

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
 Data File : BF128371.D
 Acq On : 20 May 2022 18:39
 Operator : CG\JU
 Sample : N2943-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-42

Quant Time: May 23 02:39:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 05:28:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	98260	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	388393	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	217229	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	382190	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	213420	20.000	ng	-0.01
86) Perylene-d12	15.527	264	181608	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	405023	65.596	ng	0.00
7) Phenol-d6	6.487	99	443724	54.575	ng	-0.01
23) Nitrobenzene-d5	7.422	82	674854	77.851	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	262492	117.169	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1084950	81.677	ng	0.00
79) Terphenyl-d14	12.980	244	1018039	92.083	ng	0.00

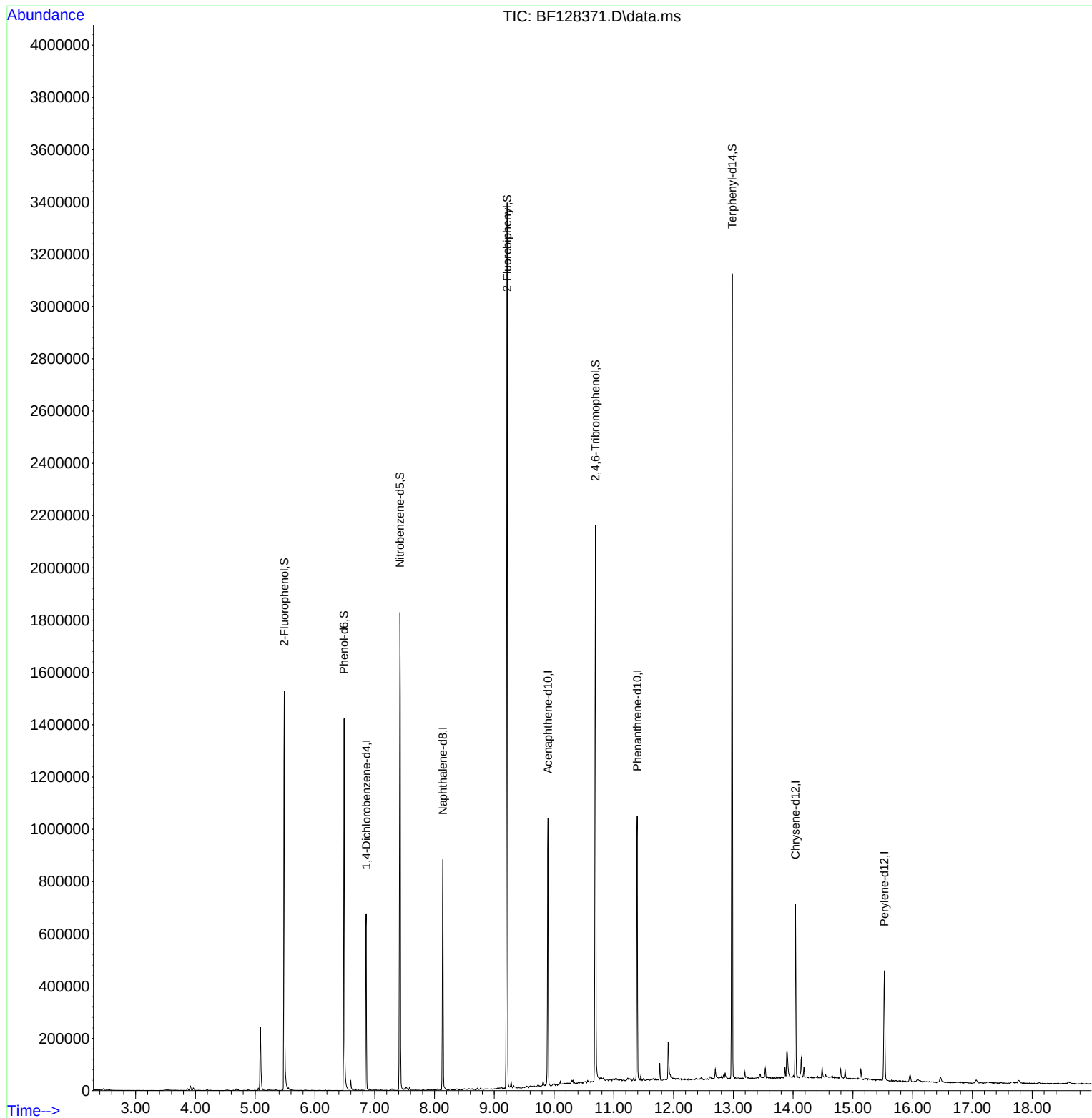
Target Compounds	Qvalue

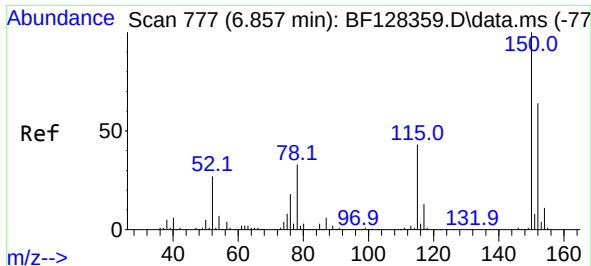
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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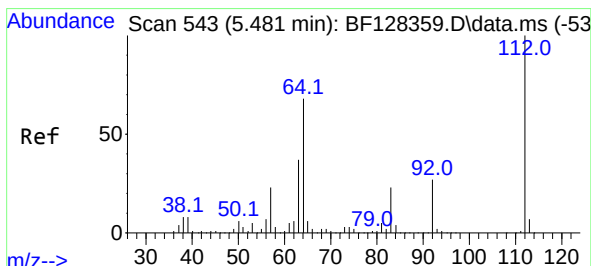
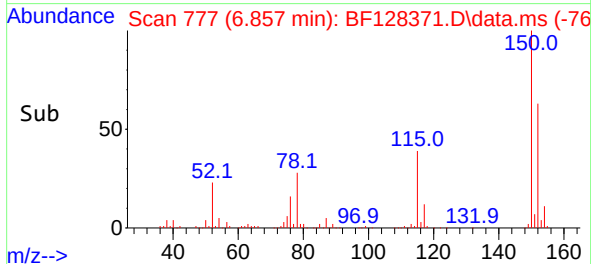
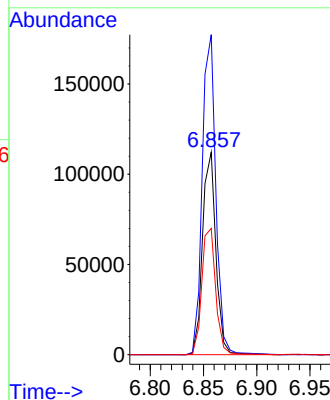
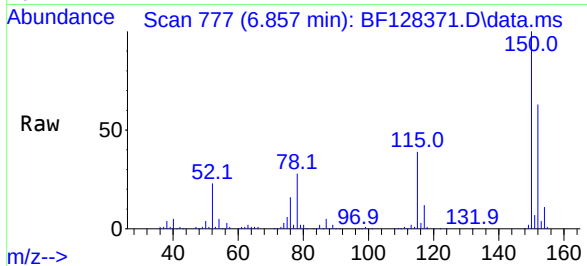




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128371.D
Acq: 20 May 2022 18:39

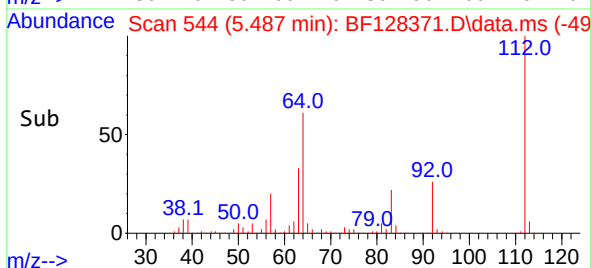
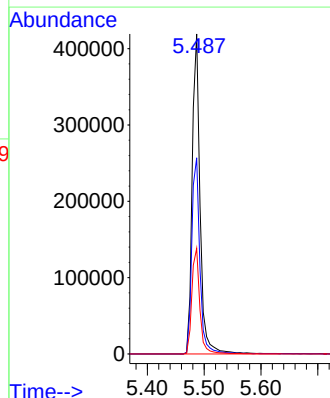
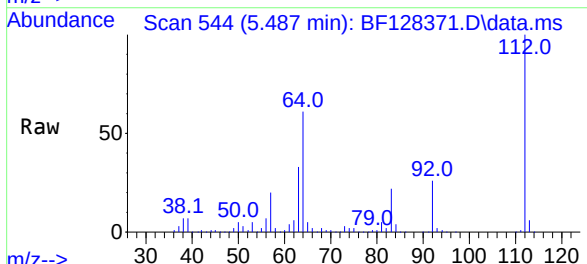
Instrument :
BNA_F
ClientSampleId :
MW-42

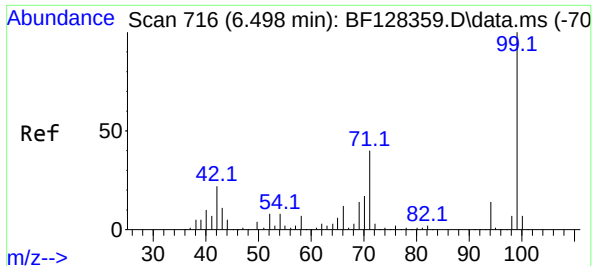
Tgt Ion:152 Resp: 98260
Ion Ratio Lower Upper
152 100
150 158.1 125.3 187.9
115 62.4 48.8 73.2



#5
2-Fluorophenol
Concen: 65.596 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.006 min
Lab File: BF128371.D
Acq: 20 May 2022 18:39

Tgt Ion:112 Resp: 405023
Ion Ratio Lower Upper
112 100
64 61.3 49.5 74.3
63 33.0 26.3 39.5

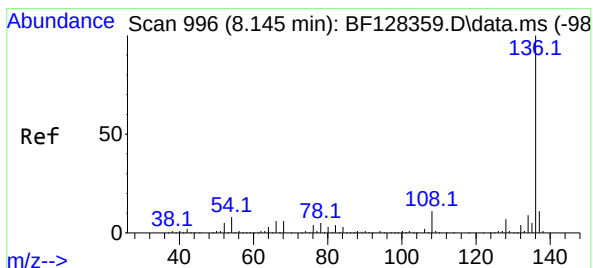
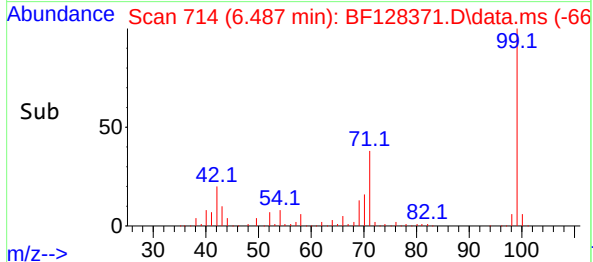
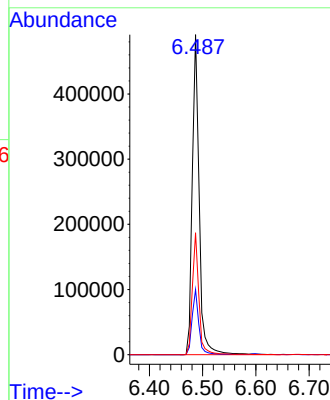
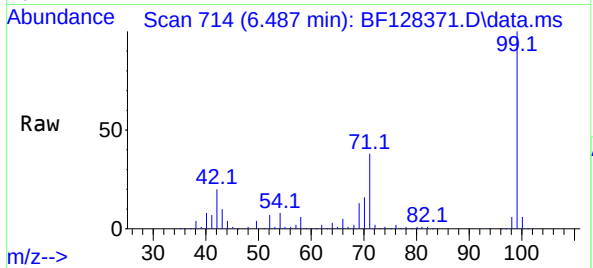




#7
Phenol-d6
Concen: 54.575 ng
RT: 6.487 min Scan# 716
Delta R.T. -0.012 min
Lab File: BF128371.D
Acq: 20 May 2022 18:39

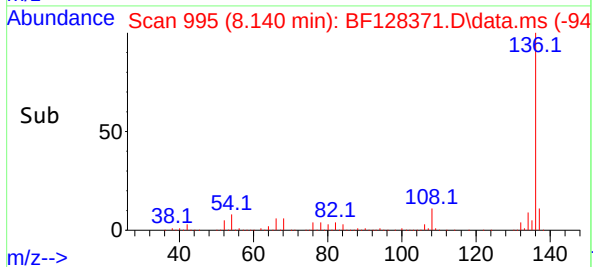
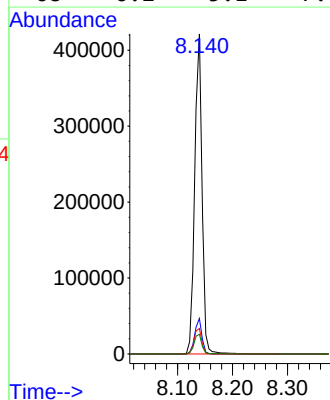
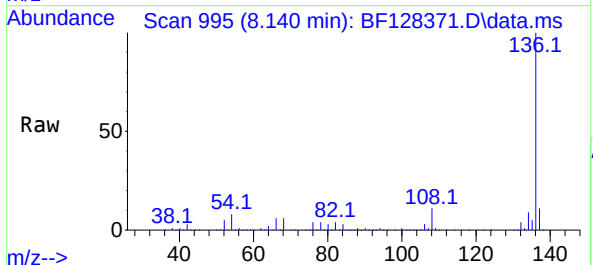
Instrument :
BNA_F
ClientSampleId :
MW-42

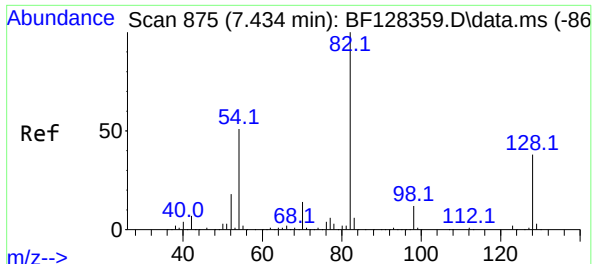
Tgt Ion: 99 Resp: 443724
Ion Ratio Lower Upper
99 100
42 20.3 16.6 24.8
71 38.1 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 995
Delta R.T. -0.005 min
Lab File: BF128371.D
Acq: 20 May 2022 18:39

Tgt Ion: 136 Resp: 388393
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.0 6.8 10.2
68 6.2 5.1 7.7

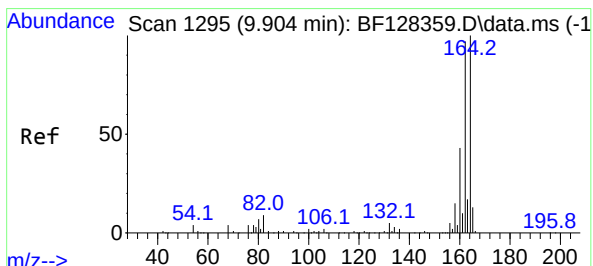
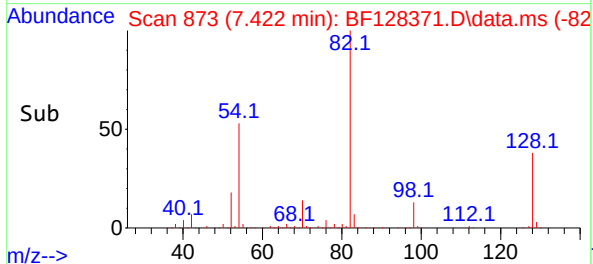
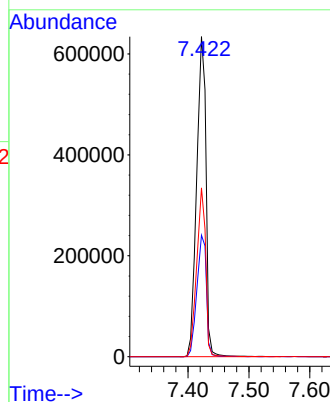
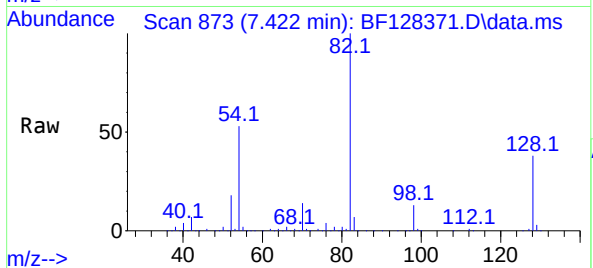




#23
Nitrobenzene-d5
Concen: 77.851 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128371.D
Acq: 20 May 2022 18:39

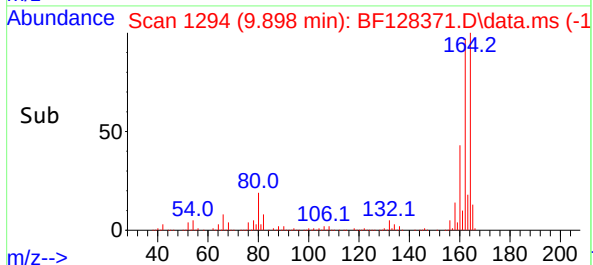
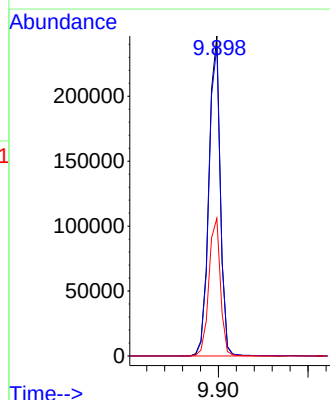
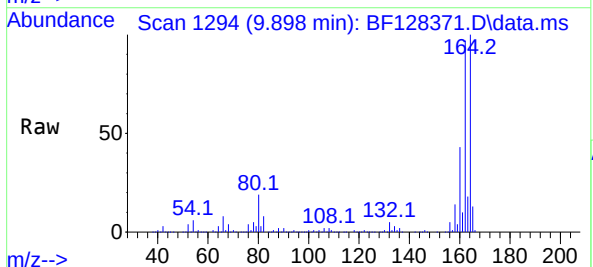
Instrument :
BNA_F
ClientSampleId :
MW-42

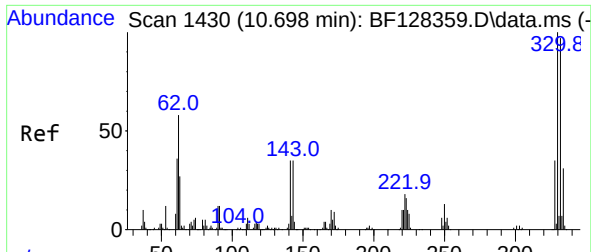
Tgt Ion: 82 Resp: 674854
Ion Ratio Lower Upper
82 100
128 38.0 30.0 45.0
54 52.8 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF128371.D
Acq: 20 May 2022 18:39

Tgt Ion:164 Resp: 217229
Ion Ratio Lower Upper
164 100
162 96.8 76.0 114.0
160 43.0 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 117.169 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.006 min

Lab File: BF128371.D

Acq: 20 May 2022 18:39

Instrument :

BNA_F

ClientSampleId :

MW-42

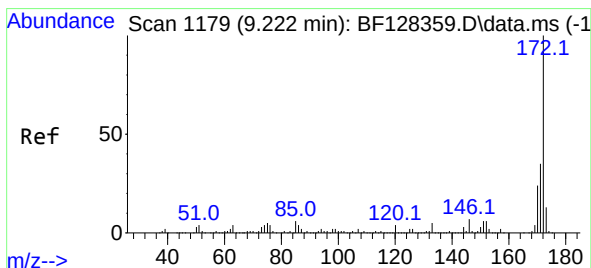
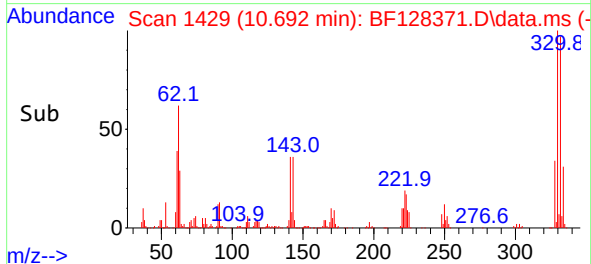
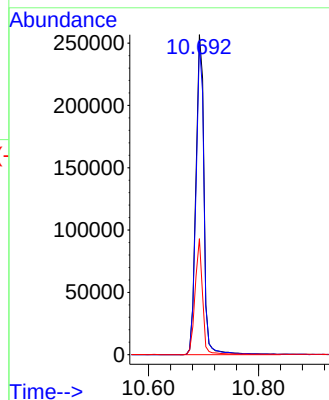
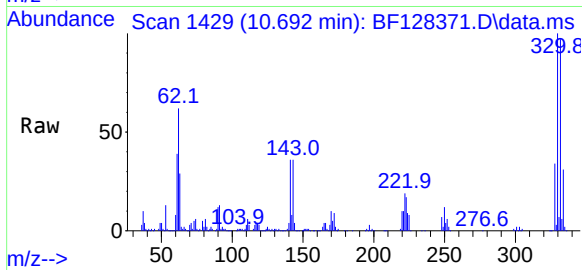
Tgt Ion:330 Resp: 262492

Ion Ratio Lower Upper

330 100

332 95.9 79.0 118.4

141 33.7 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 81.677 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF128371.D

Acq: 20 May 2022 18:39

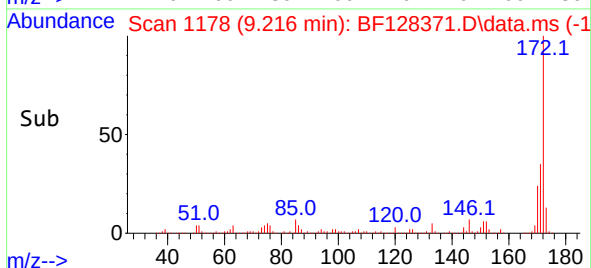
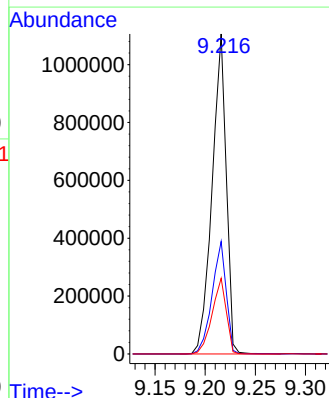
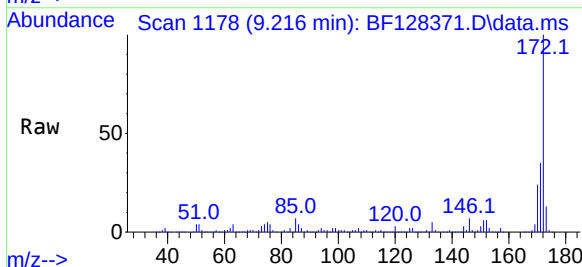
Tgt Ion:172 Resp: 1084950

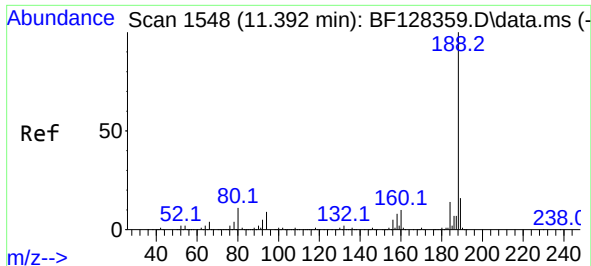
Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

170 23.7 19.1 28.7

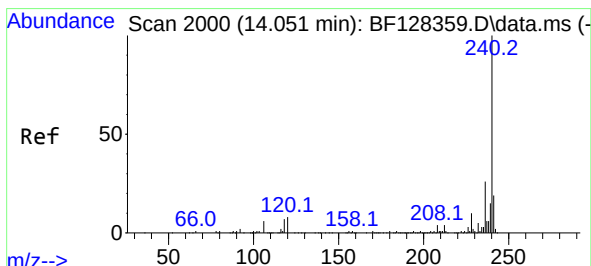
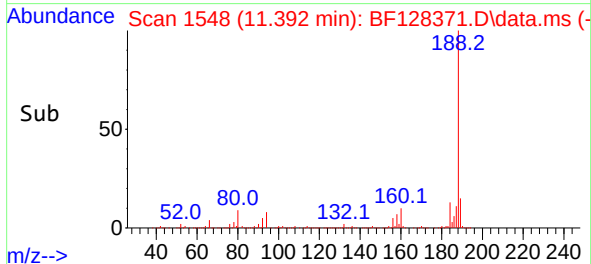
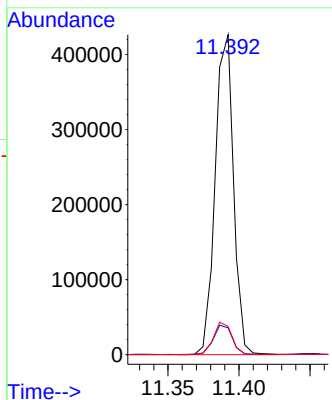
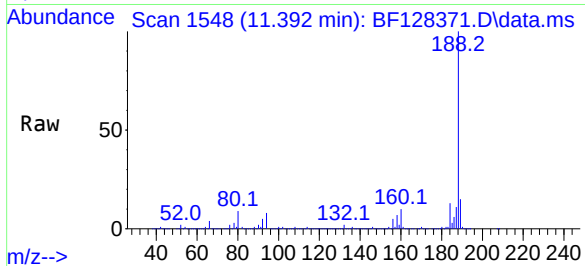




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128371.D
Acq: 20 May 2022 18:39

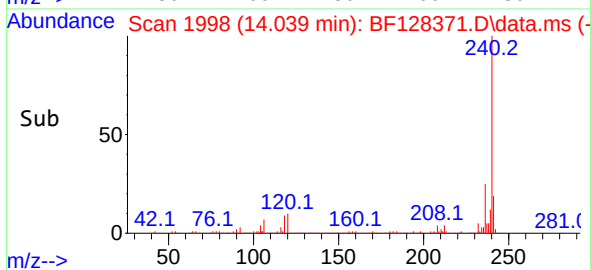
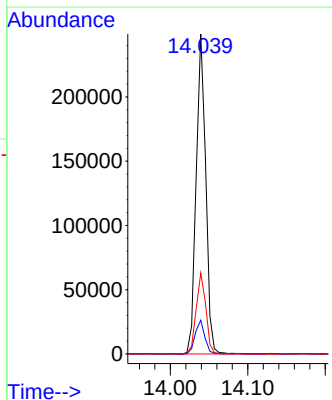
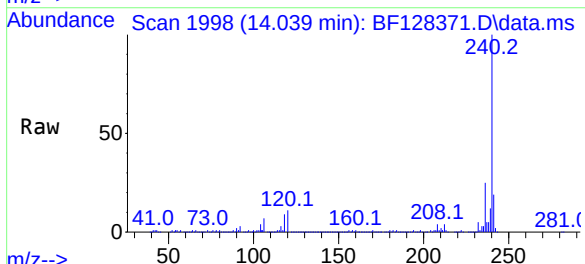
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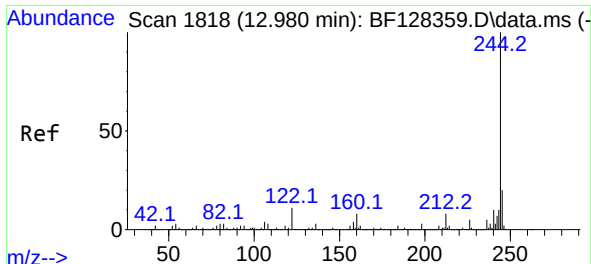
Tgt Ion:188 Resp: 382190
Ion Ratio Lower Upper
188 100
94 8.4 8.0 12.0
80 8.8 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF128371.D
Acq: 20 May 2022 18:39

Tgt Ion:240 Resp: 213420
Ion Ratio Lower Upper
240 100
120 10.5 7.0 10.6
236 25.3 20.3 30.5

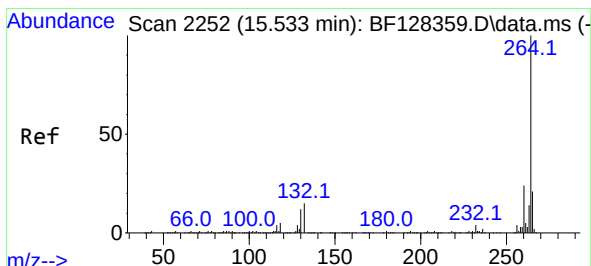
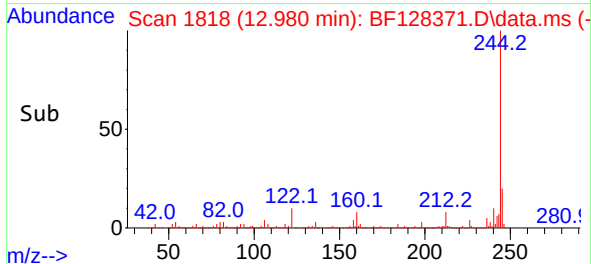
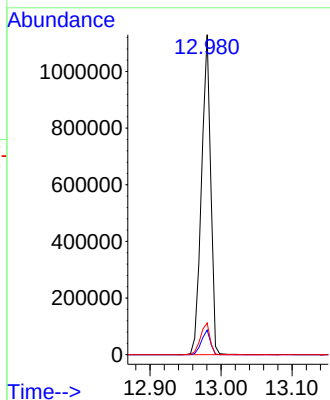
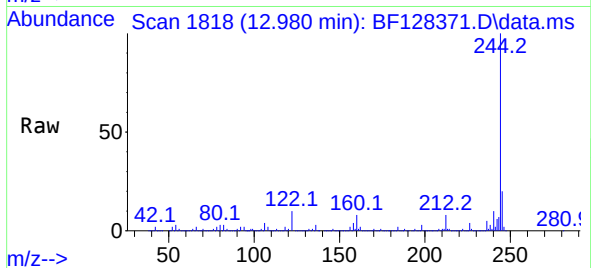




#79
 Terphenyl-d14
 Concen: 92.083 ng
 RT: 12.980 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF128371.D
 Acq: 20 May 2022 18:39

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1018039
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 9.9 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2251
 Delta R.T. -0.006 min
 Lab File: BF128371.D
 Acq: 20 May 2022 18:39

Tgt Ion:264 Resp: 181608
 Ion Ratio Lower Upper
 264 100
 260 24.5 20.1 30.1
 265 21.1 17.5 26.3

