

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
Data File : BF137825.D
Acq On : 02 May 2024 20:28
Operator : CG\JU
Sample : P2337-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB21155-CONCRETE

Quant Time: May 03 02:24:51 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	212137	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	523660	20.000	ng	0.00
39) Acenaphthene-d10	10.098	164	296781	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	462693	20.000	ng	0.00
76) Chrysene-d12	14.245	240	244359	20.000	ng	0.00
86) Perylene-d12	15.815	264	272678	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	967083	76.327	ng	0.00
7) Phenol-d6	6.663	99	1440522	89.635	ng	-0.01
23) Nitrobenzene-d5	7.616	82	558644	61.979	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	224526	74.096	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	1235069	67.515	ng	0.00
79) Terphenyl-d14	13.180	244	1100405	75.468	ng	0.00

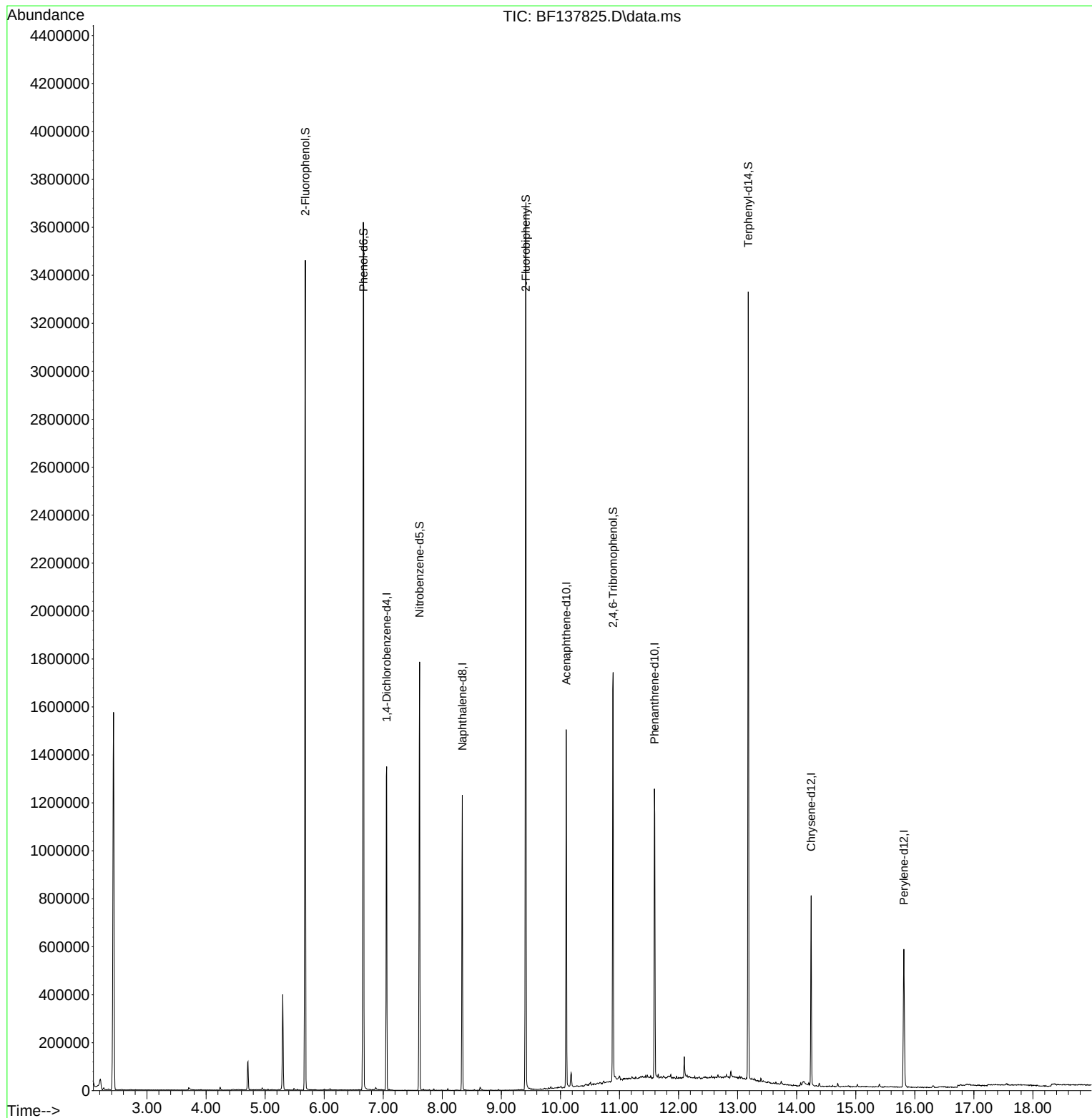
Target Compounds	Qvalue
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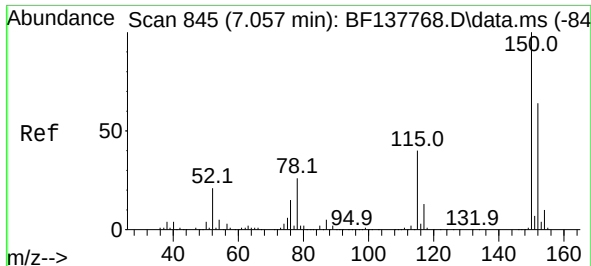
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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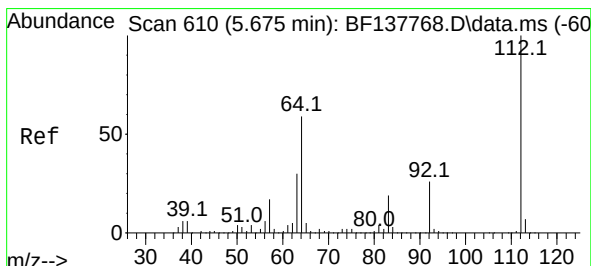
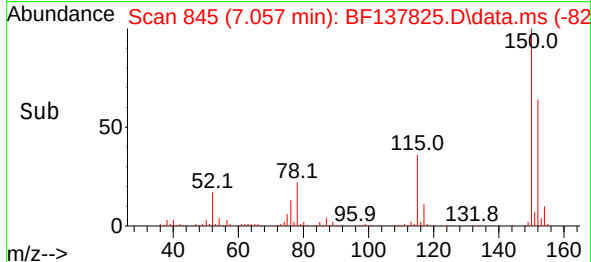
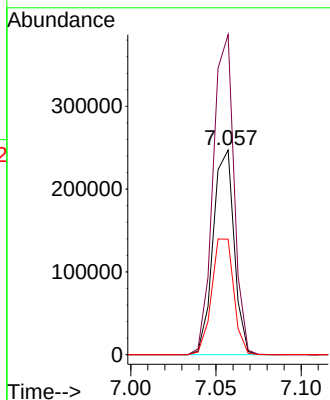
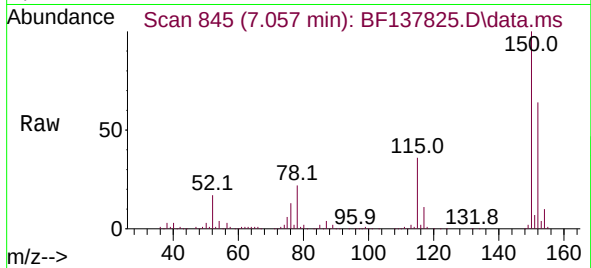




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF137825.D
Acq: 02 May 2024 20:28

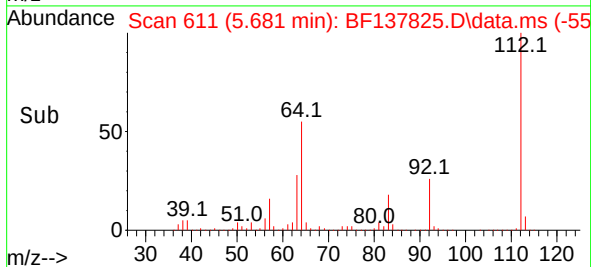
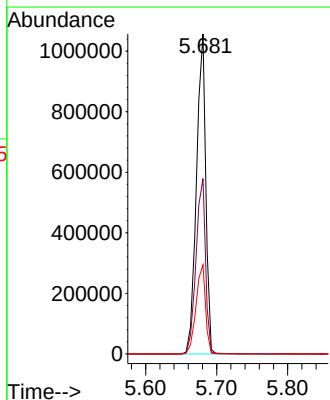
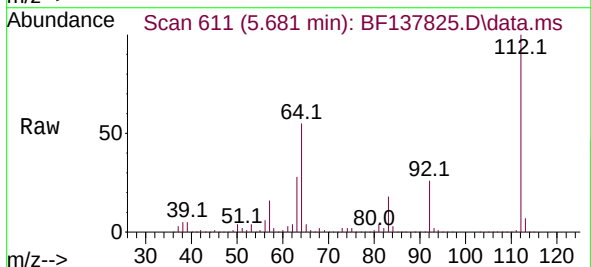
Instrument :
BNA_F
ClientSampleId :
RB21155-CONCRETE

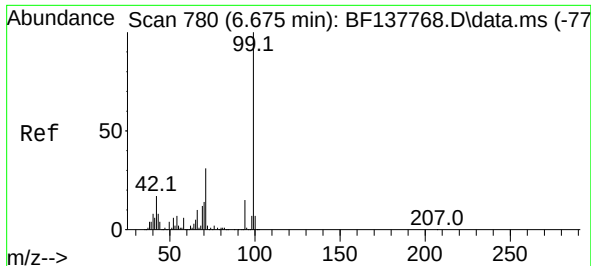
Tgt Ion:152 Resp: 212137
Ion Ratio Lower Upper
152 100
150 156.4 124.1 186.1
115 56.5 49.1 73.7



#5
2-Fluorophenol
Concen: 76.327 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.006 min
Lab File: BF137825.D
Acq: 02 May 2024 20:28

Tgt Ion:112 Resp: 967083
Ion Ratio Lower Upper
112 100
64 54.8 47.3 70.9
63 27.9 23.7 35.5





#7

Phenol-d6

Concen: 89.635 ng

RT: 6.663 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF137825.D

Acq: 02 May 2024 20:28

Instrument :

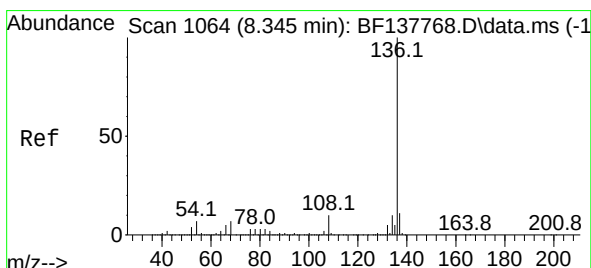
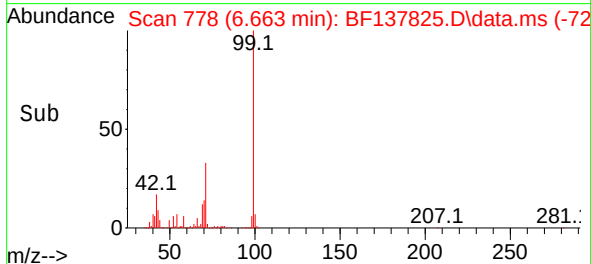
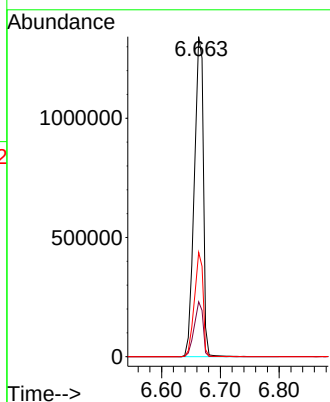
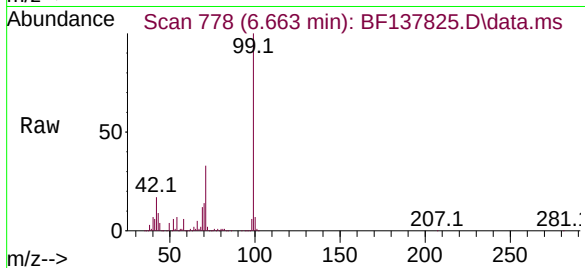
BNA_F

ClientSampleId :

RB21155-CONCRETE

Tgt Ion: 99 Resp: 1440522

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.2	19.8
71	32.6	25.0	37.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.339 min Scan# 1063

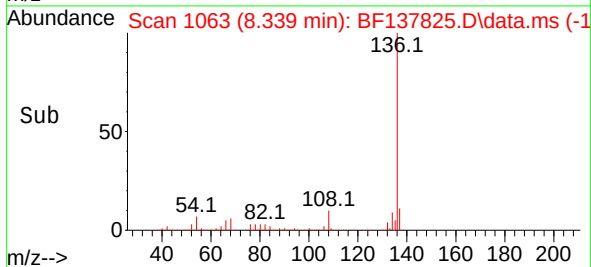
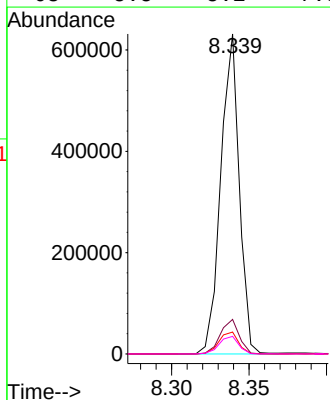
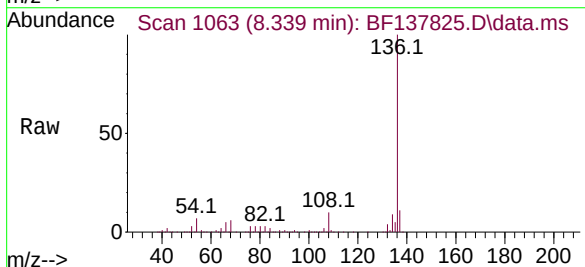
Delta R.T. -0.006 min

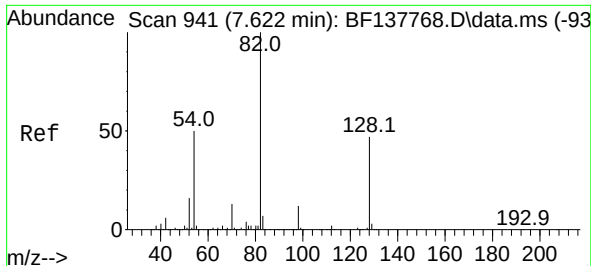
Lab File: BF137825.D

Acq: 02 May 2024 20:28

Tgt Ion: 136 Resp: 523660

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.8	5.8	8.8
68	5.5	5.2	7.8





#23

Nitrobenzene-d5

Concen: 61.979 ng

RT: 7.616 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137825.D

Acq: 02 May 2024 20:28

Instrument :

BNA_F

ClientSampleId :

RB21155-CONCRETE

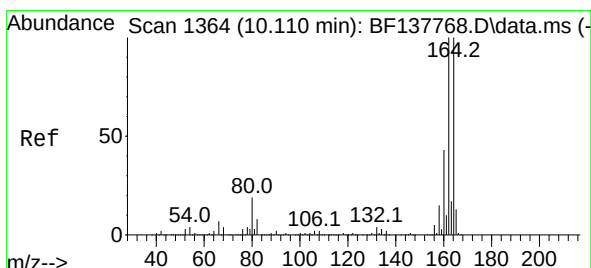
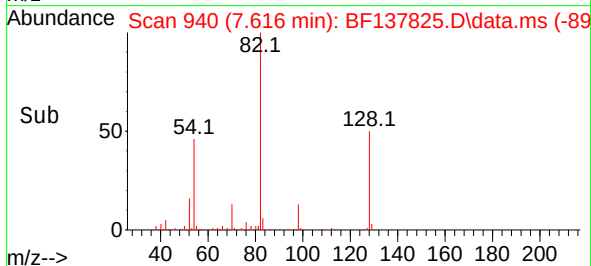
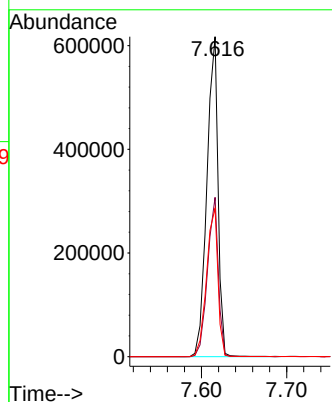
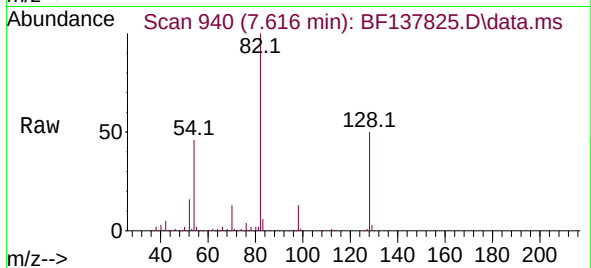
Tgt Ion: 82 Resp: 558644

Ion Ratio Lower Upper

82 100

128 49.8 37.5 56.3

54 46.4 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.098 min Scan# 1362

Delta R.T. -0.012 min

Lab File: BF137825.D

Acq: 02 May 2024 20:28

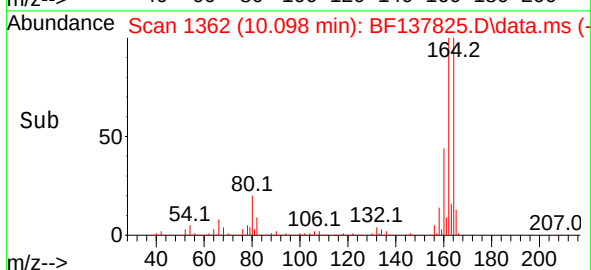
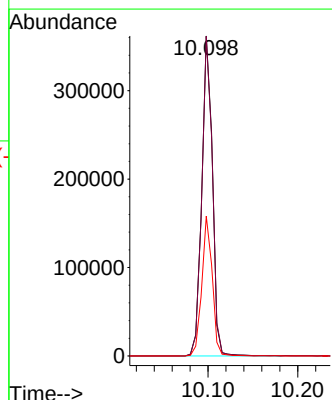
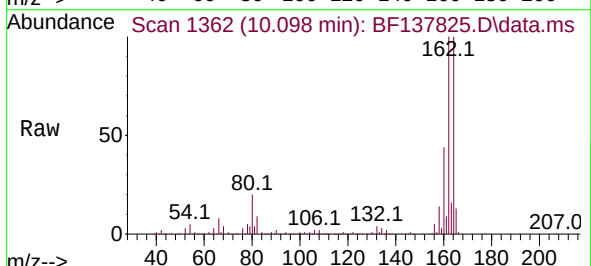
Tgt Ion: 164 Resp: 296781

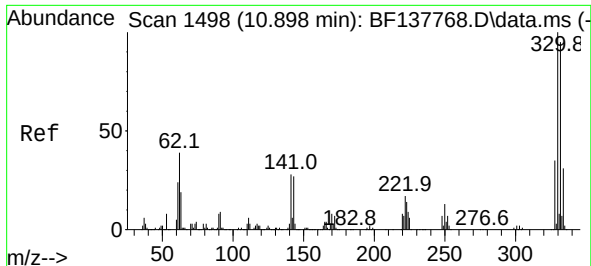
Ion Ratio Lower Upper

164 100

162 99.9 79.8 119.6

160 43.7 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 74.096 ng

RT: 10.892 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF137825.D

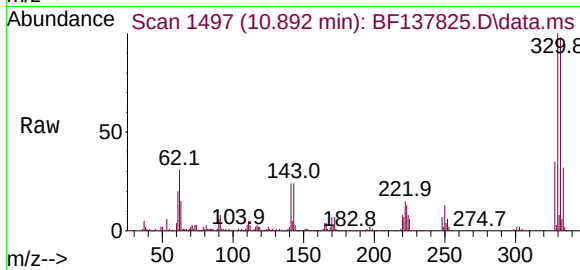
Acq: 02 May 2024 20:28

Instrument :

BNA_F

ClientSampleId :

RB21155-CONCRETE



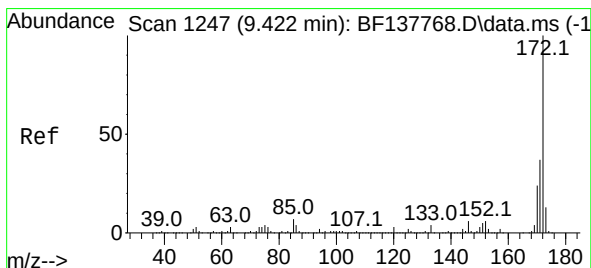
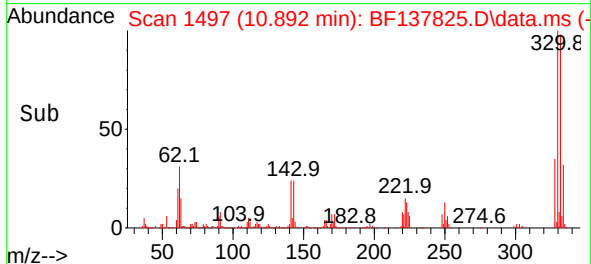
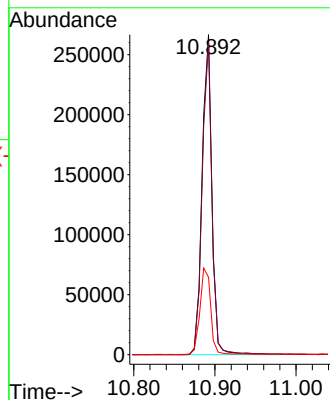
Tgt Ion:330 Resp: 224526

Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

141 29.2 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 67.515 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137825.D

Acq: 02 May 2024 20:28

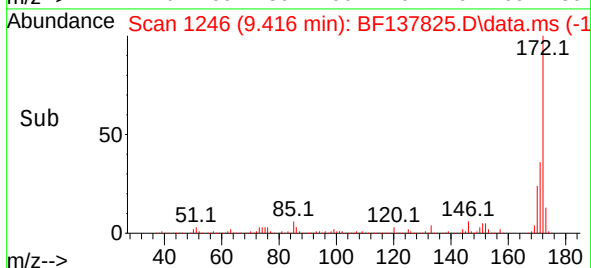
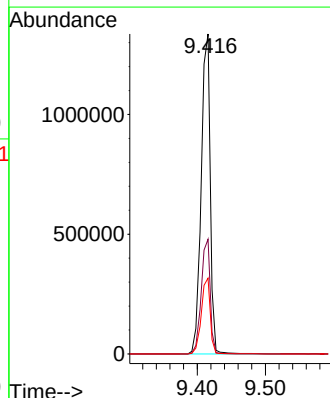
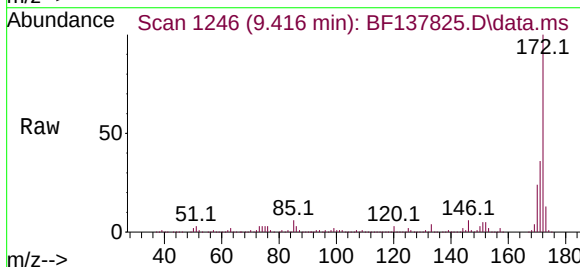
Tgt Ion:172 Resp: 1235069

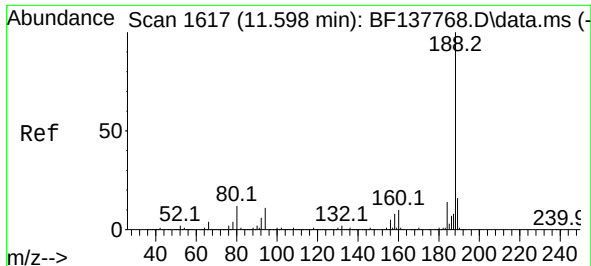
Ion Ratio Lower Upper

172 100

171 35.8 29.6 44.4

170 23.7 19.4 29.2

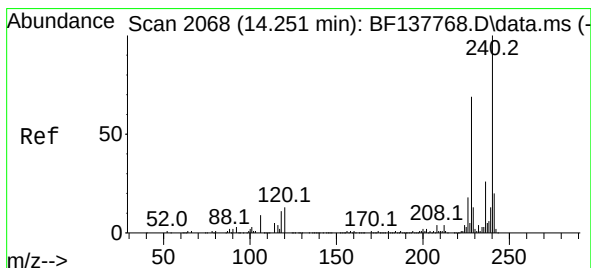
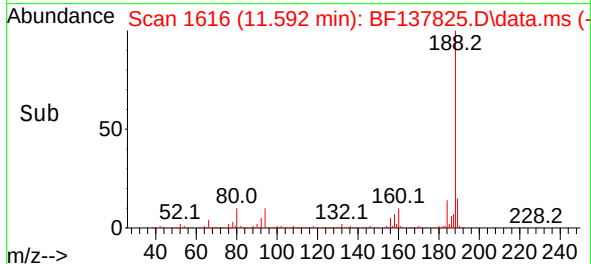
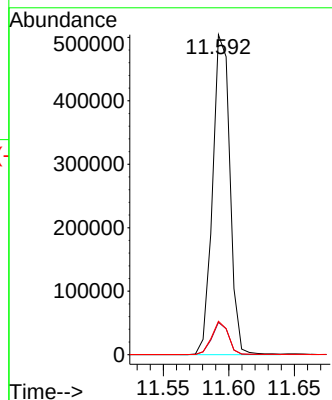
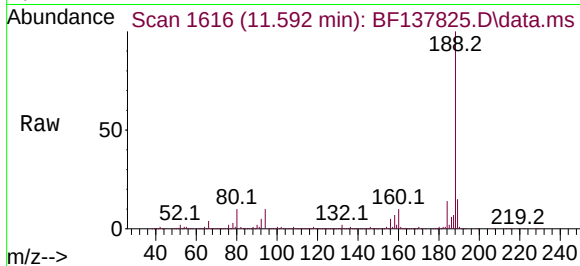




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.592 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137825.D
Acq: 02 May 2024 20:28

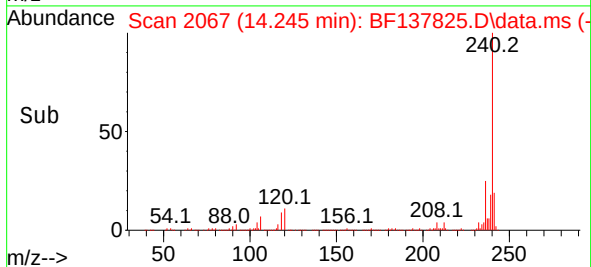
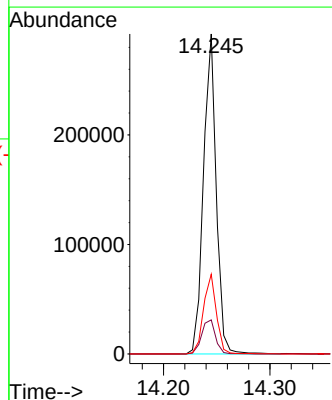
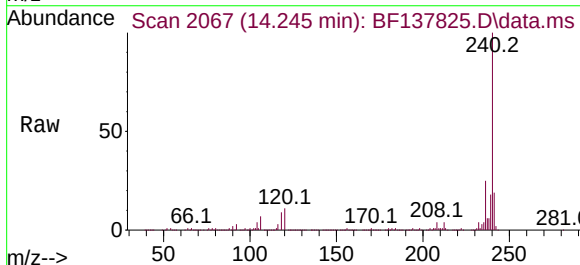
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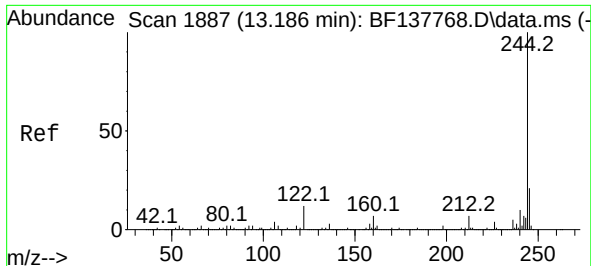
Tgt Ion:188 Resp: 462693
Ion Ratio Lower Upper
188 100
94 10.1 8.8 13.2
80 10.4 9.6 14.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BF137825.D
Acq: 02 May 2024 20:28

Tgt Ion:240 Resp: 244359
Ion Ratio Lower Upper
240 100
120 10.6 10.4 15.6
236 24.9 20.4 30.6

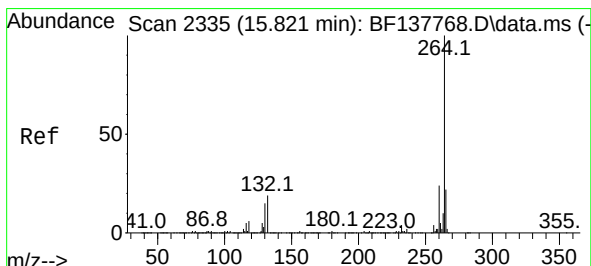
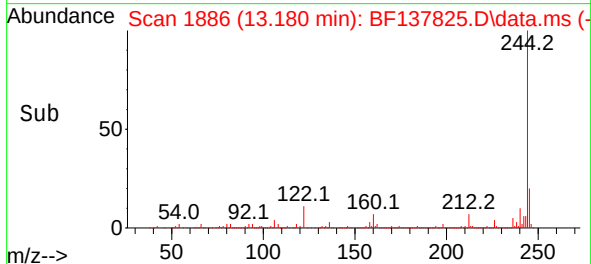
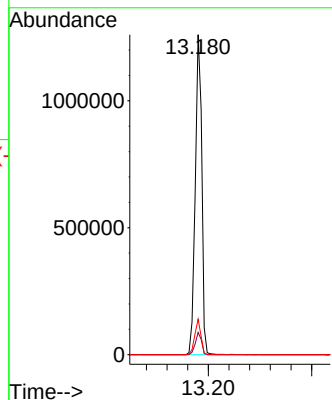
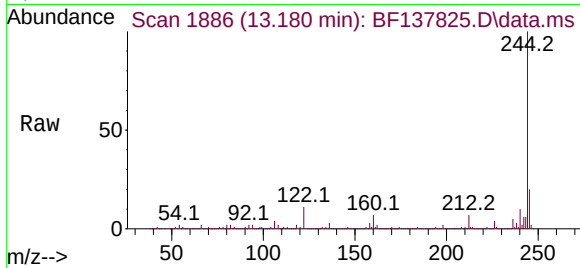




#79
 Terphenyl-d14
 Concen: 75.468 ng
 RT: 13.180 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF137825.D
 Acq: 02 May 2024 20:28

Instrument :
 BNA_F
 ClientSampleId :
 RB21155-CONCRETE

Tgt Ion:244 Resp: 1100405
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 11.1 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.815 min Scan# 2334
 Delta R.T. -0.006 min
 Lab File: BF137825.D
 Acq: 02 May 2024 20:28

Tgt Ion:264 Resp: 272678
 Ion Ratio Lower Upper
 264 100
 260 21.8 18.9 28.3
 265 21.4 17.4 26.0

