

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)

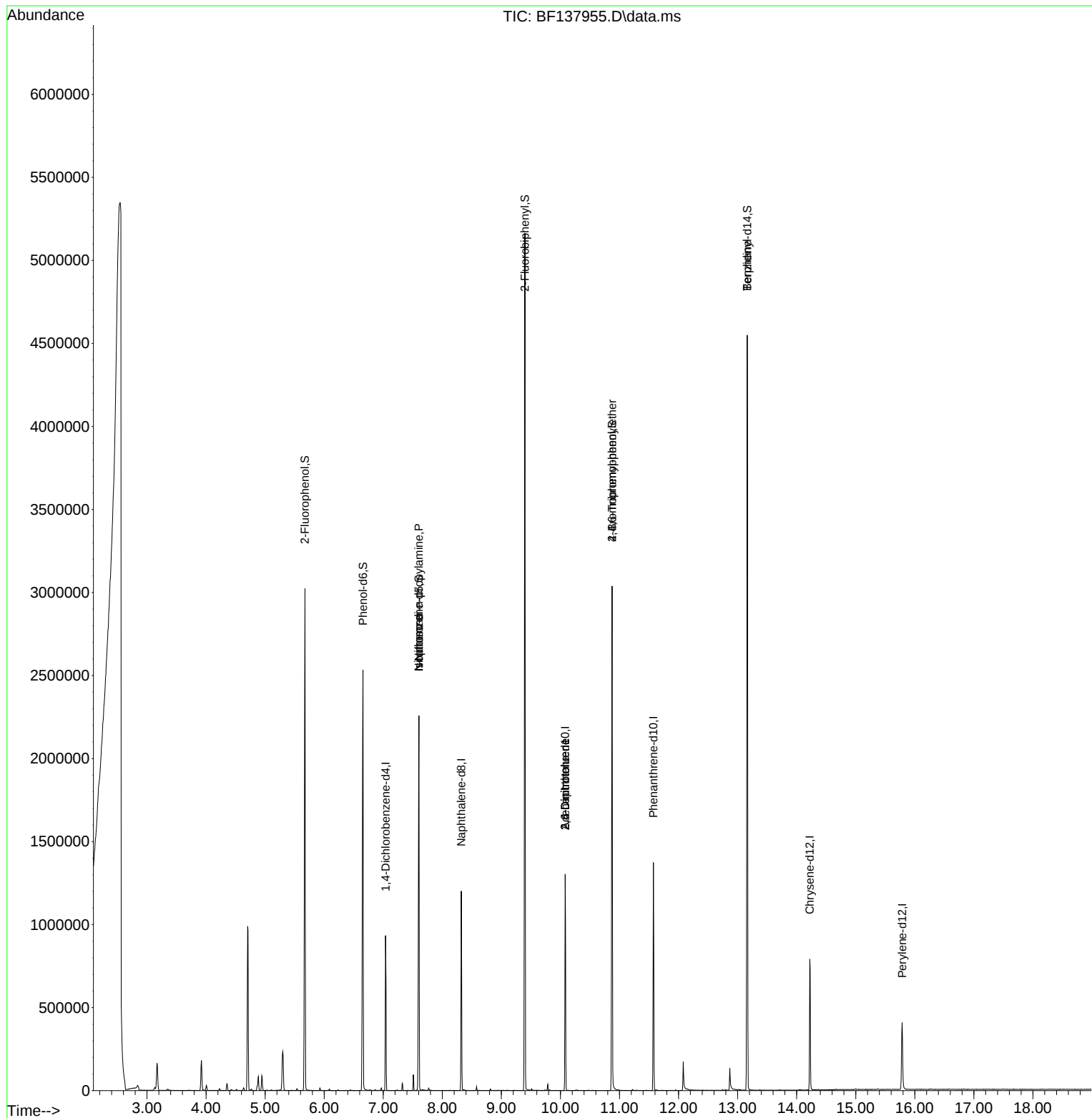
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.039	152	128070	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	488933	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	254039	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	466566	20.000	ng	0.00
76) Chrysene-d12	14.221	240	267566	20.000	ng	0.00
86) Perylene-d12	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
19) n-Nitroso-di-n-propyla...	7.604	70	92319	17.693	ng	# 75
25) Isophorone	7.604	82	697964	48.405	ng	# 64
51) 2,6-Dinitrotoluene	10.080	165	31829	8.705	ng	# 29
57) 2,4-Dinitrotoluene	10.080	165	31829	6.734	ng	# 33
67) 4-Bromophenyl-phenylether	10.874	248	24691	4.827	ng	# 1
77) Benzidine	13.163	184	20090	5.745	ng	# 92

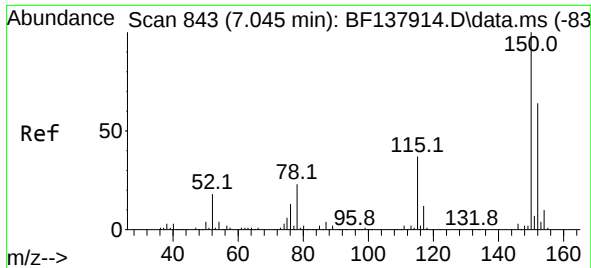
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

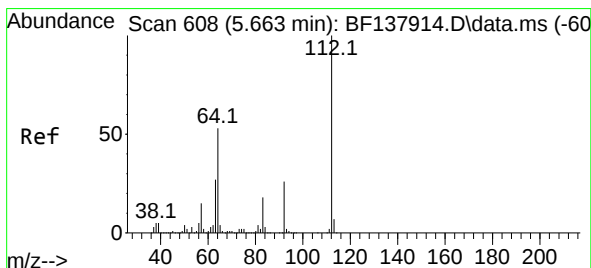
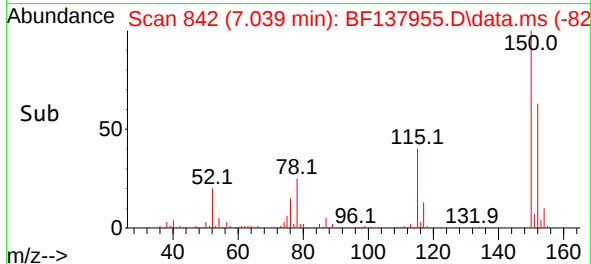
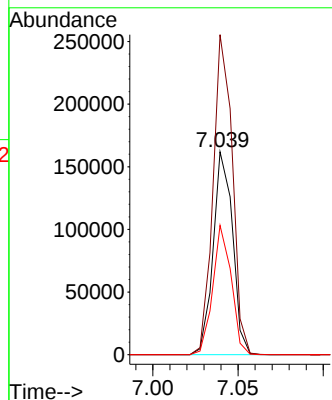
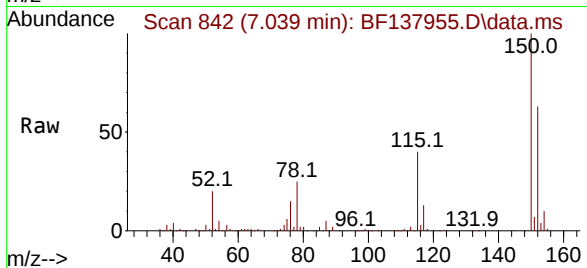




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.039 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137955.D
Acq: 20 May 2024 12:31

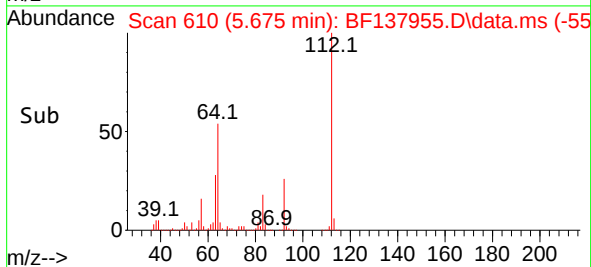
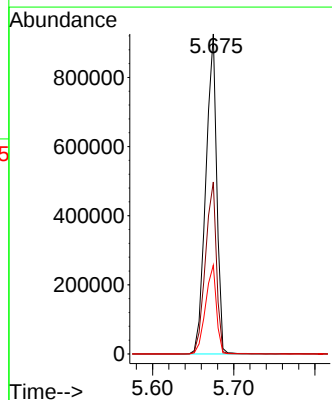
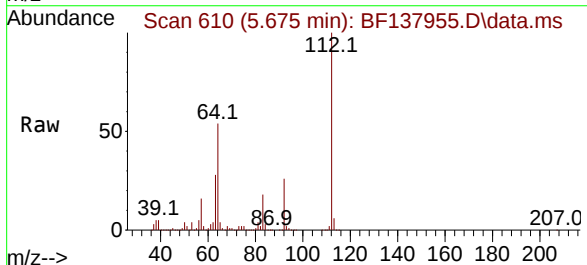
Instrument :
BNA_F
ClientSampleId :
WCS-TPJ

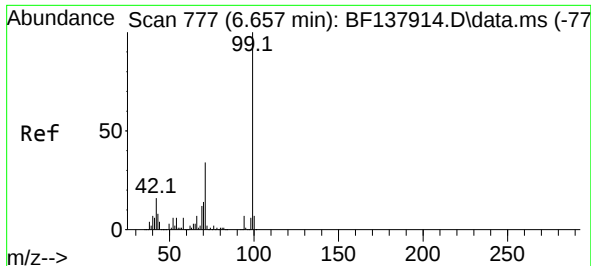
Tgt Ion:152 Resp: 128070
Ion Ratio Lower Upper
152 100
150 157.7 125.7 188.5
115 63.7 47.0 70.6



#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

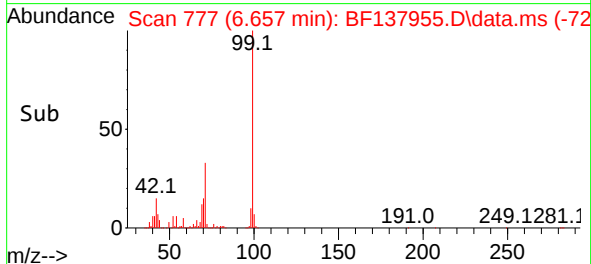
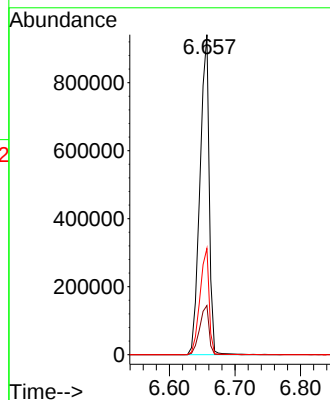
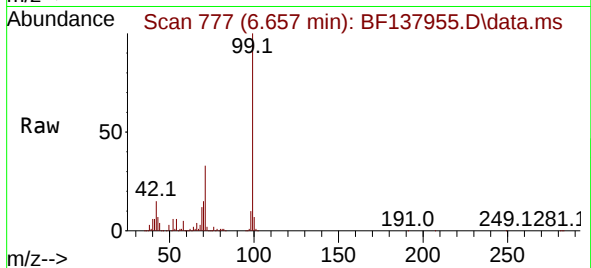




#7
Phenol-d6
Concen: 99.282 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137955.D
Acq: 20 May 2024 12:31

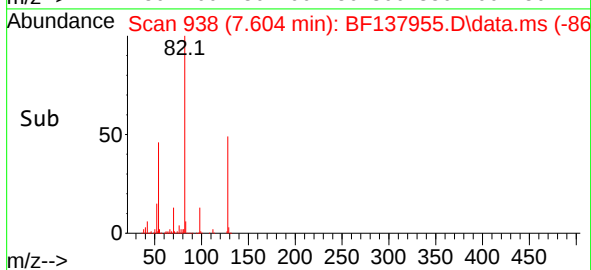
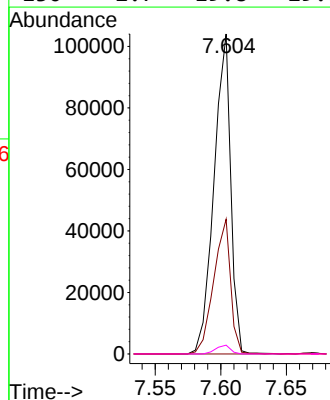
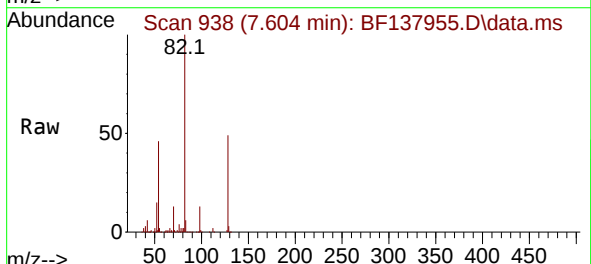
Instrument :
BNA_F
ClientSampleId :
WCS-TPJ

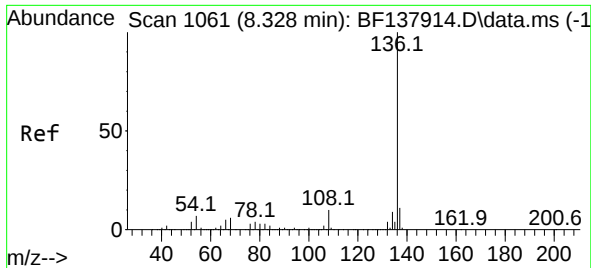
Tgt Ion: 99 Resp: 922079
Ion Ratio Lower Upper
99 100
42 15.3 12.6 18.8
71 33.2 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.693 ng
RT: 7.604 min Scan# 938
Delta R.T. 0.153 min
Lab File: BF137955.D
Acq: 20 May 2024 12:31

Tgt Ion: 70 Resp: 92319
Ion Ratio Lower Upper
70 100
42 42.1 42.2 63.4#
101 0.0 8.8 13.2#
130 2.7 19.8 29.8#



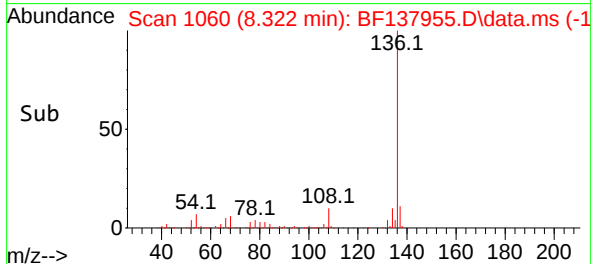
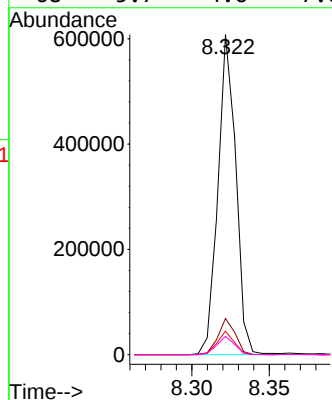
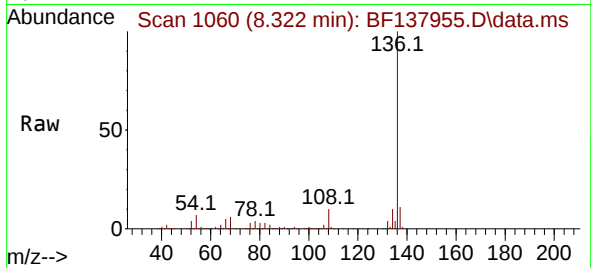


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF137955.D
Acq: 20 May 2024 12:31

Instrument :
BNA_F
ClientSampleId :
WCS-TPJ

Tgt Ion:136 Resp: 488933

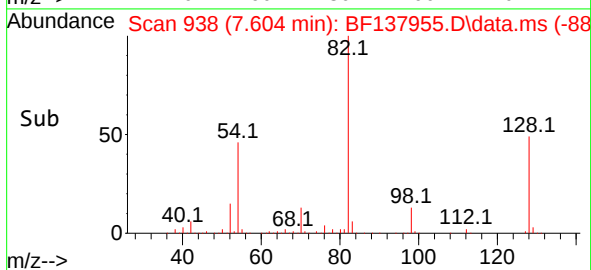
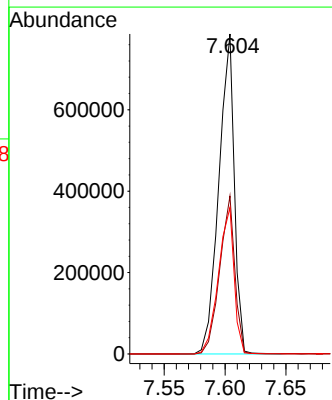
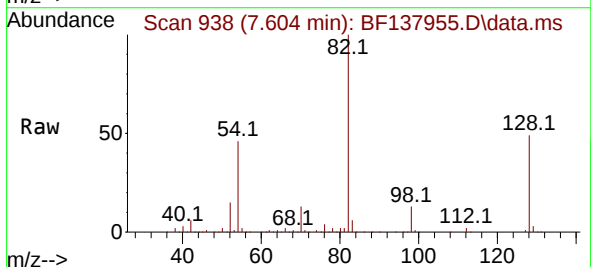
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	7.4	5.4	8.2
68	5.7	4.6	7.0



#23
Nitrobenzene-d5
Concen: 84.012 ng
RT: 7.604 min Scan# 938
Delta R.T. -0.006 min
Lab File: BF137955.D
Acq: 20 May 2024 12:31

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

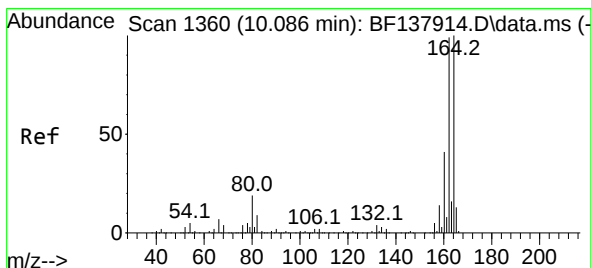
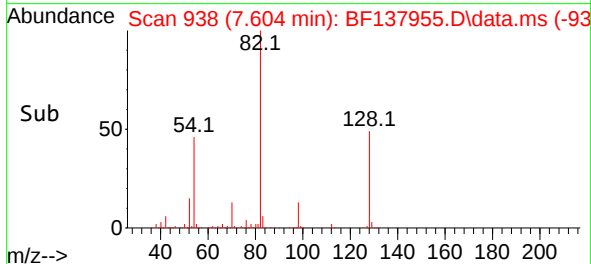
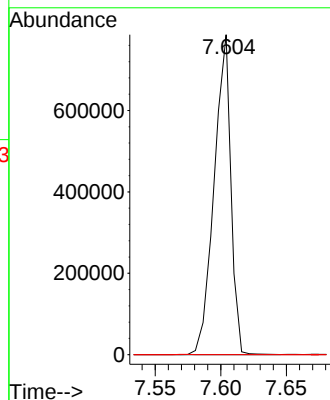
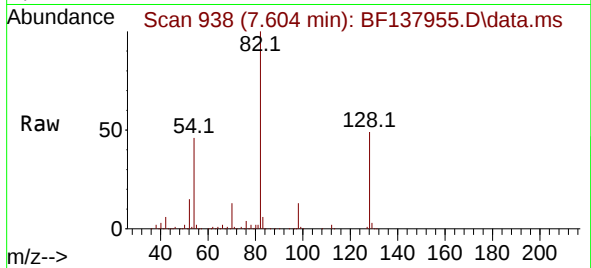




#25
Isophorone
Concen: 48.405 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.253 min
Lab File: BF137955.D
Acq: 20 May 2024 12:31

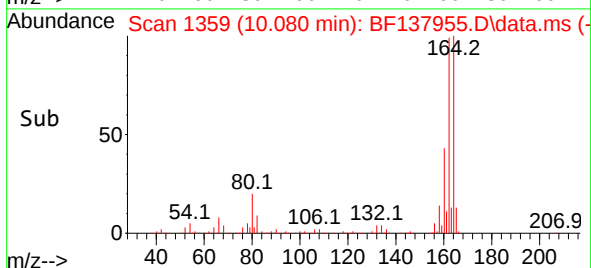
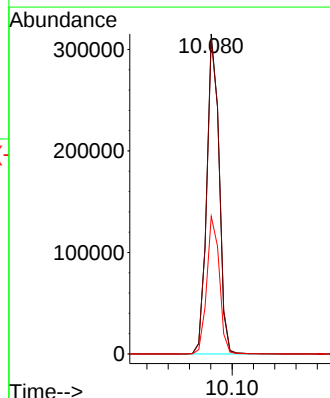
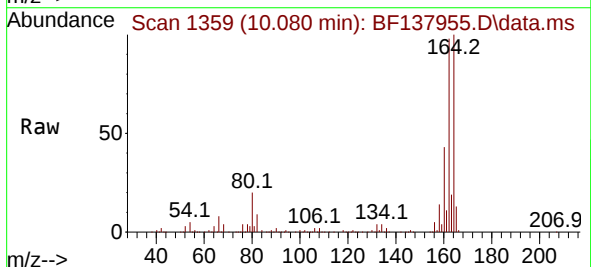
Instrument :
BNA_F
ClientSampleId :
WCS-TPJ

Tgt Ion: 82 Resp: 697964
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#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# 1495

Delta R.T. -0.006 min

Lab File: BF137955.D

Acq: 20 May 2024 12:31

Instrument :

BNA_F

ClientSampleId :

WCS-TPJ

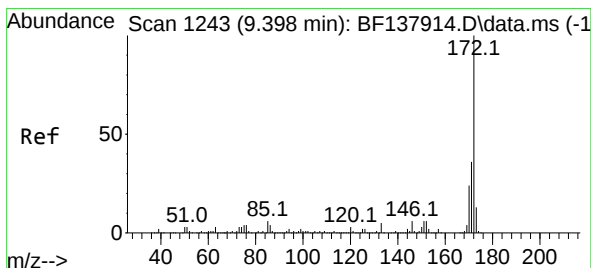
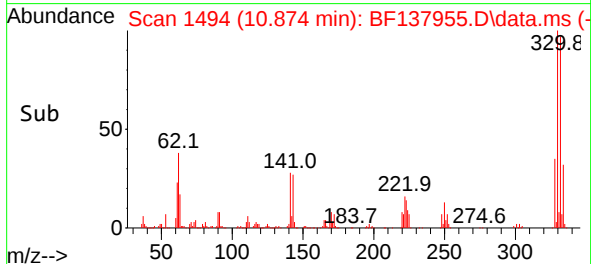
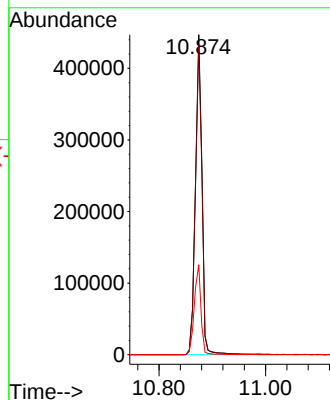
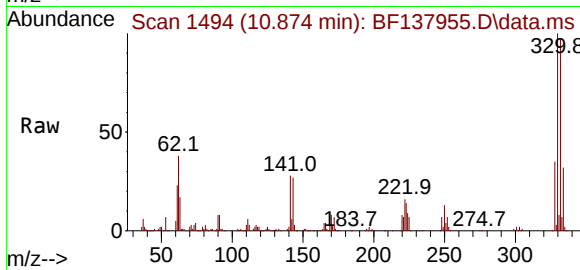
Tgt Ion:330 Resp: 385732

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

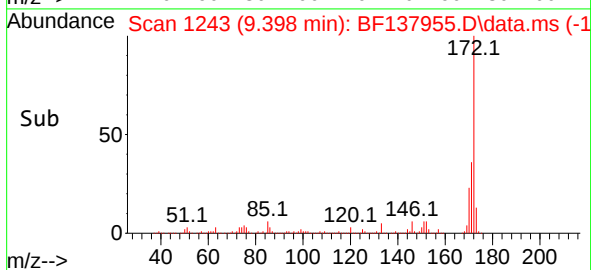
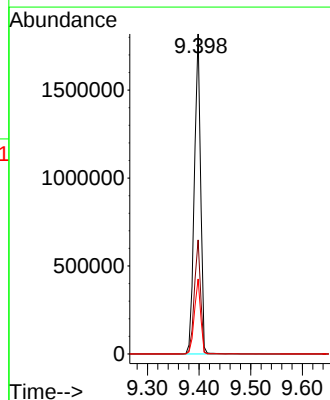
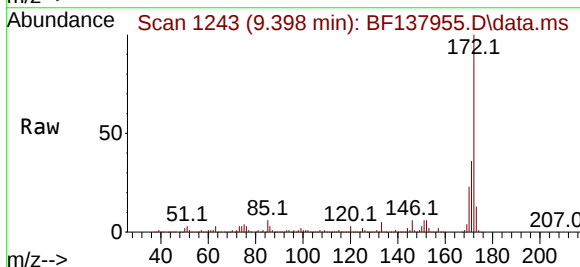
Tgt Ion:172 Resp: 1530801

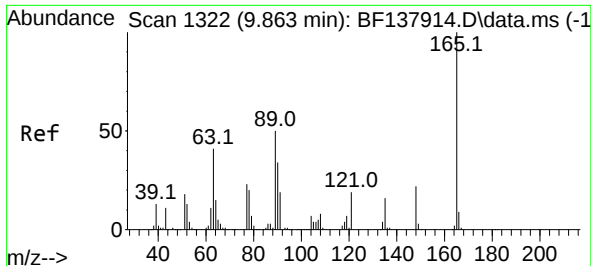
Ion Ratio Lower Upper

172 100

171 35.7 28.9 43.3

170 23.5 18.9 28.3

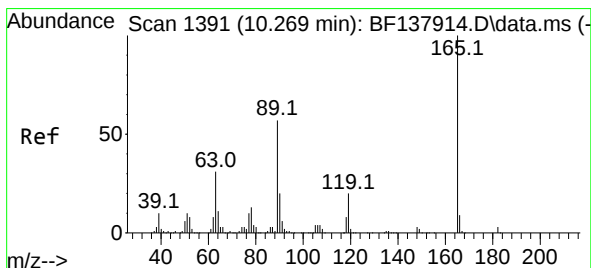
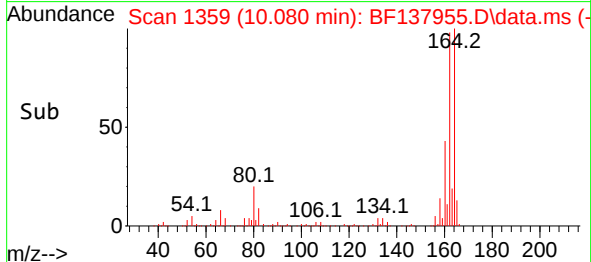
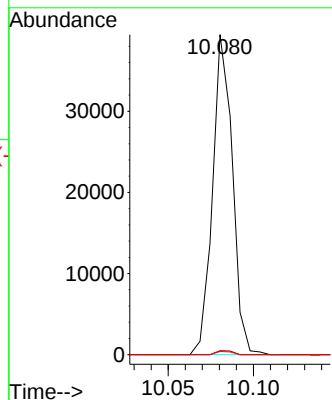
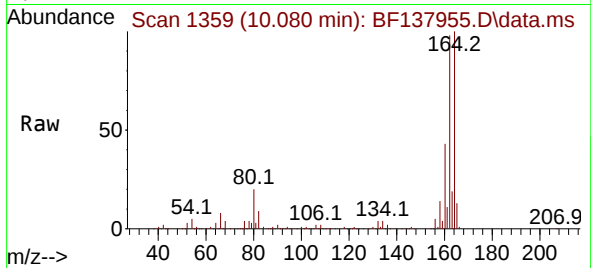




#51
2,6-Dinitrotoluene
Concen: 8.705 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.218 min
Lab File: BF137955.D
Acq: 20 May 2024 12:31

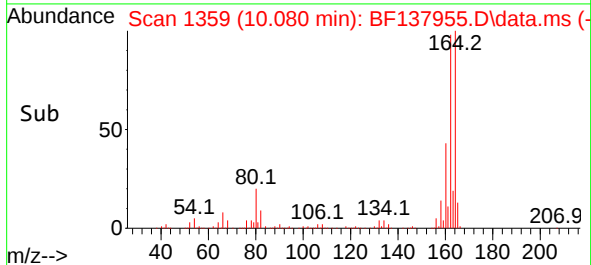
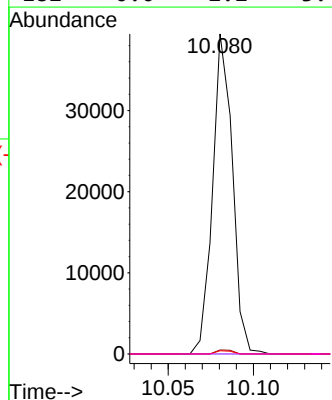
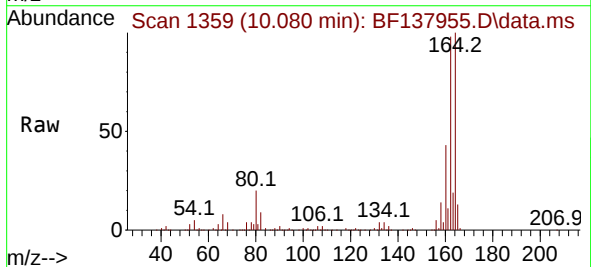
Instrument :
BNA_F
ClientSampleId :
WCS-TPJ

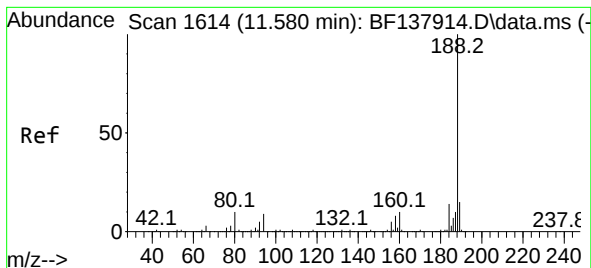
Tgt Ion:165 Resp: 31829
Ion Ratio Lower Upper
165 100
63 1.3 38.9 58.3#
89 1.0 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 6.734 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF137955.D
Acq: 20 May 2024 12:31

Tgt Ion:165 Resp: 31829
Ion Ratio Lower Upper
165 100
63 1.3 25.3 37.9#
89 1.0 45.9 68.9#
182 0.0 2.2 3.4#





#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

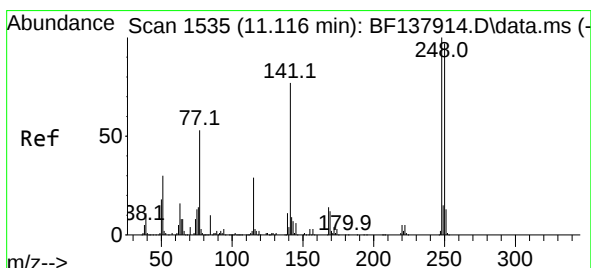
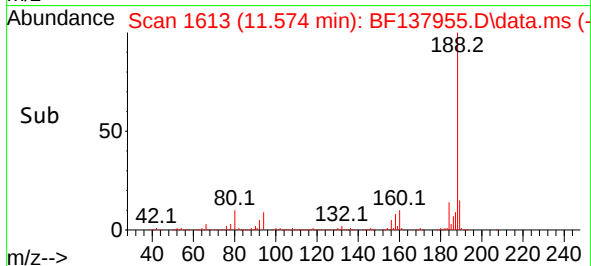
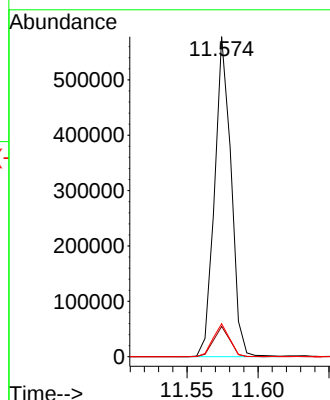
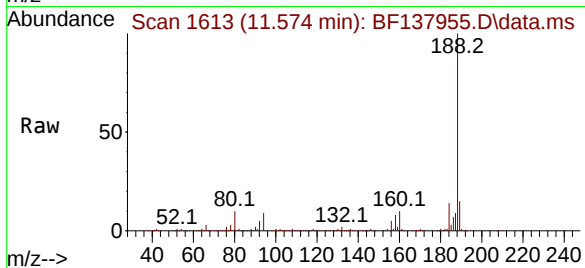
Tgt Ion:188 Resp: 466566

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.4

80 10.3 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 4.827 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.241 min

Lab File: BF137955.D

Acq: 20 May 2024 12:31

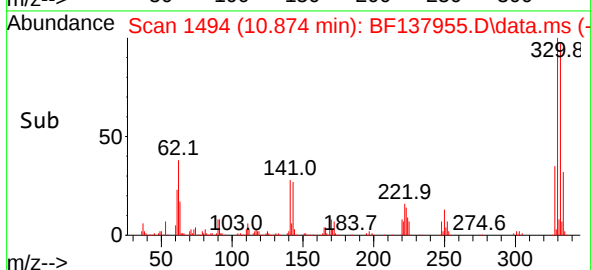
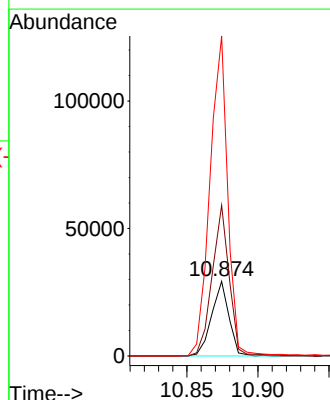
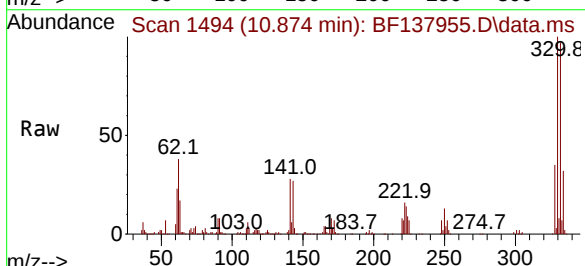
Tgt Ion:248 Resp: 24691

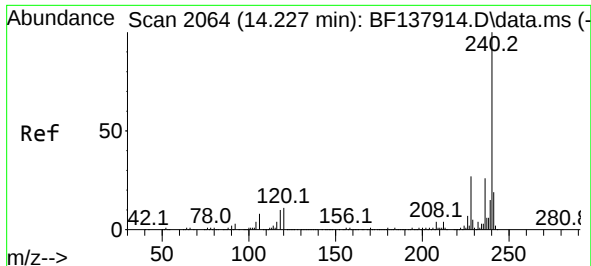
Ion Ratio Lower Upper

248 100

250 201.9 77.6 116.4#

141 429.0 61.4 92.2#

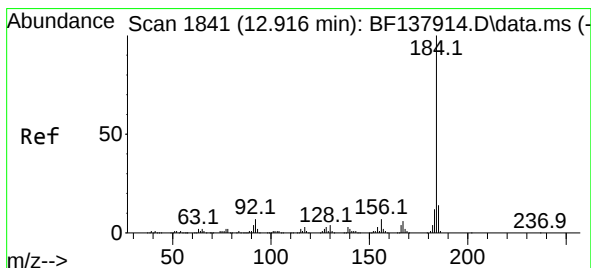
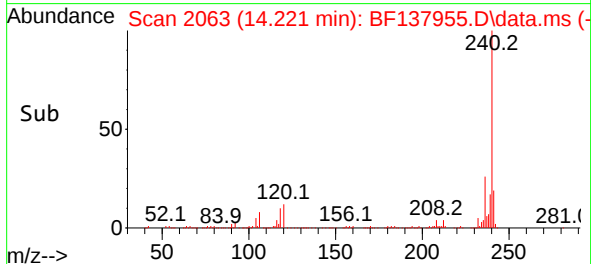
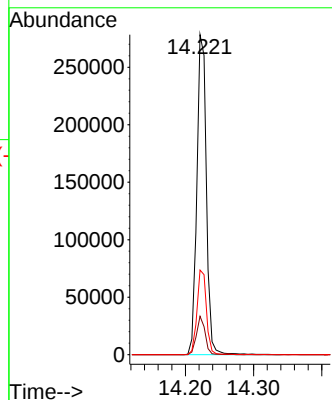
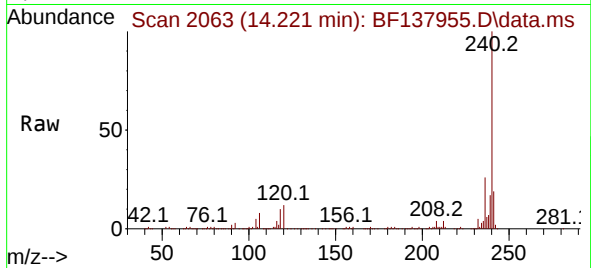




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF137955.D
Acq: 20 May 2024 12:31

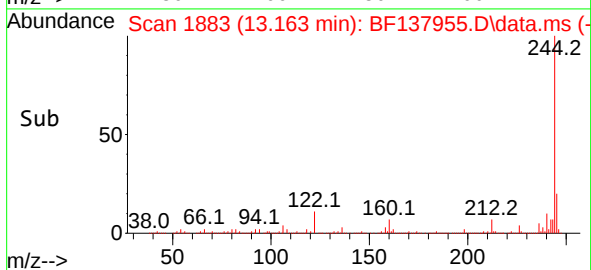
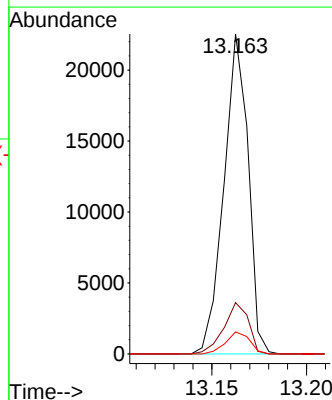
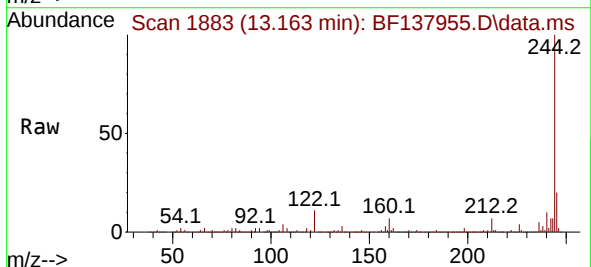
Instrument :
BNA_F
ClientSampleId :
WCS-TPJ

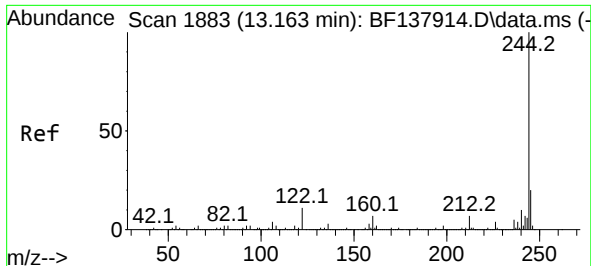
Tgt Ion:240 Resp: 267566
Ion Ratio Lower Upper
240 100
120 12.0 8.9 13.3
236 26.5 21.0 31.4



#77
Benzidine
Concen: 5.745 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.247 min
Lab File: BF137955.D
Acq: 20 May 2024 12:31

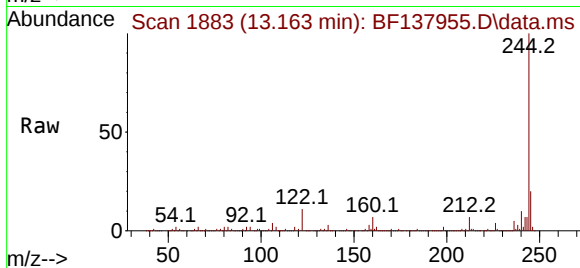
Tgt Ion:184 Resp: 20090
Ion Ratio Lower Upper
184 100
185 16.1 11.4 17.2
183 6.9 9.5 14.3#



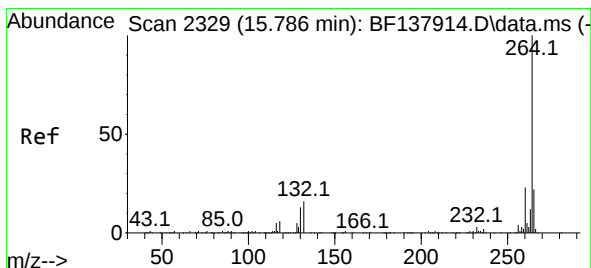
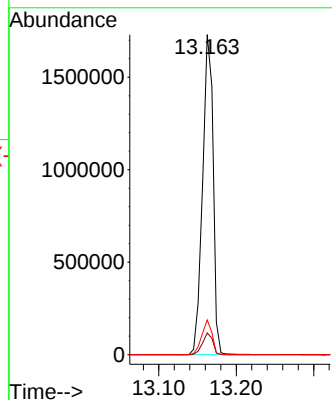
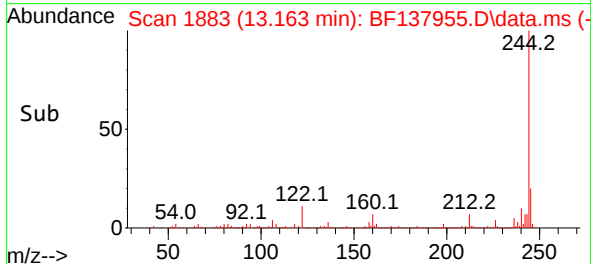


#79
 Terphenyl-d14
 Concen: 90.271 ng
 RT: 13.163 min Scan# 1883
 Delta R.T. -0.000 min
 Lab File: BF137955.D
 Acq: 20 May 2024 12:31

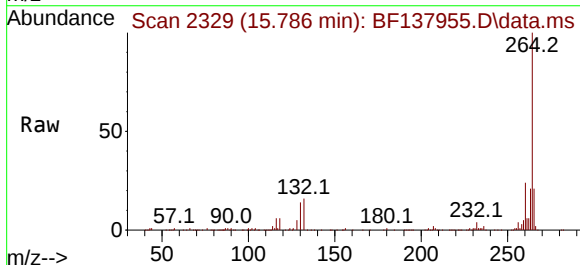
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPJ



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

