

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
Data File : BF137821.D
Acq On : 02 May 2024 18:21
Operator : CG\JU
Sample : P2323-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Time: May 03 02:23:16 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	136510	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	539889	20.000	ng	0.00
39) Acenaphthene-d10	10.098	164	307471	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	486662	20.000	ng	0.00
76) Chrysene-d12	14.245	240	347904	20.000	ng	0.00
86) Perylene-d12	15.815	264	432137	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	1097551	134.614	ng	0.00
7) Phenol-d6	6.669	99	949828	91.845	ng	0.00
23) Nitrobenzene-d5	7.616	82	575153	61.893	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	280278	89.279	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	1174616	61.978	ng	0.00
79) Terphenyl-d14	13.180	244	1284120	61.856	ng	0.00

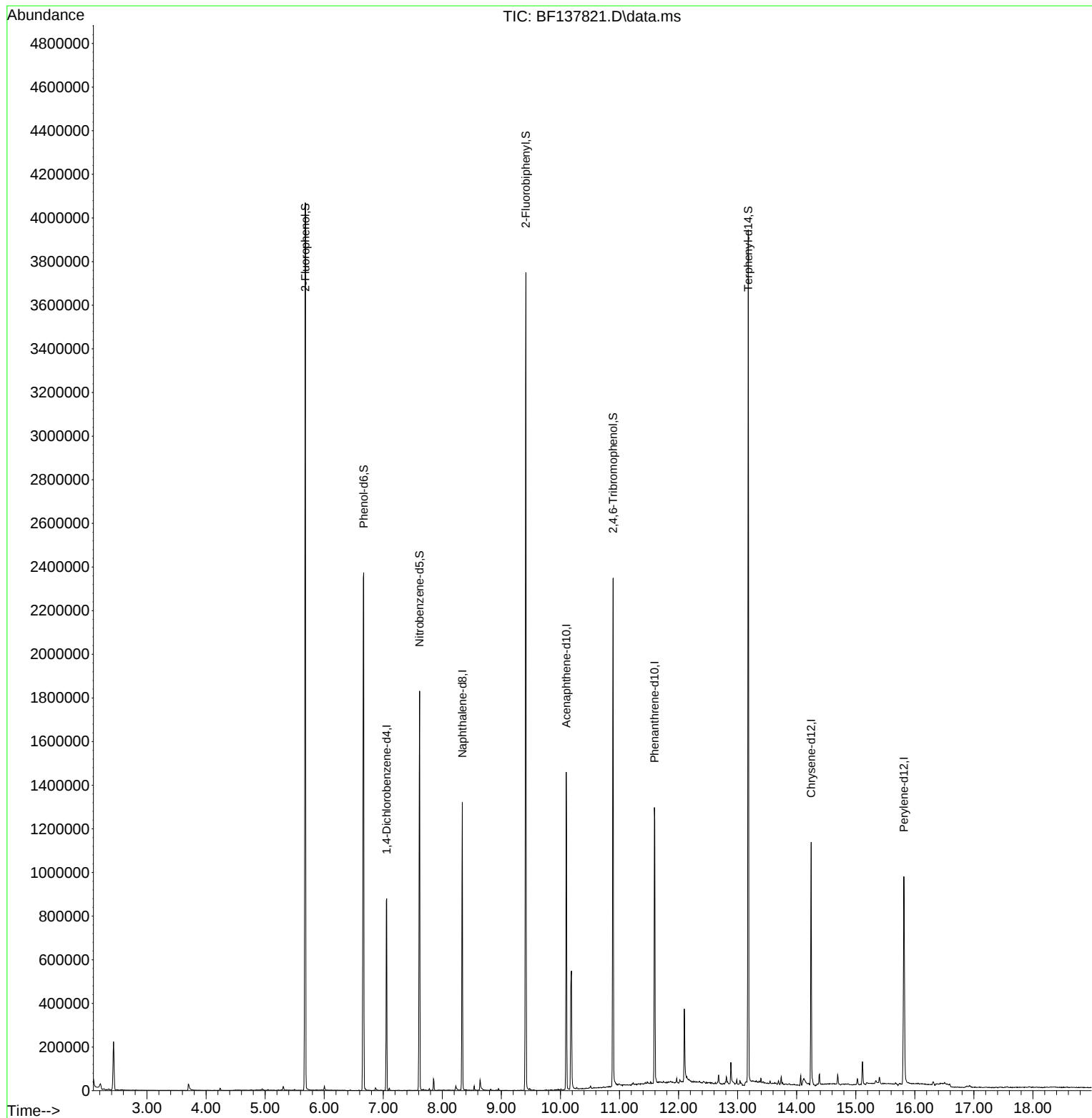
Target Compounds	Qvalue

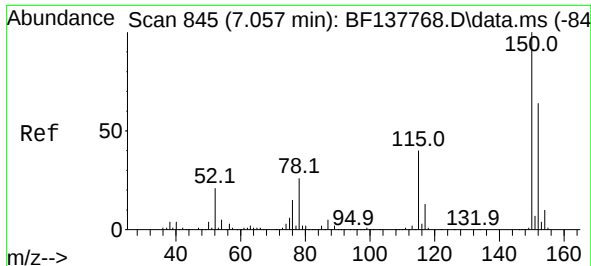
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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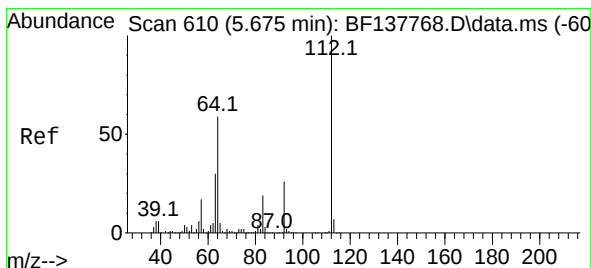
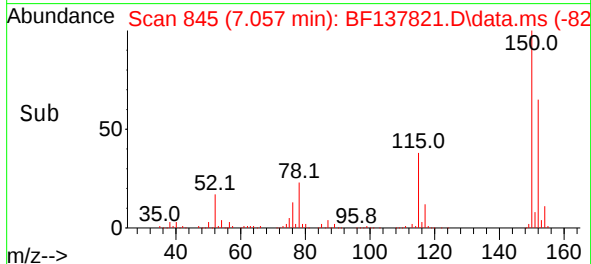
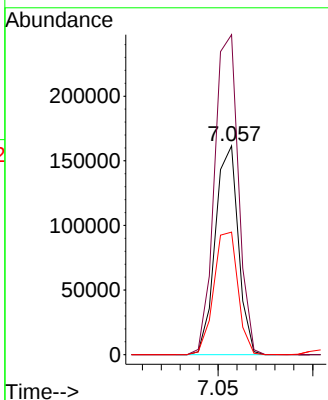
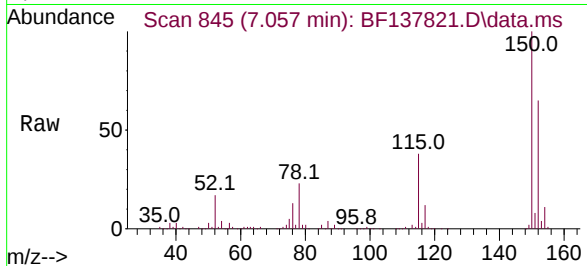




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137821.D
Acq: 02 May 2024 18:21

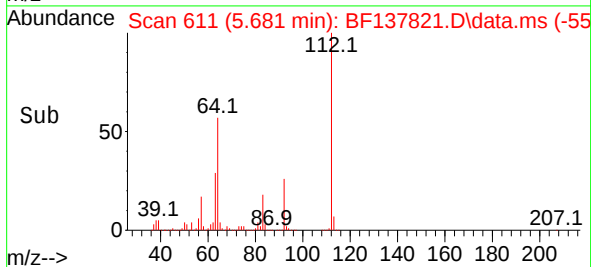
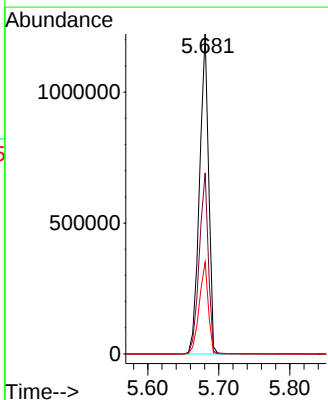
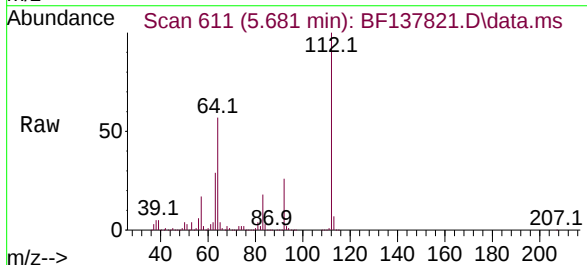
Instrument :
BNA_F
ClientSampleId :
TP-2

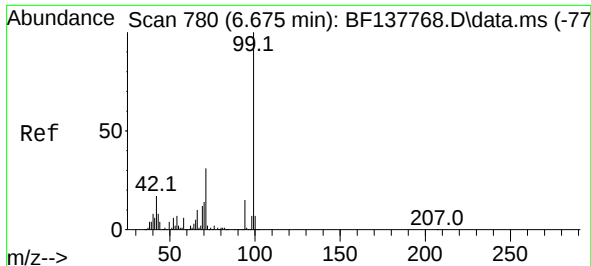
Tgt Ion:152 Resp: 136510
Ion Ratio Lower Upper
152 100
150 153.3 124.1 186.1
115 58.7 49.1 73.7



#5
2-Fluorophenol
Concen: 134.614 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.006 min
Lab File: BF137821.D
Acq: 02 May 2024 18:21

Tgt Ion:112 Resp: 1097551
Ion Ratio Lower Upper
112 100
64 56.6 47.3 70.9
63 28.7 23.7 35.5

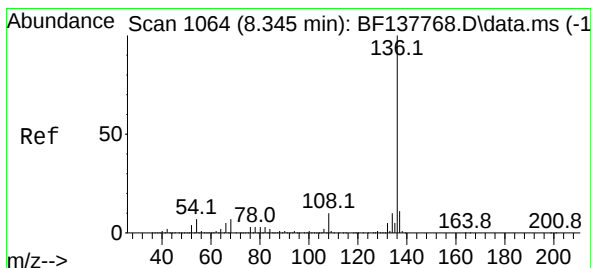
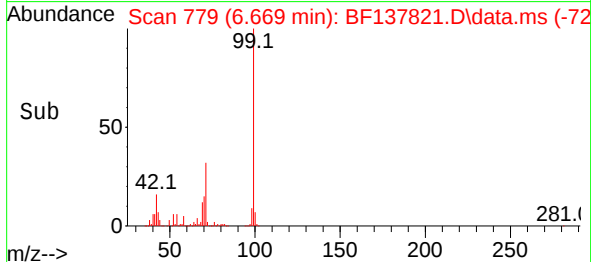
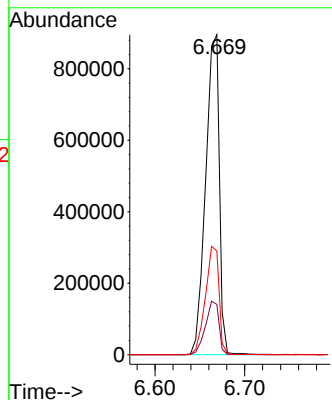
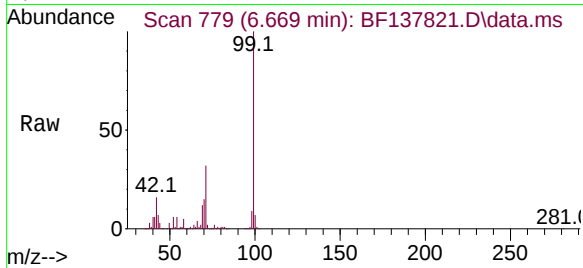




#7
Phenol-d6
Concen: 91.845 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137821.D
Acq: 02 May 2024 18:21

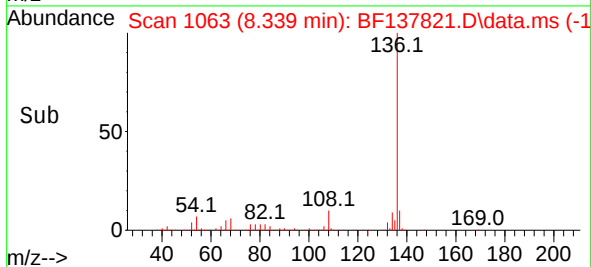
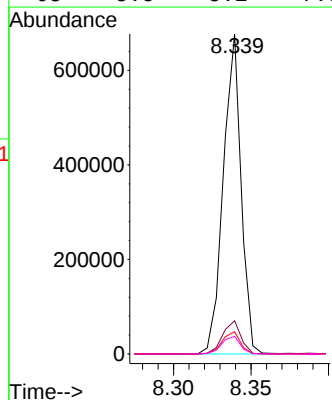
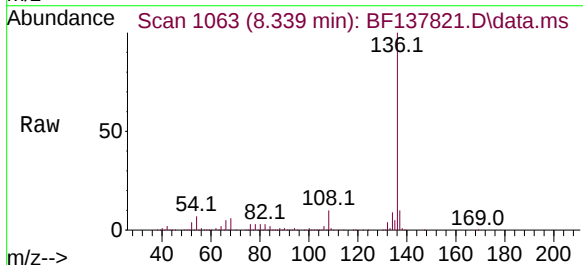
Instrument :
BNA_F
ClientSampleId :
TP-2

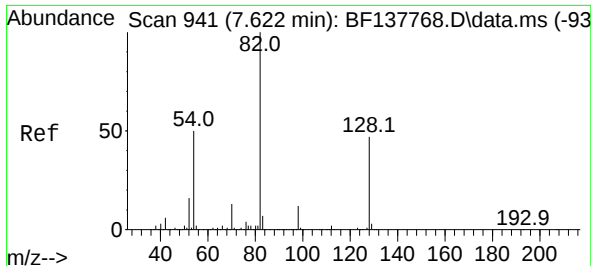
Tgt Ion: 99 Resp: 949828
Ion Ratio Lower Upper
99 100
42 15.7 13.2 19.8
71 32.4 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137821.D
Acq: 02 May 2024 18:21

Tgt Ion: 136 Resp: 539889
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 7.0 5.8 8.8
68 5.5 5.2 7.8





#23

Nitrobenzene-d5

Concen: 61.893 ng

RT: 7.616 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137821.D

Acq: 02 May 2024 18:21

Instrument :

BNA_F

ClientSampleId :

TP-2

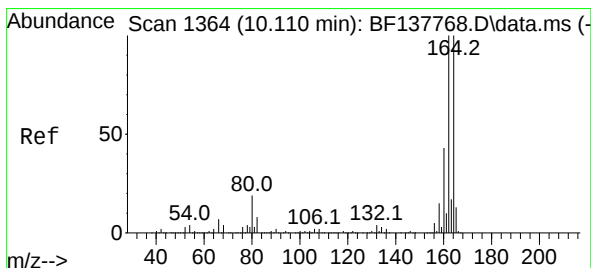
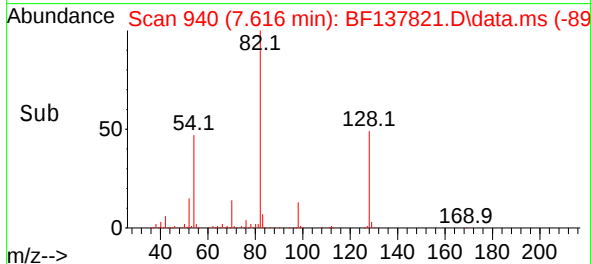
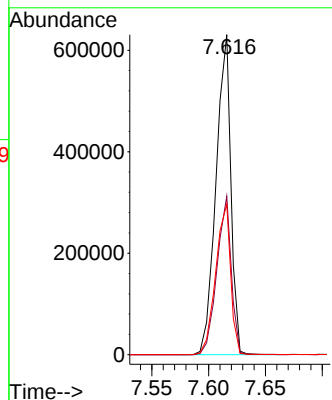
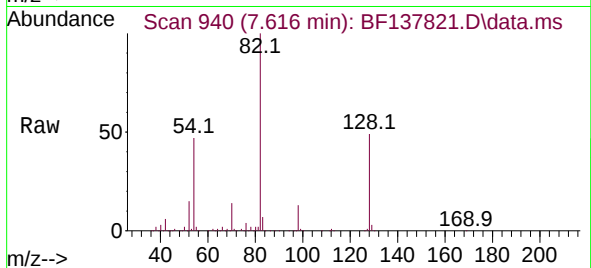
Tgt Ion: 82 Resp: 575153

Ion Ratio Lower Upper

82 100

128 49.5 37.5 56.3

54 47.1 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: BF137821.D

Acq: 02 May 2024 18:21

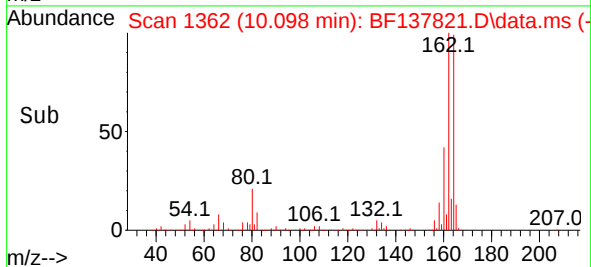
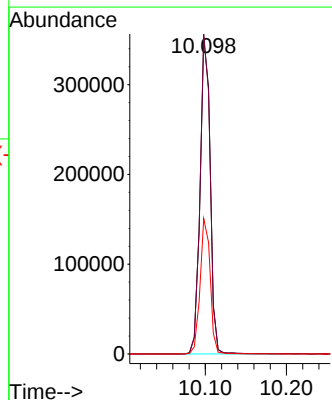
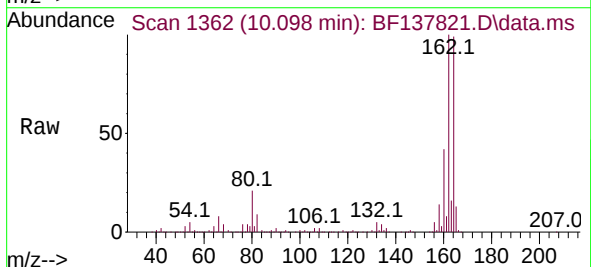
Tgt Ion: 164 Resp: 307471

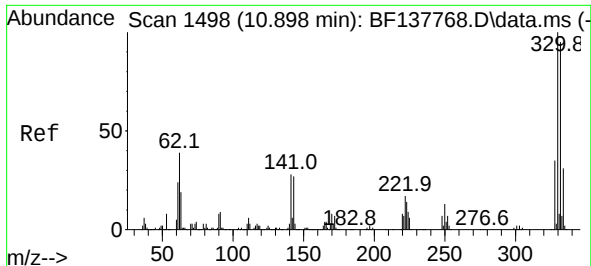
Ion Ratio Lower Upper

164 100

162 101.2 79.8 119.6

160 42.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 89.279 ng

RT: 10.892 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF137821.D

Acq: 02 May 2024 18:21

Instrument :

BNA_F

ClientSampleId :

TP-2

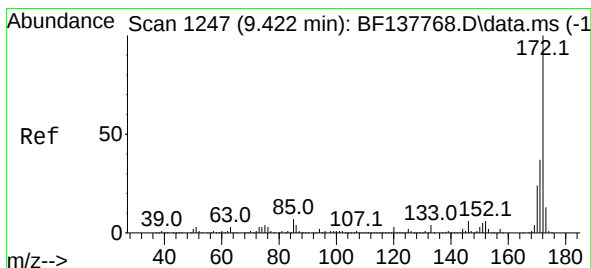
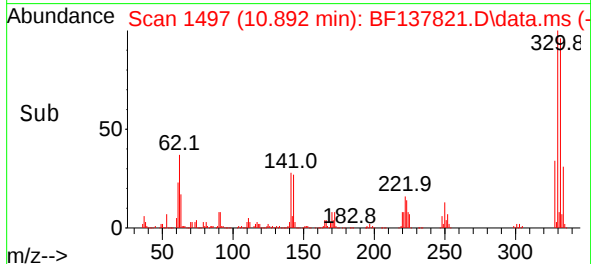
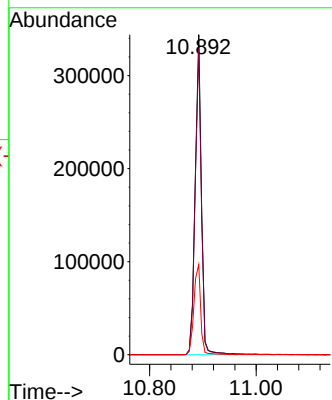
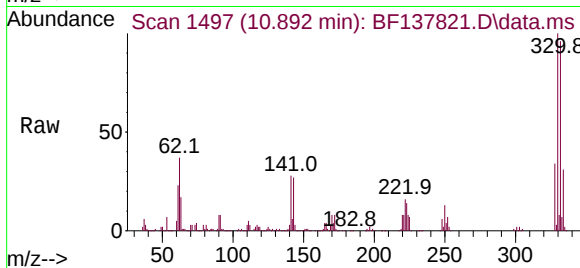
Tgt Ion:330 Resp: 280278

Ion Ratio Lower Upper

330 100

332 95.7 77.3 115.9

141 30.7 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 61.978 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137821.D

Acq: 02 May 2024 18:21

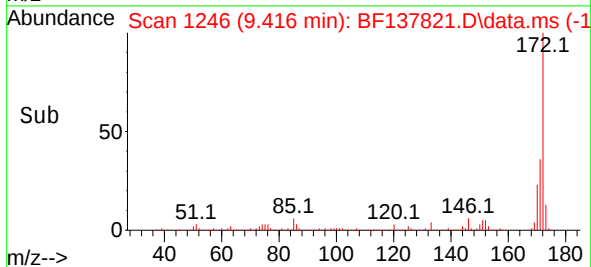
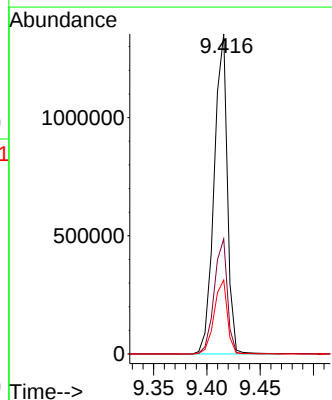
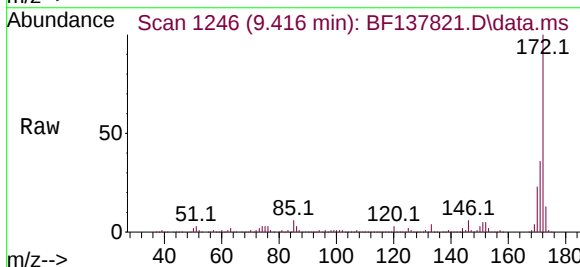
Tgt Ion:172 Resp: 1174616

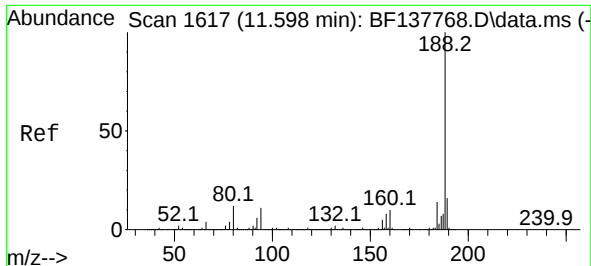
Ion Ratio Lower Upper

172 100

171 36.0 29.6 44.4

170 23.1 19.4 29.2

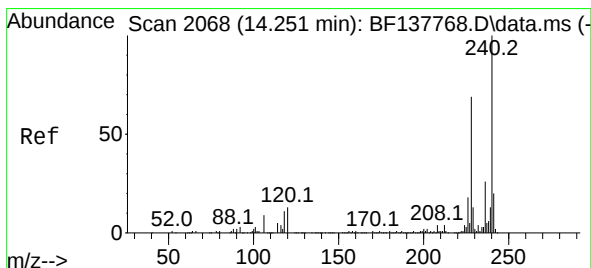
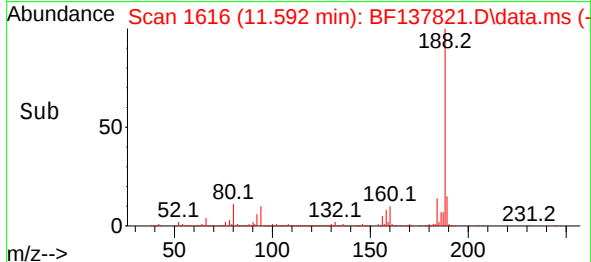
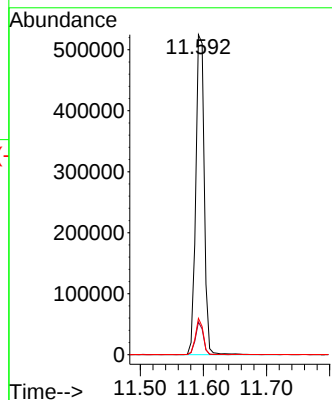
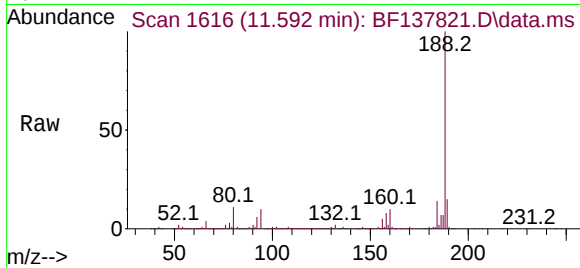




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.592 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137821.D
Acq: 02 May 2024 18:21

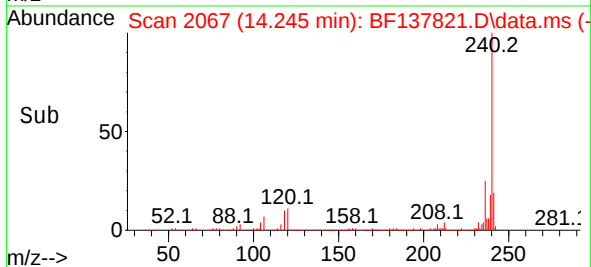
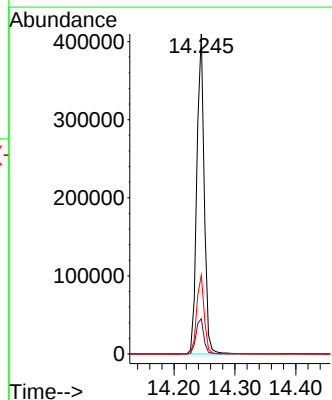
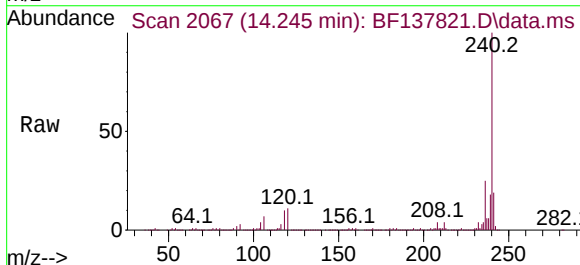
Instrument :
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TP-2

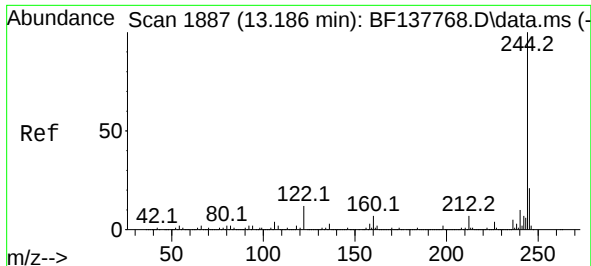
Tgt Ion:188 Resp: 486662
Ion Ratio Lower Upper
188 100
94 10.2 8.8 13.2
80 11.3 9.6 14.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BF137821.D
Acq: 02 May 2024 18:21

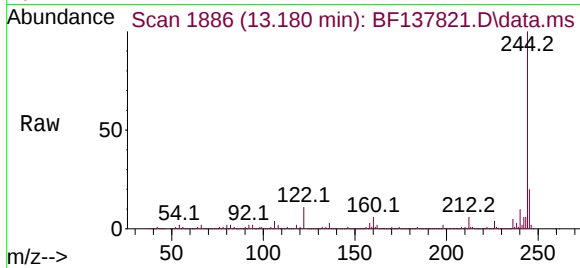
Tgt Ion:240 Resp: 347904
Ion Ratio Lower Upper
240 100
120 11.0 10.4 15.6
236 24.6 20.4 30.6



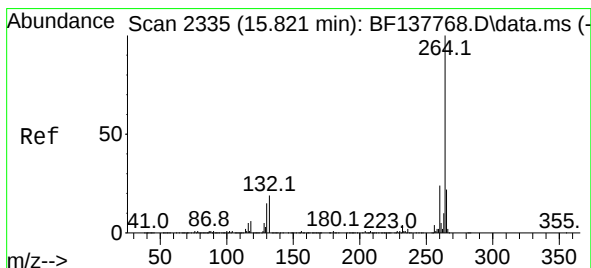
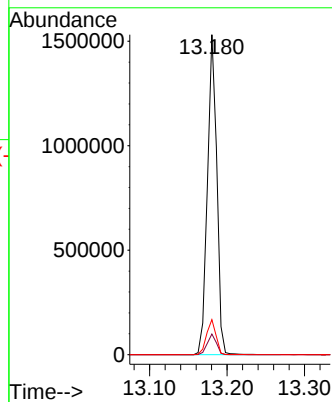
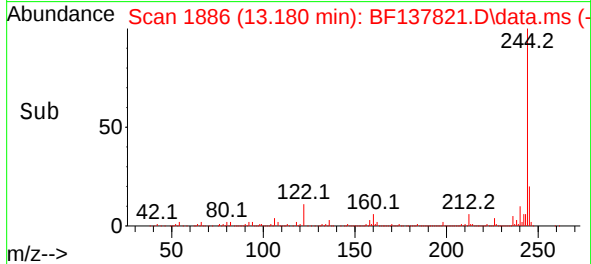


#79
 Terphenyl-d14
 Concen: 61.856 ng
 RT: 13.180 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF137821.D
 Acq: 02 May 2024 18:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-2



Tgt Ion:244 Resp: 1284120
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.5 8.3
 122 11.0 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: BF137821.D
 Acq: 02 May 2024 18:21

Tgt Ion:264 Resp: 432137
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.9 28.3
 265 20.9 17.4 26.0

