

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
 Data File : BF137962.D
 Acq On : 20 May 2024 16:38
 Operator : CG\JU
 Sample : P2513-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-16

Quant Time: May 20 17:06:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

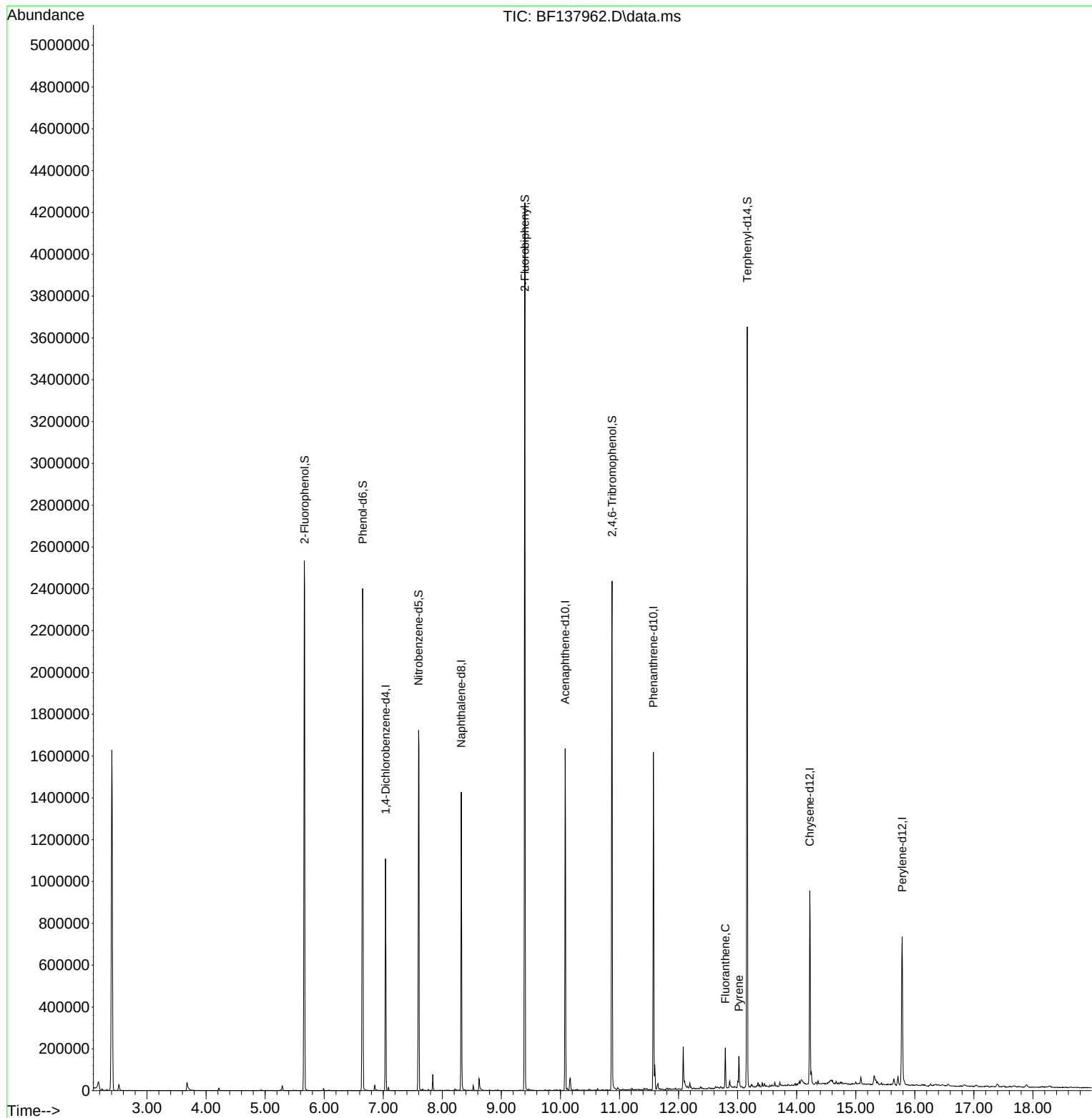
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.039	152	146451	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	575353	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	327919	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	569532	20.000	ng	0.00
76) Chrysene-d12	14.221	240	306433	20.000	ng	0.00
86) Perylene-d12	15.786	264	353515	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	790598	91.699	ng	0.00
7) Phenol-d6	6.651	99	986331	92.871	ng	0.00
23) Nitrobenzene-d5	7.598	82	584555	59.792	ng	-0.01
42) 2,4,6-Tribromophenol	10.874	330	319087	96.506	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1221346	57.372	ng	0.00
79) Terphenyl-d14	13.163	244	1222831	58.812	ng	0.00
Target Compounds						
75) Fluoranthene	12.792	202	67117	2.356	ng	99
78) Pyrene	13.021	202	57108	2.131	ng	99

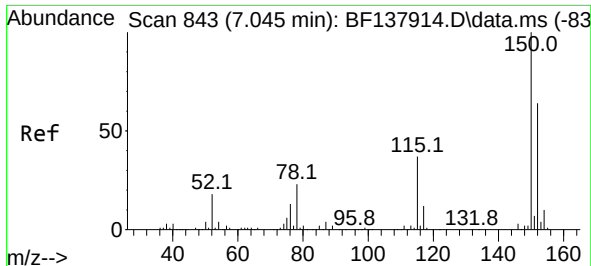
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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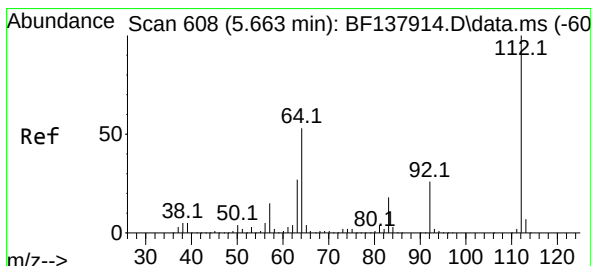
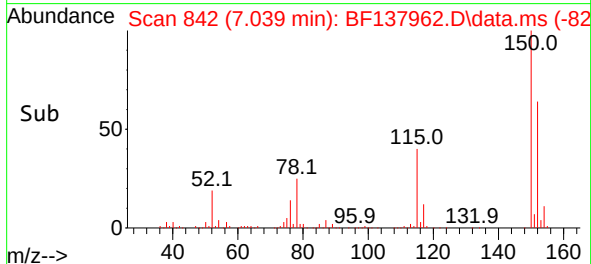
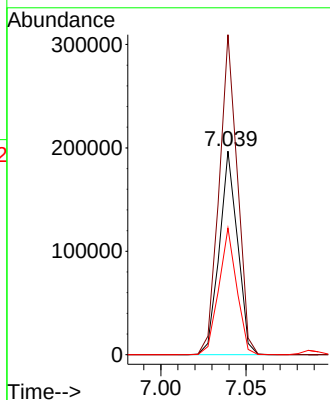
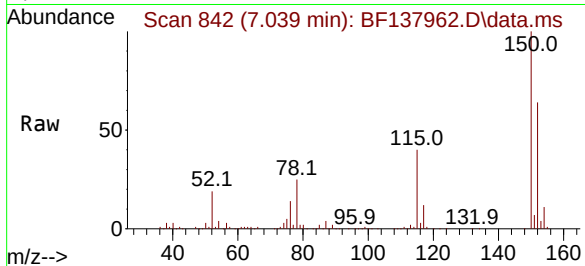




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.039 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137962.D
Acq: 20 May 2024 16:38

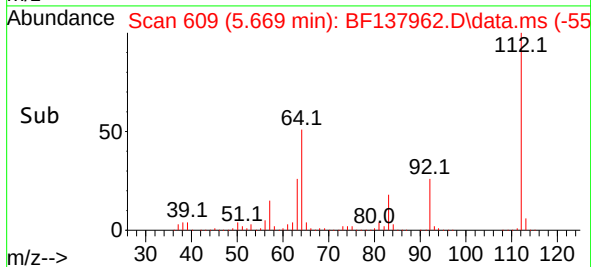
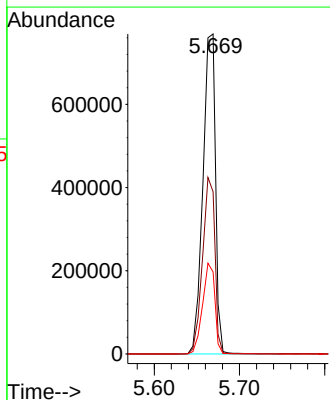
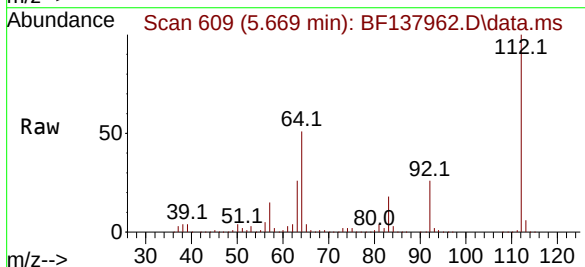
Instrument :
BNA_F
ClientSampleId :
TP-16

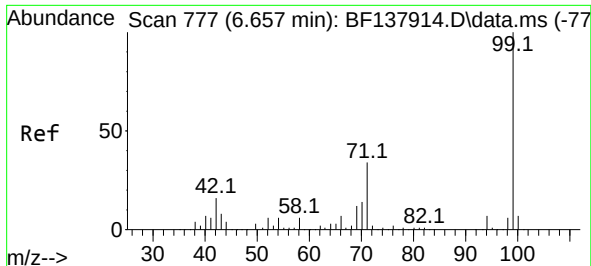
Tgt Ion:152 Resp: 146451
Ion Ratio Lower Upper
152 100
150 157.2 125.7 188.5
115 62.2 47.0 70.6



#5
2-Fluorophenol
Concen: 91.699 ng
RT: 5.669 min Scan# 609
Delta R.T. 0.006 min
Lab File: BF137962.D
Acq: 20 May 2024 16:38

Tgt Ion:112 Resp: 790598
Ion Ratio Lower Upper
112 100
64 50.7 42.4 63.6
63 25.7 21.4 32.2

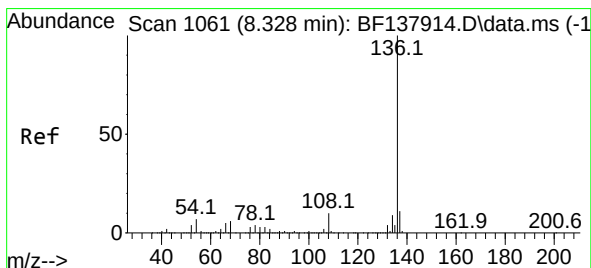
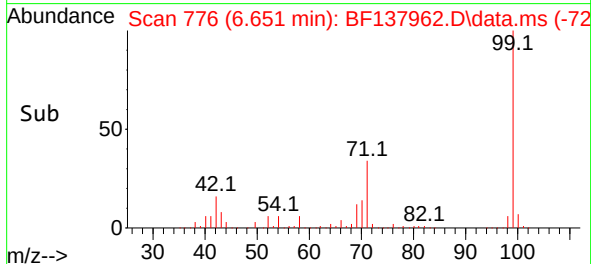
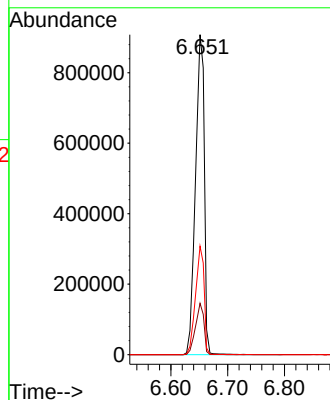
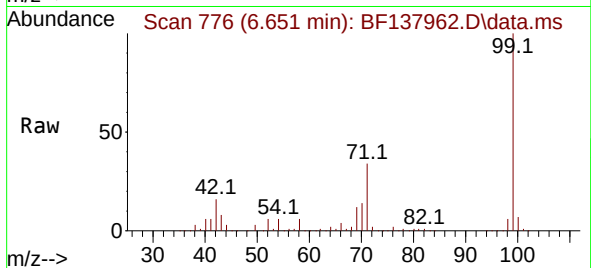




#7
Phenol-d6
Concen: 92.871 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137962.D
Acq: 20 May 2024 16:38

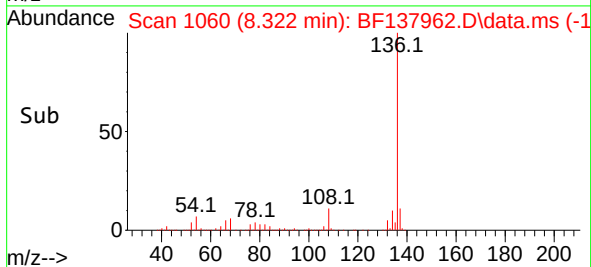
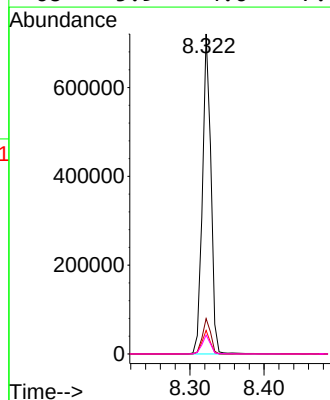
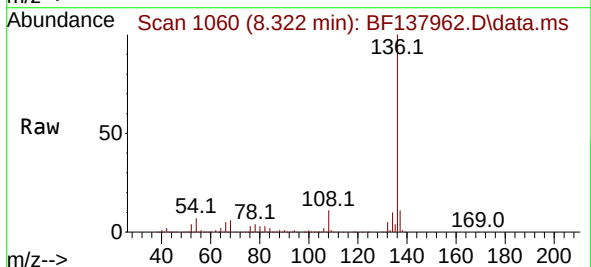
Instrument :
BNA_F
ClientSampleId :
TP-16

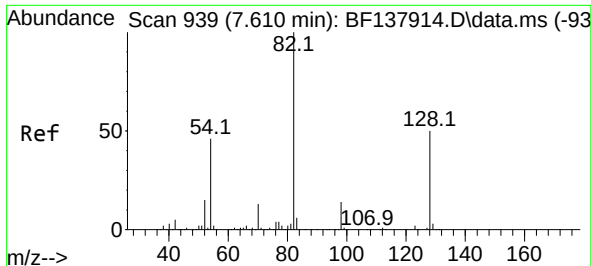
Tgt Ion: 99 Resp: 986331
Ion Ratio Lower Upper
99 100
42 16.0 12.6 18.8
71 33.9 27.1 40.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF137962.D
Acq: 20 May 2024 16:38

Tgt Ion: 136 Resp: 575353
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.4 5.4 8.2
68 5.9 4.6 7.0

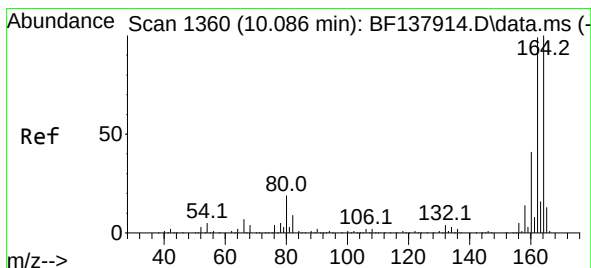
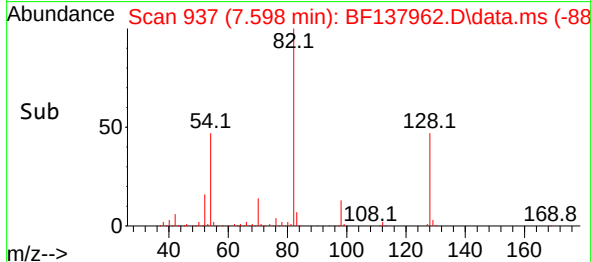
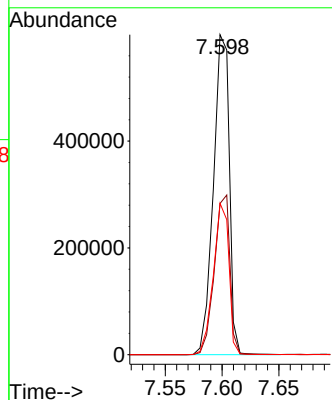
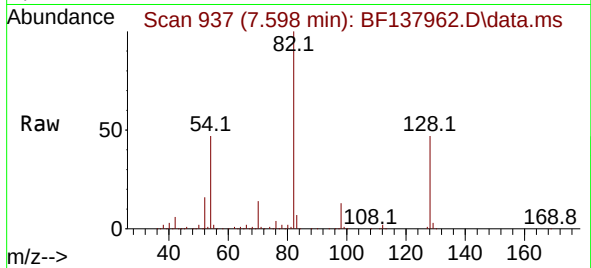




#23
Nitrobenzene-d5
Concen: 59.792 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF137962.D
Acq: 20 May 2024 16:38

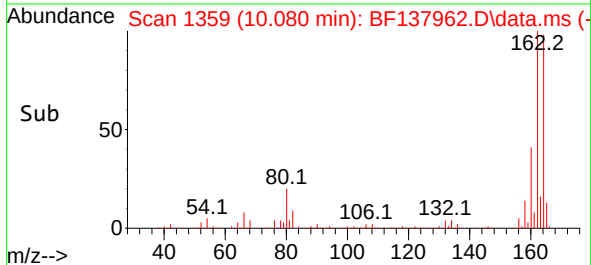
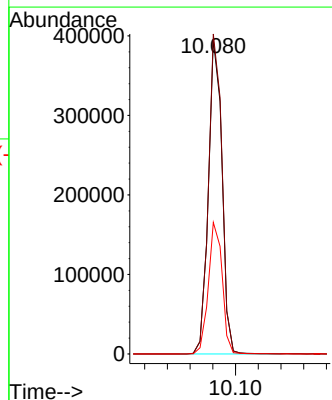
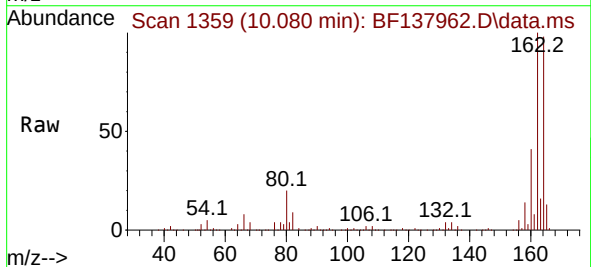
Instrument :
BNA_F
ClientSampleId :
TP-16

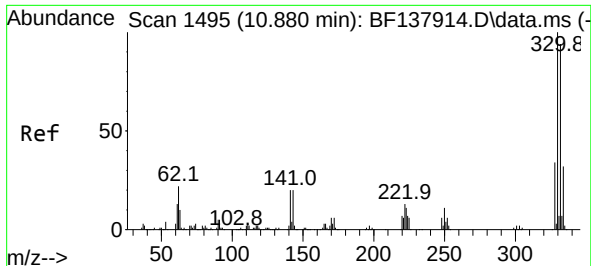
Tgt Ion: 82 Resp: 584555
Ion Ratio Lower Upper
82 100
128 47.3 40.3 60.5
54 47.3 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF137962.D
Acq: 20 May 2024 16:38

Tgt Ion:164 Resp: 327919
Ion Ratio Lower Upper
164 100
162 101.8 79.4 119.2
160 41.9 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 96.506 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF137962.D

Acq: 20 May 2024 16:38

Instrument :

BNA_F

ClientSampleId :

TP-16

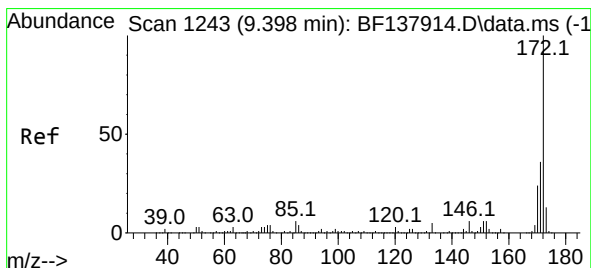
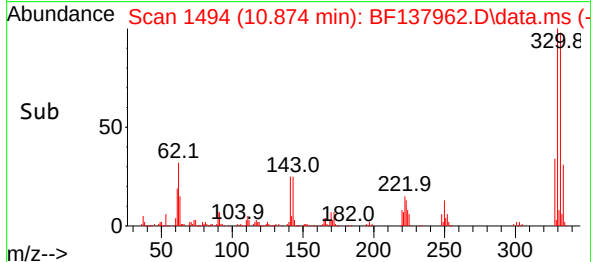
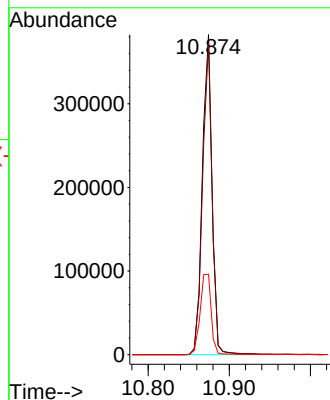
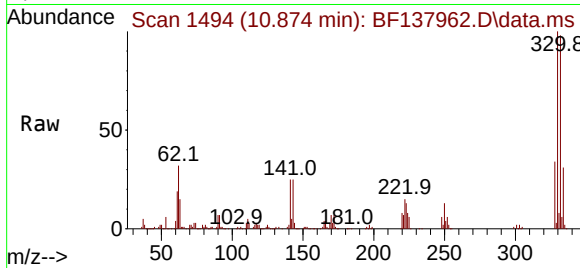
Tgt Ion:330 Resp: 319087

Ion Ratio Lower Upper

330 100

332 95.8 75.8 113.8

141 28.9 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 57.372 ng

RT: 9.398 min Scan# 1243

Delta R.T. -0.000 min

Lab File: BF137962.D

Acq: 20 May 2024 16:38

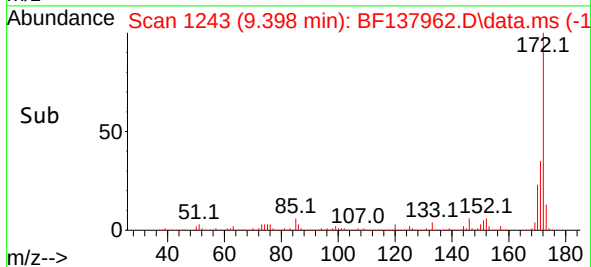
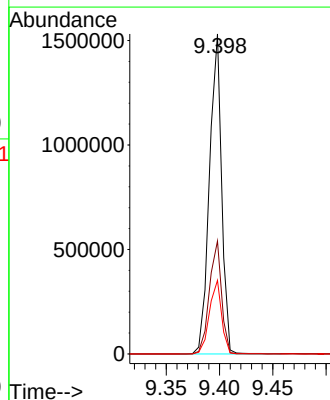
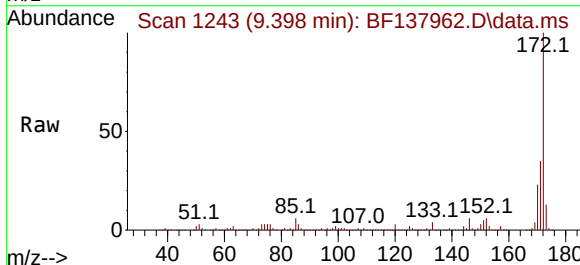
Tgt Ion:172 Resp: 1221346

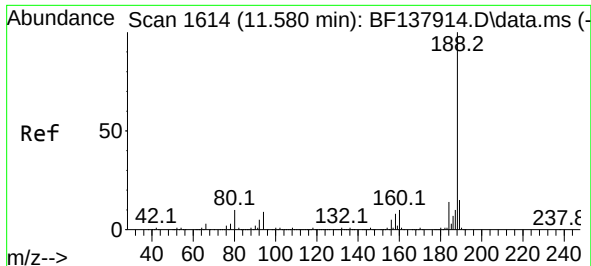
Ion Ratio Lower Upper

172 100

171 35.3 28.9 43.3

170 23.0 18.9 28.3

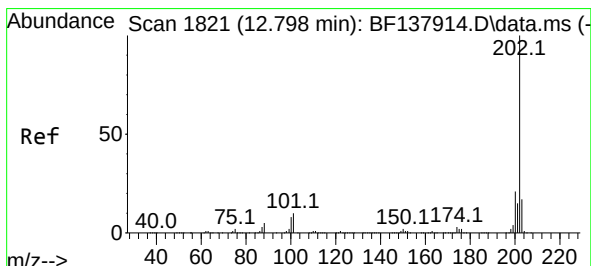
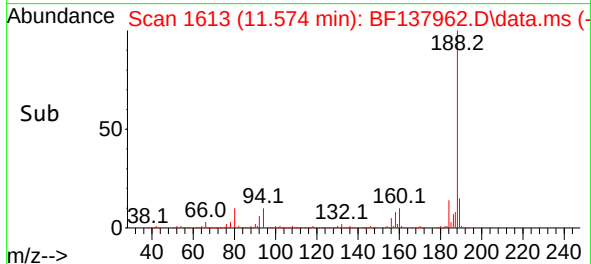
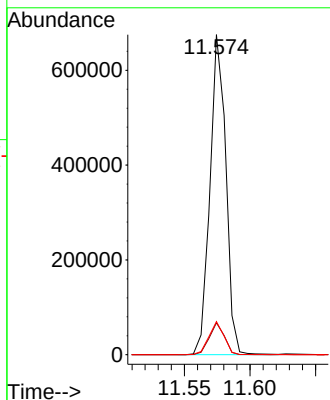
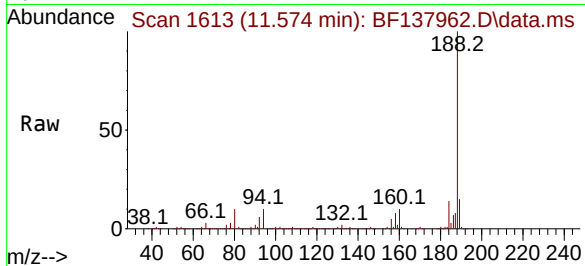




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137962.D
Acq: 20 May 2024 16:38

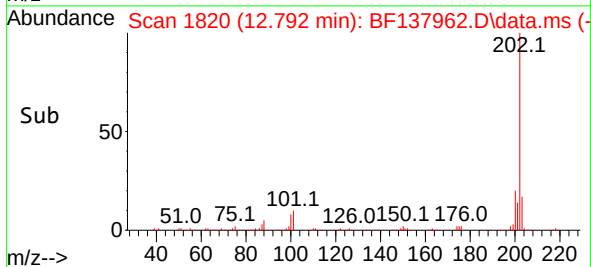
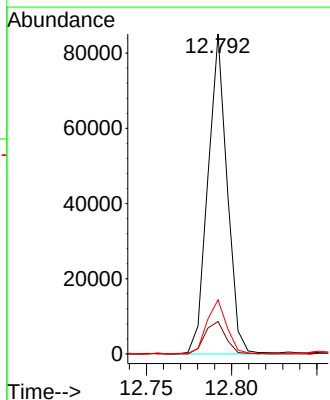
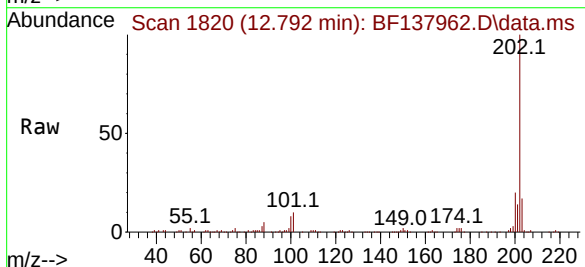
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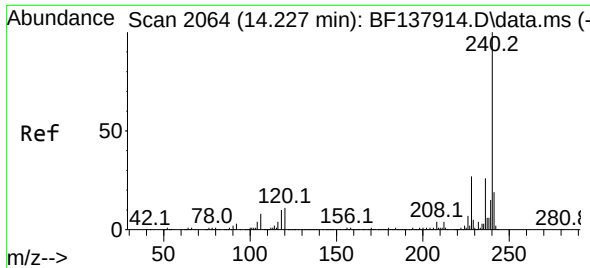
Tgt Ion:188 Resp: 569532
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.4
80 10.4 7.7 11.5



#75
Fluoranthene
Concen: 2.356 ng
RT: 12.792 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF137962.D
Acq: 20 May 2024 16:38

Tgt Ion:202 Resp: 67117
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.5
203 16.9 0.0 37.3

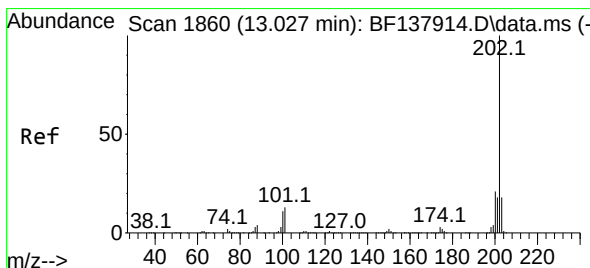
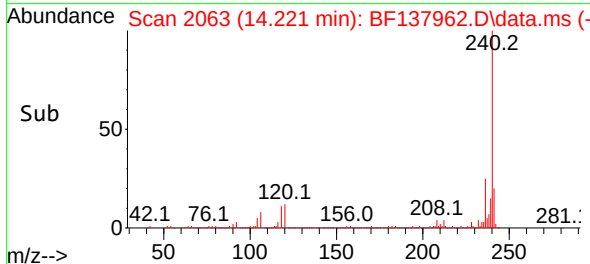
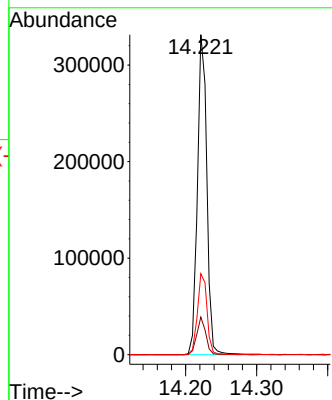
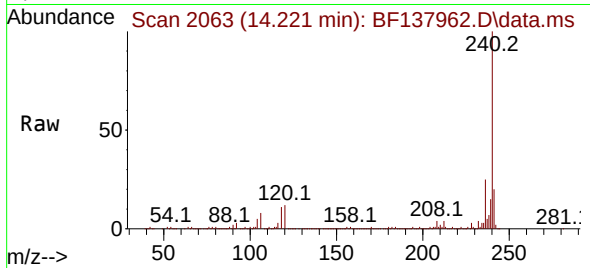




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF137962.D
Acq: 20 May 2024 16:38

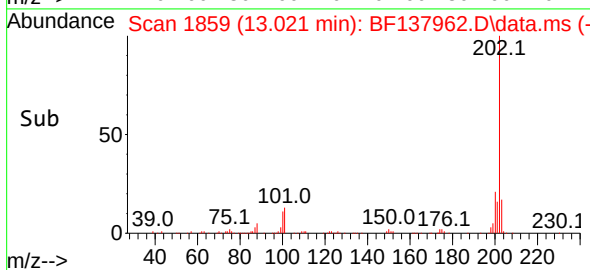
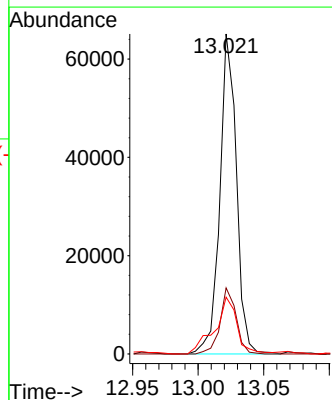
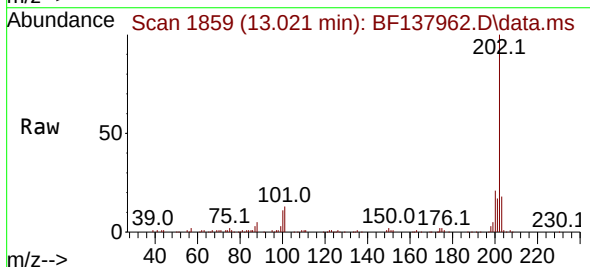
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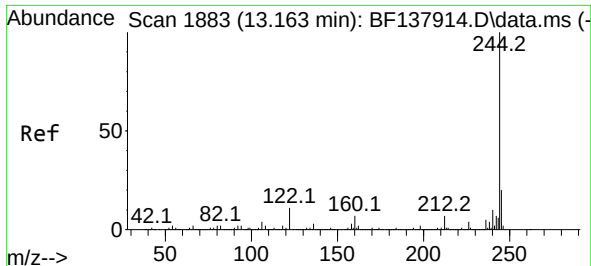
Tgt Ion:240 Resp: 306433
Ion Ratio Lower Upper
240 100
120 11.8 8.9 13.3
236 25.3 21.0 31.4



#78
Pyrene
Concen: 2.131 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF137962.D
Acq: 20 May 2024 16:38

Tgt Ion:202 Resp: 57108
Ion Ratio Lower Upper
202 100
200 20.6 17.0 25.4
203 17.8 14.1 21.1

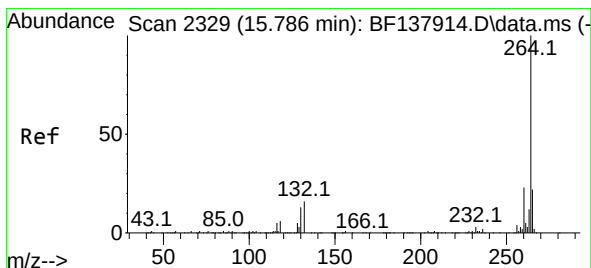
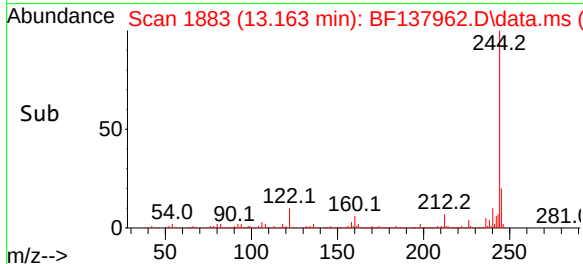
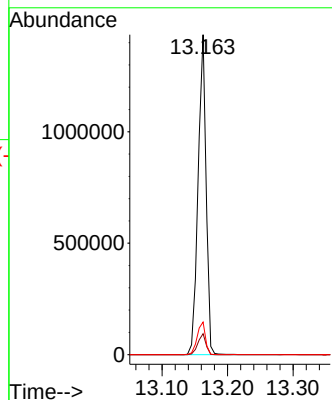
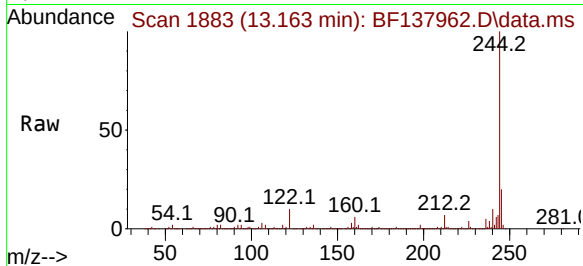




#79
 Terphenyl-d14
 Concen: 58.812 ng
 RT: 13.163 min Scan# 1883
 Delta R.T. -0.000 min
 Lab File: BF137962.D
 Acq: 20 May 2024 16:38

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 1222831
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.2 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.786 min Scan# 2329
 Delta R.T. -0.000 min
 Lab File: BF137962.D
 Acq: 20 May 2024 16:38

Tgt Ion:264 Resp: 353515
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.3 27.5
 265 21.1 17.6 26.4

