

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
 Data File : BF130289.D
 Acq On : 16 Sep 2022 13:43
 Operator : CG\JU
 Sample : N4656-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Quant Time: Sep 17 02:31:58 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 14 14:55:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	91713	20.000	ng	0.00
21) Naphthalene-d8	7.957	136	366242	20.000	ng	0.00
39) Acenaphthene-d10	9.704	164	191268	20.000	ng	0.00
64) Phenanthrene-d10	11.186	188	289978	20.000	ng	0.00
76) Chrysene-d12	13.810	240	158284	20.000	ng	-0.01
86) Perylene-d12	15.204	264	191156	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	605578	114.526	ng	0.00
7) Phenol-d6	6.310	99	752748	113.775	ng	0.00
23) Nitrobenzene-d5	7.240	82	492271	68.669	ng	-0.01
42) 2,4,6-Tribromophenol	10.492	330	146086	79.710	ng	0.00
45) 2-Fluorobiphenyl	9.034	172	913899	69.578	ng	0.00
79) Terphenyl-d14	12.774	244	678098	70.965	ng	0.00

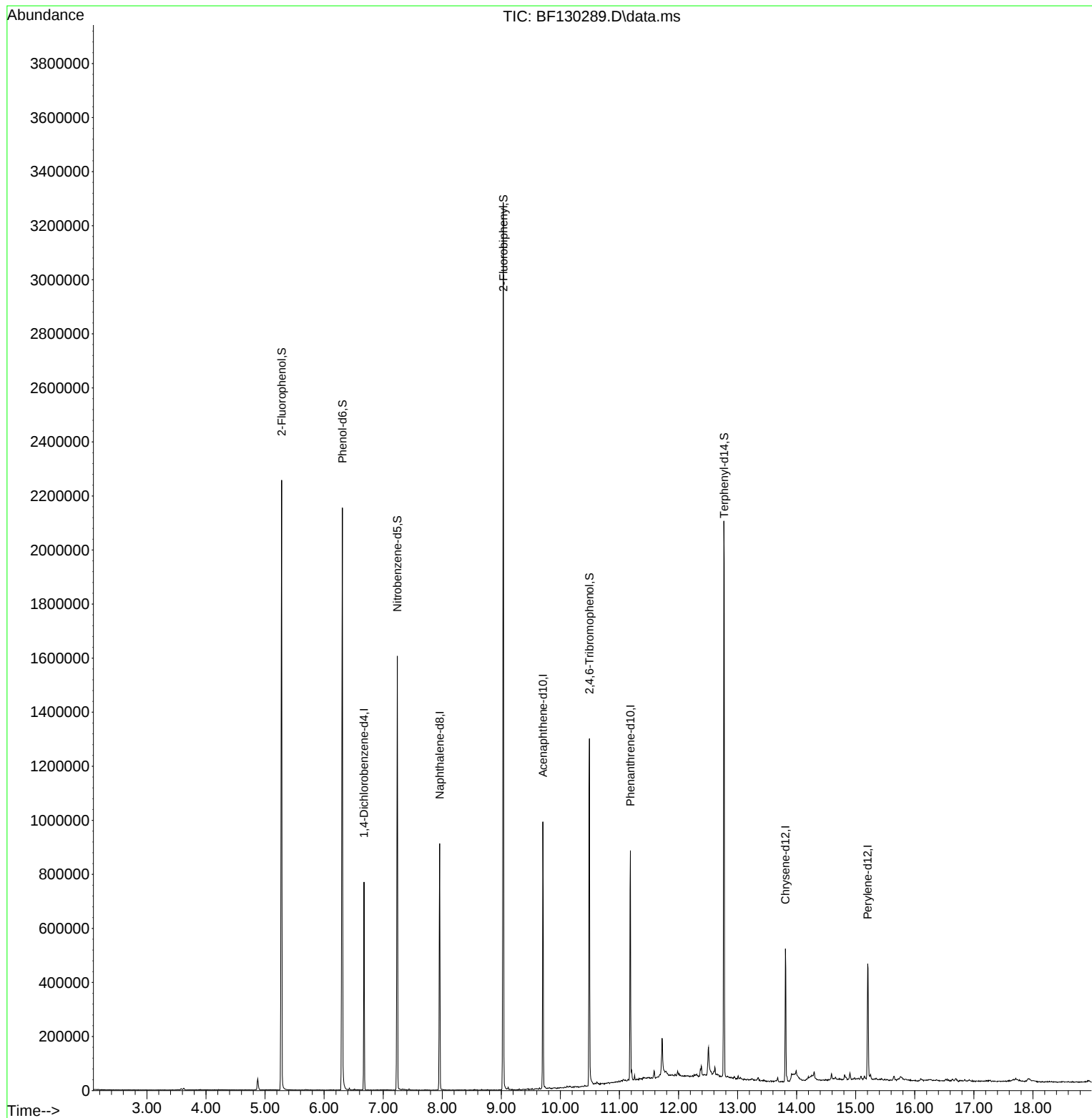
Target Compounds Qvalue

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

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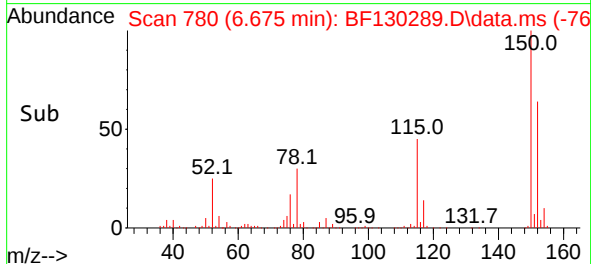
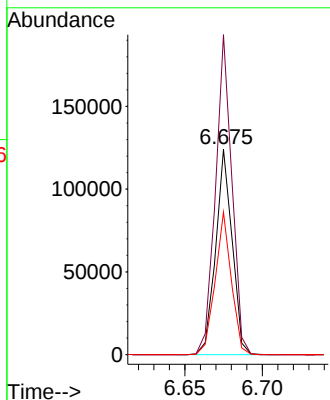
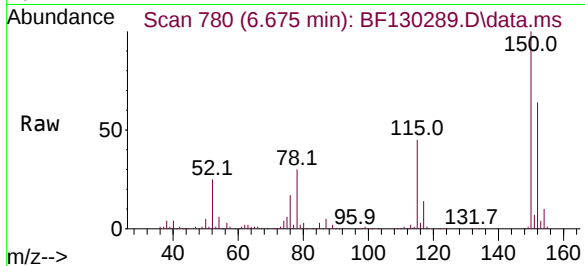




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.675 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF130289.D
Acq: 16 Sep 2022 13:43

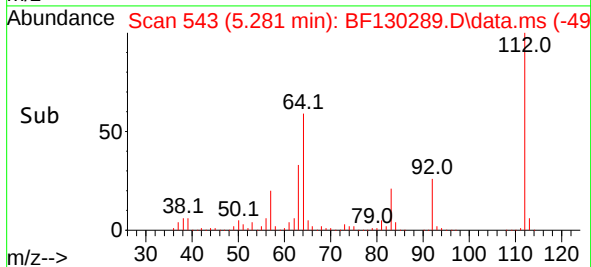
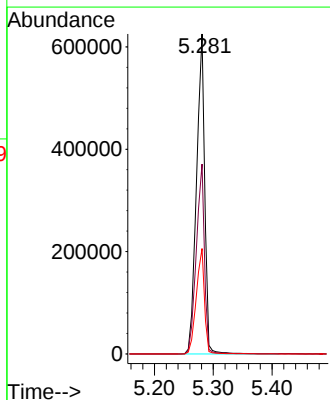
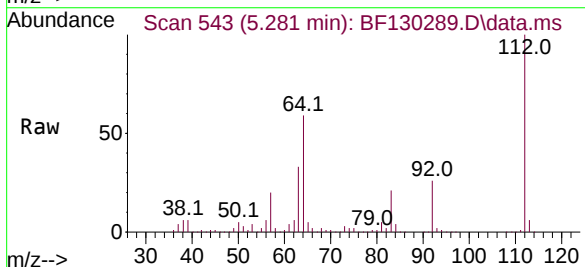
Instrument :
BNA_F
ClientSampleId :
SP-2

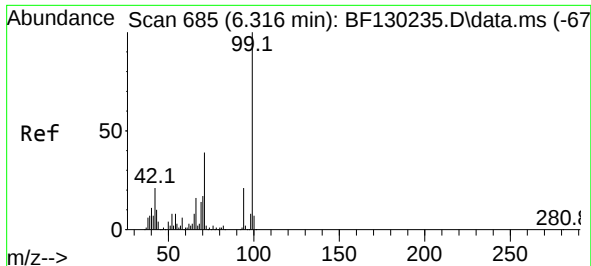
Tgt Ion:152 Resp: 91713
Ion Ratio Lower Upper
152 100
150 155.8 122.8 184.2
115 69.4 53.8 80.8



#5
2-Fluorophenol
Concen: 114.526 ng
RT: 5.281 min Scan# 543
Delta R.T. 0.006 min
Lab File: BF130289.D
Acq: 16 Sep 2022 13:43

Tgt Ion:112 Resp: 605578
Ion Ratio Lower Upper
112 100
64 59.3 51.4 77.0
63 32.9 28.8 43.2

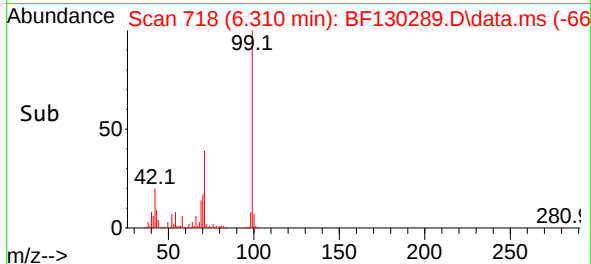
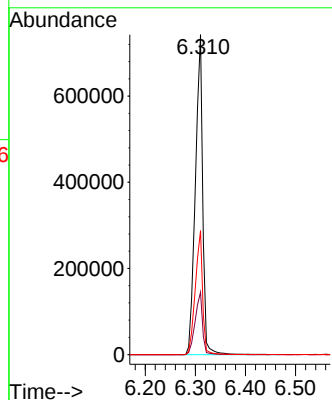
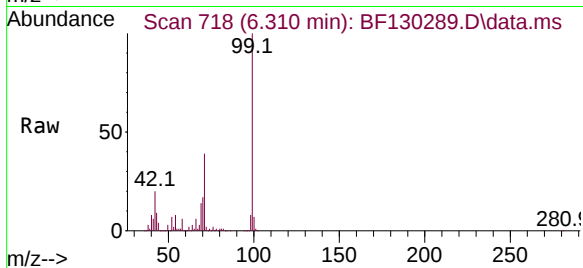




#7
Phenol-d6
Concen: 113.775 ng
RT: 6.310 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130289.D
Acq: 16 Sep 2022 13:43

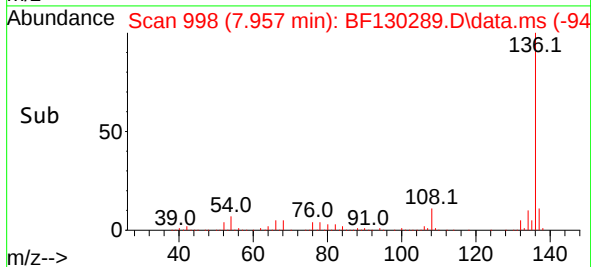
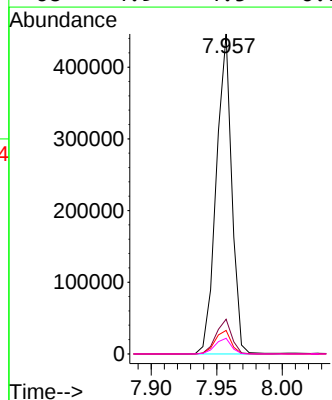
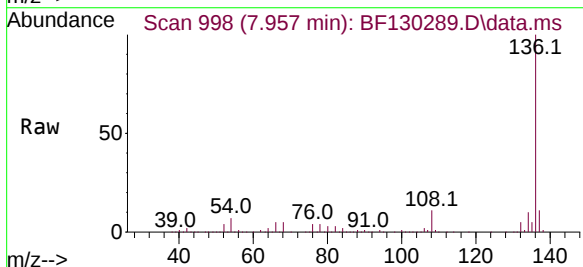
Instrument :
BNA_F
ClientSampleId :
SP-2

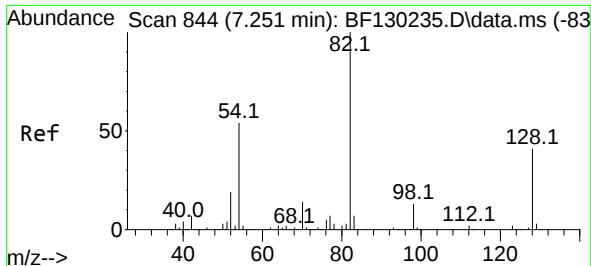
Tgt Ion: 99 Resp: 752748
Ion Ratio Lower Upper
99 100
42 19.5 17.0 25.6
71 38.7 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.957 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF130289.D
Acq: 16 Sep 2022 13:43

Tgt Ion: 136 Resp: 366242
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 7.3 7.1 10.7
68 4.9 4.5 6.7

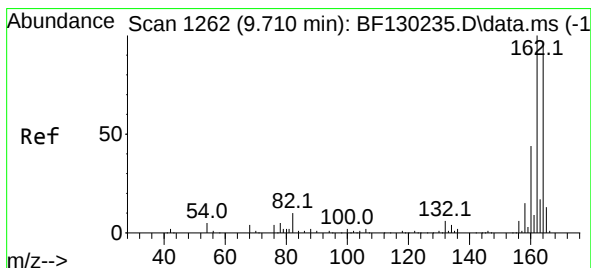
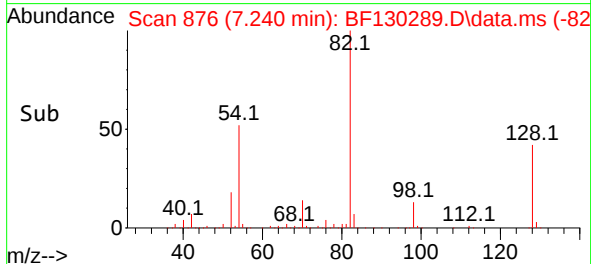
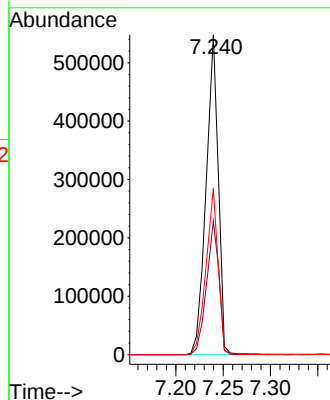
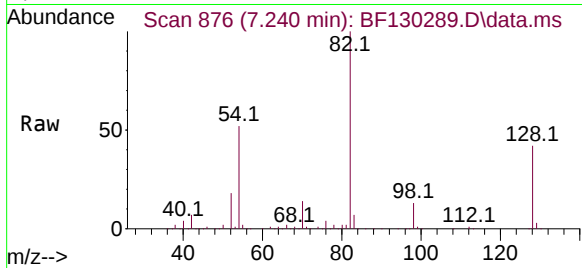




#23
Nitrobenzene-d5
Concen: 68.669 ng
RT: 7.240 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF130289.D
Acq: 16 Sep 2022 13:43

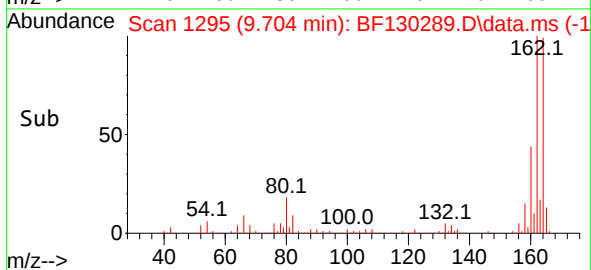
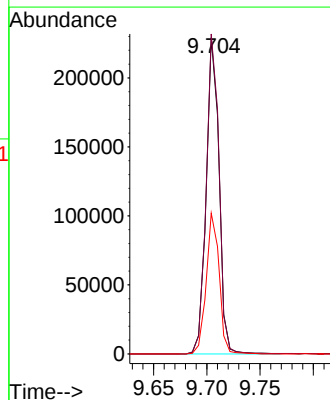
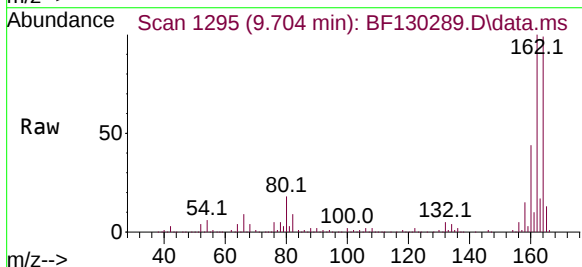
Instrument :
BNA_F
ClientSampleId :
SP-2

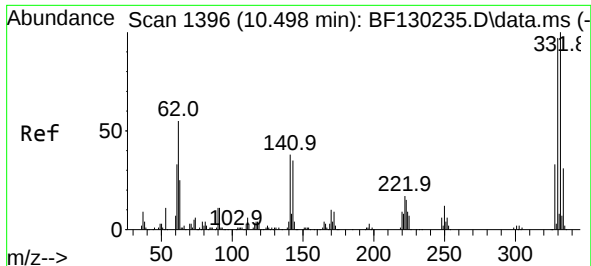
Tgt Ion: 82 Resp: 492271
Ion Ratio Lower Upper
82 100
128 41.7 32.6 49.0
54 51.9 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BF130289.D
Acq: 16 Sep 2022 13:43

Tgt Ion:164 Resp: 191268
Ion Ratio Lower Upper
164 100
162 101.2 81.4 122.0
160 44.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 79.710 ng

RT: 10.492 min Scan# 1429

Delta R.T. -0.006 min

Lab File: BF130289.D

Acq: 16 Sep 2022 13:43

Instrument :

BNA_F

ClientSampleId :

SP-2

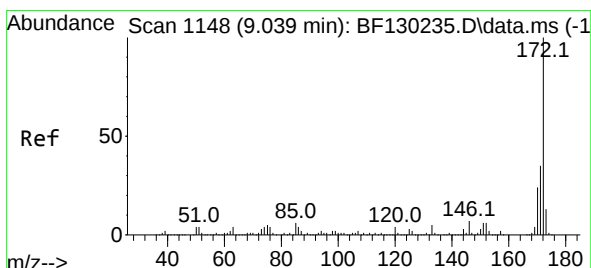
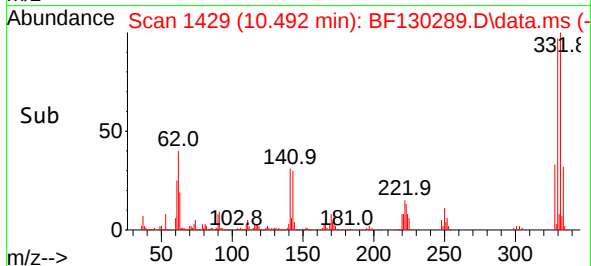
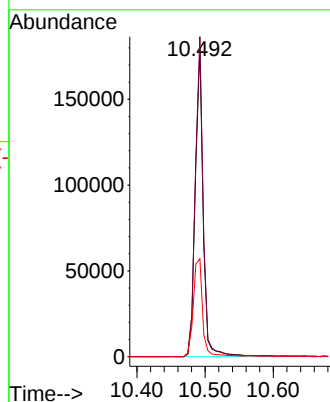
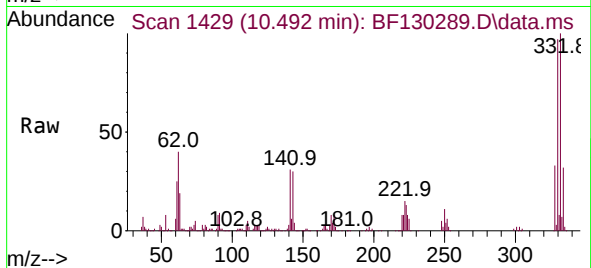
Tgt Ion:330 Resp: 146086

Ion Ratio Lower Upper

330 100

332 103.6 83.4 125.2

141 37.1 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 69.578 ng

RT: 9.034 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF130289.D

Acq: 16 Sep 2022 13:43

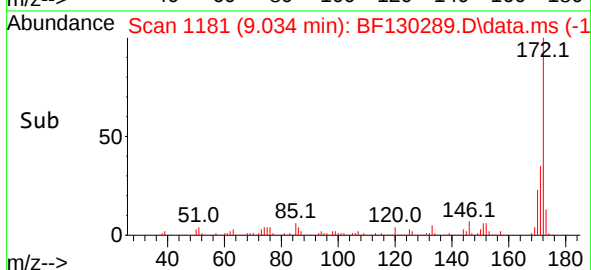
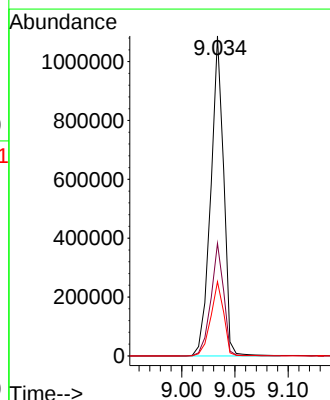
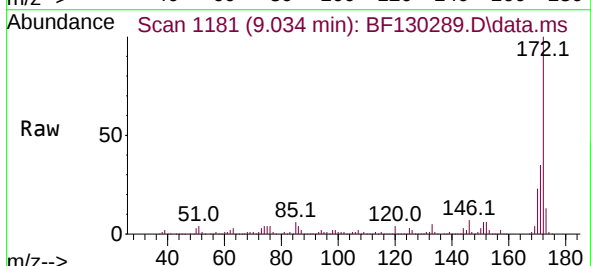
Tgt Ion:172 Resp: 913899

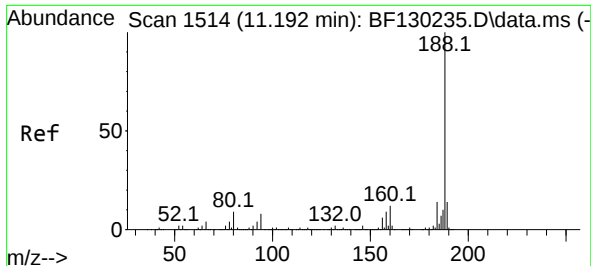
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.2 18.7 28.1

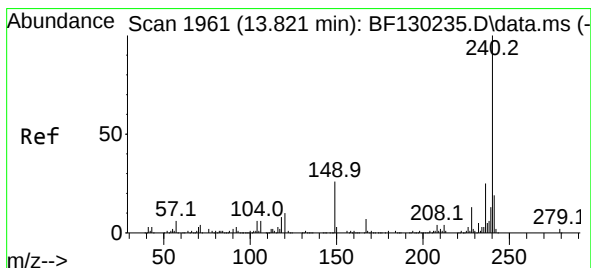
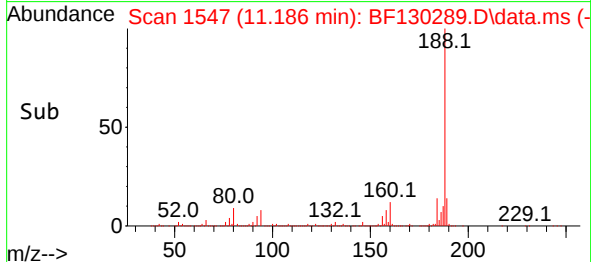
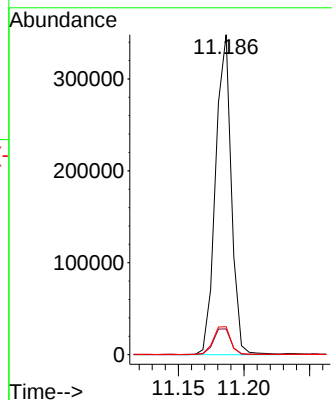
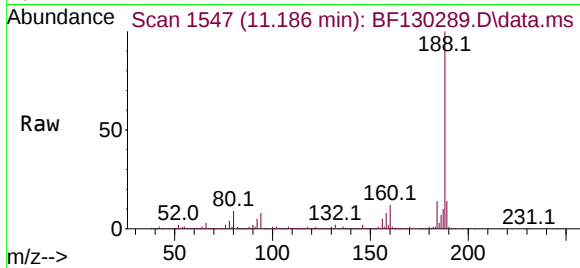




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.186 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130289.D
Acq: 16 Sep 2022 13:43

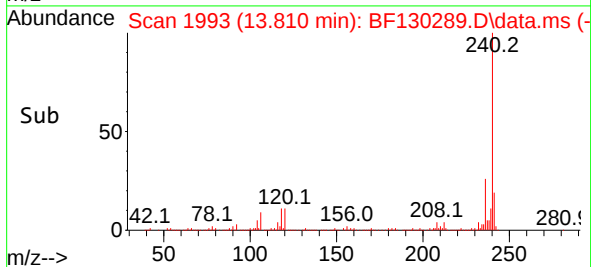
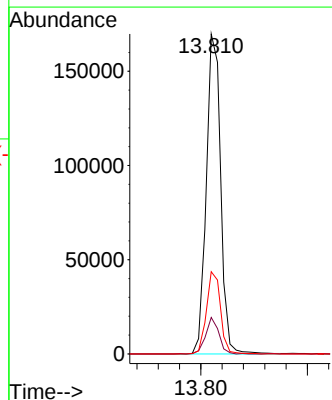
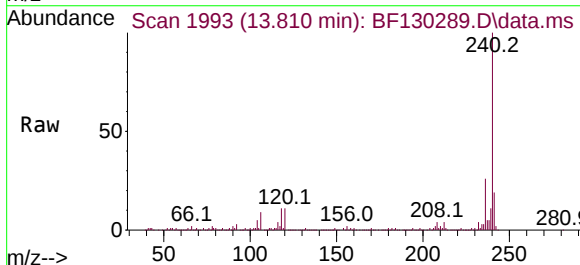
Instrument :
BNA_F
ClientSampleId :
SP-2

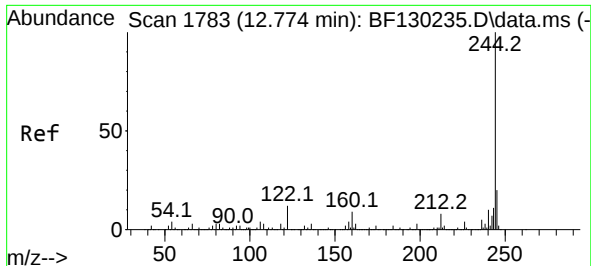
Tgt Ion:188 Resp: 289978
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 8.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.810 min Scan# 1993
Delta R.T. -0.012 min
Lab File: BF130289.D
Acq: 16 Sep 2022 13:43

Tgt Ion:240 Resp: 158284
Ion Ratio Lower Upper
240 100
120 11.4 8.7 13.1
236 25.7 20.9 31.3

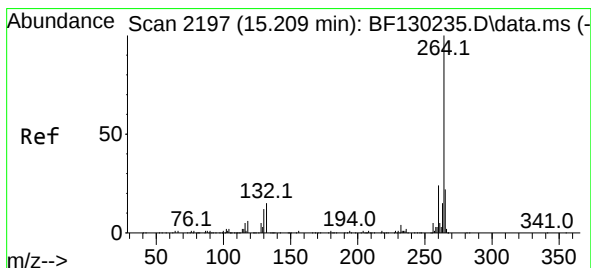
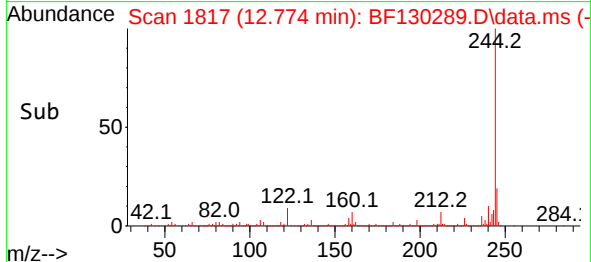
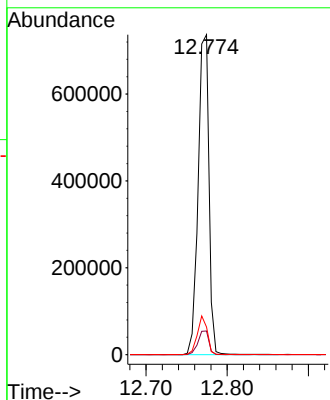
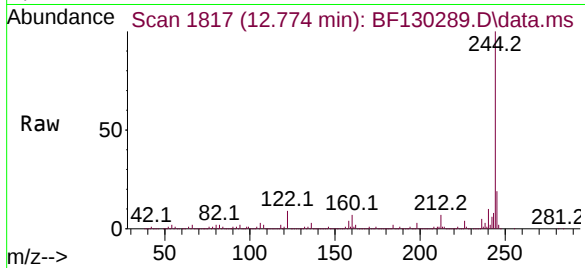




#79
 Terphenyl-d14
 Concen: 70.965 ng
 RT: 12.774 min Scan# 1817
 Delta R.T. 0.000 min
 Lab File: BF130289.D
 Acq: 16 Sep 2022 13:43

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Tgt Ion:244 Resp: 678098
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 8.6 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.204 min Scan# 2230
 Delta R.T. -0.006 min
 Lab File: BF130289.D
 Acq: 16 Sep 2022 13:43

Tgt Ion:264 Resp: 191156
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.3 28.9
 265 22.1 17.0 25.4

