

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
 Data File : BF128439.D
 Acq On : 24 May 2022 17:15
 Operator : CG\JU
 Sample : N2874-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P007-SS002-2430-01

Quant Time: May 25 03:55:39 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	89167	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	329654	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	169768	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	257910	20.000	ng	0.00
76) Chrysene-d12	14.021	240	204379	20.000	ng	#-0.01
86) Perylene-d12	15.504	264	192071	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	482867	86.178	ng	0.00
7) Phenol-d6	6.481	99	608270	82.442	ng	-0.01
23) Nitrobenzene-d5	7.410	82	422728	57.455	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	120836	69.017	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	626657	60.364	ng	0.00
79) Terphenyl-d14	12.957	244	531413	50.193	ng	0.00

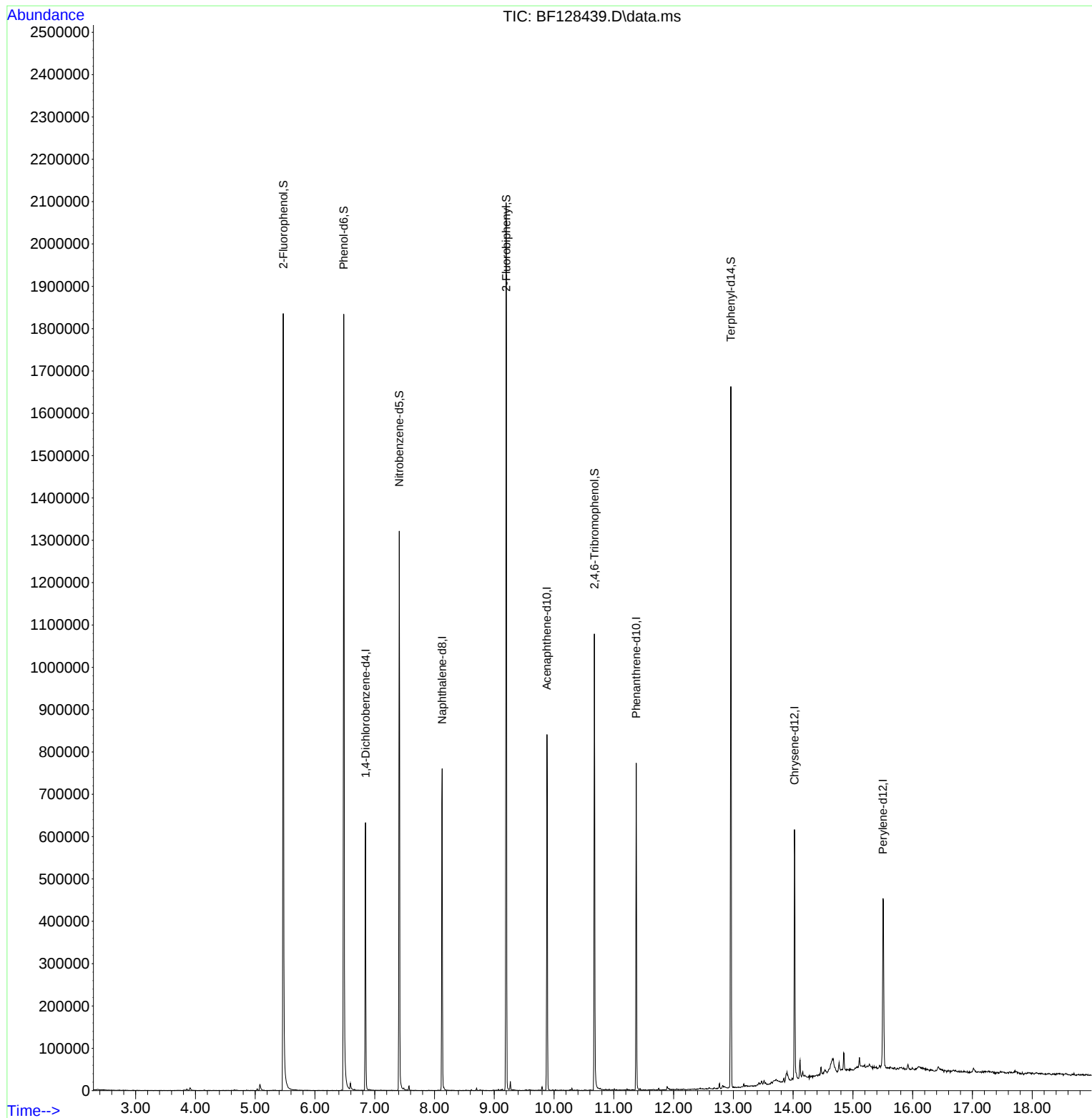
Target Compounds	Qvalue

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

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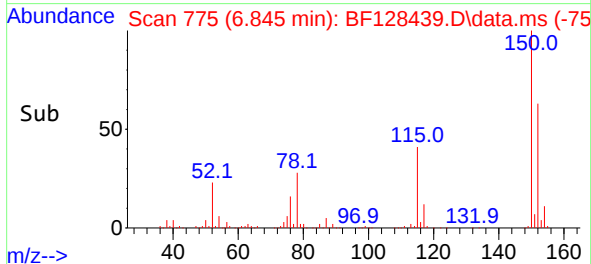
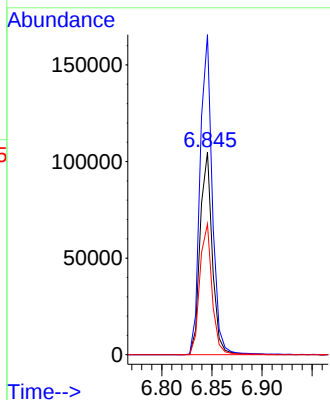
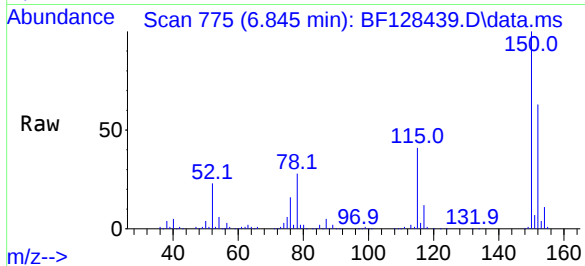




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128439.D
Acq: 24 May 2022 17:15

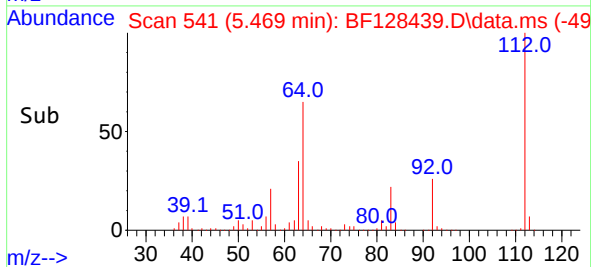
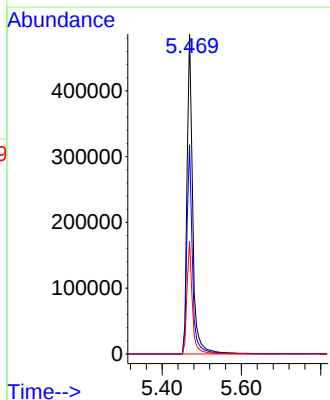
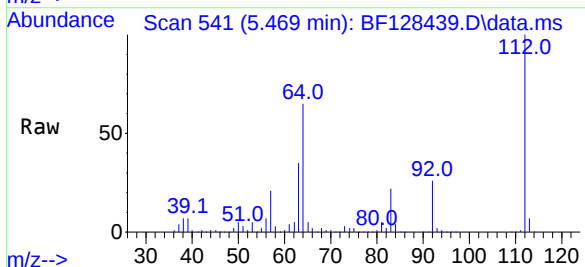
Instrument :
BNA_F
ClientSampleId :
P007-SS002-2430-01

Tgt Ion:152 Resp: 89167
Ion Ratio Lower Upper
152 100
150 158.0 125.3 187.9
115 64.5 48.8 73.2

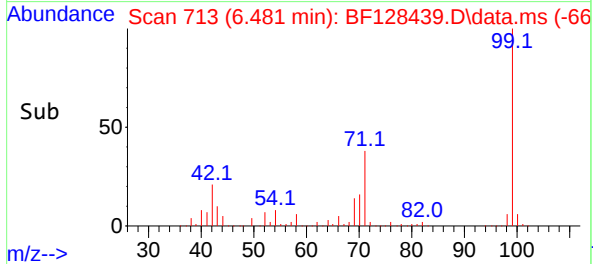
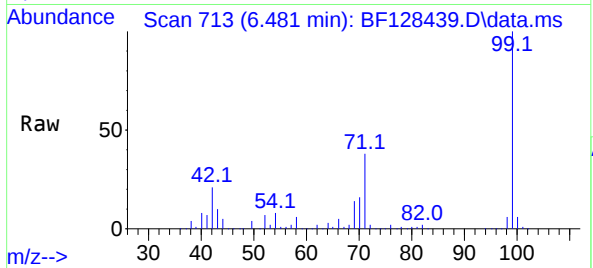
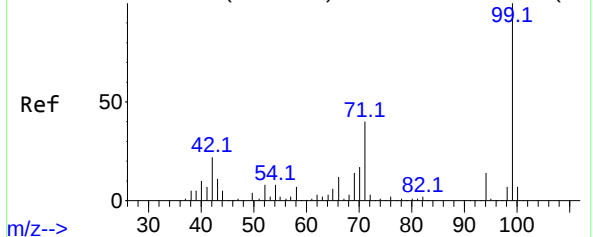


#5
2-Fluorophenol
Concen: 86.178 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.000 min
Lab File: BF128439.D
Acq: 24 May 2022 17:15

Tgt Ion:112 Resp: 482867
Ion Ratio Lower Upper
112 100
64 65.4 49.5 74.3
63 35.3 26.3 39.5



Abundance Scan 716 (6.498 min): BF128359.D\data.ms (-70



#7

Phenol-d6

Concen: 82.442 ng

RT: 6.481 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF128439.D

Acq: 24 May 2022 17:15

Instrument :

BNA_F

ClientSampleId :

P007-SS002-2430-01

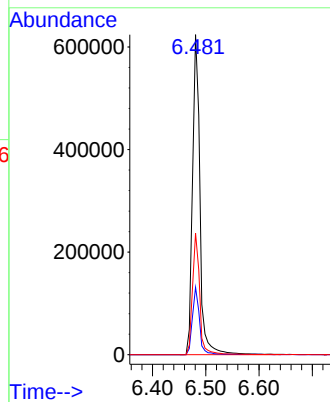
Tgt Ion: 99 Resp: 608270

Ion Ratio Lower Upper

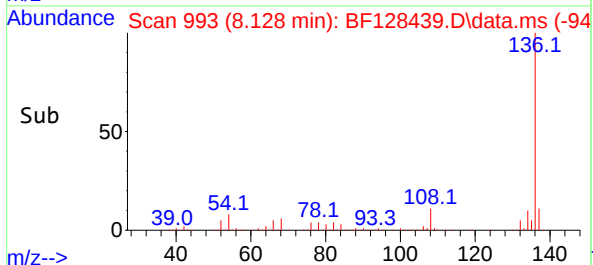
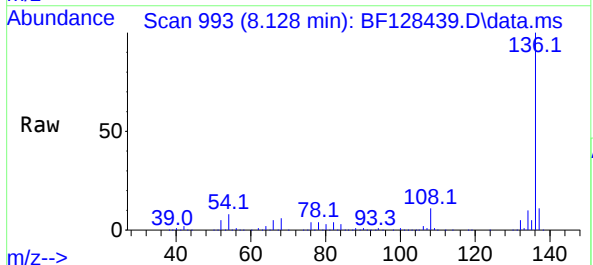
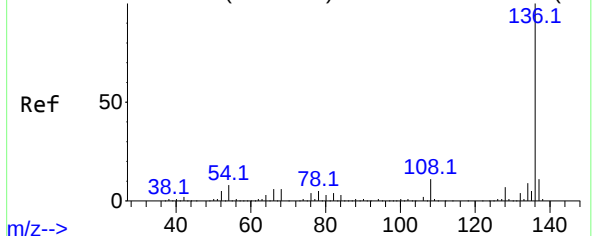
99 100

42 21.0 16.6 24.8

71 38.0 30.0 45.0



Abundance Scan 996 (8.145 min): BF128359.D\data.ms (-98



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 993

Delta R.T. 0.000 min

Lab File: BF128439.D

Acq: 24 May 2022 17:15

Tgt Ion: 136 Resp: 329654

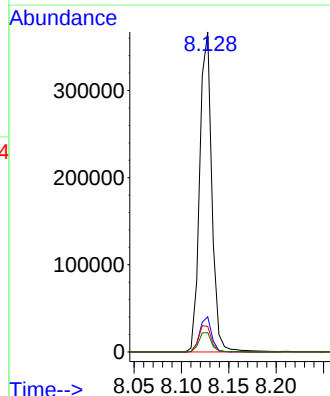
Ion Ratio Lower Upper

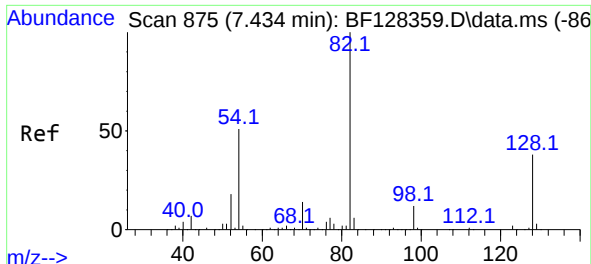
136 100

137 11.0 8.6 13.0

54 8.0 6.8 10.2

68 6.1 5.1 7.7

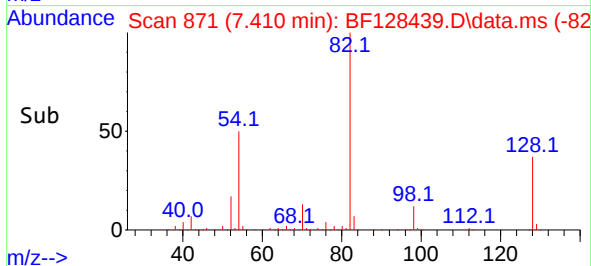
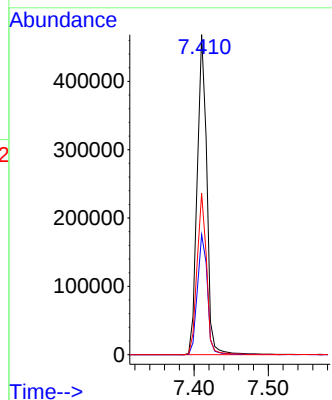
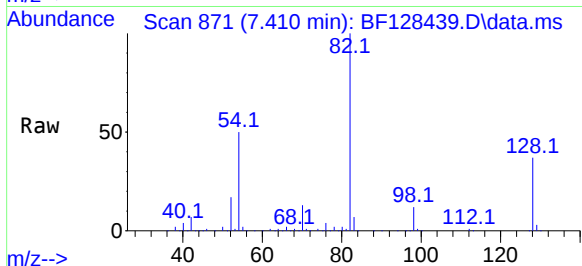




#23
Nitrobenzene-d5
Concen: 57.455 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128439.D
Acq: 24 May 2022 17:15

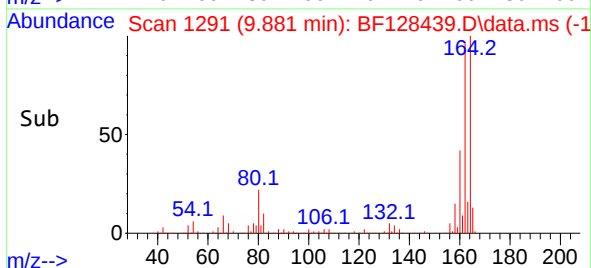
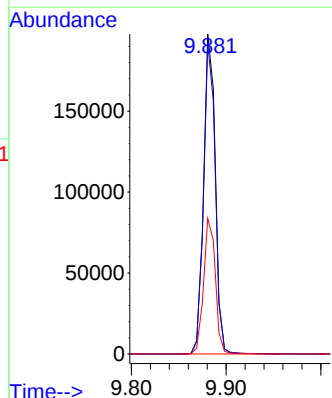
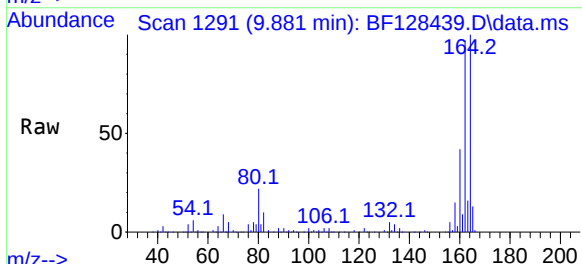
Instrument :
BNA_F
ClientSampleId :
P007-SS002-2430-01

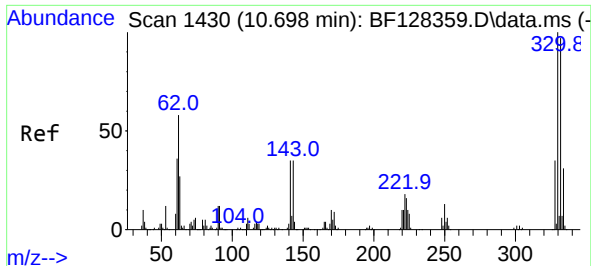
Tgt Ion: 82 Resp: 422728
Ion Ratio Lower Upper
82 100
128 37.5 30.0 45.0
54 50.4 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF128439.D
Acq: 24 May 2022 17:15

Tgt Ion:164 Resp: 169768
Ion Ratio Lower Upper
164 100
162 97.2 76.0 114.0
160 42.4 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 69.017 ng

RT: 10.675 min Scan# 1426

Delta R.T. -0.012 min

Lab File: BF128439.D

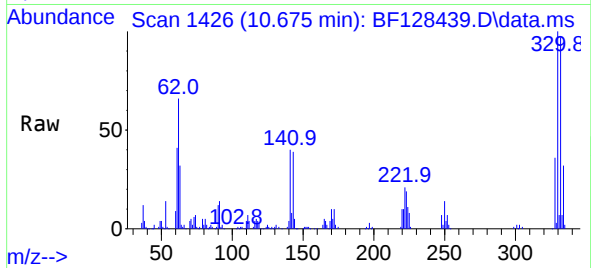
Acq: 24 May 2022 17:15

Instrument :

BNA_F

ClientSampleId :

P007-SS002-2430-01



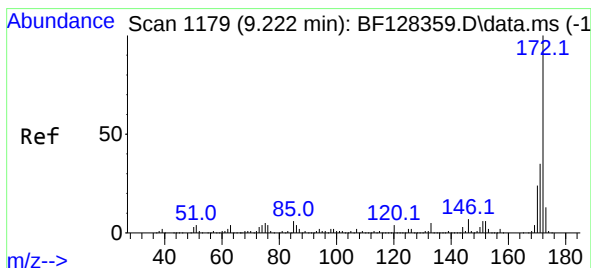
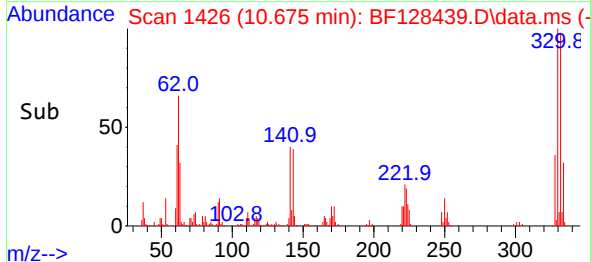
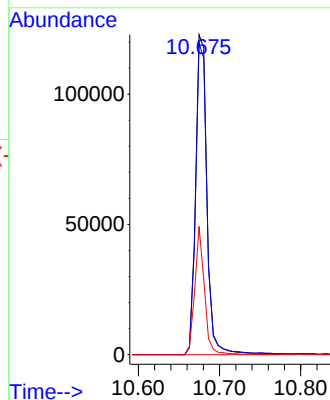
Tgt Ion:330 Resp: 120836

Ion Ratio Lower Upper

330 100

332 96.2 79.0 118.4

141 33.7 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 60.364 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128439.D

Acq: 24 May 2022 17:15

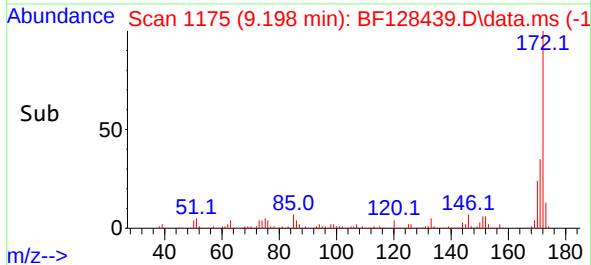
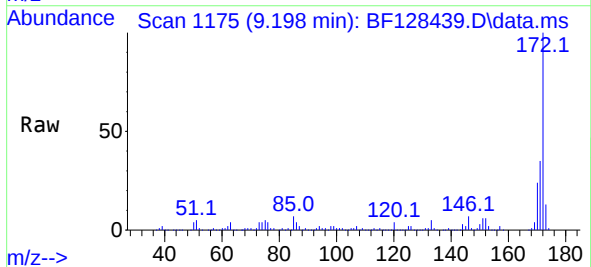
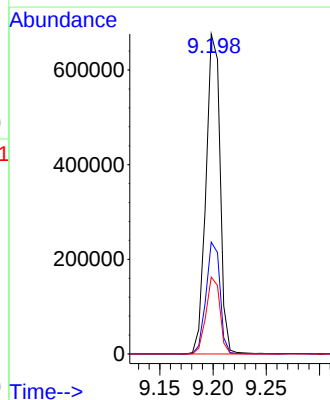
Tgt Ion:172 Resp: 626657

Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 24.0 19.1 28.7

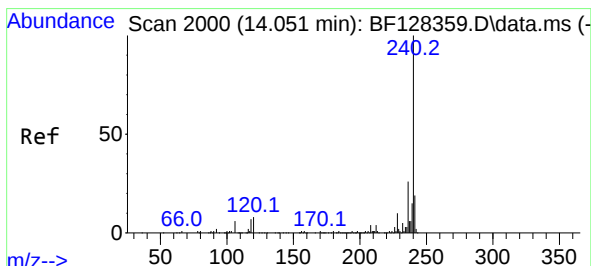
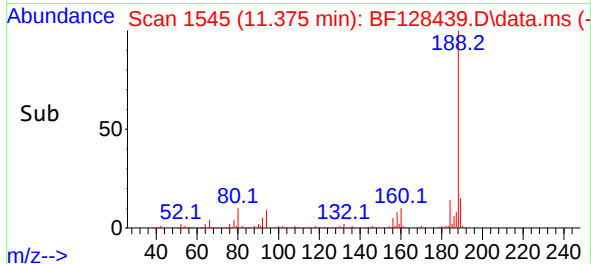
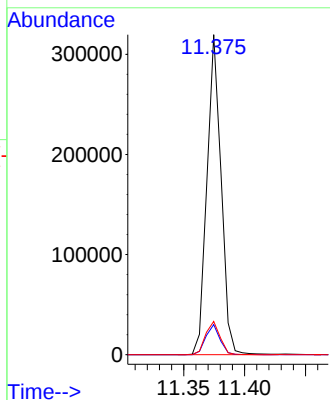
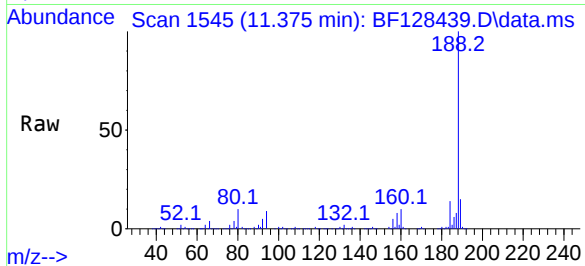




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128439.D
Acq: 24 May 2022 17:15

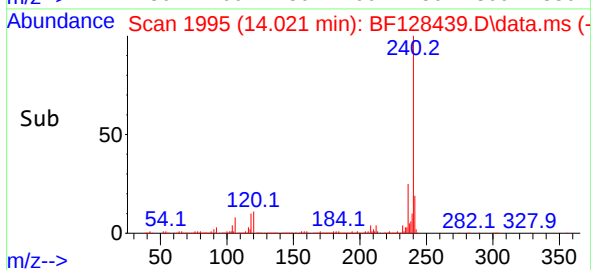
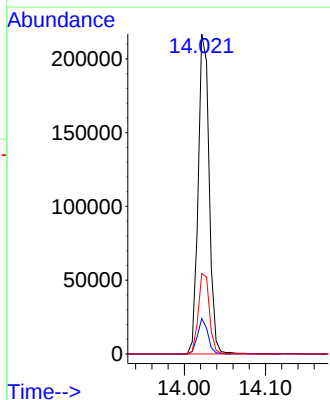
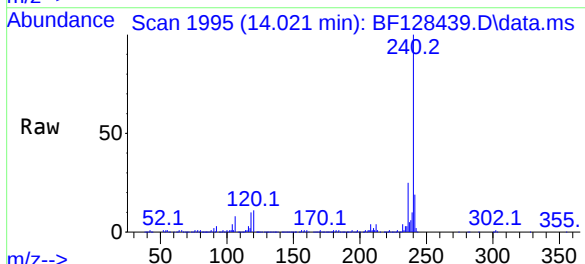
Instrument :
BNA_F
ClientSampleId :
P007-SS002-2430-01

Tgt Ion:188 Resp: 257910
Ion Ratio Lower Upper
188 100
94 9.4 8.0 12.0
80 10.4 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: BF128439.D
Acq: 24 May 2022 17:15

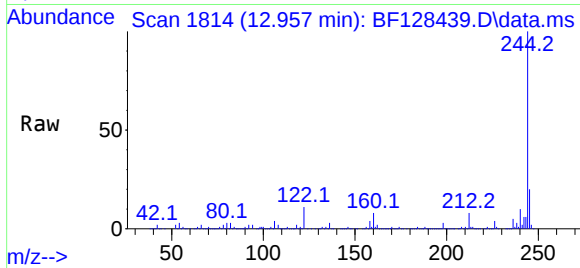
Tgt Ion:240 Resp: 204379
Ion Ratio Lower Upper
240 100
120 11.0 7.0 10.6#
236 25.2 20.3 30.5



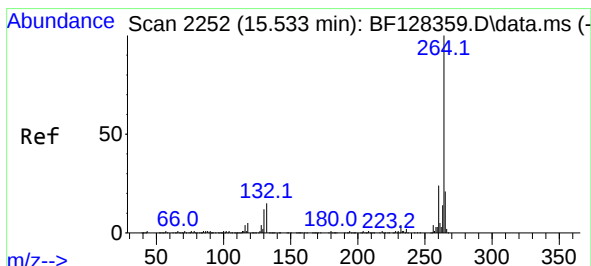
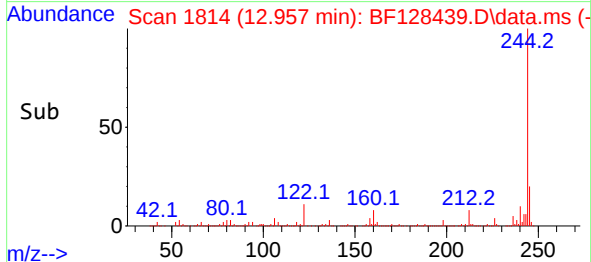
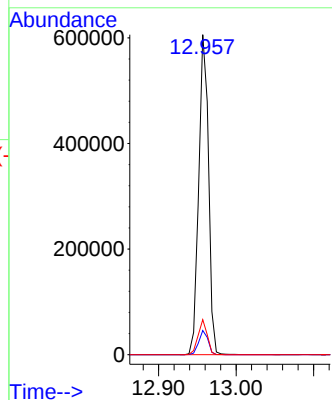


#79
 Terphenyl-d14
 Concen: 50.193 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128439.D
 Acq: 24 May 2022 17:15

Instrument :
 BNA_F
 ClientSampleId :
 P007-SS002-2430-01



Tgt Ion:244 Resp: 531413
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 11.0 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: BF128439.D
 Acq: 24 May 2022 17:15

Tgt Ion:264 Resp: 192071
 Ion Ratio Lower Upper
 264 100
 260 23.0 20.1 30.1
 265 21.4 17.5 26.3

