

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092922\
 Data File : BF130471.D
 Acq On : 29 Sep 2022 17:33
 Operator : CG\JU
 Sample : N4860-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Quant Time: Sep 30 03:08:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.640	152	111304	20.000	ng	0.00
21) Naphthalene-d8	7.922	136	424824	20.000	ng	# 0.00
39) Acenaphthene-d10	9.669	164	220594	20.000	ng	-0.01
64) Phenanthrene-d10	11.151	188	353230	20.000	ng	0.00
76) Chrysene-d12	13.780	240	200980	20.000	ng	-0.01
86) Perylene-d12	15.168	264	195427	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.245	112	436702	68.052	ng	0.00
7) Phenol-d6	6.281	99	336435	41.900	ng	-0.01
23) Nitrobenzene-d5	7.210	82	733258	88.180	ng	0.00
42) 2,4,6-Tribromophenol	10.463	330	362472	171.486	ng	0.00
45) 2-Fluorobiphenyl	8.998	172	1455425	96.076	ng	-0.01
79) Terphenyl-d14	12.739	244	1351142	111.362	ng	0.00

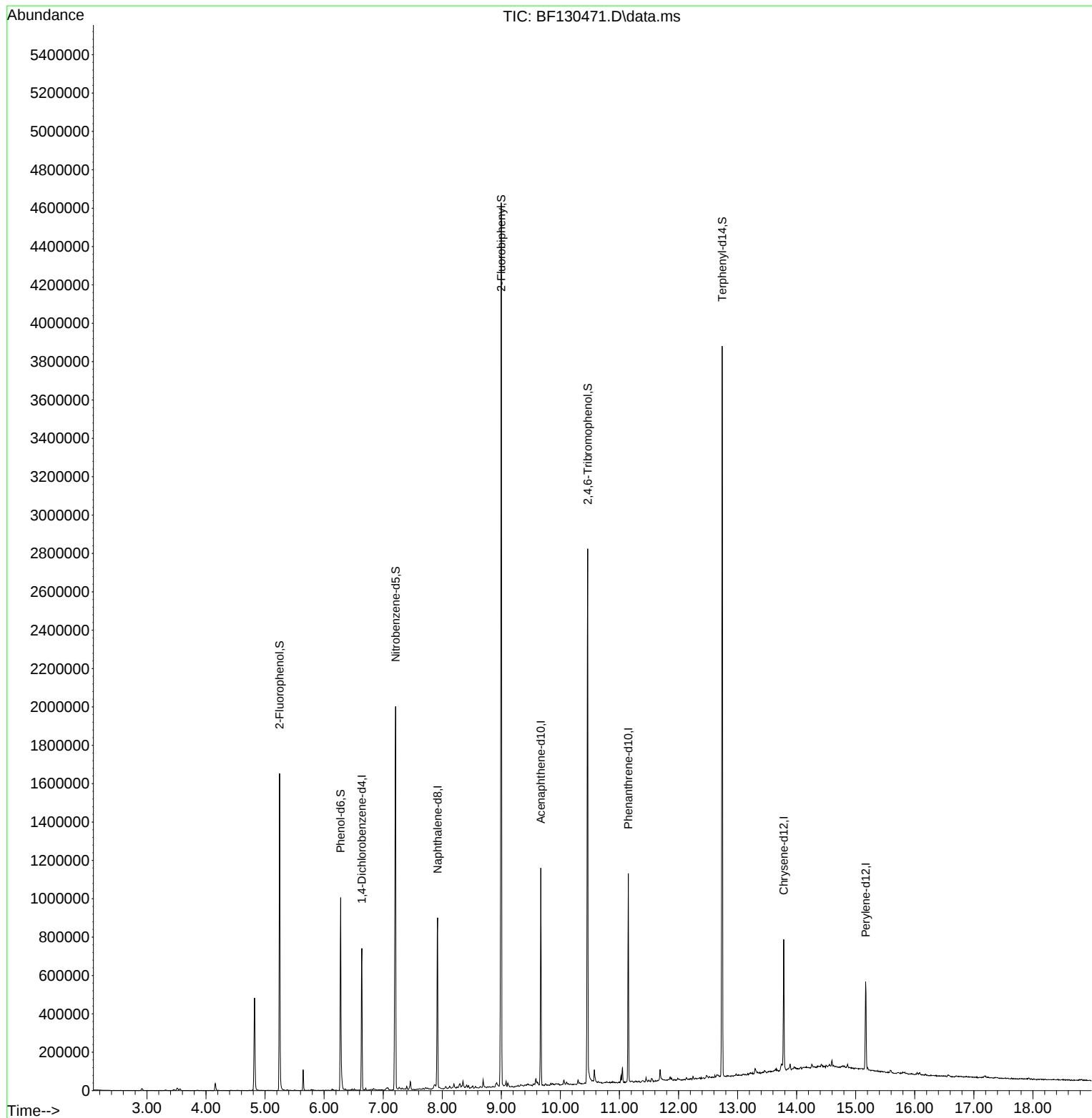
Target Compounds	Qvalue

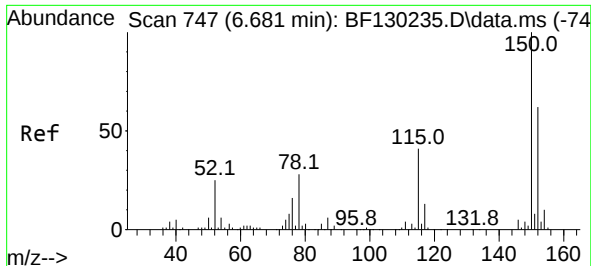
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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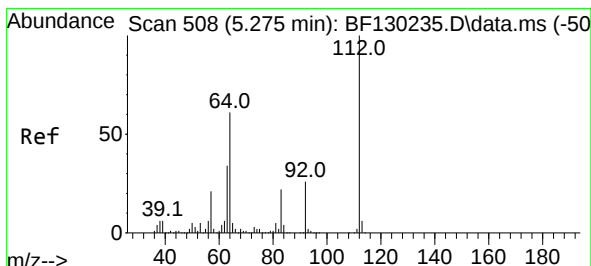
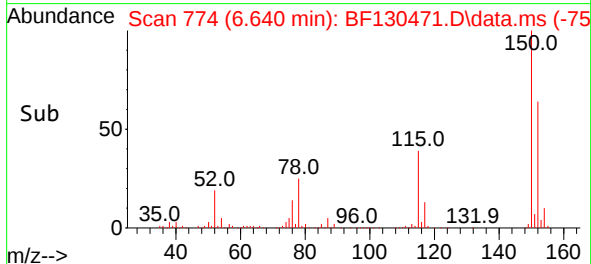
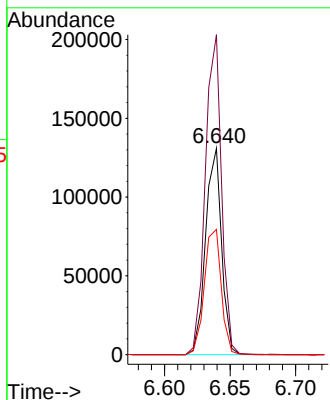
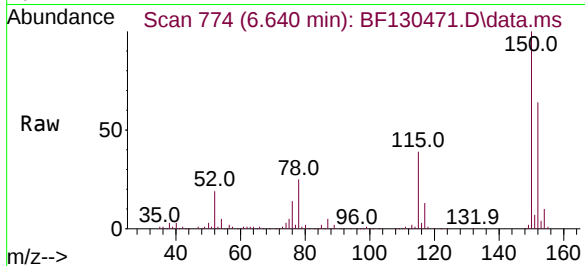




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.640 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF130471.D
Acq: 29 Sep 2022 17:33

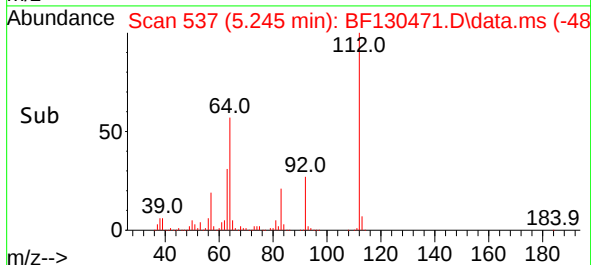
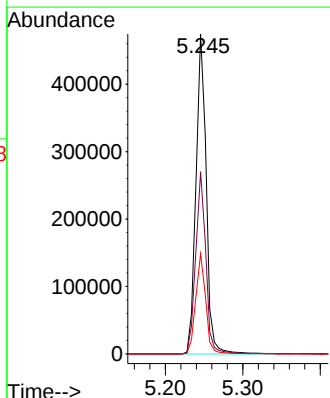
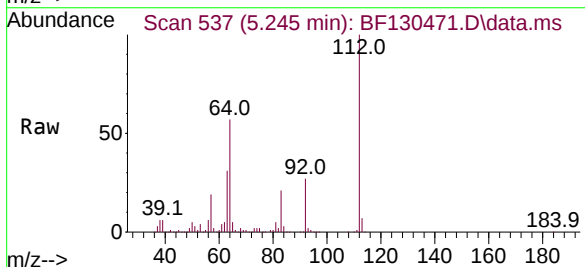
Instrument :
BNA_F
ClientSampleId :
MW-04

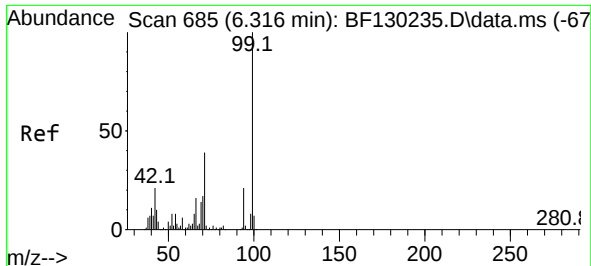
Tgt Ion:152 Resp: 111304
Ion Ratio Lower Upper
152 100
150 155.1 122.8 184.2
115 60.7 53.8 80.8



#5
2-Fluorophenol
Concen: 68.052 ng
RT: 5.245 min Scan# 537
Delta R.T. 0.000 min
Lab File: BF130471.D
Acq: 29 Sep 2022 17:33

Tgt Ion:112 Resp: 436702
Ion Ratio Lower Upper
112 100
64 57.0 51.4 77.0
63 31.3 28.8 43.2

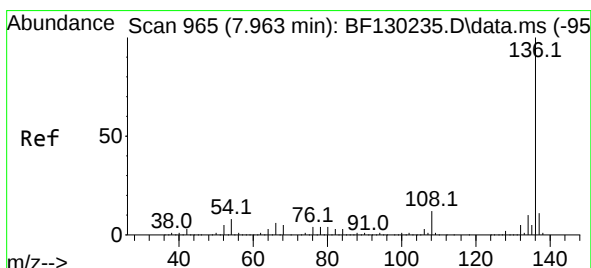
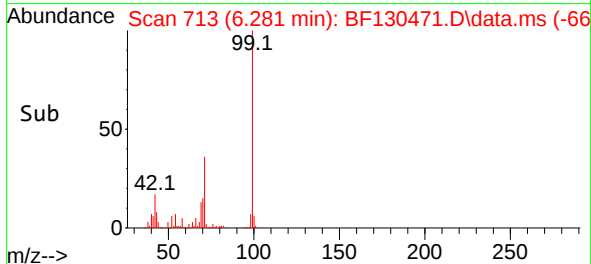
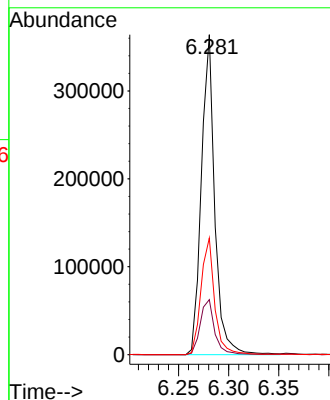
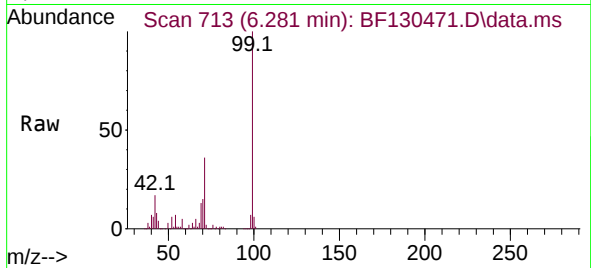




#7
Phenol-d6
Concen: 41.900 ng
RT: 6.281 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130471.D
Acq: 29 Sep 2022 17:33

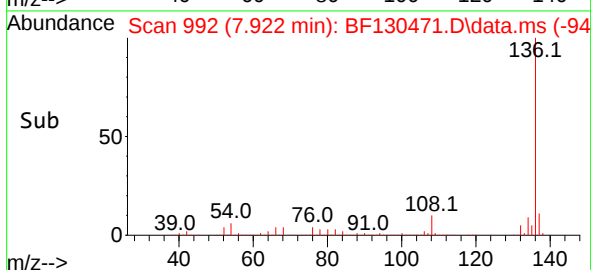
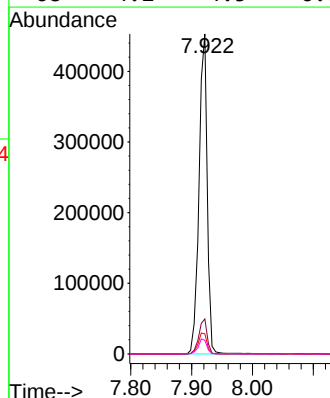
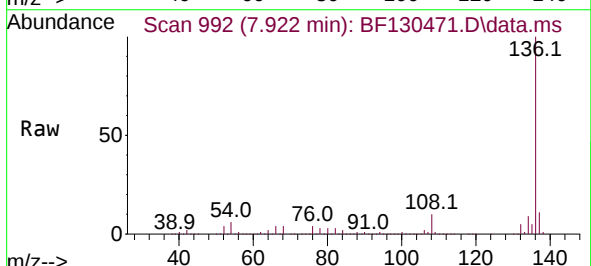
Instrument :
BNA_F
ClientSampleId :
MW-04

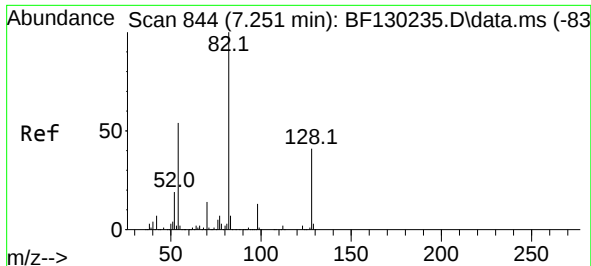
Tgt Ion: 99 Resp: 336435
Ion Ratio Lower Upper
99 100
42 17.2 17.0 25.6
71 36.4 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.922 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF130471.D
Acq: 29 Sep 2022 17:33

Tgt Ion: 136 Resp: 424824
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 6.3 7.1 10.7#
68 4.2 4.5 6.7#





#23

Nitrobenzene-d5

Concen: 88.180 ng

RT: 7.210 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130471.D

Acq: 29 Sep 2022 17:33

Instrument :

BNA_F

ClientSampleId :

MW-04

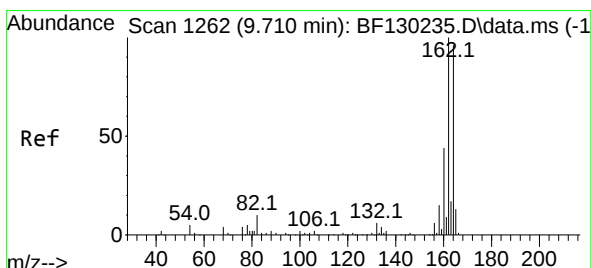
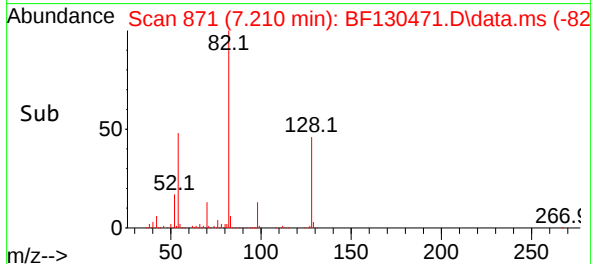
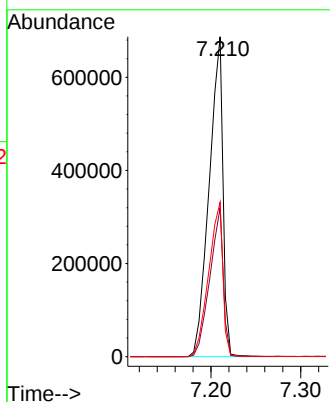
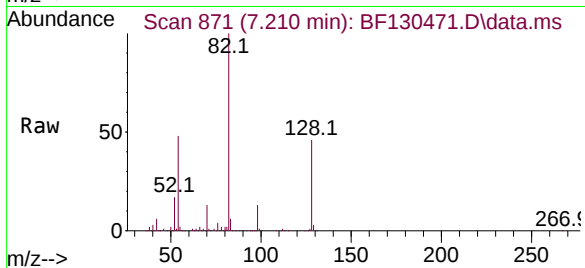
Tgt Ion: 82 Resp: 733258

Ion Ratio Lower Upper

82 100

128 46.5 32.6 49.0

54 48.3 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.669 min Scan# 1289

Delta R.T. -0.012 min

Lab File: BF130471.D

Acq: 29 Sep 2022 17:33

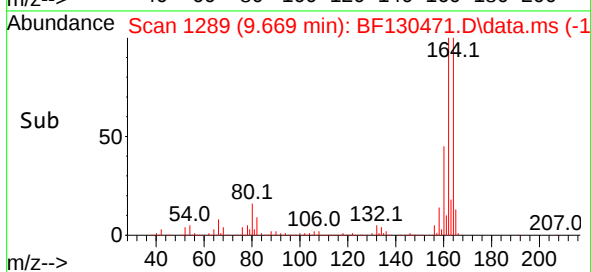
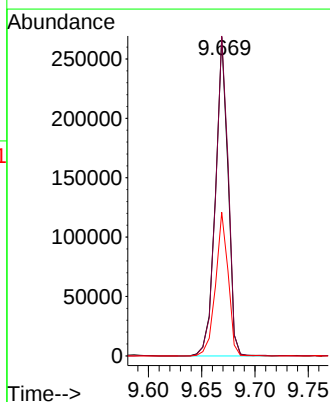
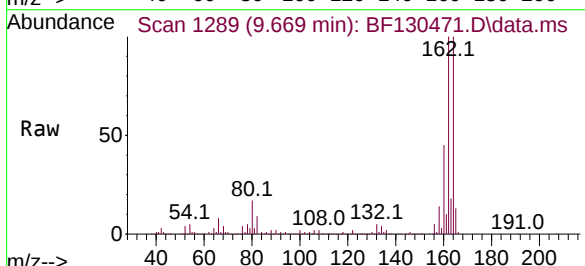
Tgt Ion: 164 Resp: 220594

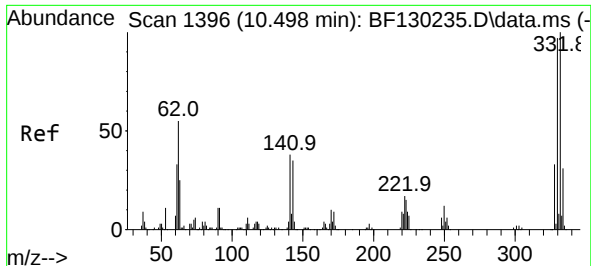
Ion Ratio Lower Upper

164 100

162 100.4 81.4 122.0

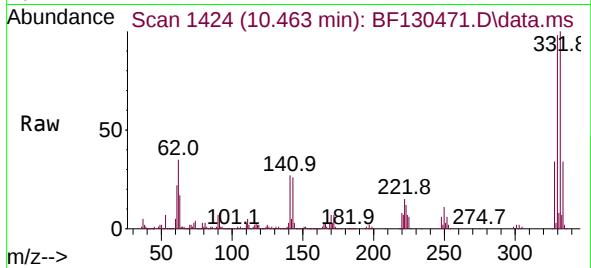
160 45.1 36.2 54.4



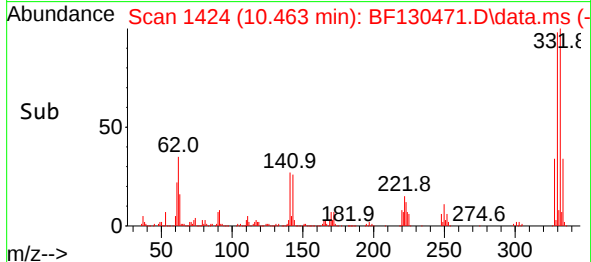
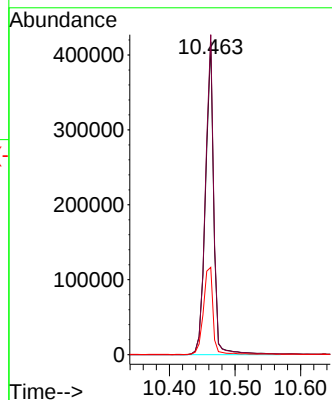


#42
2,4,6-Tribromophenol
Concen: 171.486 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF130471.D
Acq: 29 Sep 2022 17:33

Instrument :
BNA_F
ClientSampleId :
MW-04

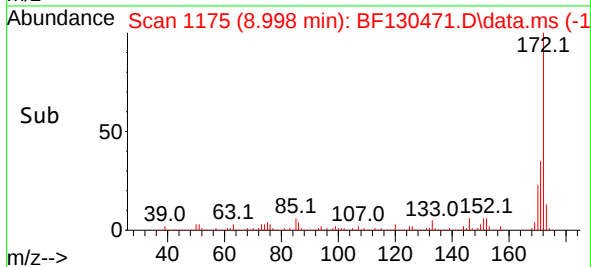
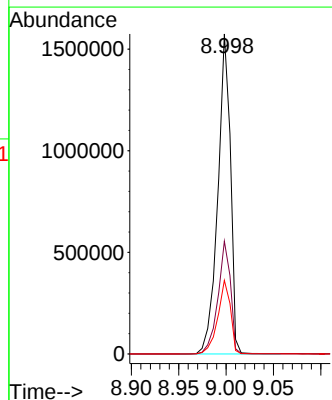
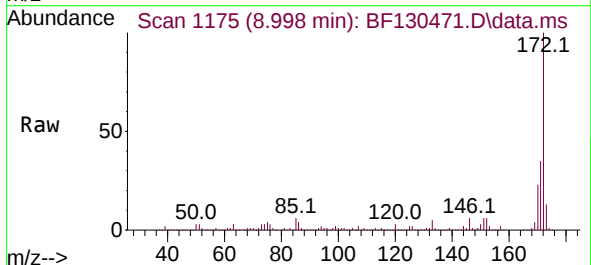


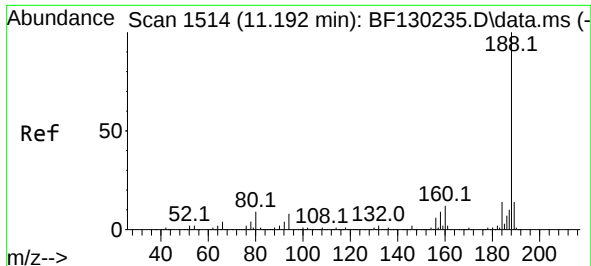
Tgt Ion: 330 Resp: 362472
Ion Ratio Lower Upper
330 100
332 103.1 83.4 125.2
141 32.9 34.0 51.0#



#45
2-Fluorobiphenyl
Concen: 96.076 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF130471.D
Acq: 29 Sep 2022 17:33

Tgt Ion: 172 Resp: 1455425
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.0 18.7 28.1

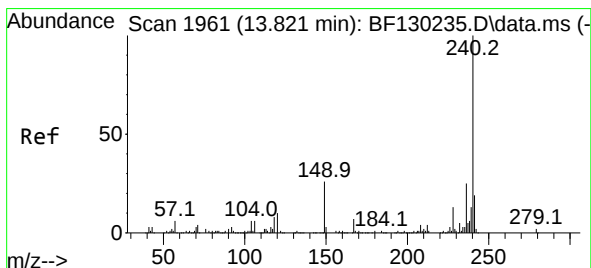
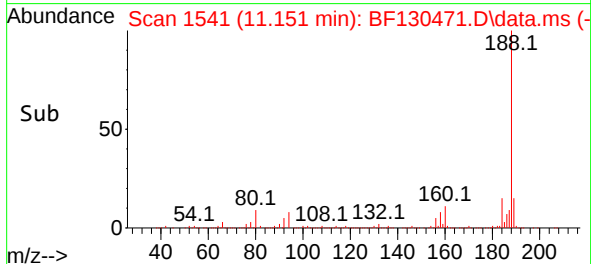
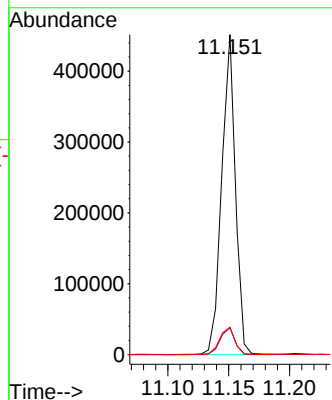
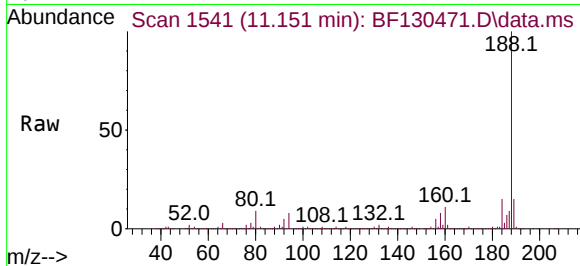




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130471.D
Acq: 29 Sep 2022 17:33

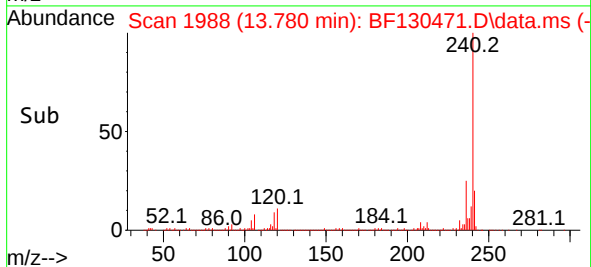
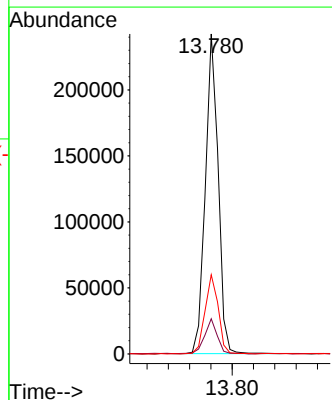
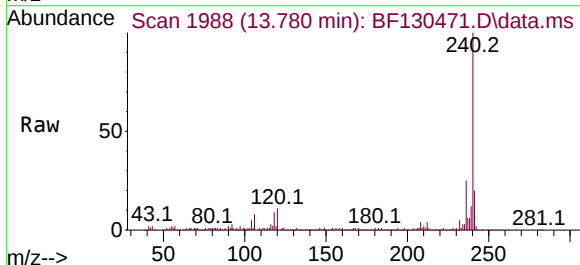
Instrument :
BNA_F
ClientSampleId :
MW-04

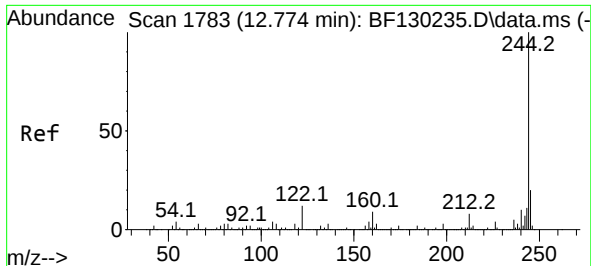
Tgt Ion:188 Resp: 353230
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.2
80 8.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BF130471.D
Acq: 29 Sep 2022 17:33

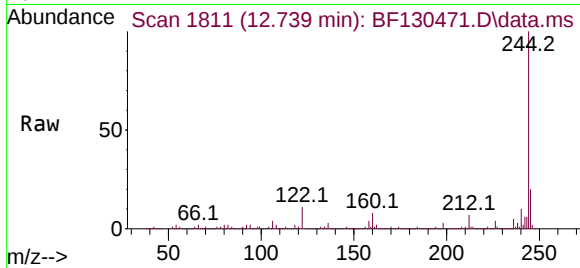
Tgt Ion:240 Resp: 200980
Ion Ratio Lower Upper
240 100
120 11.0 8.7 13.1
236 24.7 20.9 31.3



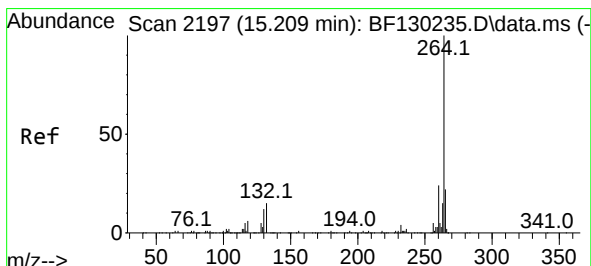
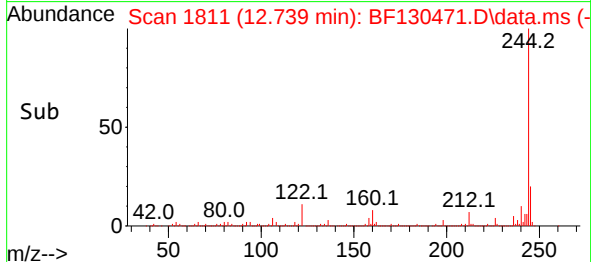
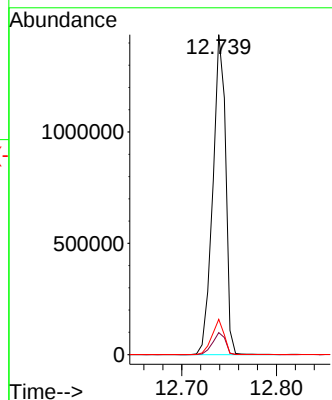


#79
 Terphenyl-d14
 Concen: 111.362 ng
 RT: 12.739 min Scan# 1811
 Delta R.T. -0.006 min
 Lab File: BF130471.D
 Acq: 29 Sep 2022 17:33

Instrument :
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Tgt Ion:244 Resp: 1351142
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 11.1 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.168 min Scan# 2224
 Delta R.T. -0.006 min
 Lab File: BF130471.D
 Acq: 29 Sep 2022 17:33

Tgt Ion:264 Resp: 195427
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 21.1 17.0 25.4

