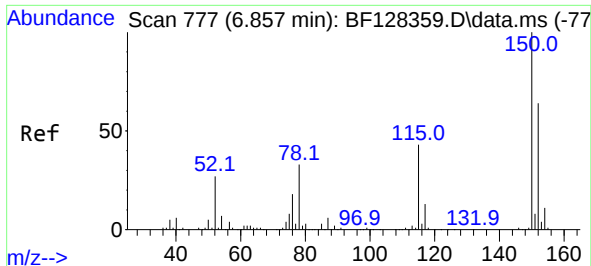
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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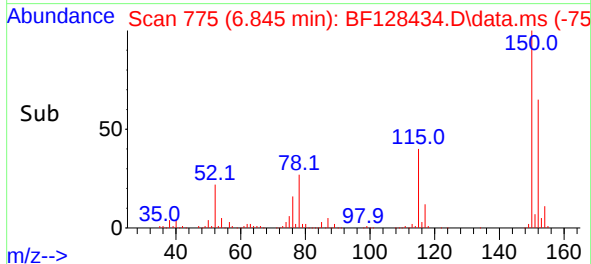
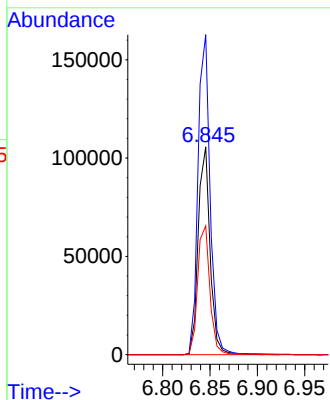
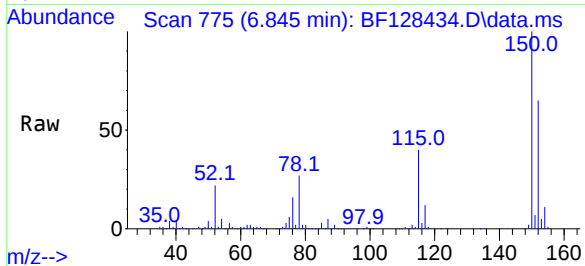




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128434.D
Acq: 24 May 2022 14:50

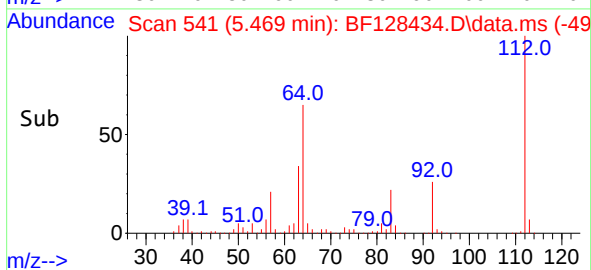
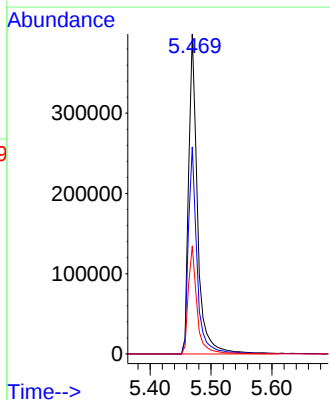
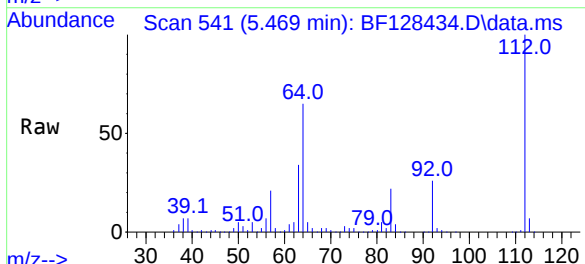
Instrument :
BNA_F
ClientSampleId :
TGMP-4

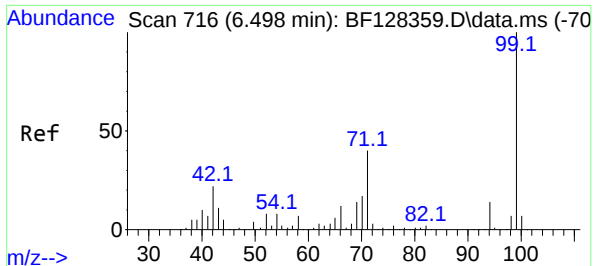
Tgt Ion:152 Resp: 92350
Ion Ratio Lower Upper
152 100
150 154.0 125.3 187.9
115 62.0 48.8 73.2



#5
2-Fluorophenol
Concen: 69.915 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.000 min
Lab File: BF128434.D
Acq: 24 May 2022 14:50

Tgt Ion:112 Resp: 405727
Ion Ratio Lower Upper
112 100
64 64.7 49.5 74.3
63 33.8 26.3 39.5

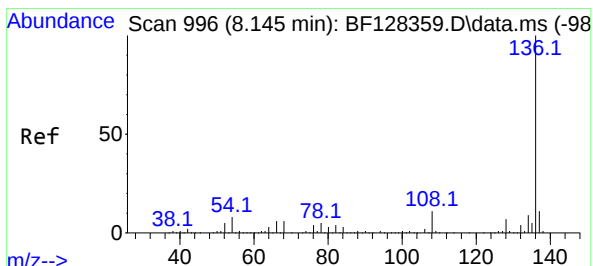
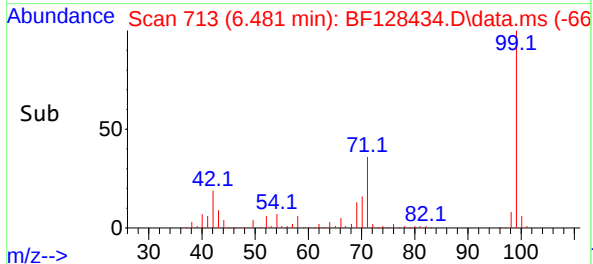
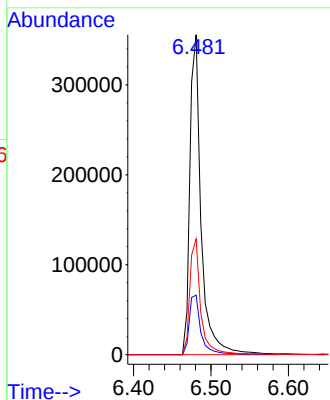
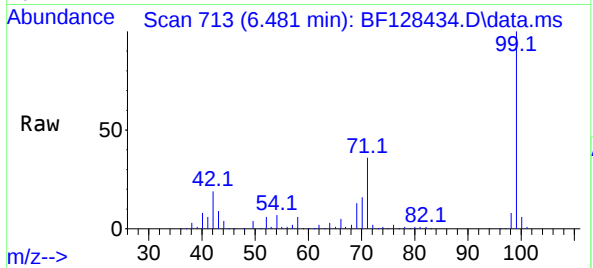




#7
Phenol-d6
Concen: 47.121 ng
RT: 6.481 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128434.D
Acq: 24 May 2022 14:50

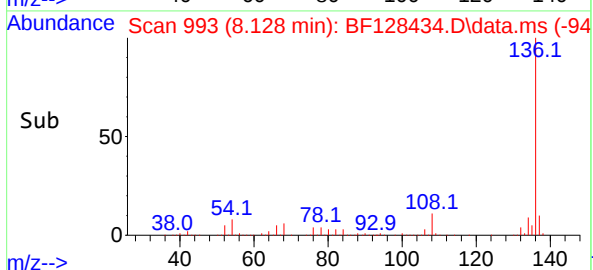
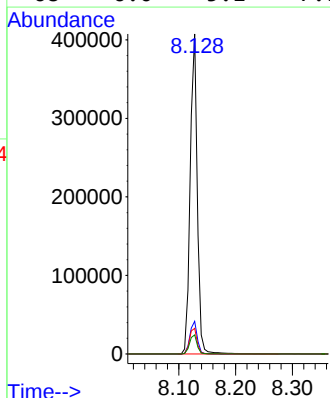
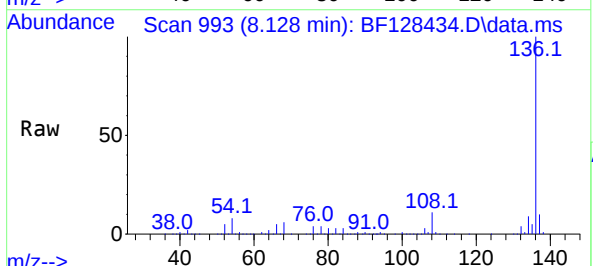
Instrument :
BNA_F
ClientSampleId :
TGMP-4

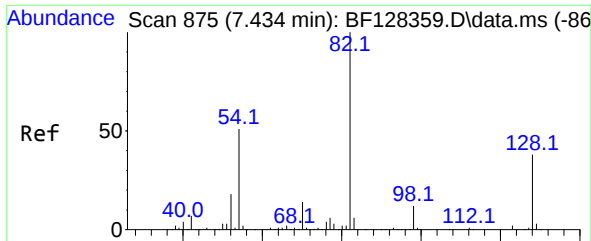
Tgt Ion: 99 Resp: 360075
Ion Ratio Lower Upper
99 100
42 18.6 16.6 24.8
71 36.1 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. 0.000 min
Lab File: BF128434.D
Acq: 24 May 2022 14:50

Tgt Ion: 136 Resp: 351966
Ion Ratio Lower Upper
136 100
137 10.2 8.6 13.0
54 8.0 6.8 10.2
68 6.0 5.1 7.7

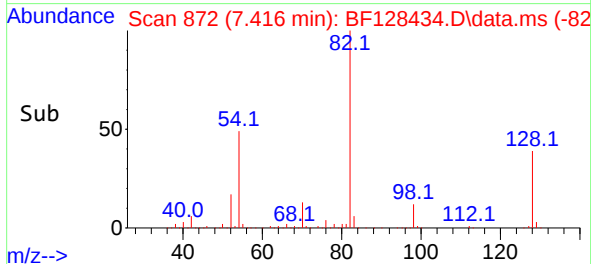
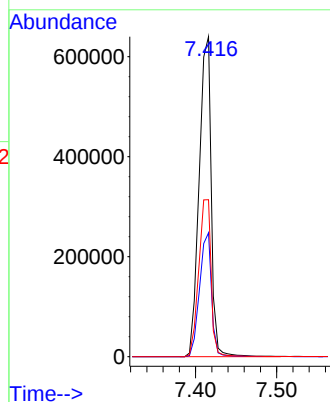
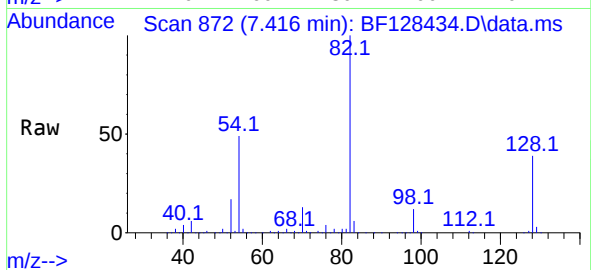




#23
Nitrobenzene-d5
Concen: 84.435 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128434.D
Acq: 24 May 2022 14:50

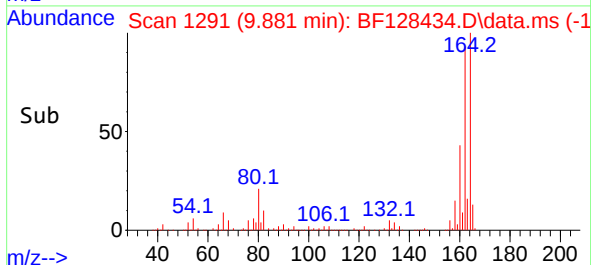
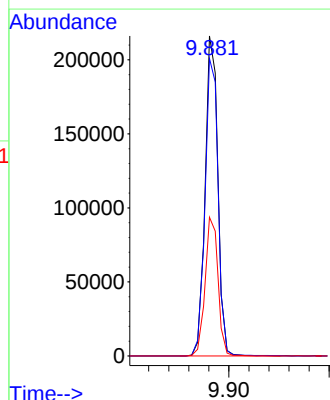
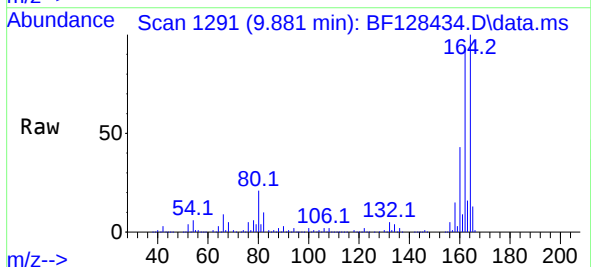
Instrument :
BNA_F
ClientSampleId :
TGMP-4

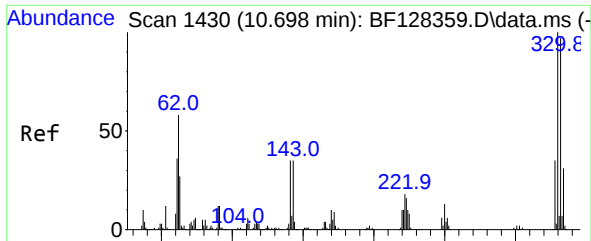
Tgt Ion: 82 Resp: 663278
Ion Ratio Lower Upper
82 100
128 38.7 30.0 45.0
54 49.0 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF128434.D
Acq: 24 May 2022 14:50

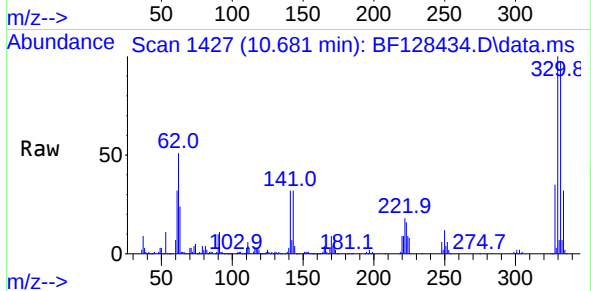
Tgt Ion:164 Resp: 191182
Ion Ratio Lower Upper
164 100
162 93.0 76.0 114.0
160 43.4 34.8 52.2



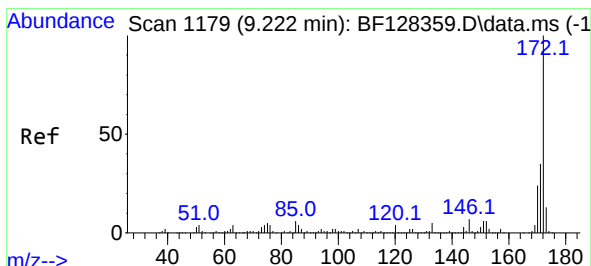
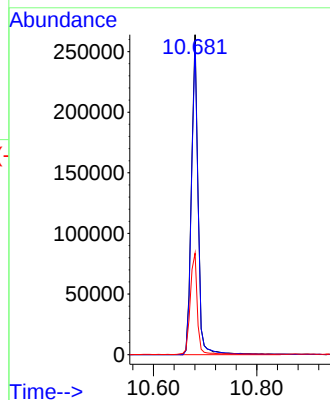
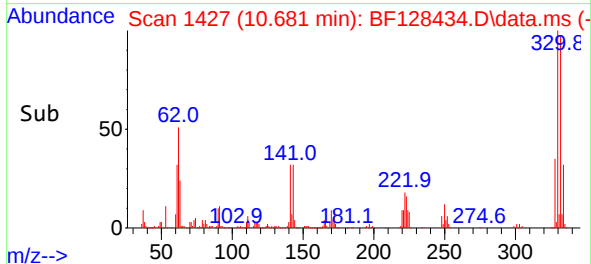


#42
2,4,6-Tribromophenol
Concen: 120.266 ng
RT: 10.681 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF128434.D
Acq: 24 May 2022 14:50

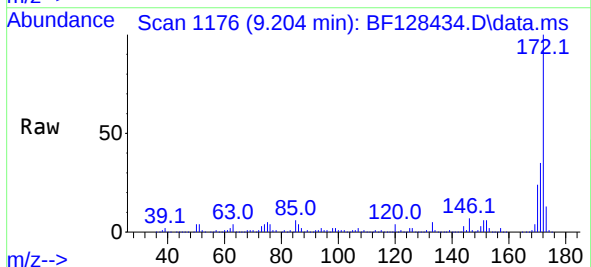
Instrument :
BNA_F
ClientSampleId :
TGMP-4



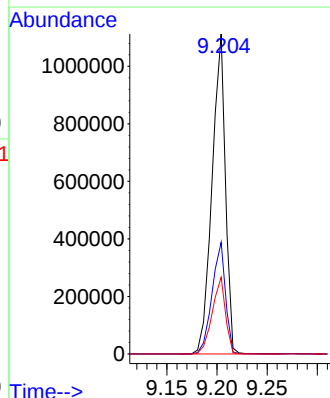
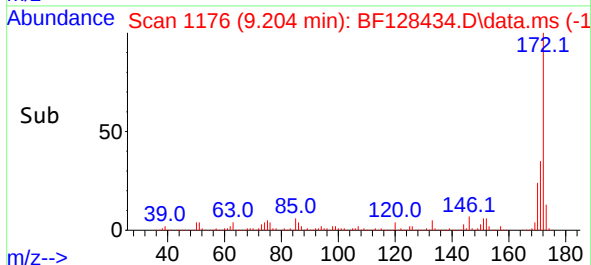
Tgt Ion:330 Resp: 237124
Ion Ratio Lower Upper
330 100
332 96.8 79.0 118.4
141 33.5 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 88.160 ng
RT: 9.204 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF128434.D
Acq: 24 May 2022 14:50



Tgt Ion:172 Resp: 1030657
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 24.0 19.1 28.7

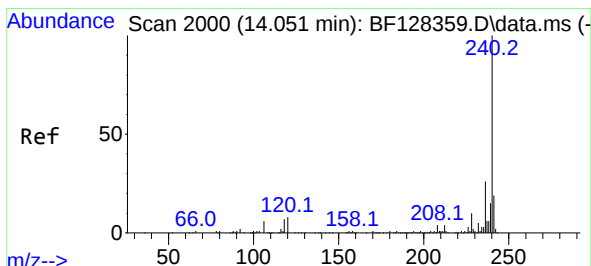
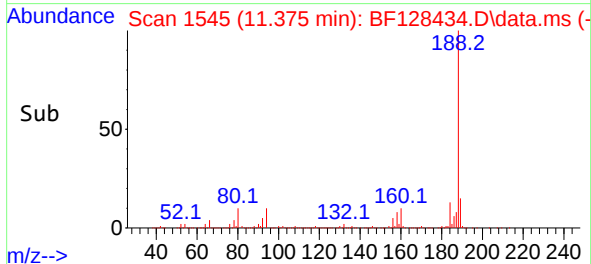
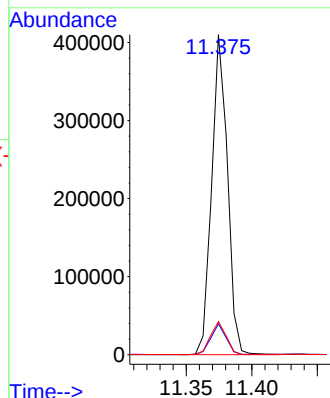
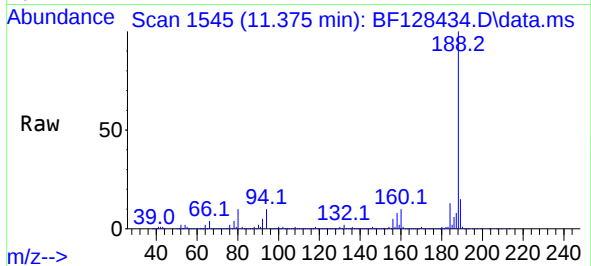




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128434.D
Acq: 24 May 2022 14:50

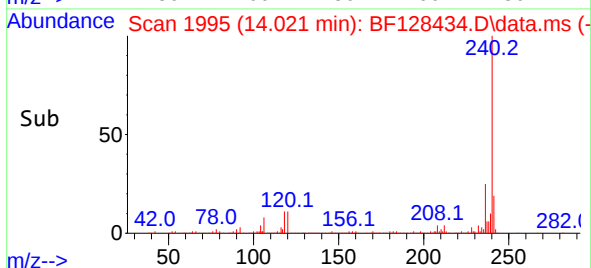
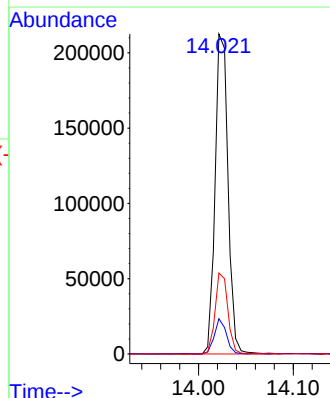
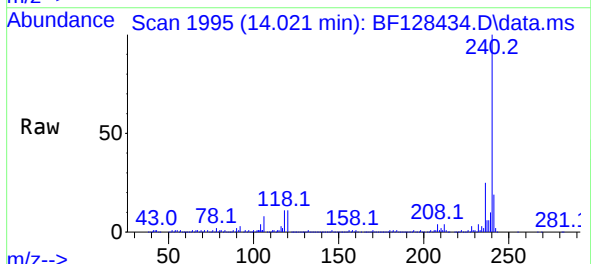
Instrument :
BNA_F
ClientSampleId :
TGMP-4

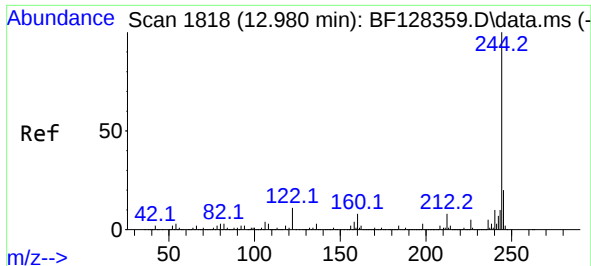
Tgt Ion:188 Resp: 343162
Ion Ratio Lower Upper
188 100
94 9.6 8.0 12.0
80 10.3 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.012 min
Lab File: BF128434.D
Acq: 24 May 2022 14:50

Tgt Ion:240 Resp: 201200
Ion Ratio Lower Upper
240 100
120 11.0 7.0 10.6#
236 25.3 20.3 30.5

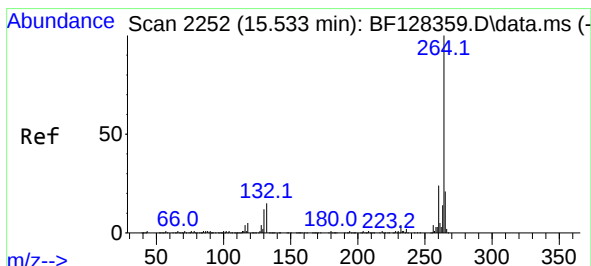
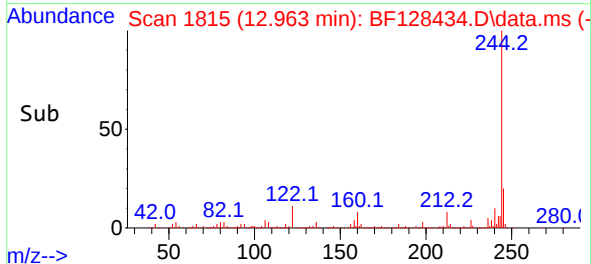
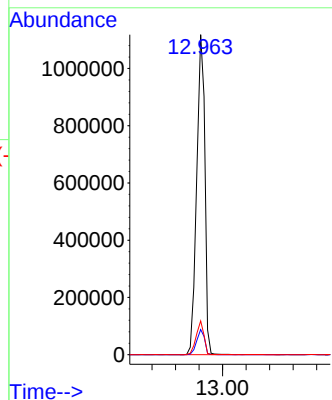
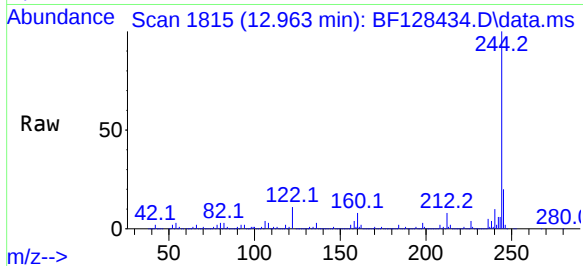




#79
 Terphenyl-d14
 Concen: 103.833 ng
 RT: 12.963 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF128434.D
 Acq: 24 May 2022 14:50

Instrument :
 BNA_F
 ClientSampleId :
 TGMP-4

Tgt Ion:244 Resp: 1082208
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 10.6 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2247
 Delta R.T. -0.006 min
 Lab File: BF128434.D
 Acq: 24 May 2022 14:50

Tgt Ion:264 Resp: 194644
 Ion Ratio Lower Upper
 264 100
 260 22.9 20.1 30.1
 265 21.7 17.5 26.3

