

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
Data File : BF137815.D
Acq On : 02 May 2024 15:15
Operator : CG\JU
Sample : P2322-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DEMAREST-MS

Quant Time: May 02 15:51:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	149527	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	580838	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	491060	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	812268	20.000	ng	0.00
76) Chrysene-d12	14.245	240	277203	20.000	ng	0.00
86) Perylene-d12	15.821	264	287164	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.686	112	1038270	116.258	ng	0.01
7) Phenol-d6	6.669	99	1297422	114.534	ng	0.00
23) Nitrobenzene-d5	7.616	82	795946	79.614	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	611010	121.865	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	1660480	54.859	ng	0.00
79) Terphenyl-d14	13.186	244	1597854	96.600	ng	0.00

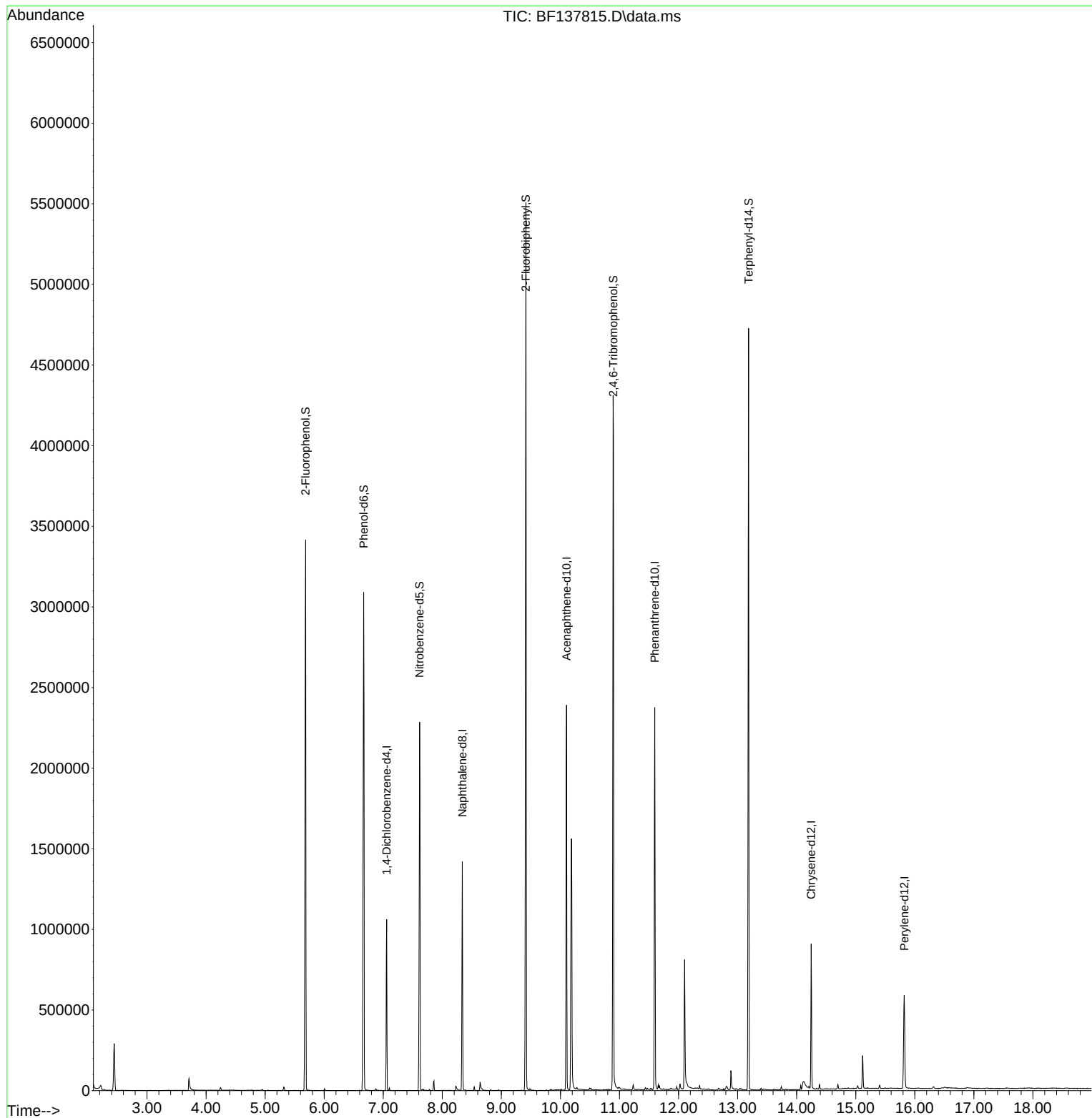
Target Compounds	Qvalue
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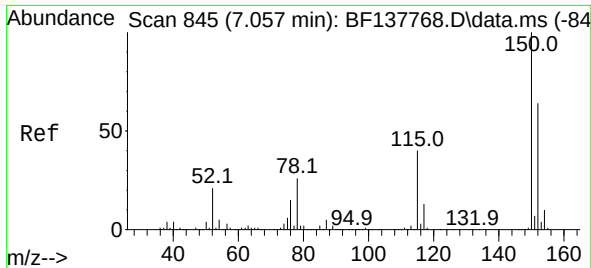
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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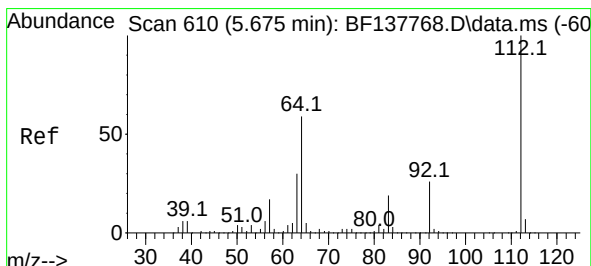
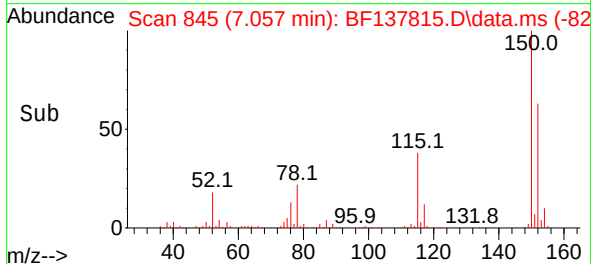
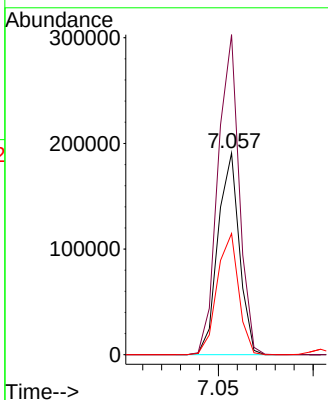
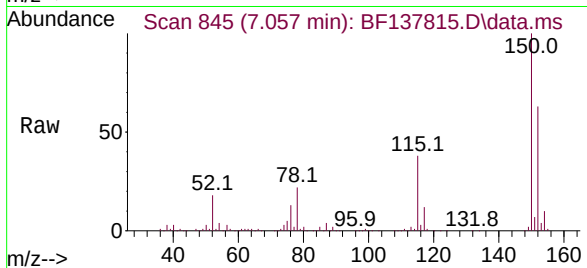




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF137815.D
Acq: 02 May 2024 15:15

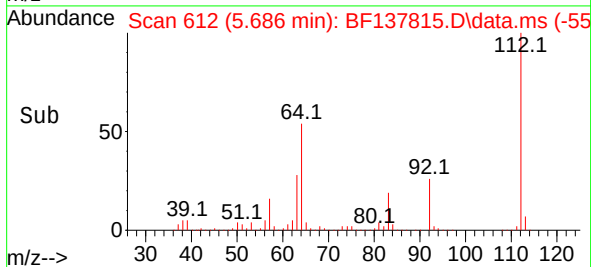
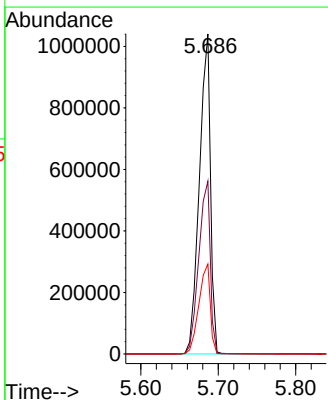
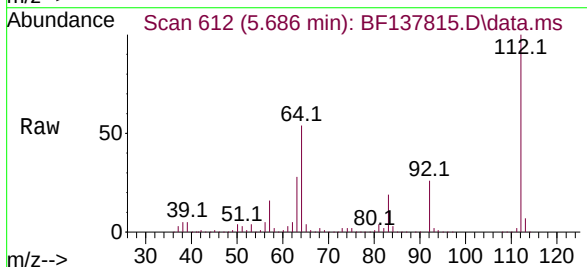
Instrument :
BNA_F
ClientSampleId :
DEMAREST-MS

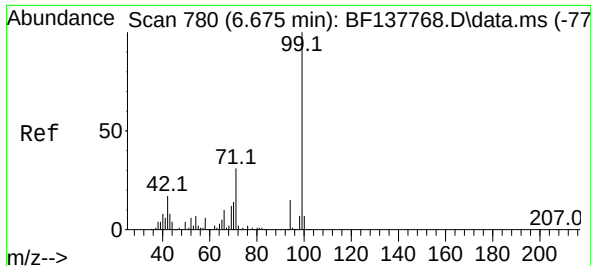
Tgt Ion:152 Resp: 149527
Ion Ratio Lower Upper
152 100
150 158.7 124.1 186.1
115 60.1 49.1 73.7



#5
2-Fluorophenol
Concen: 116.258 ng
RT: 5.686 min Scan# 612
Delta R.T. 0.012 min
Lab File: BF137815.D
Acq: 02 May 2024 15:15

Tgt Ion:112 Resp: 1038270
Ion Ratio Lower Upper
112 100
64 54.0 47.3 70.9
63 28.1 23.7 35.5



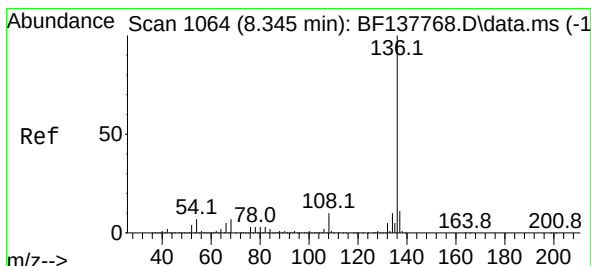
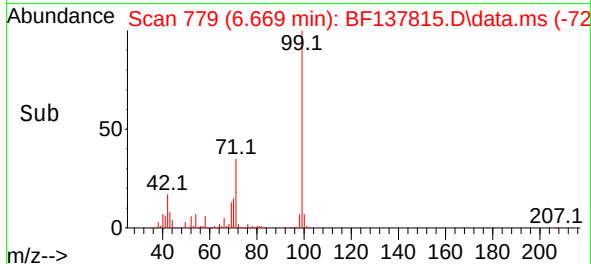
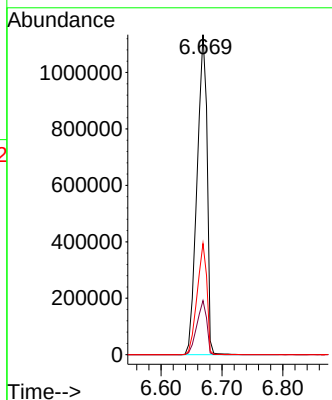
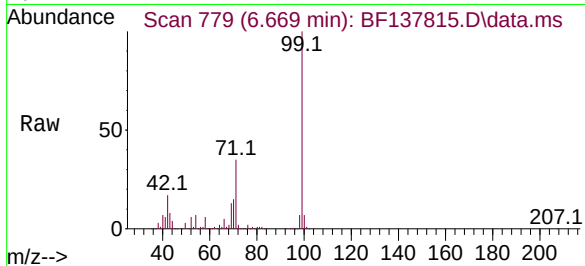


#7
Phenol-d6
Concen: 114.534 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137815.D
Acq: 02 May 2024 15:15

Instrument :
BNA_F
ClientSampleId :
DEMAREST-MS

Tgt Ion: 99 Resp: 1297422

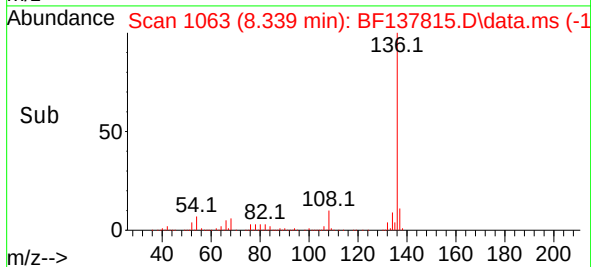
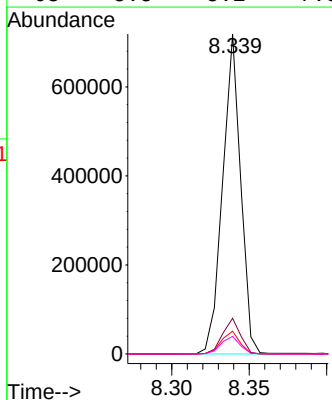
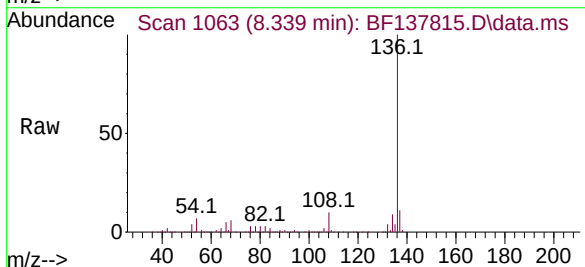
Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.2	19.8
71	34.8	25.0	37.4

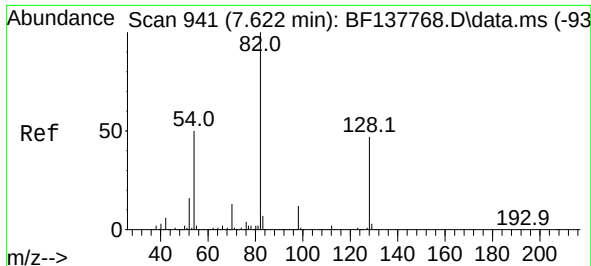


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137815.D
Acq: 02 May 2024 15:15

Tgt Ion: 136 Resp: 580838

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.1	5.8	8.8
68	5.5	5.2	7.8





#23

Nitrobenzene-d5

Concen: 79.614 ng

RT: 7.616 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137815.D

Acq: 02 May 2024 15:15

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MS

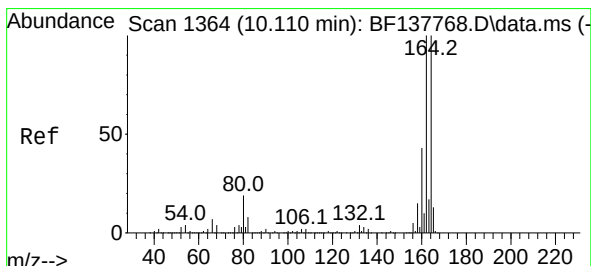
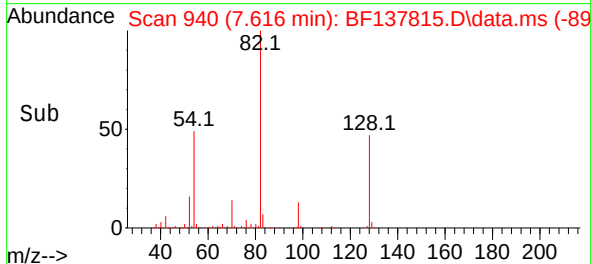
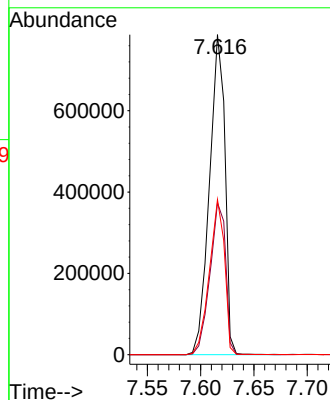
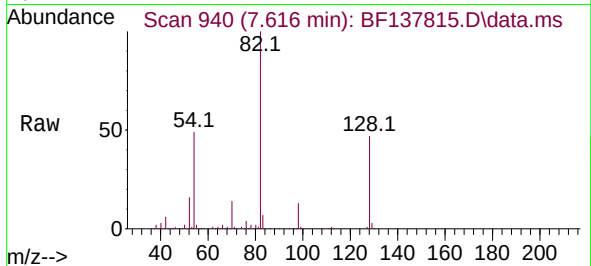
Tgt Ion: 82 Resp: 795946

Ion Ratio Lower Upper

82 100

128 47.5 37.5 56.3

54 48.5 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.104 min Scan# 1363

Delta R.T. -0.006 min

Lab File: BF137815.D

Acq: 02 May 2024 15:15

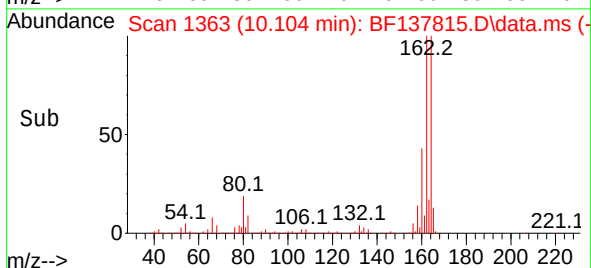
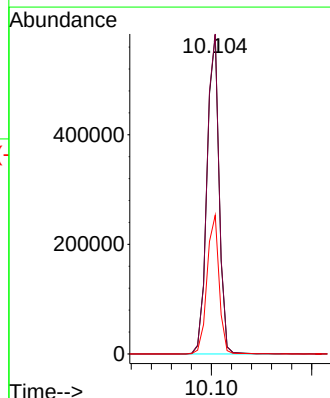
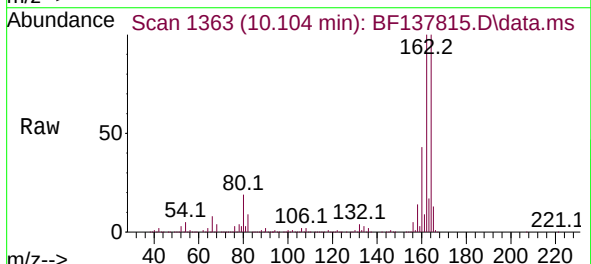
Tgt Ion:164 Resp: 491060

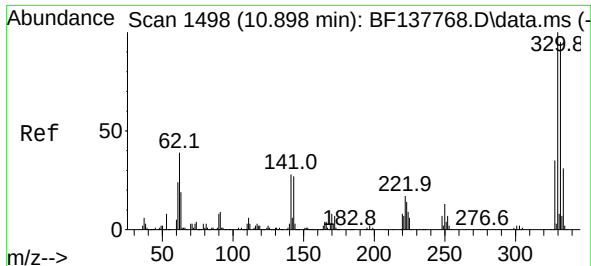
Ion Ratio Lower Upper

164 100

162 100.2 79.8 119.6

160 43.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 121.865 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.000 min

Lab File: BF137815.D

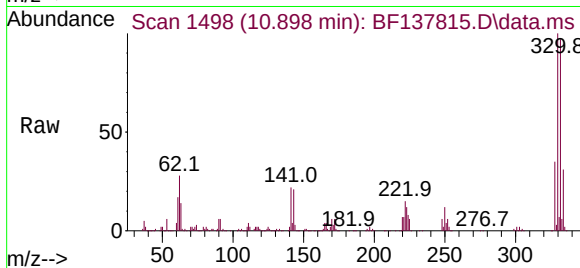
Acq: 02 May 2024 15:15

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MS



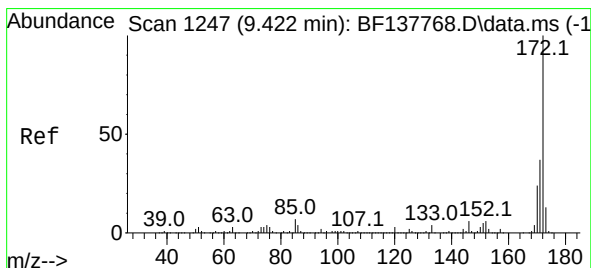
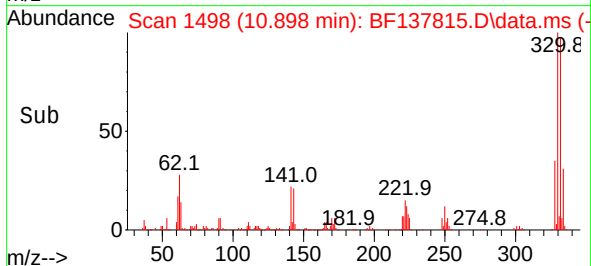
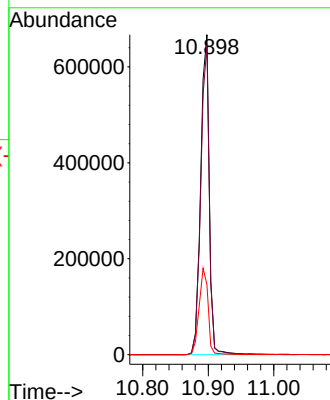
Tgt Ion:330 Resp: 611010

Ion Ratio Lower Upper

330 100

332 95.8 77.3 115.9

141 28.3 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 54.859 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137815.D

Acq: 02 May 2024 15:15

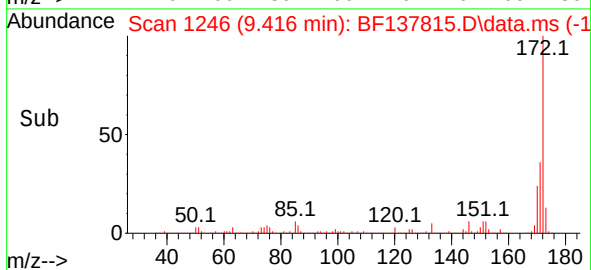
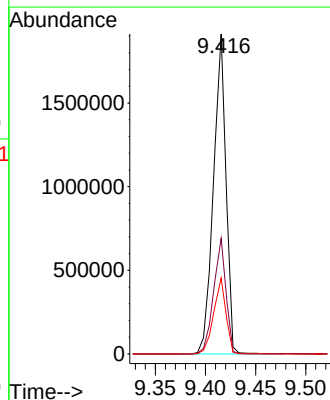
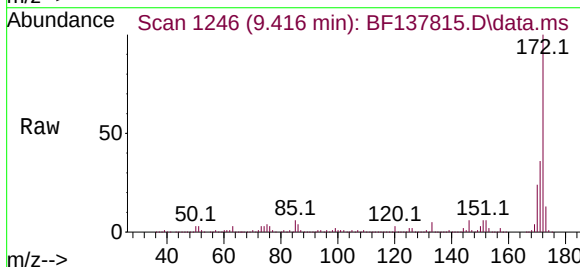
Tgt Ion:172 Resp: 1660480

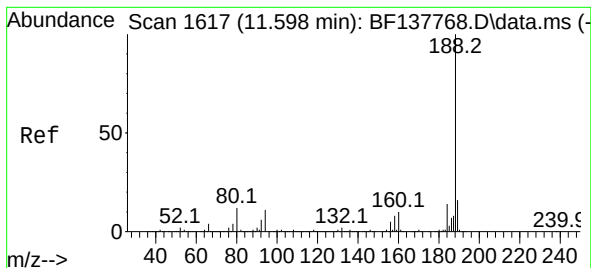
Ion Ratio Lower Upper

172 100

171 36.1 29.6 44.4

170 23.7 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.598 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137815.D

Acq: 02 May 2024 15:15

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MS

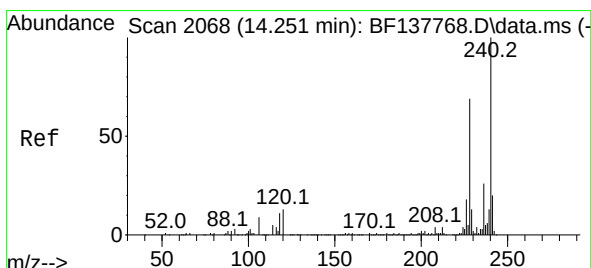
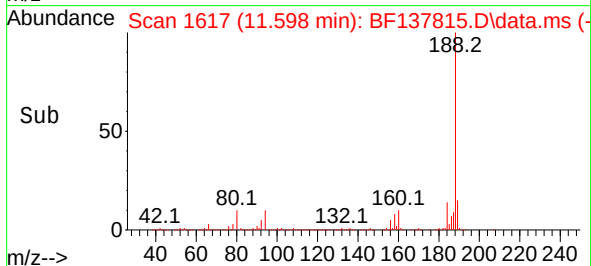
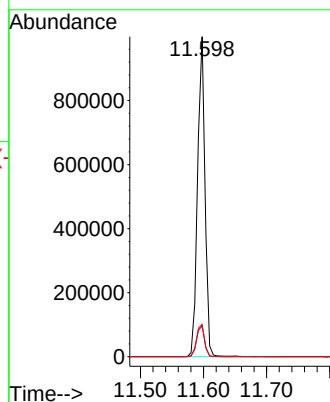
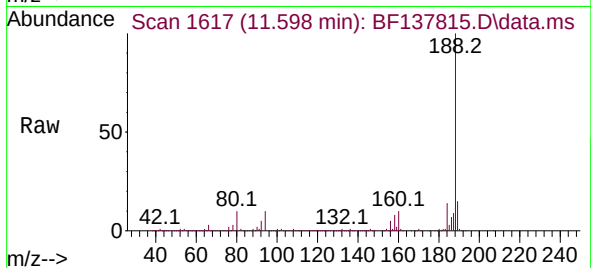
Tgt Ion:188 Resp: 812268

Ion Ratio Lower Upper

188 100

94 9.6 8.8 13.2

80 10.1 9.6 14.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.245 min Scan# 2067

Delta R.T. -0.006 min

Lab File: BF137815.D

Acq: 02 May 2024 15:15

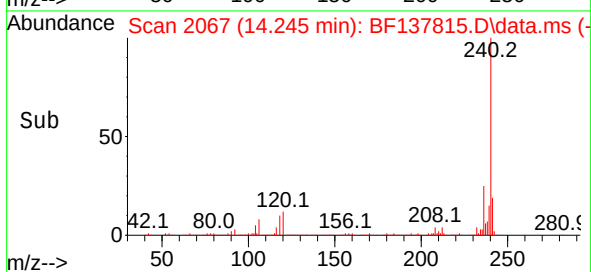
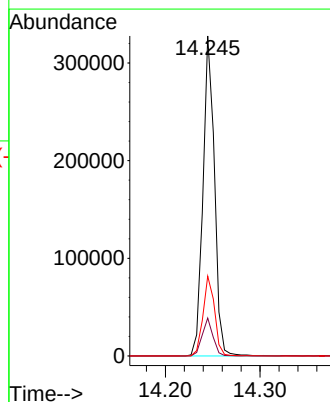
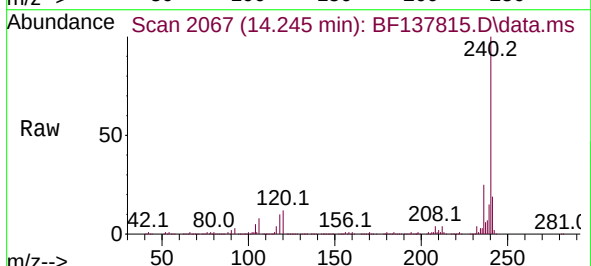
Tgt Ion:240 Resp: 277203

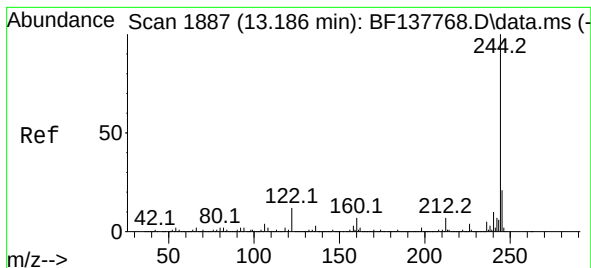
Ion Ratio Lower Upper

240 100

120 11.9 10.4 15.6

236 25.0 20.4 30.6





#79

Terphenyl-d14

Concen: 96.600 ng

RT: 13.186 min Scan# 1887

Delta R.T. -0.000 min

Lab File: BF137815.D

Acq: 02 May 2024 15:15

Instrument :

BNA_F

ClientSampleId :

DEMAREST-MS

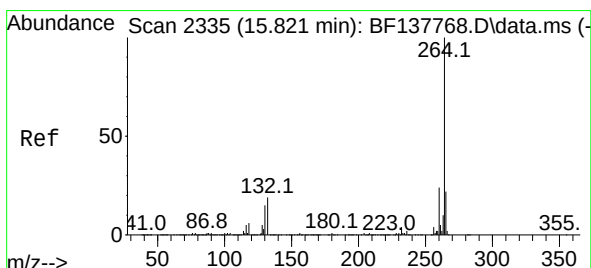
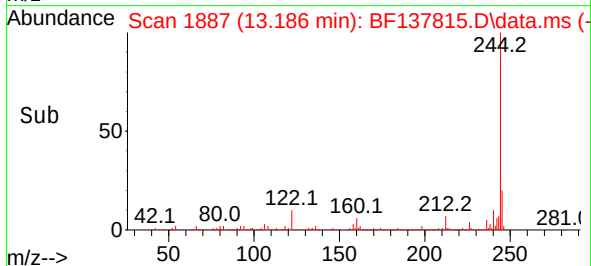
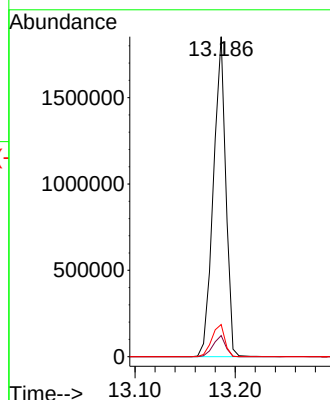
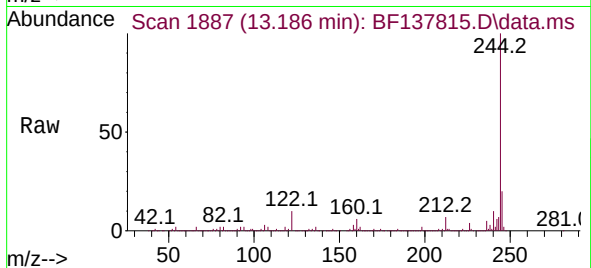
Tgt Ion:244 Resp: 1597854

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

122 10.1 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.821 min Scan# 2335

Delta R.T. -0.000 min

Lab File: BF137815.D

Acq: 02 May 2024 15:15

Tgt Ion:264 Resp: 287164

Ion Ratio Lower Upper

264 100

260 23.0 18.9 28.3

265 20.7 17.4 26.0

