

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137955.D
Acq On : 20 May 2024 12:31
Operator : CG\JU
Sample : P2512-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPJ

Quant Time: May 20 12:53:27 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	128070	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	488933	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	254039	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	466566	20.000	ng	0.00
76) Chrysene-d12	14.221	240	267566	20.000	ng	0.00
86) Perylene-d12	15.786	264	188323	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	865697	114.821	ng	0.01
7) Phenol-d6	6.657	99	922079	99.282	ng	0.00
23) Nitrobenzene-d5	7.604	82	697974	84.012	ng	0.00
42) 2,4,6-Tribromophenol	10.874	330	385732	150.590	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1530801	92.821	ng	0.00
79) Terphenyl-d14	13.163	244	1638864	90.271	ng	0.00

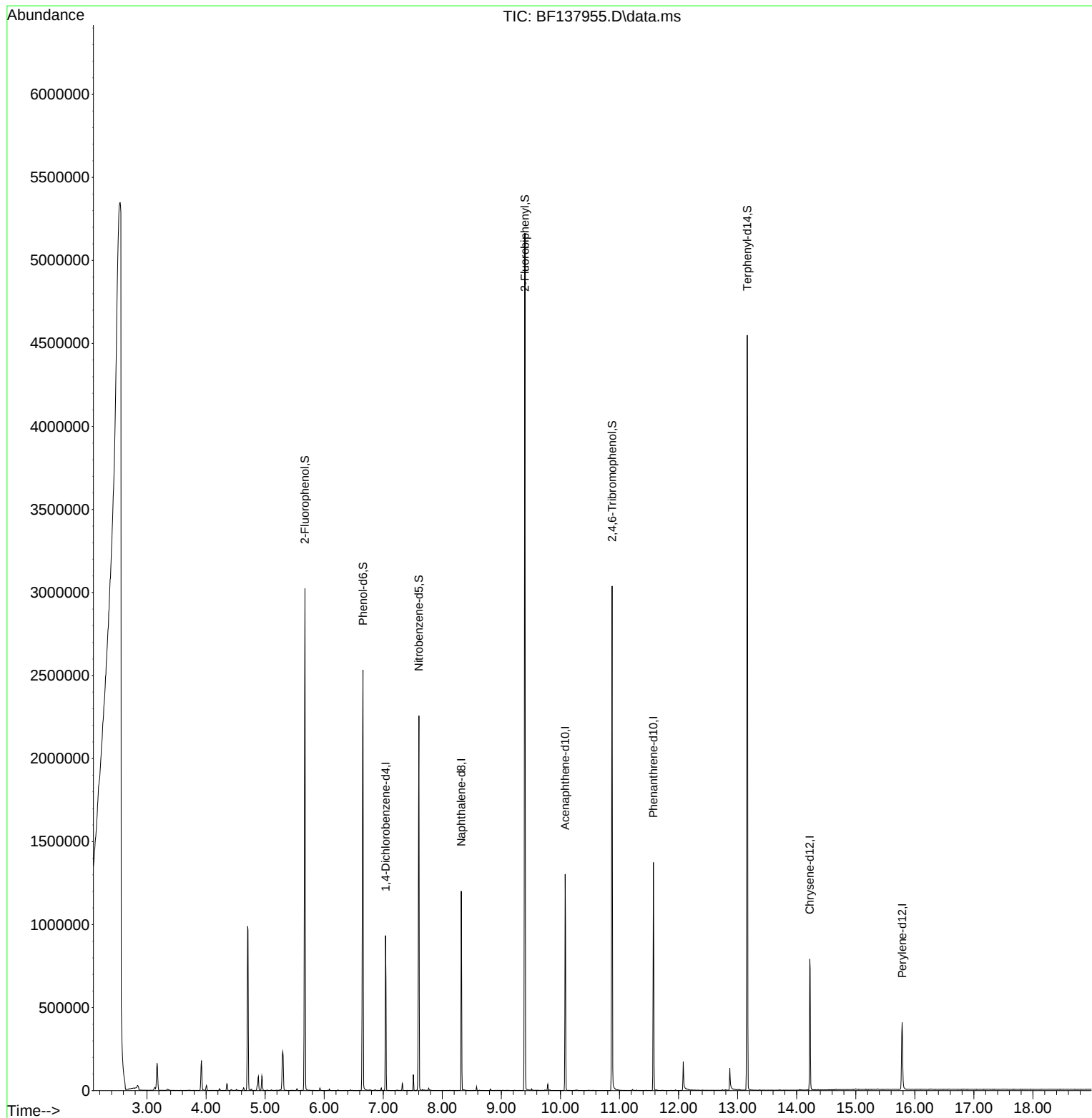
Target Compounds	Qvalue

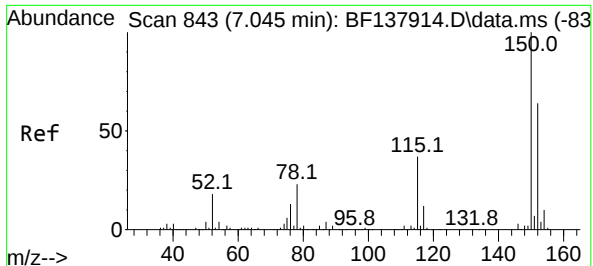
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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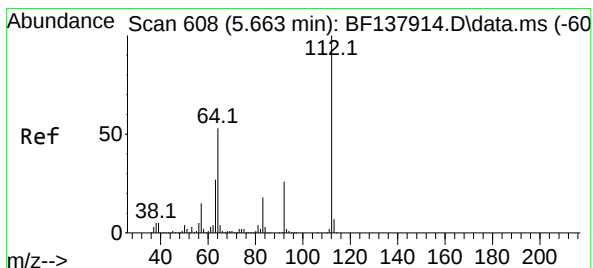
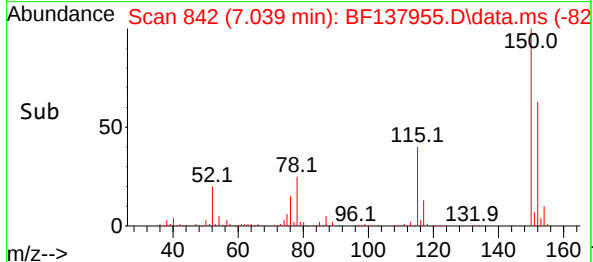
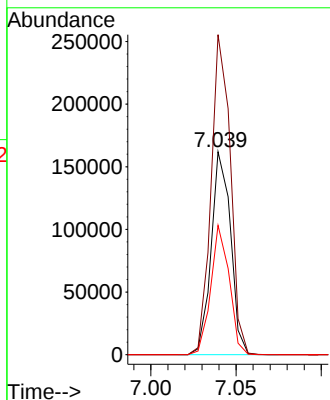
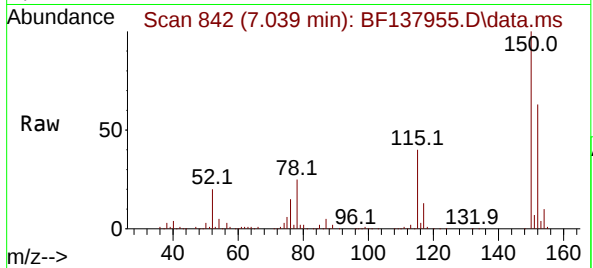




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.039 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137955.D
Acq: 20 May 2024 12:31

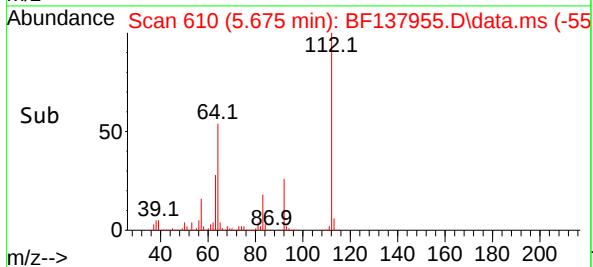
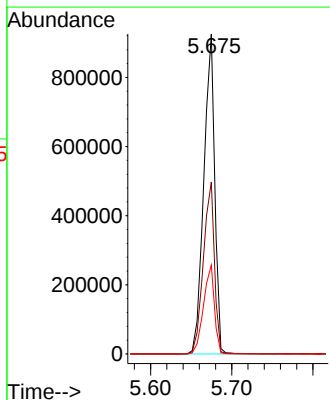
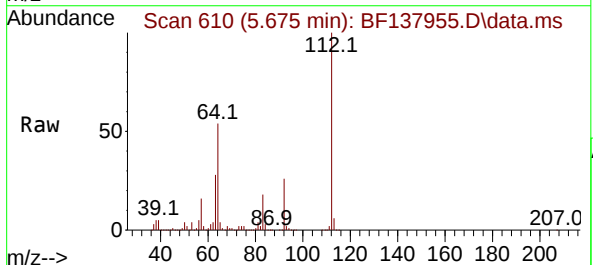
Instrument :
BNA_F
ClientSampleId :
WCS-TPJ

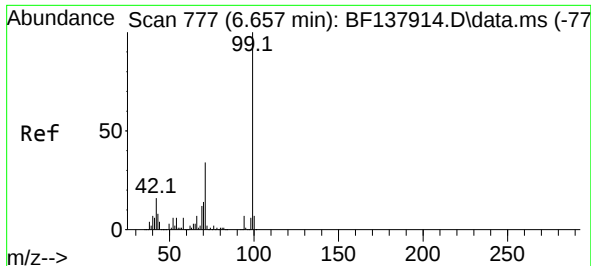
Tgt Ion:152 Resp: 128070
Ion Ratio Lower Upper
152 100
150 157.7 125.7 188.5
115 63.7 47.0 70.6



#5
2-Fluorophenol
Concen: 114.821 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF137955.D
Acq: 20 May 2024 12:31

Tgt Ion:112 Resp: 865697
Ion Ratio Lower Upper
112 100
64 53.8 42.4 63.6
63 27.8 21.4 32.2

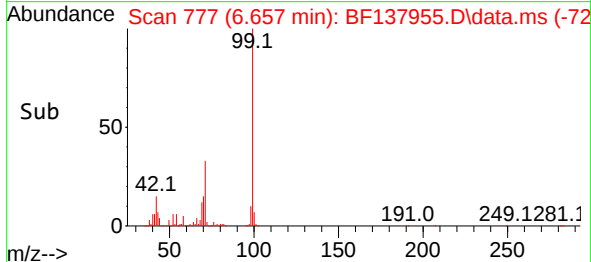
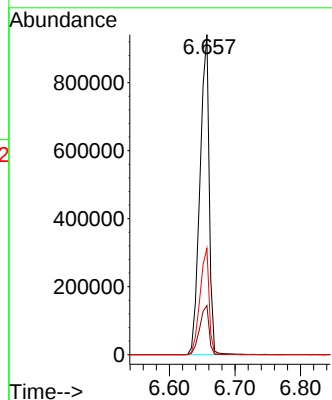
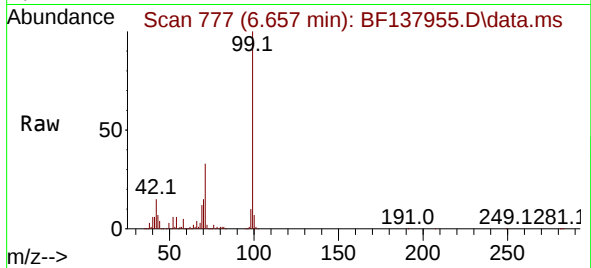




#7
Phenol-d6
Concen: 99.282 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137955.D
Acq: 20 May 2024 12:31

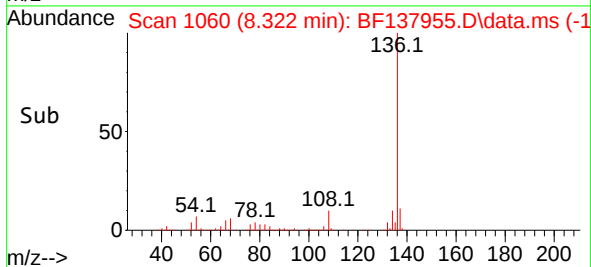
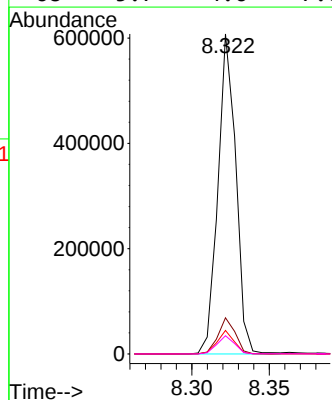
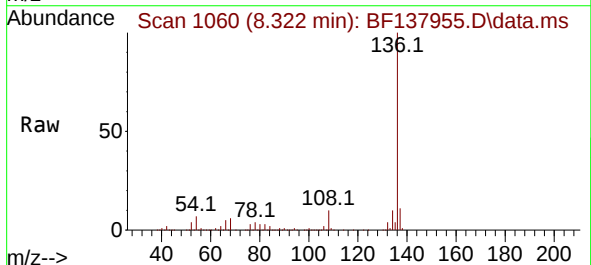
Instrument :
BNA_F
ClientSampleId :
WCS-TPJ

Tgt Ion: 99 Resp: 922079
Ion Ratio Lower Upper
99 100
42 15.3 12.6 18.8
71 33.2 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: BF137955.D
Acq: 20 May 2024 12:31

Tgt Ion: 136 Resp: 488933
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 7.4 5.4 8.2
68 5.7 4.6 7.0





#23

Nitrobenzene-d5

Concen: 84.012 ng

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF137955.D

Acq: 20 May 2024 12:31

Instrument :

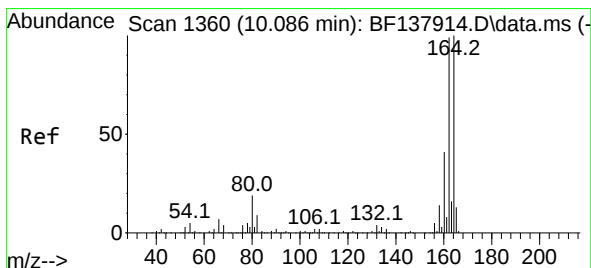
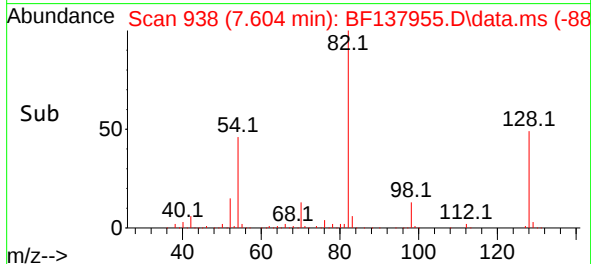
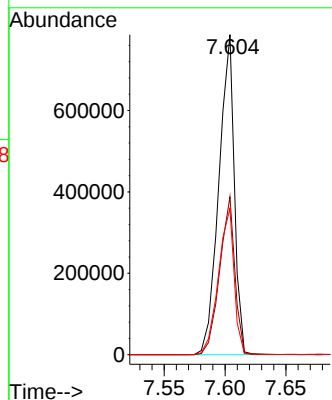
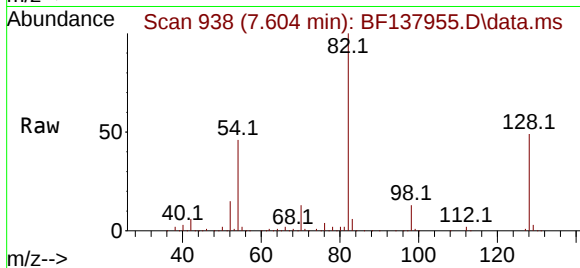
BNA_F

ClientSampleId :

WCS-TPJ

Tgt Ion: 82 Resp: 697974

Ion	Ratio	Lower	Upper
82	100		
128	49.4	40.3	60.5
54	45.8	36.8	55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.080 min Scan# 1359

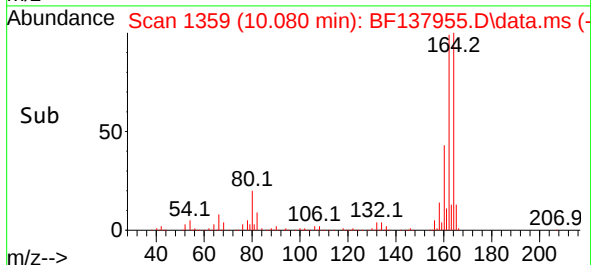
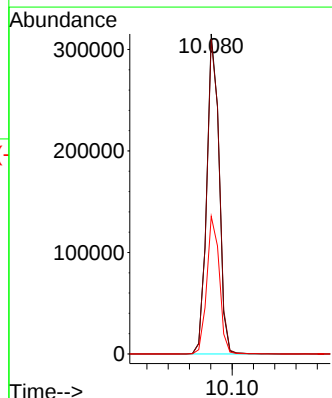
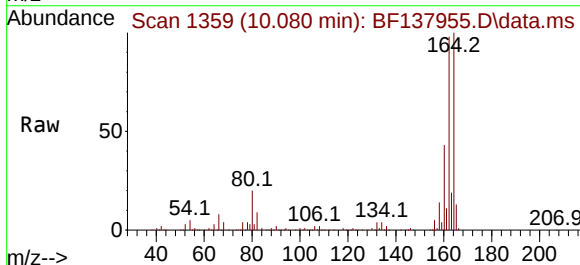
Delta R.T. -0.006 min

Lab File: BF137955.D

Acq: 20 May 2024 12:31

Tgt Ion: 164 Resp: 254039

Ion	Ratio	Lower	Upper
164	100		
162	98.3	79.4	119.2
160	43.0	33.1	49.7

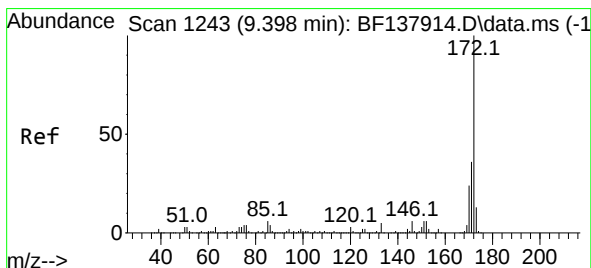
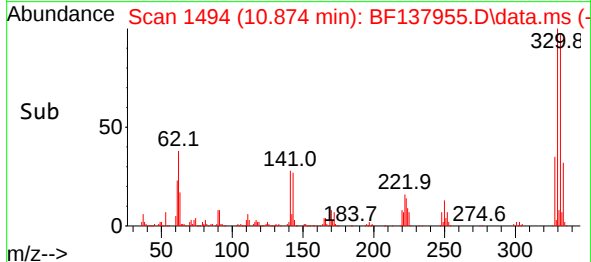
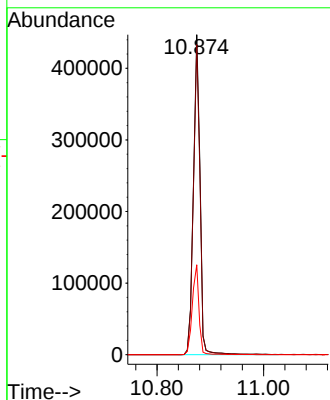
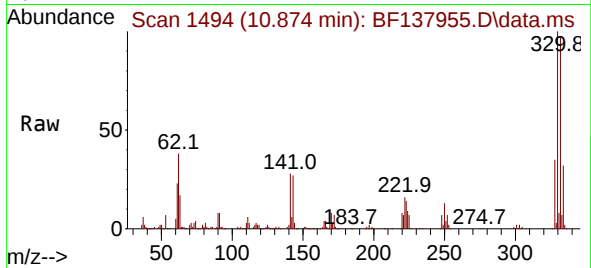




#42
2,4,6-Tribromophenol
Concen: 150.590 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF137955.D
Acq: 20 May 2024 12:31

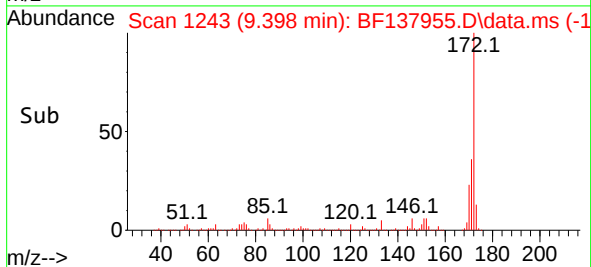
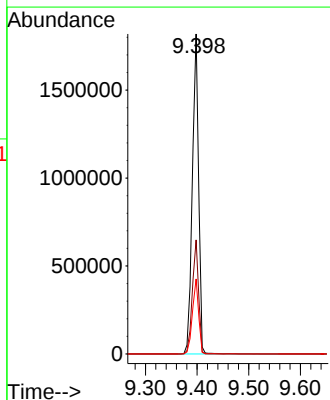
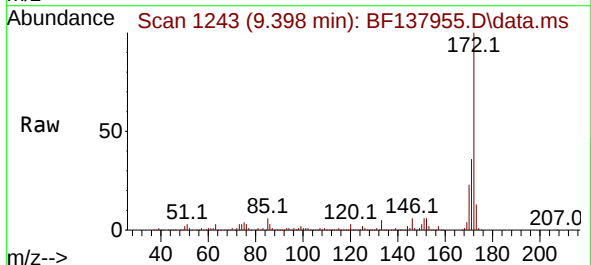
Instrument :
BNA_F
ClientSampleId :
WCS-TPJ

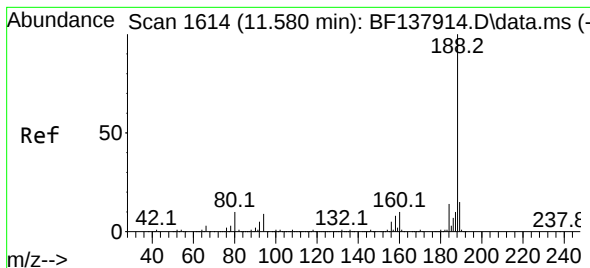
Tgt Ion:330 Resp: 385732
Ion Ratio Lower Upper
330 100
332 96.5 75.8 113.8
141 28.4 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 92.821 ng
RT: 9.398 min Scan# 1243
Delta R.T. -0.000 min
Lab File: BF137955.D
Acq: 20 May 2024 12:31

Tgt Ion:172 Resp: 1530801
Ion Ratio Lower Upper
172 100
171 35.7 28.9 43.3
170 23.5 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: BF137955.D

Acq: 20 May 2024 12:31

Instrument :

BNA_F

ClientSampleId :

WCS-TPJ

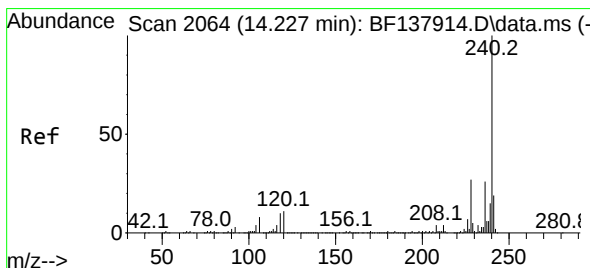
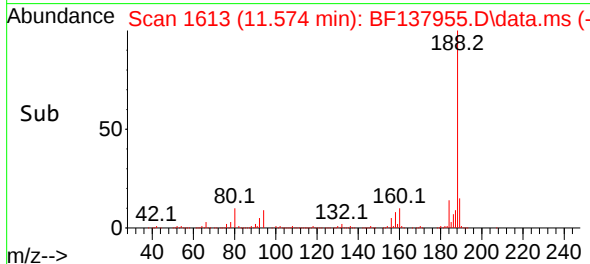
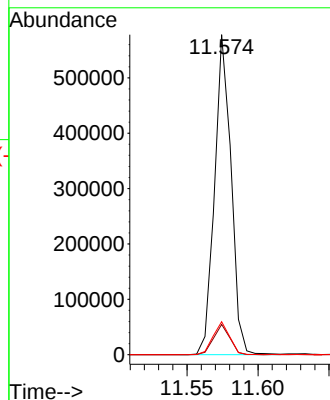
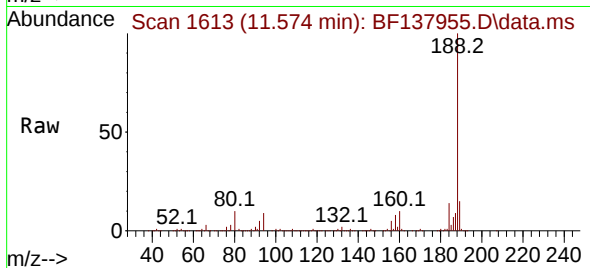
Tgt Ion:188 Resp: 466566

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.4

80 10.3 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: BF137955.D

Acq: 20 May 2024 12:31

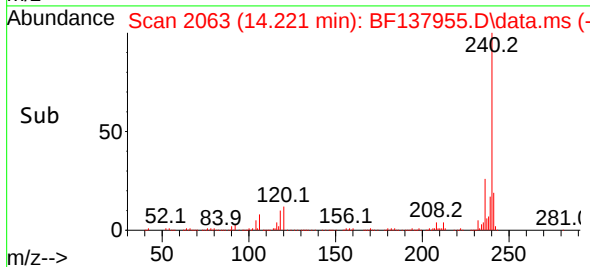
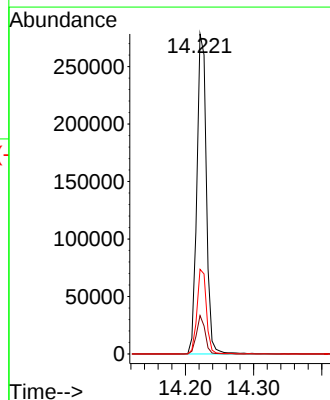
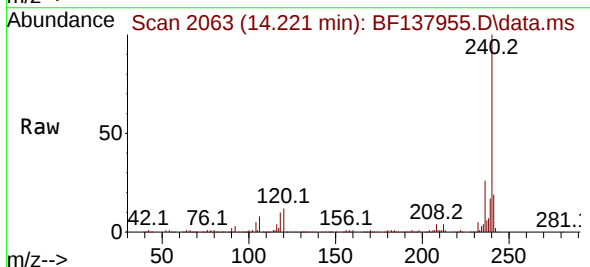
Tgt Ion:240 Resp: 267566

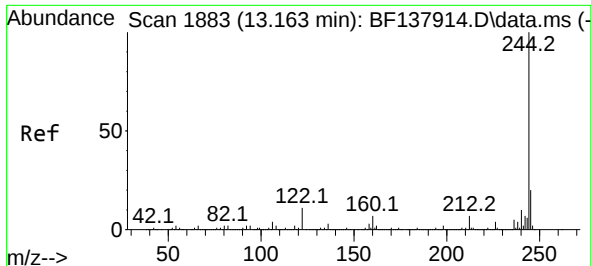
Ion Ratio Lower Upper

240 100

120 12.0 8.9 13.3

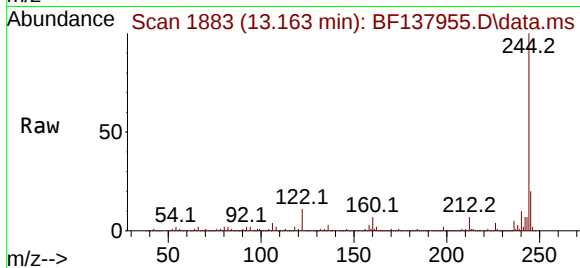
236 26.5 21.0 31.4





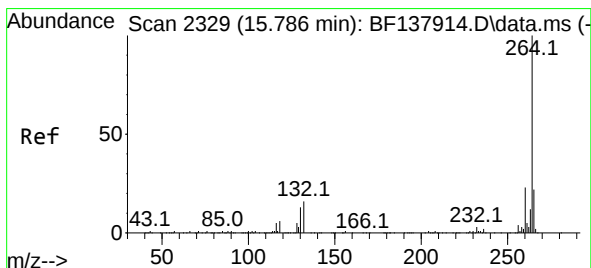
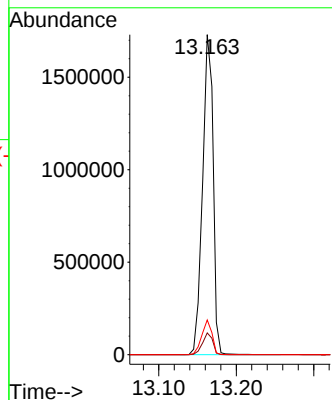
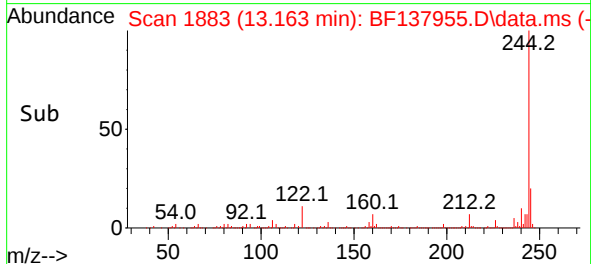
#79
 Terphenyl-d14
 Concen: 90.271 ng
 RT: 13.163 min Scan# 1883
 Delta R.T. -0.000 min
 Lab File: BF137955.D
 Acq: 20 May 2024 12:31

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPJ

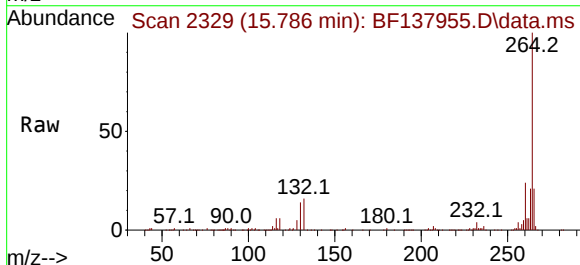


Tgt Ion:244 Resp: 1638864

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	10.9	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: BF137955.D
 Acq: 20 May 2024 12:31



Tgt Ion:264 Resp: 188323

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.3	27.5
265	20.6	17.6	26.4

