

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
 Data File : BF137974.D
 Acq On : 21 May 2024 12:52
 Operator : CG\JU
 Sample : PB160998BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160998BL

Quant Time: May 21 13:14:59 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	7.034	152	160952	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	624402	20.000	ng	-0.01
39) Acenaphthene-d10	10.081	164	362173	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	641577	20.000	ng	0.00
76) Chrysene-d12	14.221	240	425174	20.000	ng	0.00
86) Perylene-d12	15.786	264	346812	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1107672	116.901	ng	0.00
7) Phenol-d6	6.651	99	1345543	115.279	ng	0.00
23) Nitrobenzene-d5	7.593	82	838331	79.013	ng	-0.02
42) 2,4,6-Tribromophenol	10.875	330	465879	127.576	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1804553	76.751	ng	0.00
79) Terphenyl-d14	13.163	244	2200491	76.277	ng	0.00

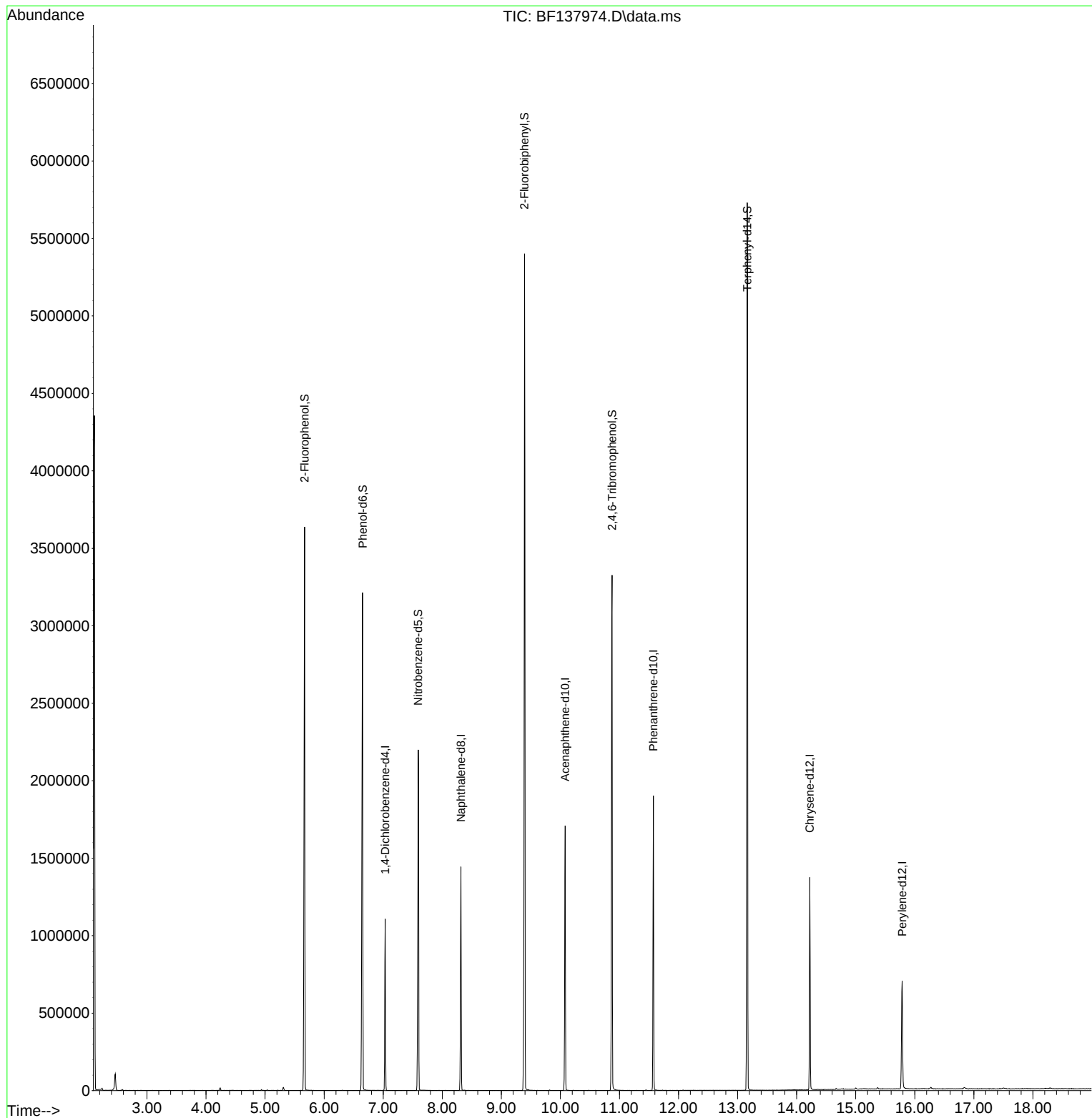
Target Compounds	Qvalue

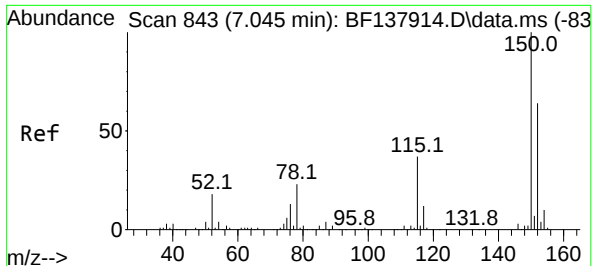
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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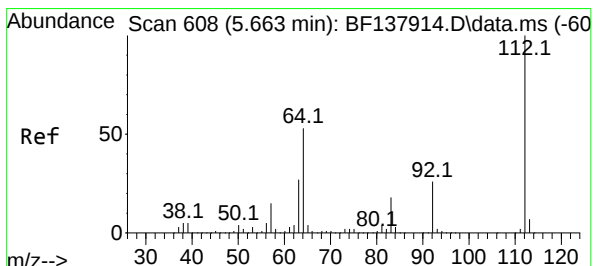
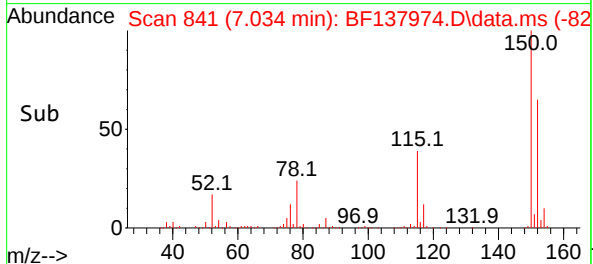
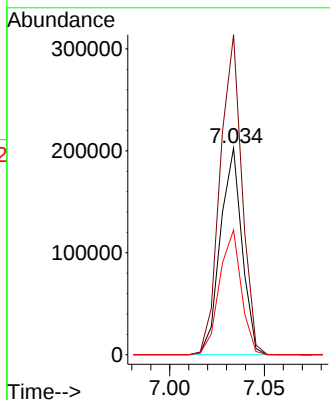
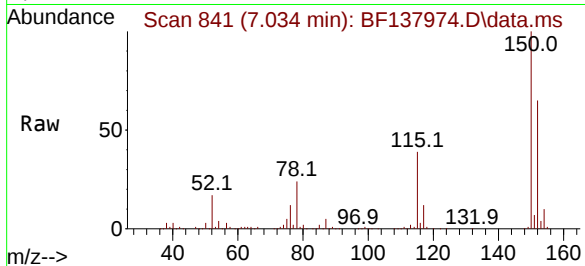




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF137974.D
Acq: 21 May 2024 12:52

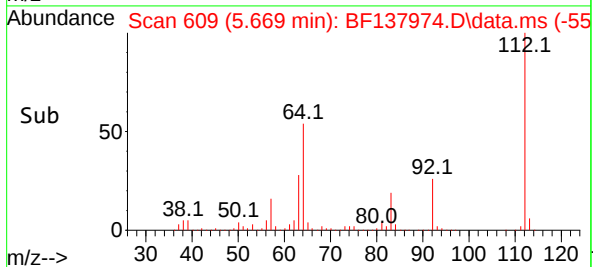
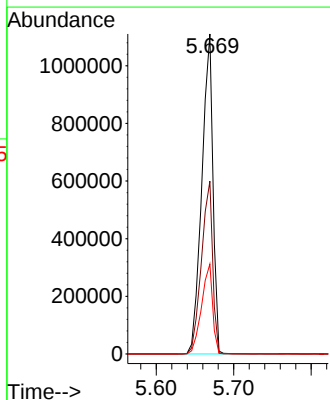
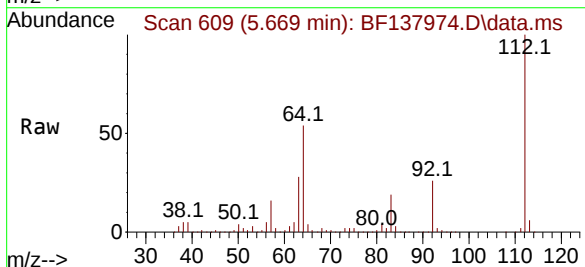
Instrument :
BNA_F
ClientSampleId :
PB160998BL

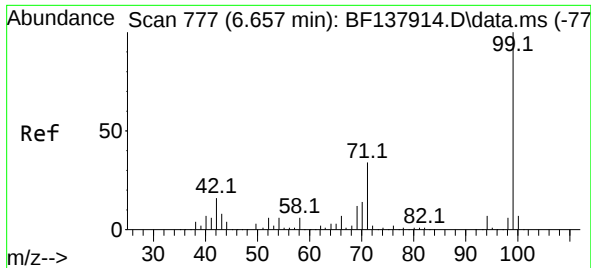
Tgt Ion:152 Resp: 160952
Ion Ratio Lower Upper
152 100
150 154.9 125.7 188.5
115 60.3 47.0 70.6



#5
2-Fluorophenol
Concen: 116.901 ng
RT: 5.669 min Scan# 609
Delta R.T. 0.006 min
Lab File: BF137974.D
Acq: 21 May 2024 12:52

Tgt Ion:112 Resp: 1107672
Ion Ratio Lower Upper
112 100
64 54.0 42.4 63.6
63 28.1 21.4 32.2

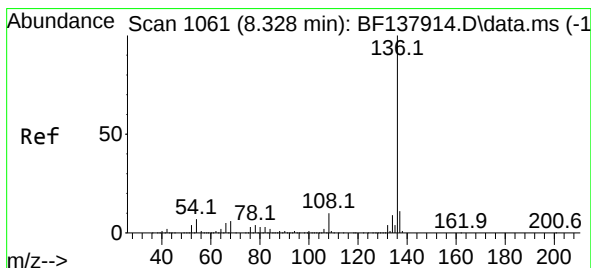
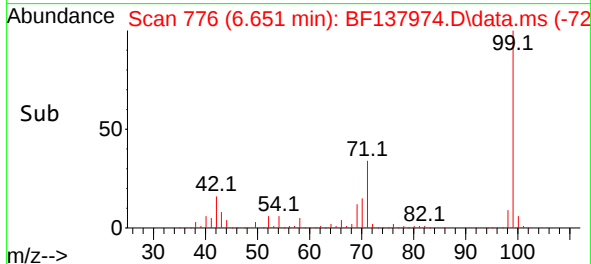
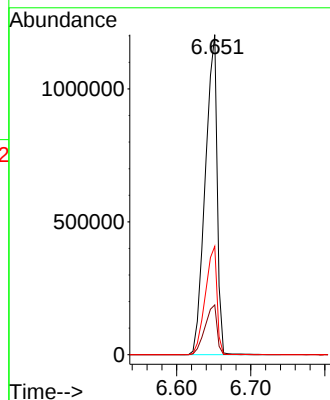
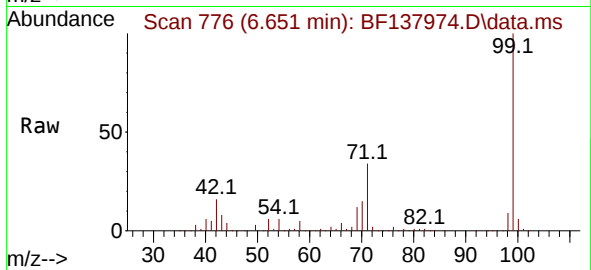




#7
Phenol-d6
Concen: 115.279 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137974.D
Acq: 21 May 2024 12:52

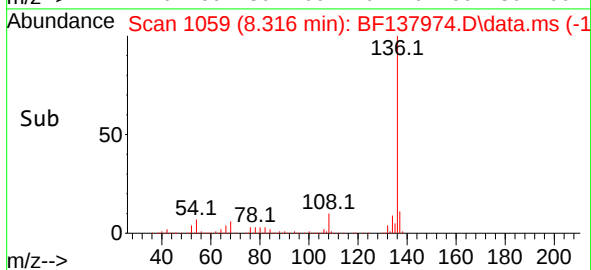
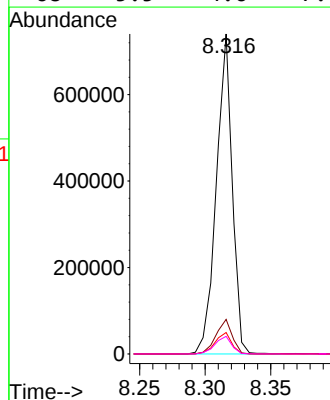
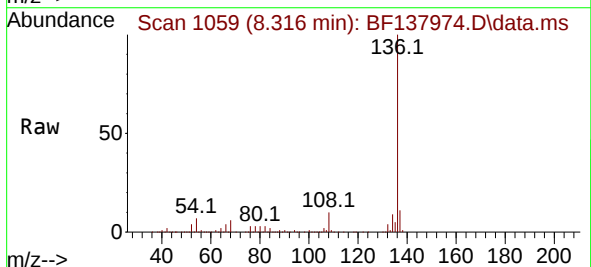
Instrument :
BNA_F
ClientSampleId :
PB160998BL

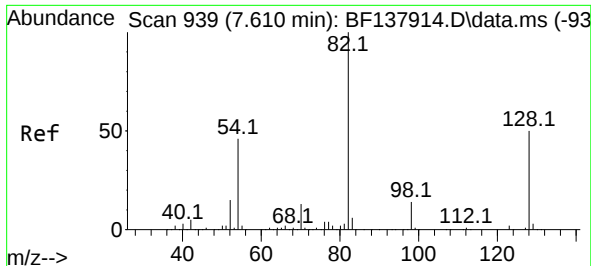
Tgt Ion: 99 Resp: 1345543
Ion Ratio Lower Upper
99 100
42 15.5 12.6 18.8
71 33.9 27.1 40.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF137974.D
Acq: 21 May 2024 12:52

Tgt Ion: 136 Resp: 624402
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 6.7 5.4 8.2
68 5.5 4.6 7.0





#23

Nitrobenzene-d5

Concen: 79.013 ng

RT: 7.593 min Scan# 91

Delta R.T. -0.017 min

Lab File: BF137974.D

Acq: 21 May 2024 12:52

Instrument :

BNA_F

ClientSampleId :

PB160998BL

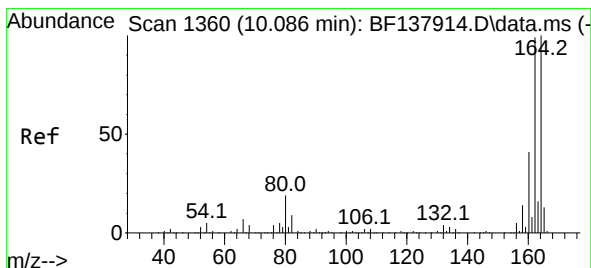
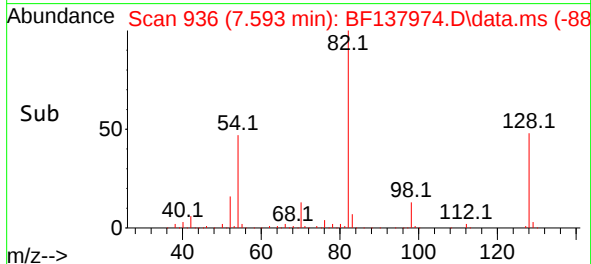
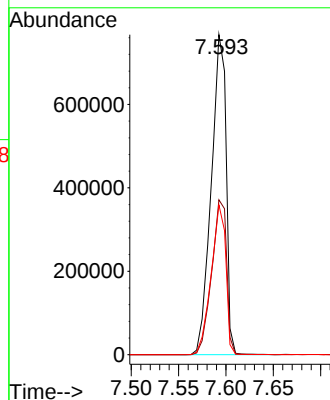
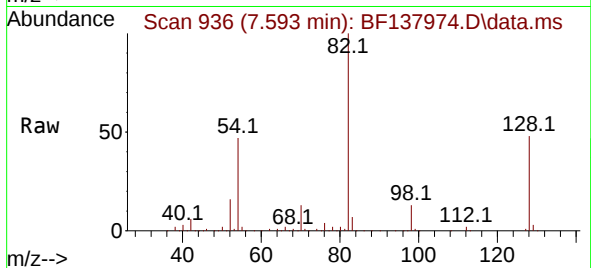
Tgt Ion: 82 Resp: 838331

Ion Ratio Lower Upper

82 100

128 48.4 40.3 60.5

54 46.8 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.081 min Scan# 1359

Delta R.T. -0.005 min

Lab File: BF137974.D

Acq: 21 May 2024 12:52

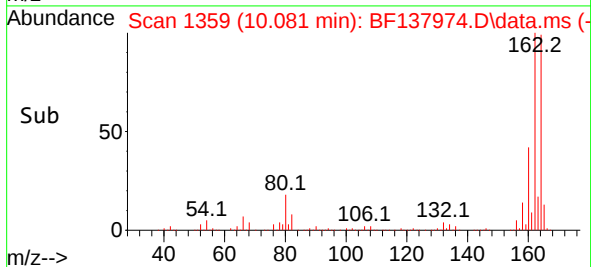
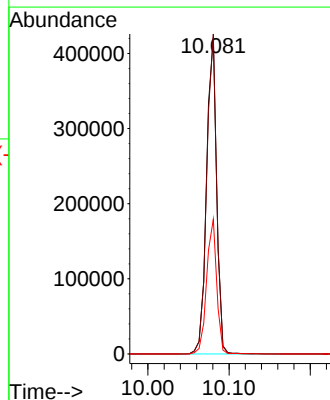
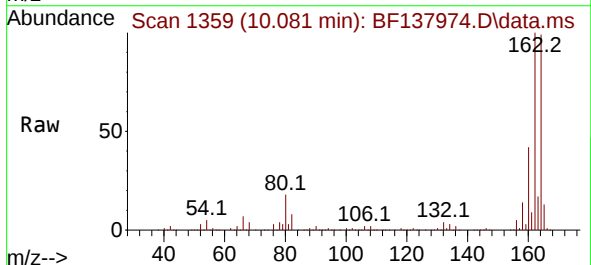
Tgt Ion:164 Resp: 362173

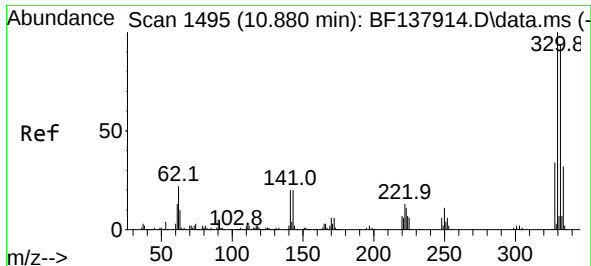
Ion Ratio Lower Upper

164 100

162 101.2 79.4 119.2

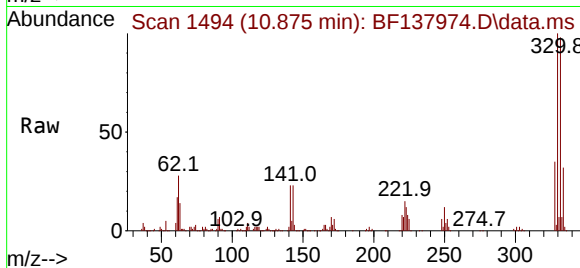
160 42.6 33.1 49.7



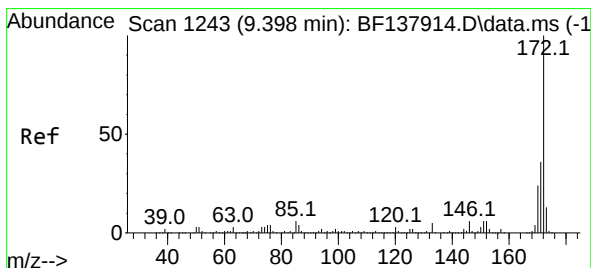
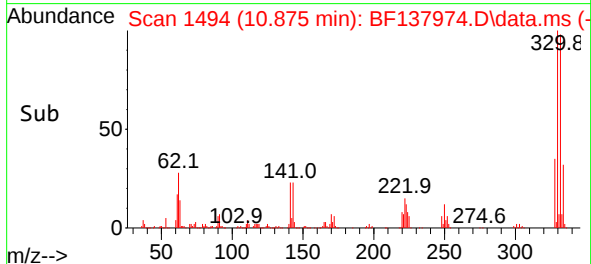
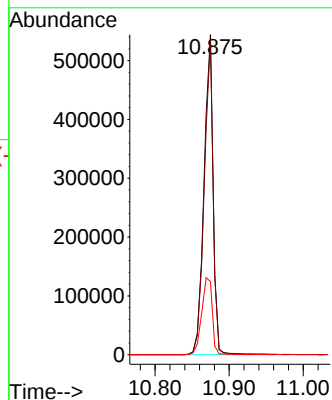


#42
2,4,6-Tribromophenol
Concen: 127.576 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF137974.D
Acq: 21 May 2024 12:52

Instrument :
BNA_F
ClientSampleId :
PB160998BL

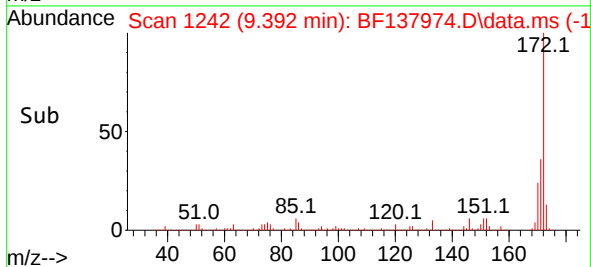
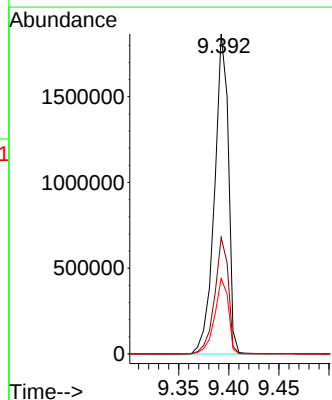
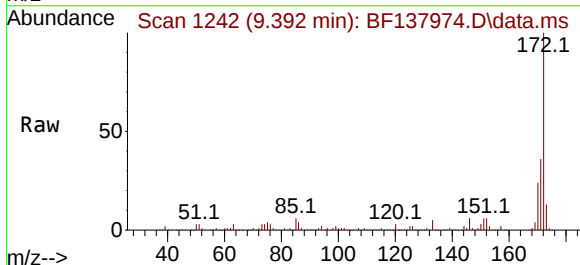


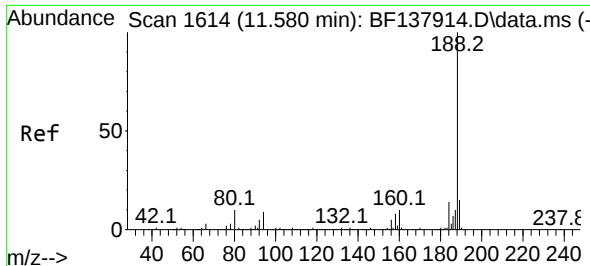
Tgt Ion:330 Resp: 465879
Ion Ratio Lower Upper
330 100
332 96.4 75.8 113.8
141 27.9 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 76.751 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF137974.D
Acq: 21 May 2024 12:52

Tgt Ion:172 Resp: 1804553
Ion Ratio Lower Upper
172 100
171 36.4 28.9 43.3
170 23.6 18.9 28.3

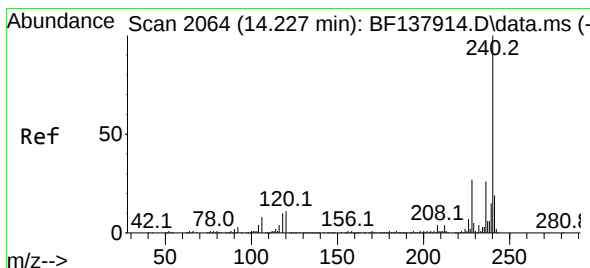
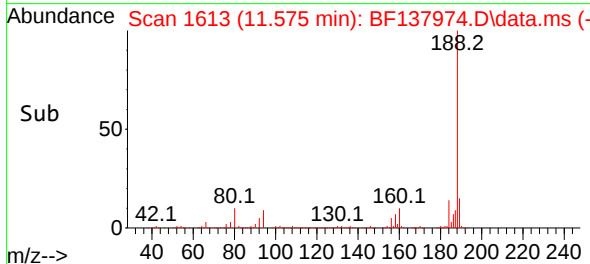
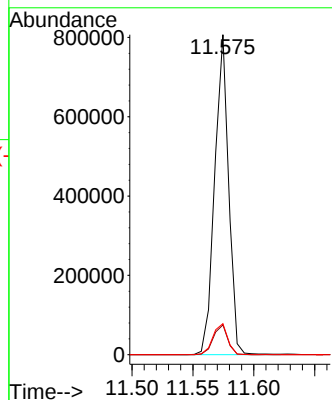
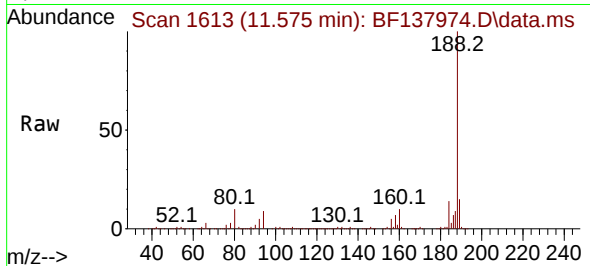




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.575 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137974.D
Acq: 21 May 2024 12:52

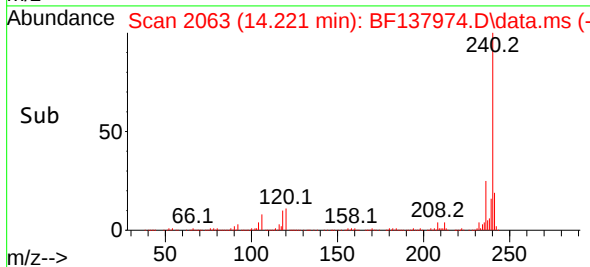
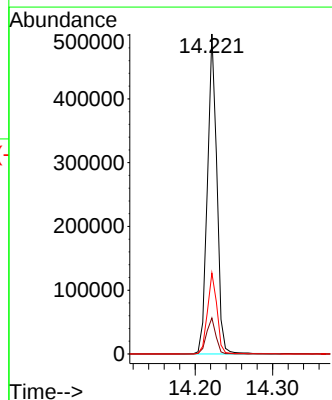
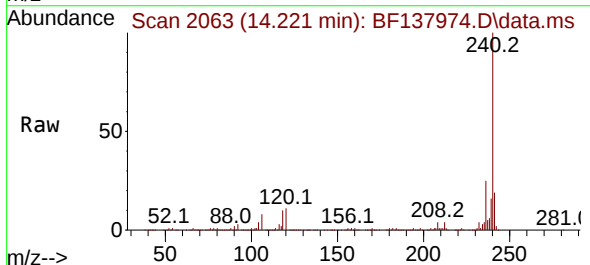
Instrument :
BNA_F
ClientSampleId :
PB160998BL

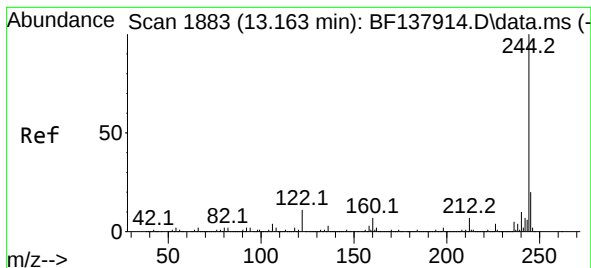
Tgt Ion:188 Resp: 641577
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 9.7 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF137974.D
Acq: 21 May 2024 12:52

Tgt Ion:240 Resp: 425174
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 25.3 21.0 31.4





#79

Terphenyl-d14

Concen: 76.277 ng

RT: 13.163 min Scan# 1883

Delta R.T. 0.000 min

Lab File: BF137974.D

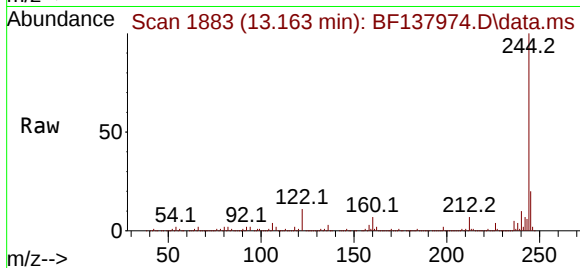
Acq: 21 May 2024 12:52

Instrument :

BNA_F

ClientSampleId :

PB160998BL



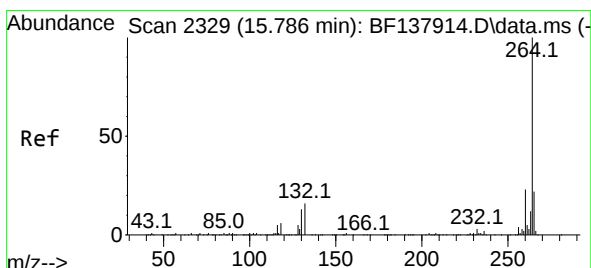
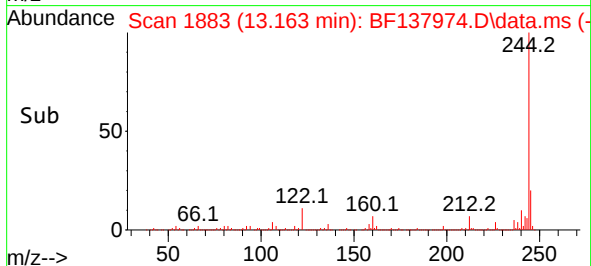
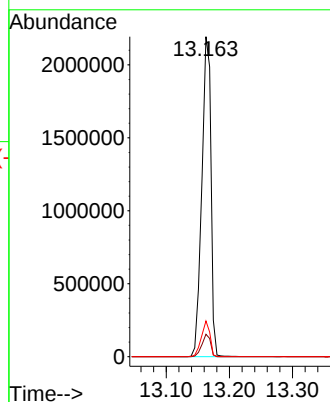
Tgt Ion:244 Resp: 2200491

Ion	Ratio	Lower	Upper
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244	100		
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212	7.0	5.6	8.4
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122	11.2	8.8	13.2
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#86

Perylene-d12

Concen: 20.000 ng

RT: 15.786 min Scan# 2329

Delta R.T. 0.000 min

Lab File: BF137974.D

Acq: 21 May 2024 12:52

Tgt Ion:264 Resp: 346812

Ion	Ratio	Lower	Upper
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264	100		
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260	23.6	18.3	27.5
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265	21.5	17.6	26.4
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