

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042624\
Data File : BF137731.D
Acq On : 26 Apr 2024 12:18
Operator : CG\JU
Sample : PB160534BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB160534BL

Quant Time: Apr 26 12:57:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 03:57:12 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	287298	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1122387	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	629749	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	1128907	20.000	ng	0.00
76) Chrysene-d12	14.251	240	789984	20.000	ng	# 0.00
86) Perylene-d12	15.821	264	586729	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	1612294	85.247	ng	0.01
7) Phenol-d6	6.669	99	1973393	82.164	ng	0.00
23) Nitrobenzene-d5	7.622	82	1719589	81.328	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	576107	90.659	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	3334521	79.118	ng	0.00
79) Terphenyl-d14	13.192	244	4006899	81.639	ng	0.00

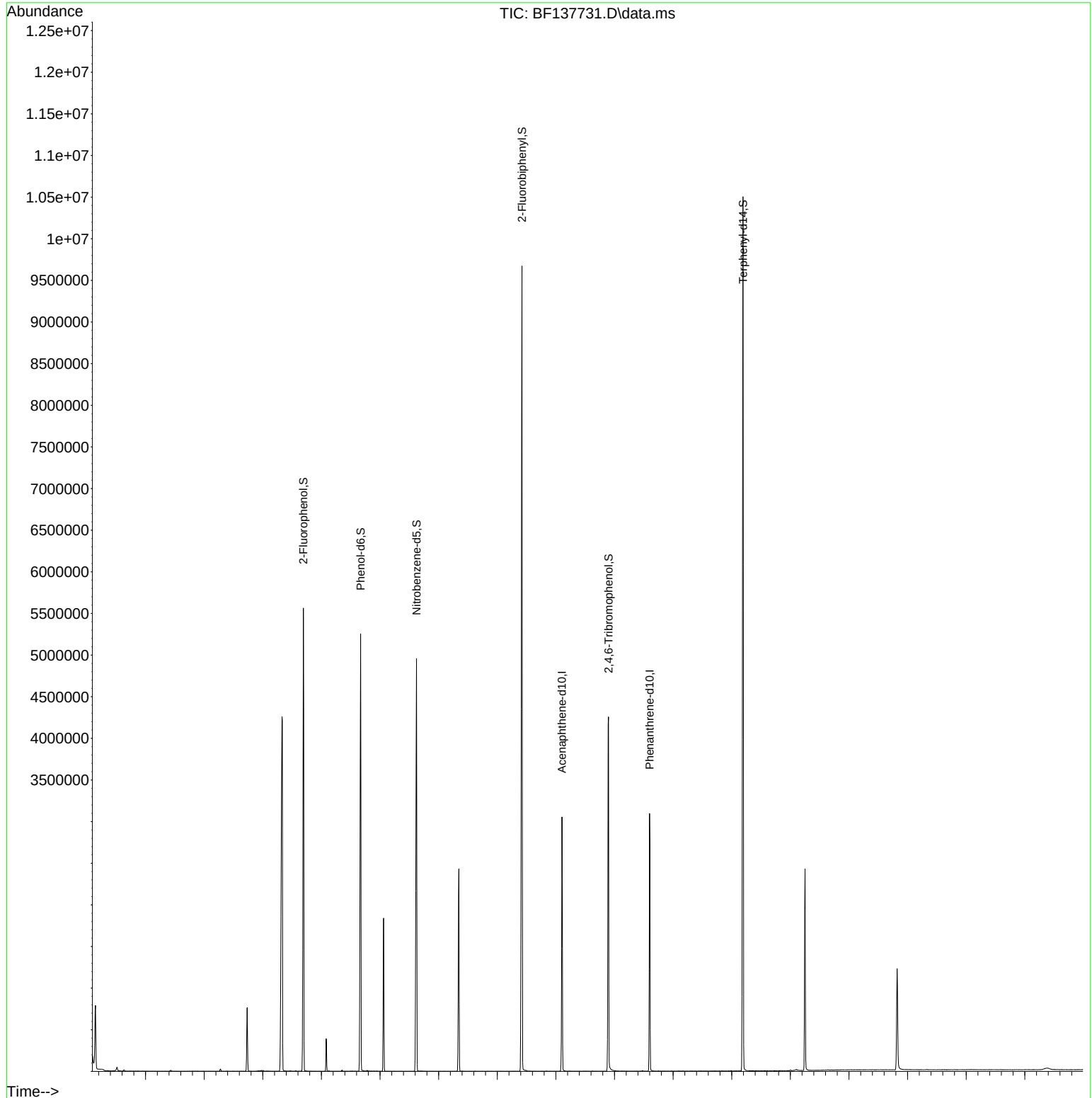
Target Compounds Qvalue

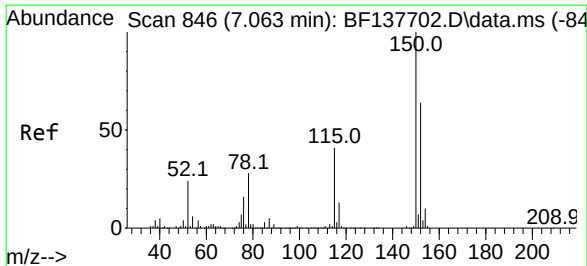
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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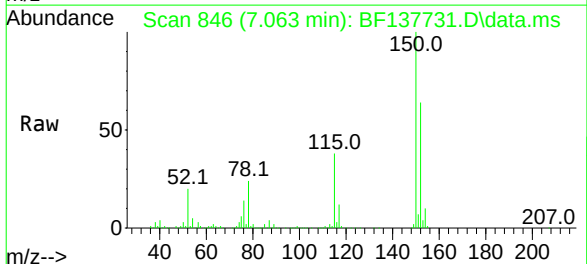
Quant Time: Apr 26 12:57:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
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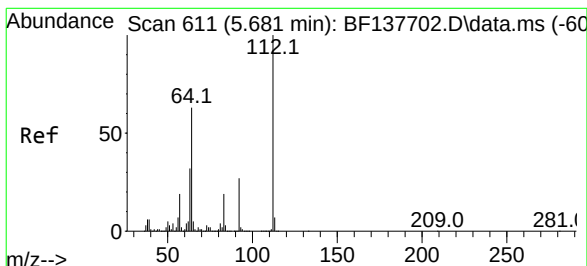
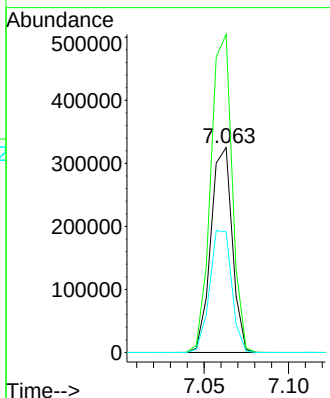
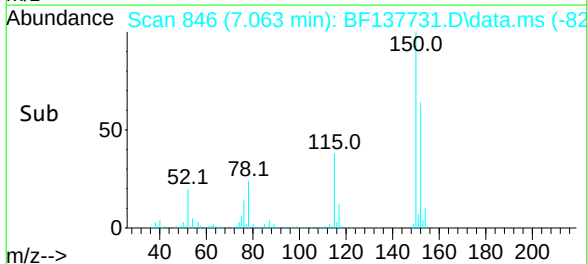


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF137731.D
Acq: 26 Apr 2024 12:18

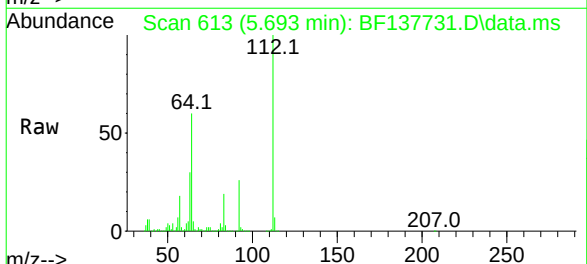
Instrument :
BNA_F
ClientSampleId :
PB160534BL



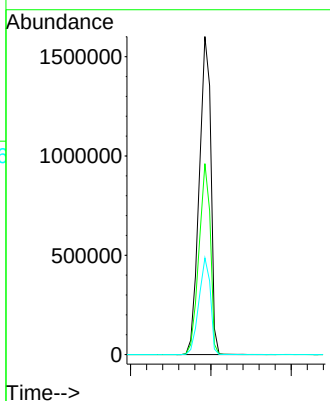
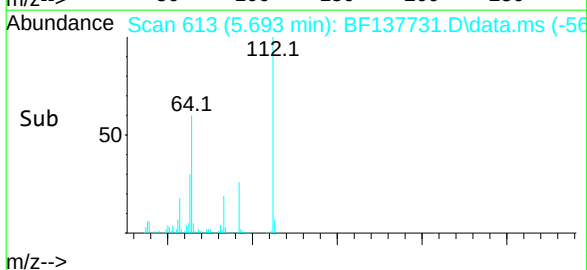
Tgt Ion:152 Resp: 287298
Ion Ratio Lower Upper
152 100
150 155.2 124.2 186.4
115 58.9 50.8 76.2

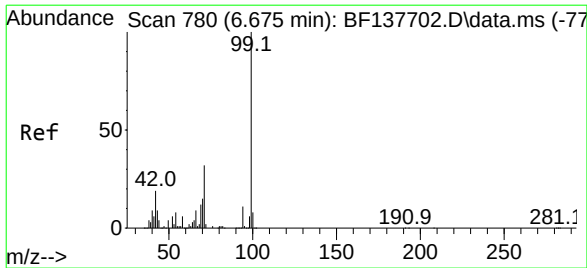


#5
2-Fluorophenol
Concen: 85.247 ng
RT: 5.693 min Scan# 613
Delta R.T. 0.012 min
Lab File: BF137731.D
Acq: 26 Apr 2024 12:18



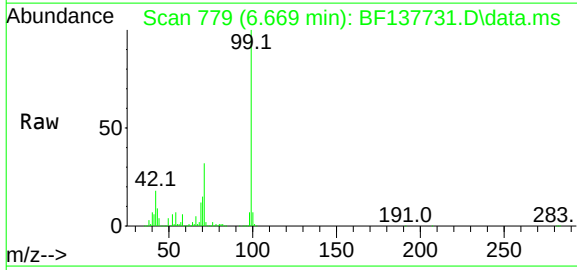
Tgt Ion:112 Resp: 1612294
Ion Ratio Lower Upper
112 100
64 60.0 50.1 75.1
63 30.4 25.2 37.8



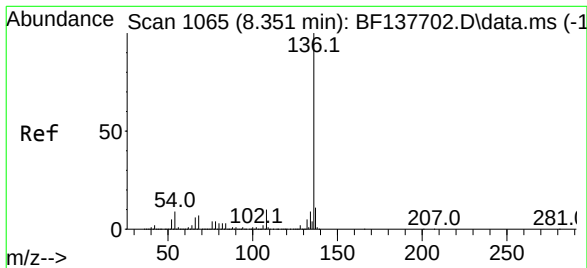
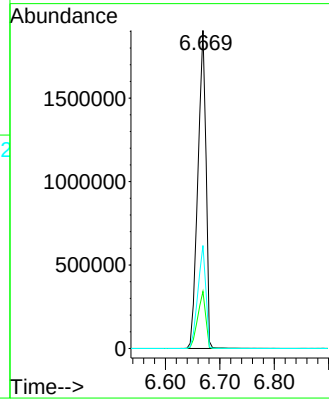
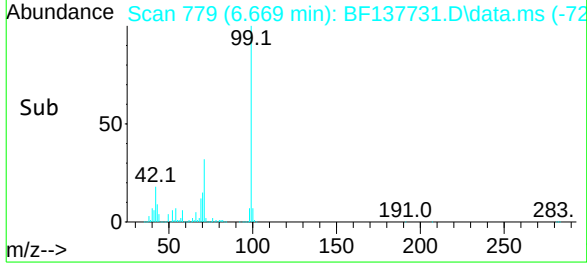


#7
Phenol-d6
Concen: 82.164 ng
RT: 6.669 min Scan# 77
Delta R.T. -0.006 min
Lab File: BF137731.D
Acq: 26 Apr 2024 12:18

Instrument :
BNA_F
ClientSampleId :
PB160534BL

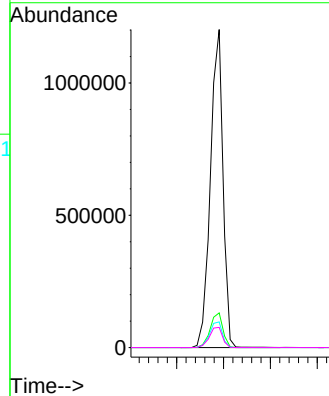
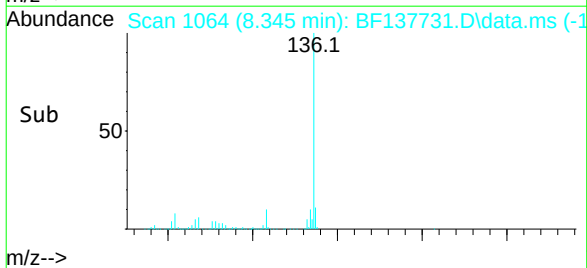
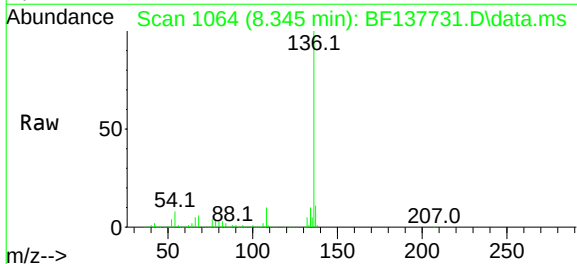


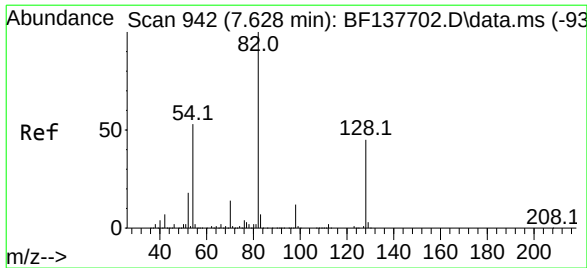
Tgt Ion: 99 Resp: 1973393
Ion Ratio Lower Upper
99 100
42 17.9 15.0 22.4
71 32.4 25.7 38.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137731.D
Acq: 26 Apr 2024 12:18

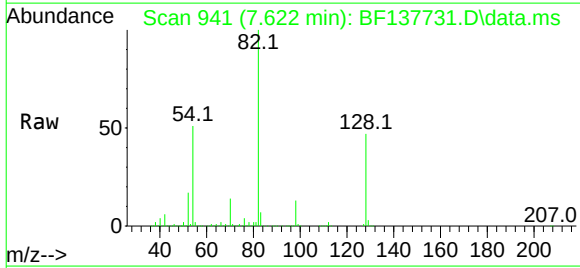
Tgt Ion: 136 Resp: 1122387
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.1 6.9 10.3
68 6.4 5.4 8.0





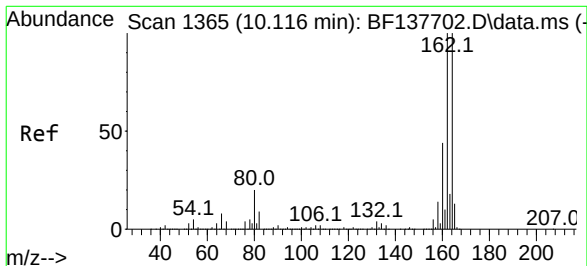
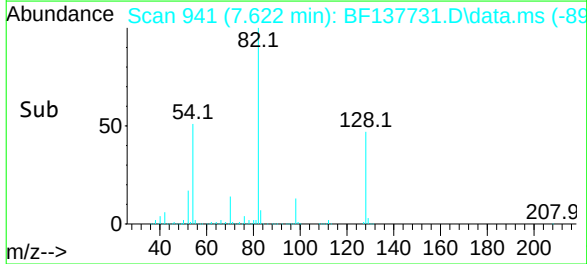
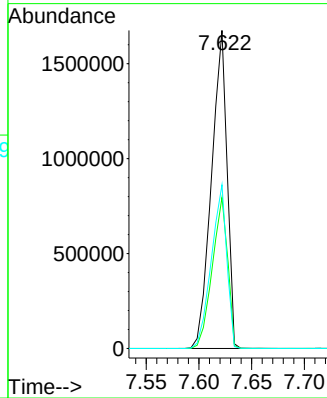
#23
 Nitrobenzene-d5
 Concen: 81.328 ng
 RT: 7.622 min Scan# 94
 Delta R.T. -0.006 min
 Lab File: BF137731.D
 Acq: 26 Apr 2024 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB160534BL



Tgt Ion: 82 Resp: 1719589

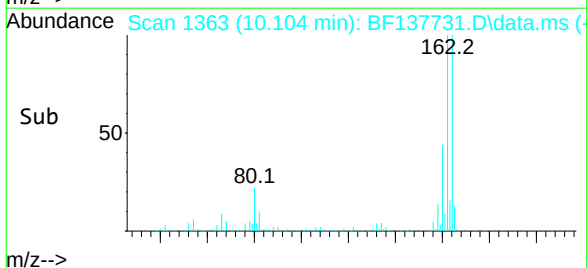
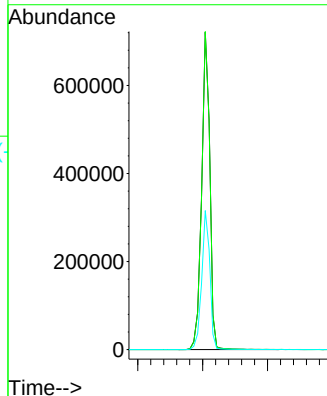
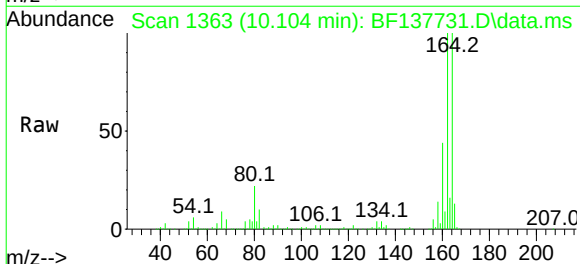
Ion	Ratio	Lower	Upper
82	100		
128	47.5	35.8	53.6
54	51.5	42.5	63.7

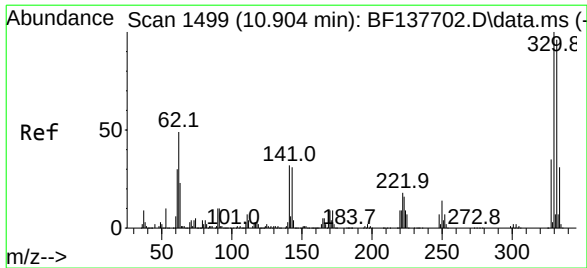


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.104 min Scan# 1363
 Delta R.T. -0.012 min
 Lab File: BF137731.D
 Acq: 26 Apr 2024 12:18

Tgt Ion: 164 Resp: 629749

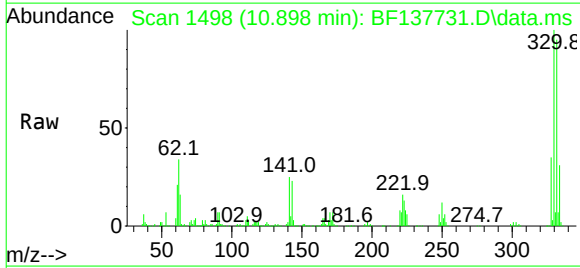
Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.3	120.5
160	43.8	35.0	52.4



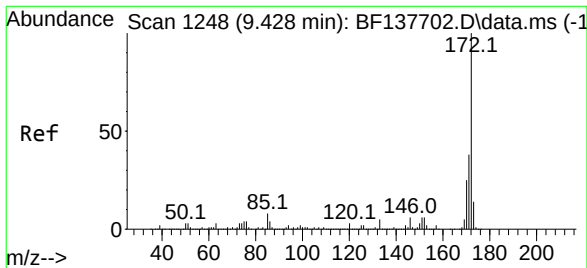
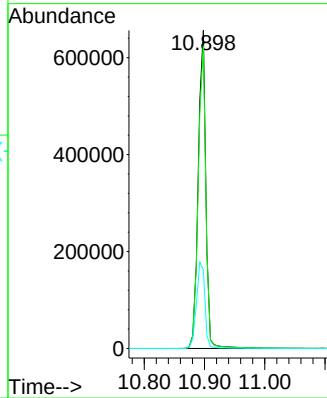
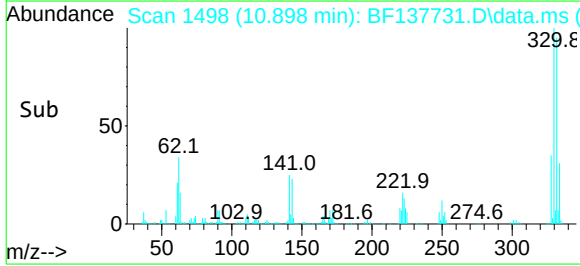


#42
2,4,6-Tribromophenol
Concen: 90.659 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF137731.D
Acq: 26 Apr 2024 12:18

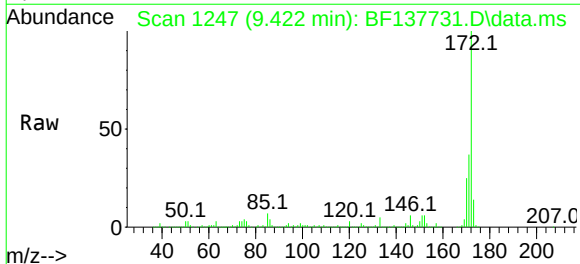
Instrument :
BNA_F
ClientSampleId :
PB160534BL



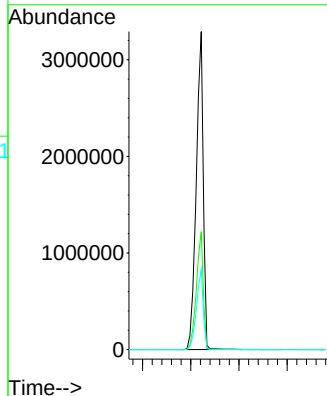
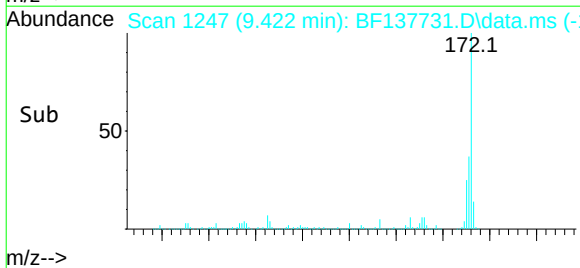
Tgt Ion:330 Resp: 576107
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 30.2 27.0 40.4

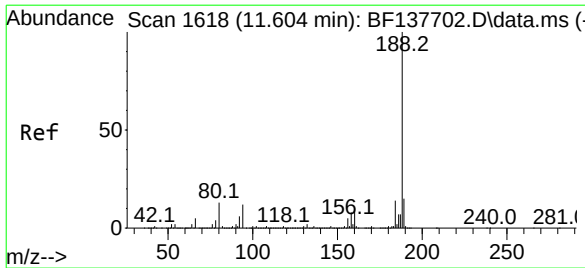


#45
2-Fluorobiphenyl
Concen: 79.118 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF137731.D
Acq: 26 Apr 2024 12:18



Tgt Ion:172 Resp: 3334521
Ion Ratio Lower Upper
172 100
171 37.1 30.2 45.4
170 25.1 20.2 30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.598 min Scan# 1617

Delta R.T. -0.006 min

Lab File: BF137731.D

Acq: 26 Apr 2024 12:18

Instrument :

BNA_F

ClientSampleId :

PB160534BL

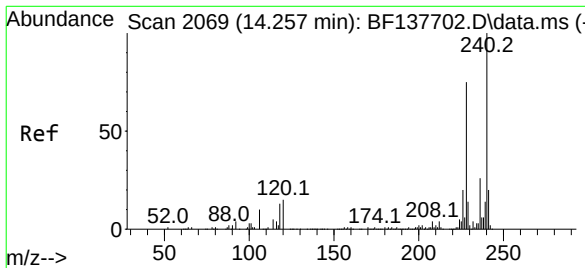
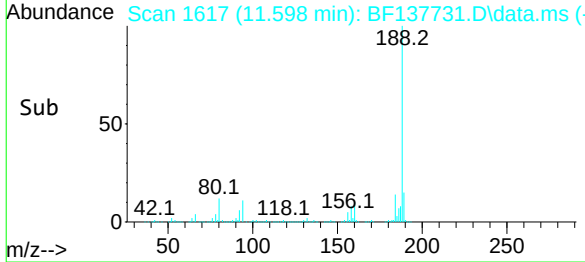
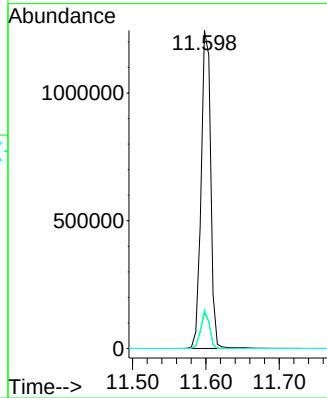
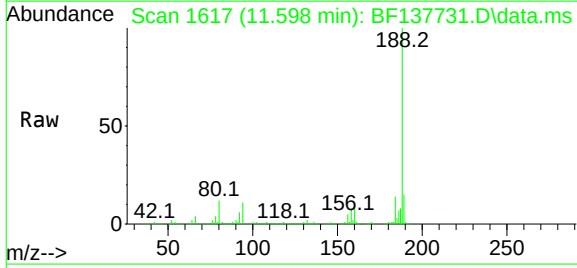
Tgt Ion:188 Resp: 1128907

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.2

80 12.2 10.2 15.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.251 min Scan# 2068

Delta R.T. -0.006 min

Lab File: BF137731.D

Acq: 26 Apr 2024 12:18

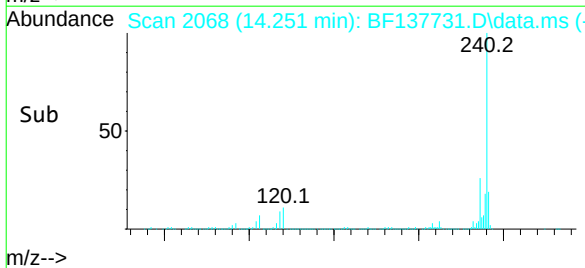
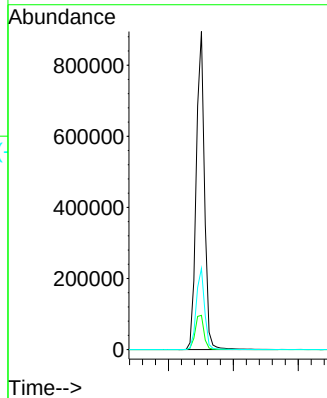
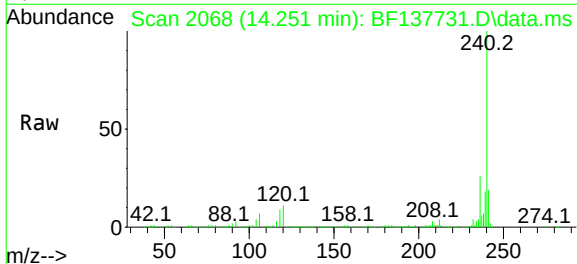
Tgt Ion:240 Resp: 789984

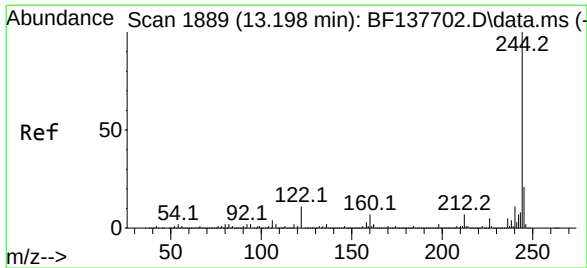
Ion Ratio Lower Upper

240 100

120 10.8 11.9 17.9#

236 25.5 20.8 31.2





#79

Terphenyl-d14

Concen: 81.639 ng

RT: 13.192 min Scan# 1889

Delta R.T. -0.006 min

Lab File: BF137731.D

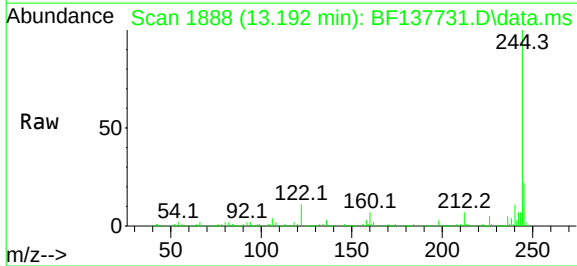
Acq: 26 Apr 2024 12:18

Instrument :

BNA_F

ClientSampleId :

PB160534BL



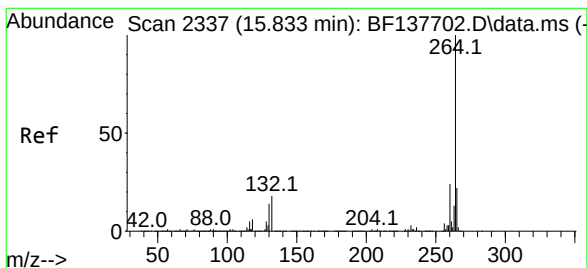
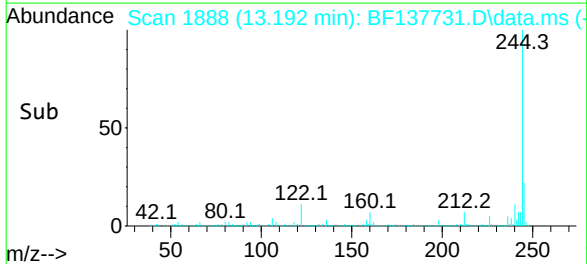
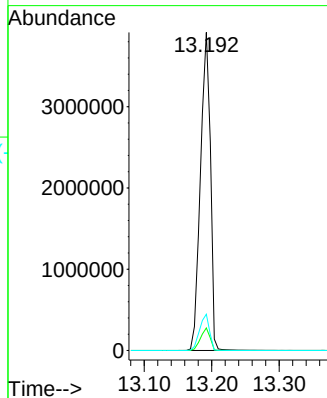
Tgt Ion:244 Resp: 4006899

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 11.4 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.821 min Scan# 2335

Delta R.T. -0.012 min

Lab File: BF137731.D

Acq: 26 Apr 2024 12:18

Tgt Ion:264 Resp: 586729

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 21.6 17.5 26.3

