

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062024\
 Data File : BF138275.D
 Acq On : 20 Jun 2024 21:43
 Operator : CG\JU
 Sample : P2977-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-A2

Quant Time: Jun 21 01:20:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	317421	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1232913	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	690117	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	1073575	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	589303	20.000	ng	-0.01
86) Perylene-d12	15.515	264	702142	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1444283	76.115	ng	0.00
7) Phenol-d6	6.510	99	1781613	74.045	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1076611	50.836	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	514110	74.831	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	2113290	48.694	ng	-0.01
79) Terphenyl-d14	12.986	244	1858843	49.959	ng	-0.01

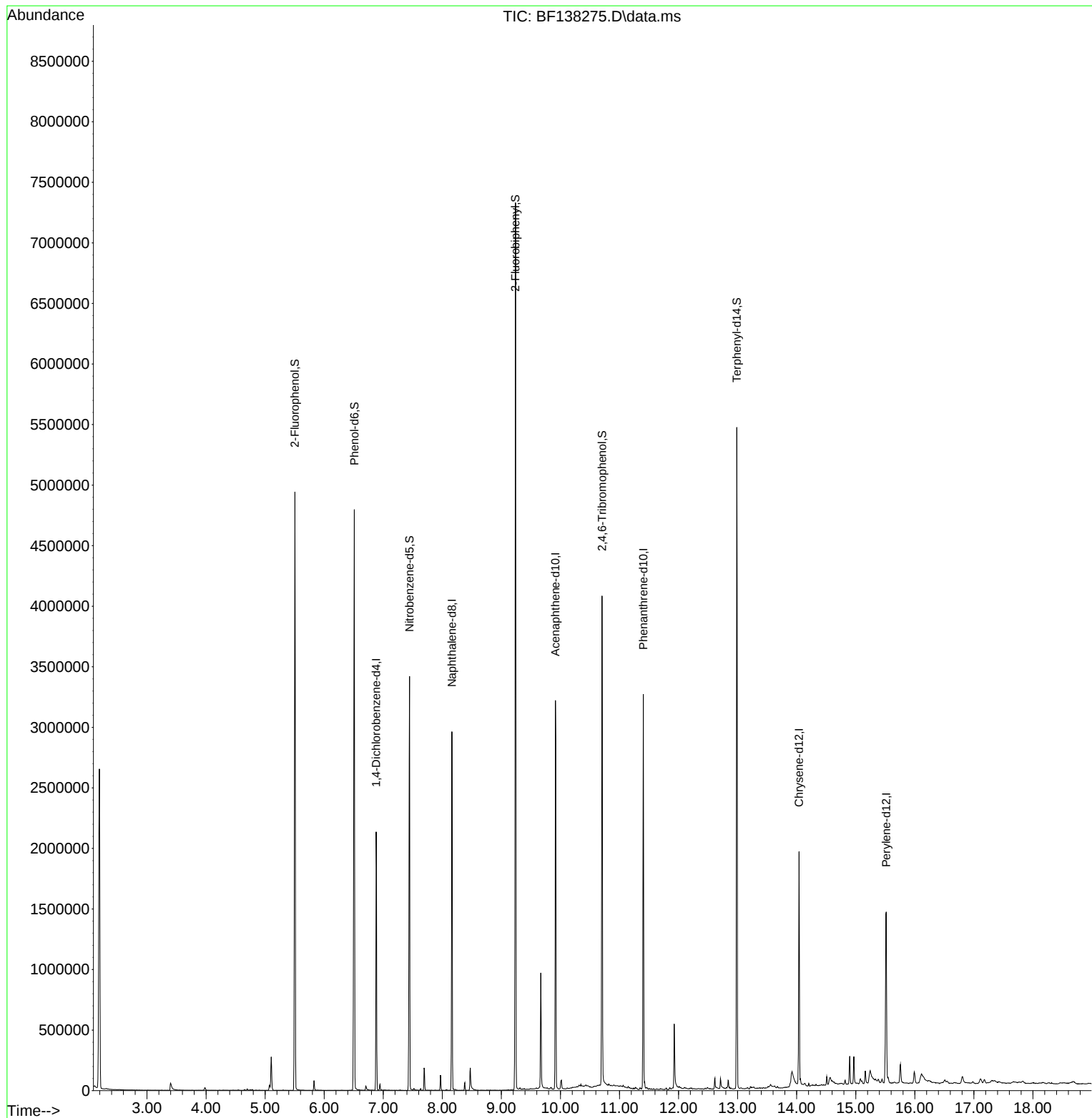
Target Compounds	Qvalue

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

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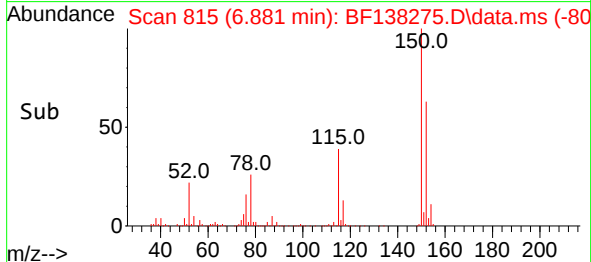
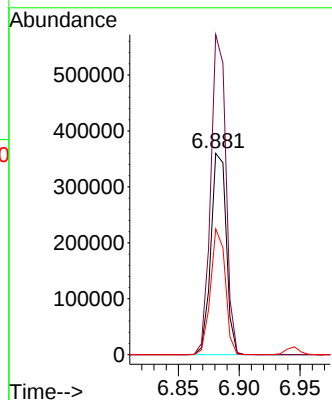
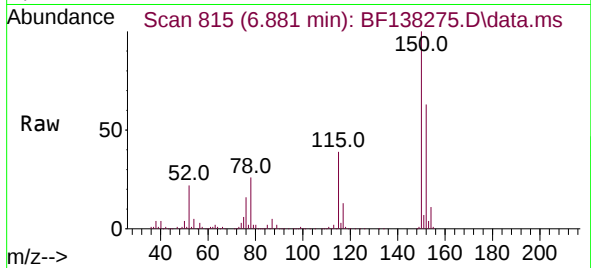




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.012 min
Lab File: BF138275.D
Acq: 20 Jun 2024 21:43

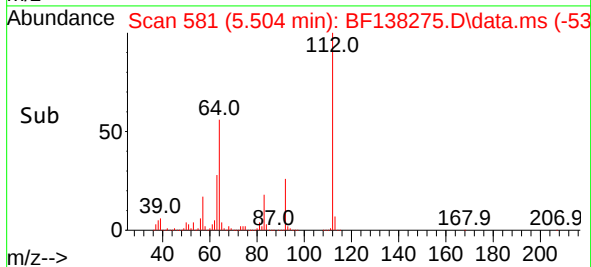
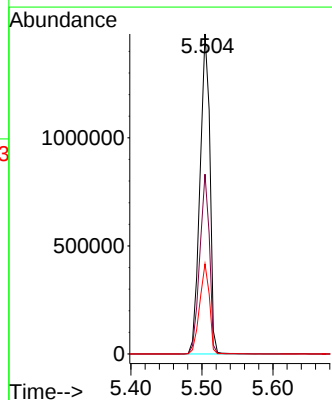
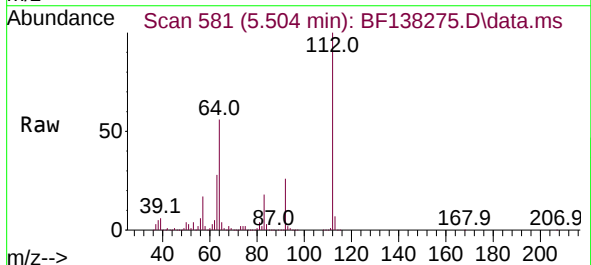
Instrument :
BNA_F
ClientSampleId :
OSTL-A2

Tgt Ion:152 Resp: 317421
Ion Ratio Lower Upper
152 100
150 159.0 125.0 187.4
115 62.5 48.4 72.6



#5
2-Fluorophenol
Concen: 76.115 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF138275.D
Acq: 20 Jun 2024 21:43

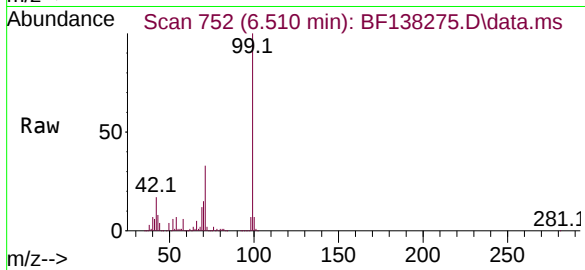
Tgt Ion:112 Resp: 1444283
Ion Ratio Lower Upper
112 100
64 56.2 45.2 67.8
63 28.1 22.9 34.3





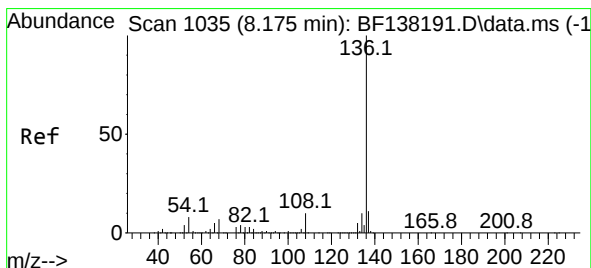
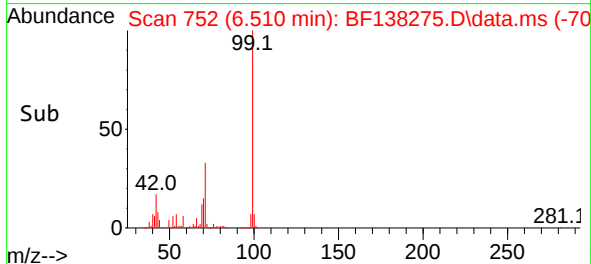
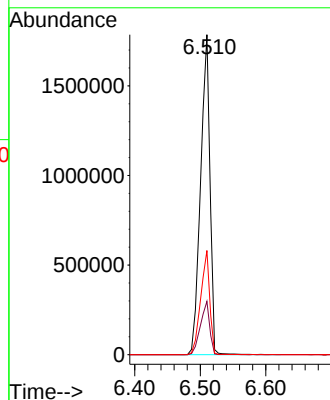
#7
Phenol-d6
Concen: 74.045 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138275.D
Acq: 20 Jun 2024 21:43

Instrument :
BNA_F
ClientSampleId :
OSTL-A2



Tgt Ion: 99 Resp: 1781613

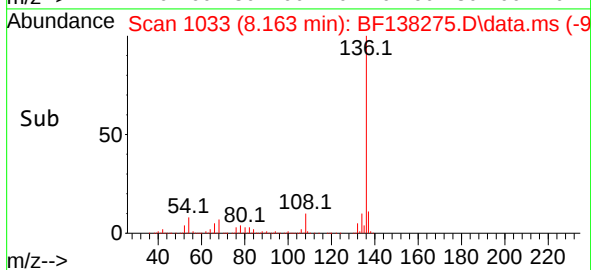
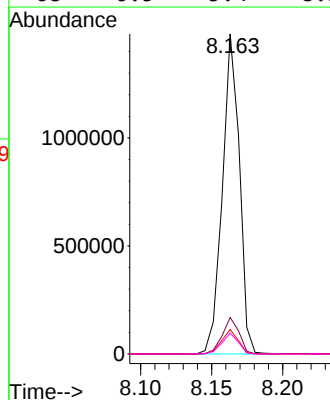
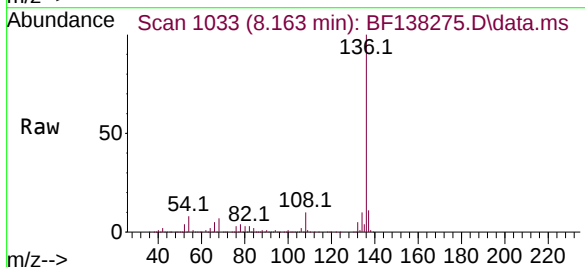
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.7	20.5
71	32.6	25.0	37.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138275.D
Acq: 20 Jun 2024 21:43

Tgt Ion: 136 Resp: 1232913

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.7	6.6	10.0
68	6.5	5.4	8.2





#23

Nitrobenzene-d5

Concen: 50.836 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF138275.D

Acq: 20 Jun 2024 21:43

Instrument :

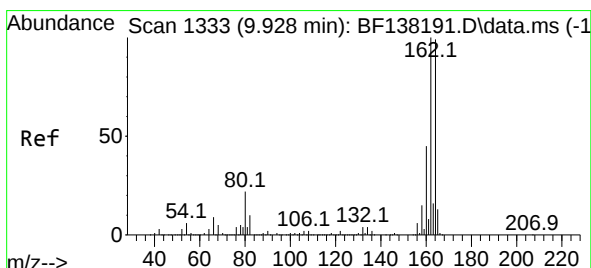
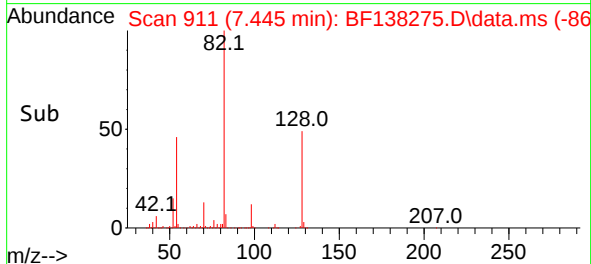
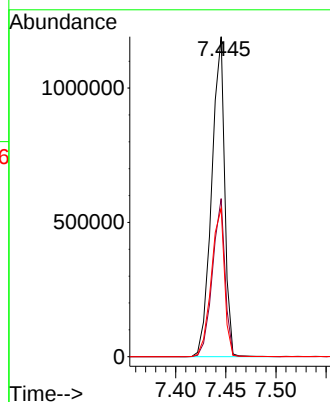
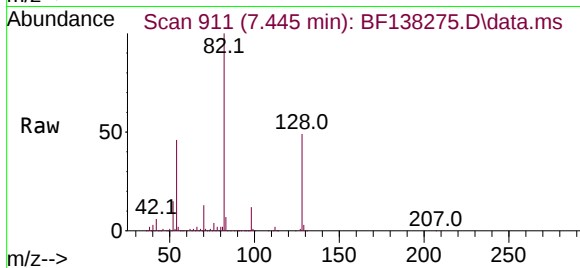
BNA_F

ClientSampleId :

OSTL-A2

Tgt Ion: 82 Resp: 1076611

Ion	Ratio	Lower	Upper
82	100		
128	49.4	37.2	55.8
54	46.3	39.8	59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1331

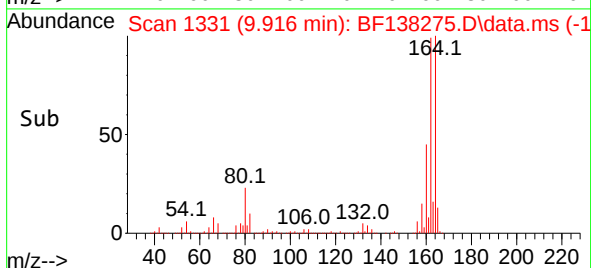
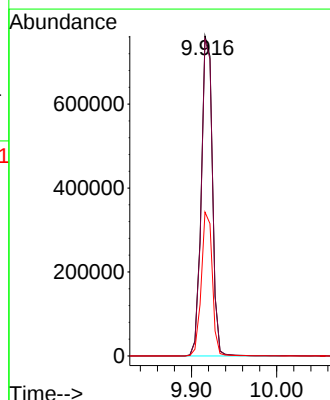
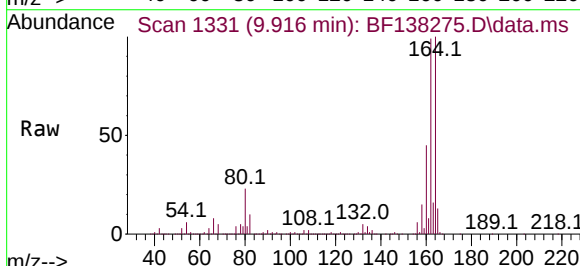
Delta R.T. -0.012 min

Lab File: BF138275.D

Acq: 20 Jun 2024 21:43

Tgt Ion: 164 Resp: 690117

Ion	Ratio	Lower	Upper
164	100		
162	99.0	80.6	121.0
160	44.9	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 74.831 ng

RT: 10.704 min Scan# 1465

Delta R.T. -0.012 min

Lab File: BF138275.D

Acq: 20 Jun 2024 21:43

Instrument :

BNA_F

ClientSampleId :

OSTL-A2

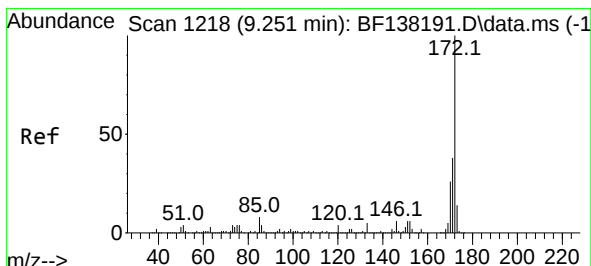
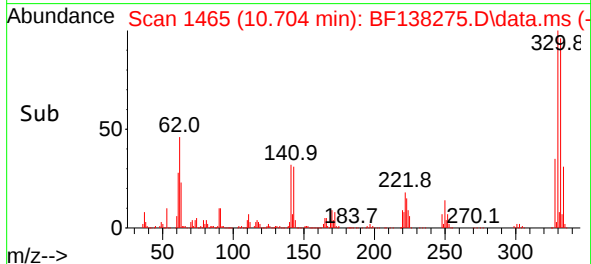
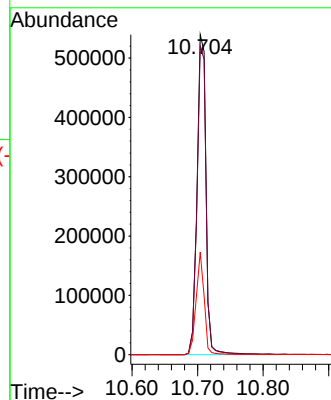
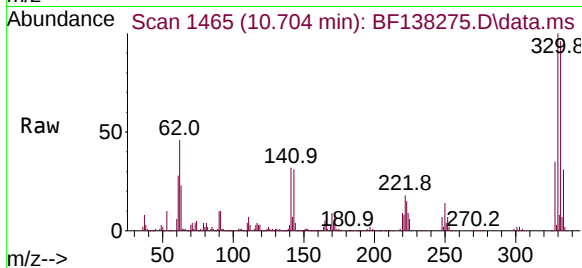
Tgt Ion:330 Resp: 514110

Ion Ratio Lower Upper

330 100

332 97.1 76.6 115.0

141 29.1 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 48.694 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF138275.D

Acq: 20 Jun 2024 21:43

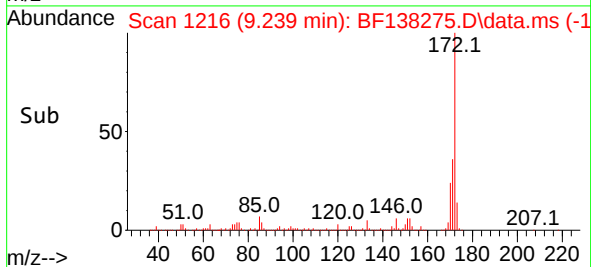
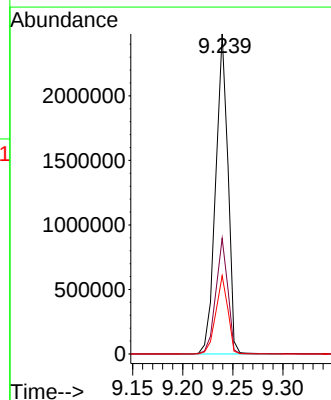
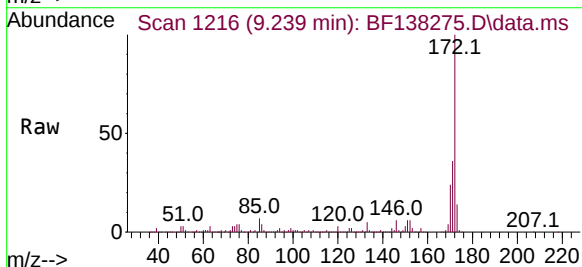
Tgt Ion:172 Resp: 2113290

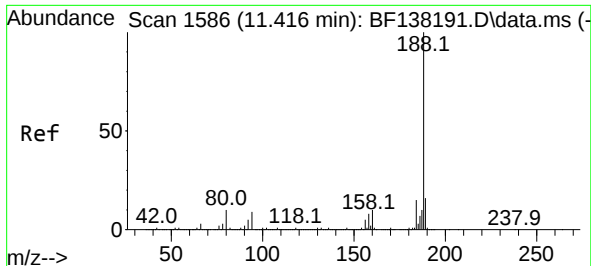
Ion Ratio Lower Upper

172 100

171 36.2 30.3 45.5

170 24.4 20.6 30.8

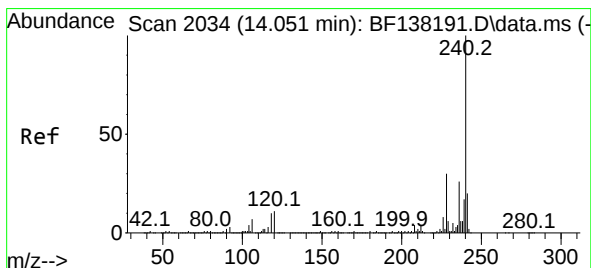
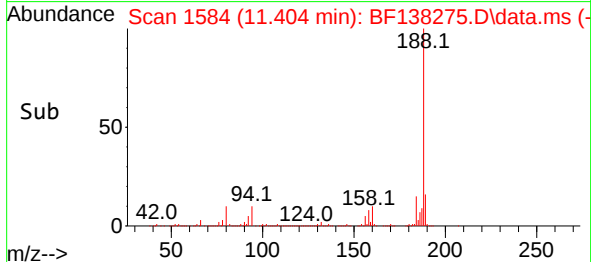
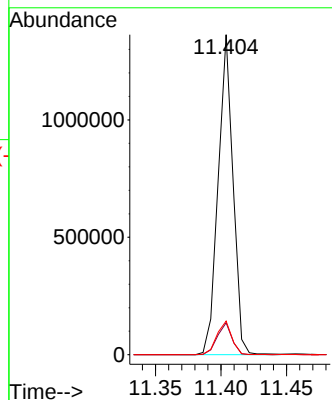
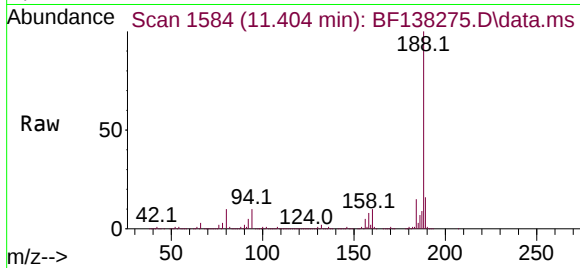




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138275.D
Acq: 20 Jun 2024 21:43

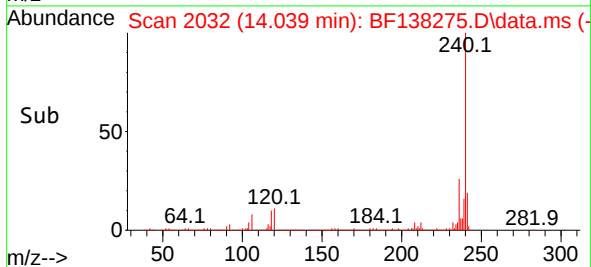
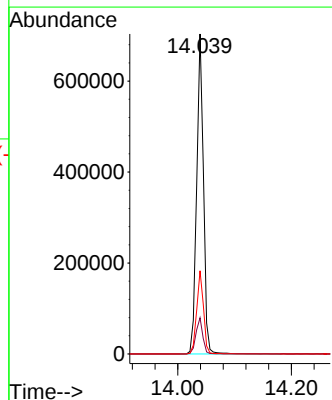
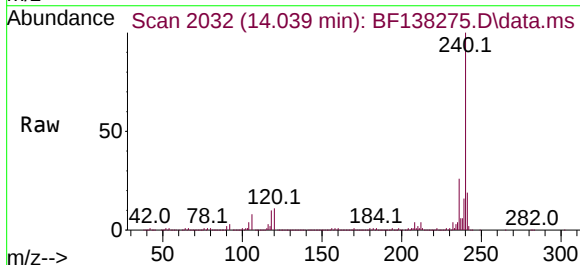
Instrument :
BNA_F
ClientSampleId :
OSTL-A2

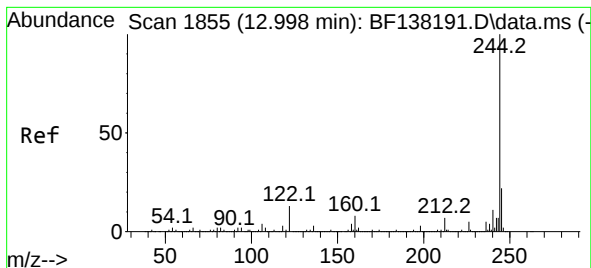
Tgt Ion:188 Resp: 1073575
Ion Ratio Lower Upper
188 100
94 10.0 7.6 11.4
80 10.5 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138275.D
Acq: 20 Jun 2024 21:43

Tgt Ion:240 Resp: 589303
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 26.0 21.0 31.6





#79

Terphenyl-d14

Concen: 49.959 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.012 min

Lab File: BF138275.D

Acq: 20 Jun 2024 21:43

Instrument :

BNA_F

ClientSampleId :

OSTL-A2

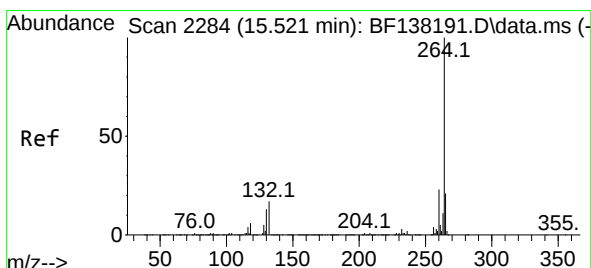
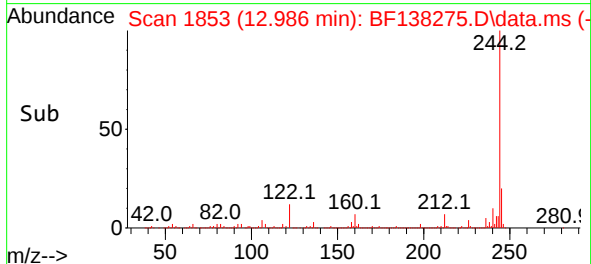
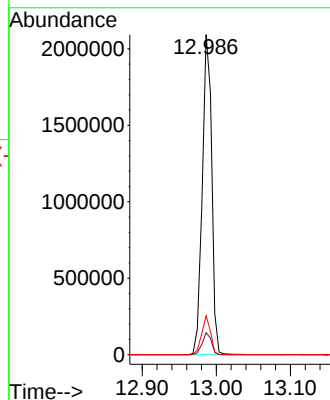
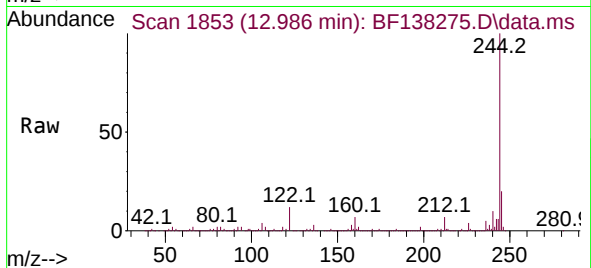
Tgt Ion:244 Resp: 1858843

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 12.1 10.6 15.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 2283

Delta R.T. -0.006 min

Lab File: BF138275.D

Acq: 20 Jun 2024 21:43

Tgt Ion:264 Resp: 702142

Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

265 21.1 17.0 25.6

