

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
 Data File : BF137992.D
 Acq On : 21 May 2024 22:15
 Operator : CG\JU
 Sample : P2539-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPQ

Quant Time: May 22 01:33:27 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)

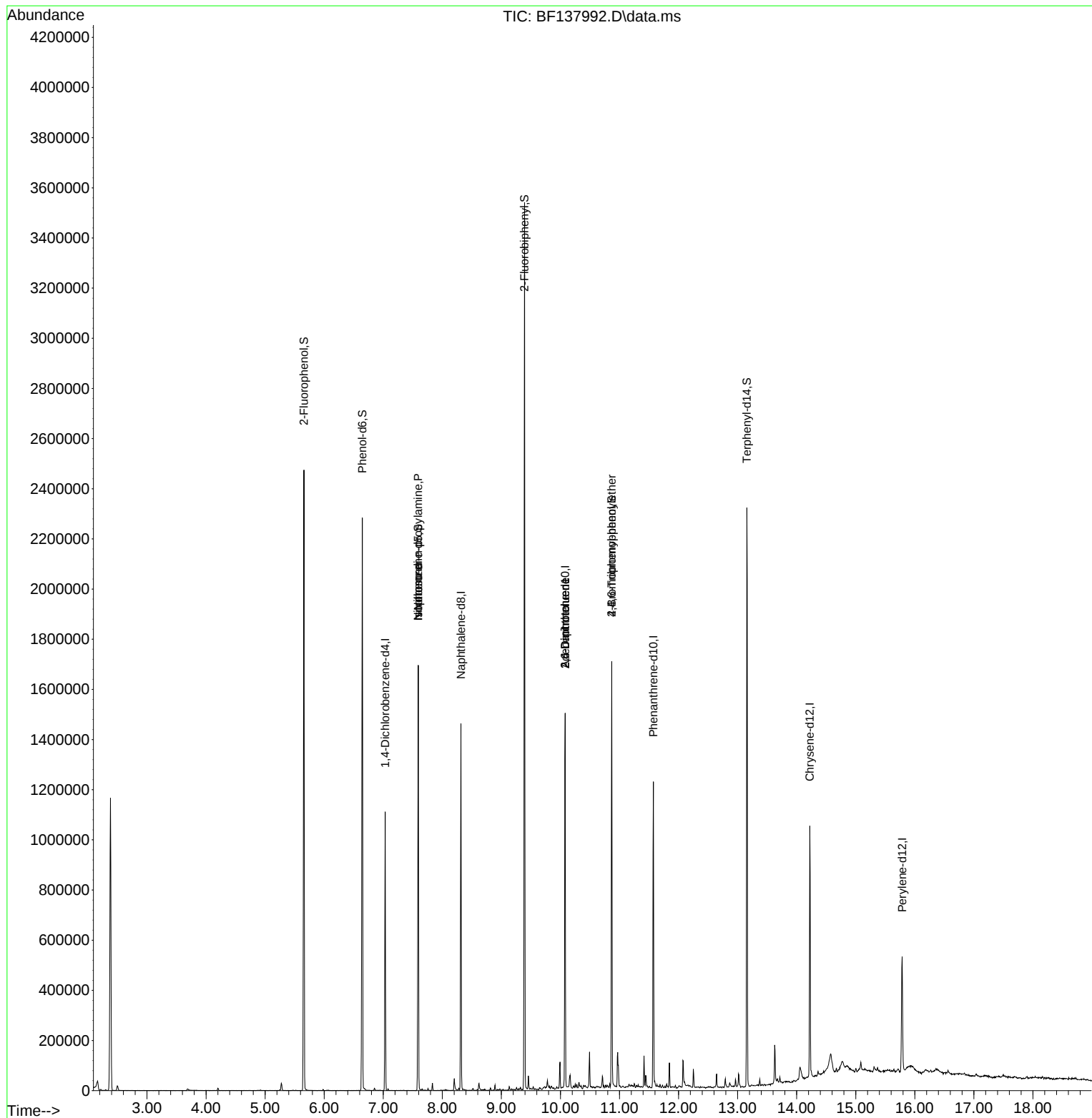
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	151937	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	580319	20.000	ng	-0.01
39) Acenaphthene-d10	10.081	164	314274	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	438027	20.000	ng	0.00
76) Chrysene-d12	14.221	240	320934	20.000	ng	0.00
86) Perylene-d12	15.786	264	225265	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	668507	74.739	ng	0.00
7) Phenol-d6	6.645	99	833618	75.657	ng	-0.01
23) Nitrobenzene-d5	7.592	82	499328	50.637	ng	-0.02
42) 2,4,6-Tribromophenol	10.869	330	199721	63.027	ng	-0.01
45) 2-Fluorobiphenyl	9.392	172	987190	48.386	ng	0.00
79) Terphenyl-d14	13.157	244	812012	37.289	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.592	70	64966	10.495	ng	# 74
25) Isophorone	7.592	82	499316	29.175	ng	# 64
51) 2,6-Dinitrotoluene	10.081	165	42398	9.374	ng	# 29
57) 2,4-Dinitrotoluene	10.081	165	42398	7.251	ng	# 33
67) 4-Bromophenyl-phenylether	10.869	248	12846	2.675	ng	# 1

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

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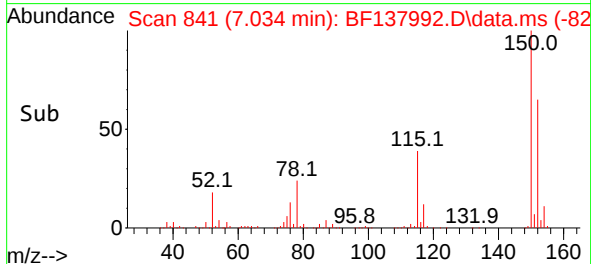
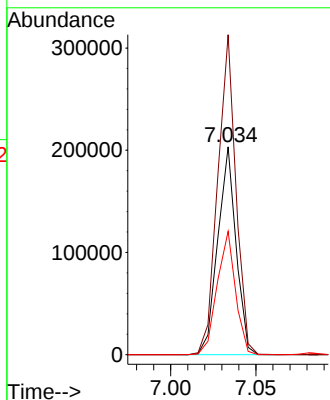
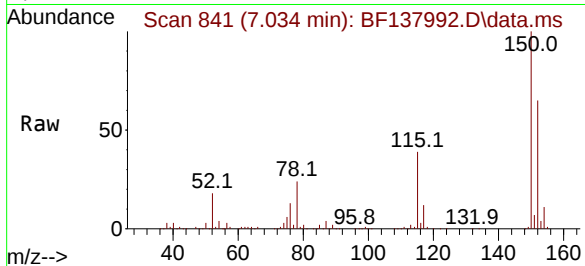




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF137992.D
Acq: 21 May 2024 22:15

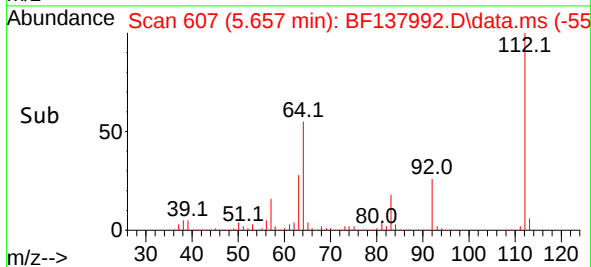
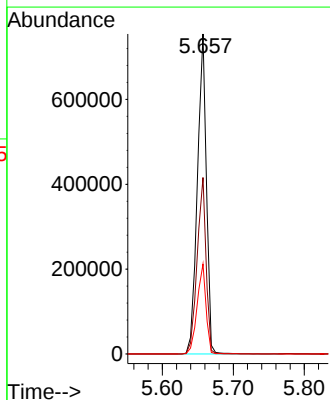
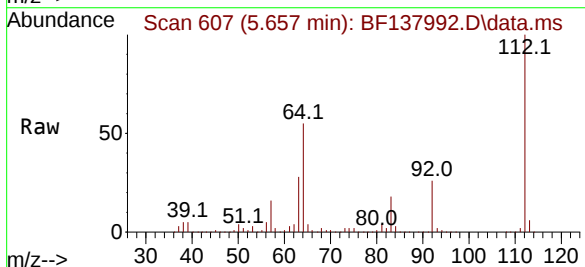
Instrument :
BNA_F
ClientSampleId :
WCS-TPQ

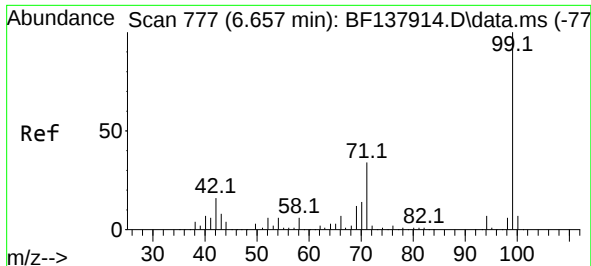
Tgt Ion:152 Resp: 151937
Ion Ratio Lower Upper
152 100
150 154.0 125.7 188.5
115 59.3 47.0 70.6



#5
2-Fluorophenol
Concen: 74.739 ng
RT: 5.657 min Scan# 607
Delta R.T. -0.006 min
Lab File: BF137992.D
Acq: 21 May 2024 22:15

Tgt Ion:112 Resp: 668507
Ion Ratio Lower Upper
112 100
64 55.1 42.4 63.6
63 28.1 21.4 32.2

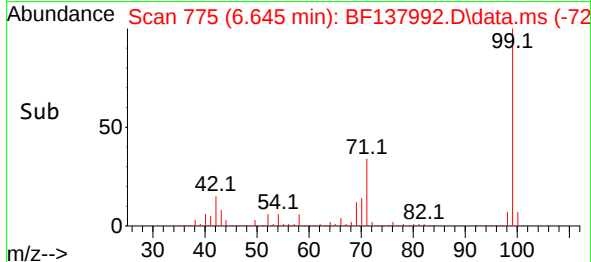
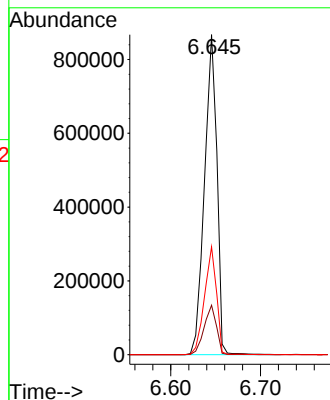
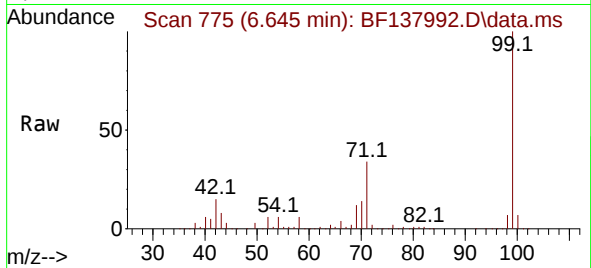




#7
Phenol-d6
Concen: 75.657 ng
RT: 6.645 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137992.D
Acq: 21 May 2024 22:15

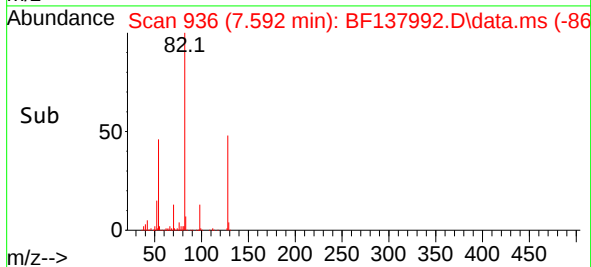
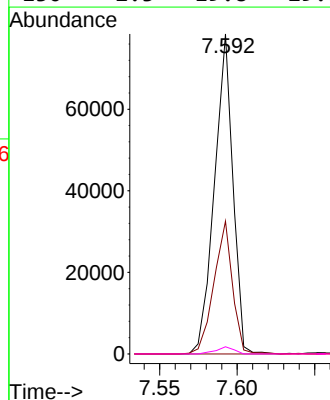
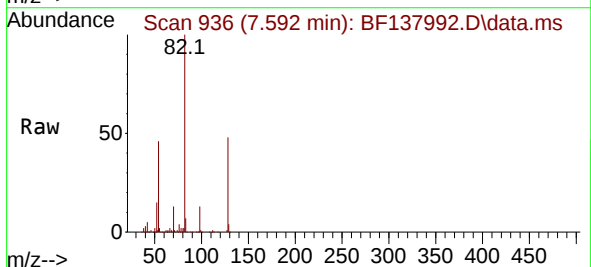
Instrument :
BNA_F
ClientSampleId :
WCS-TPQ

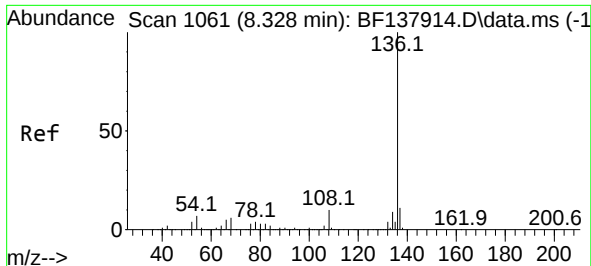
Tgt Ion: 99 Resp: 833618
Ion Ratio Lower Upper
99 100
42 15.5 12.6 18.8
71 33.7 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.495 ng
RT: 7.592 min Scan# 936
Delta R.T. 0.141 min
Lab File: BF137992.D
Acq: 21 May 2024 22:15

Tgt Ion: 70 Resp: 64966
Ion Ratio Lower Upper
70 100
42 41.5 42.2 63.4#
101 0.0 8.8 13.2#
130 2.3 19.8 29.8#

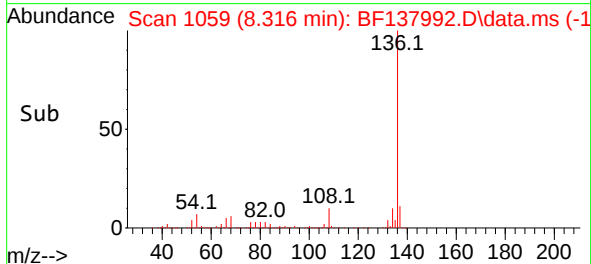
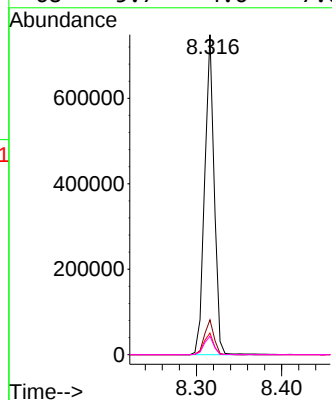
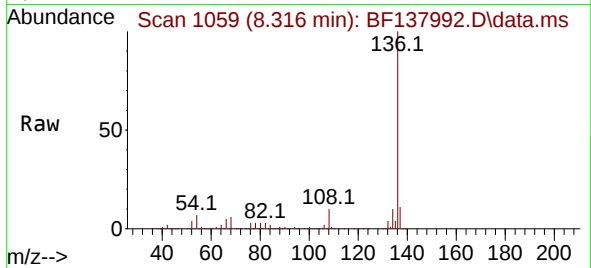




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF137992.D
Acq: 21 May 2024 22:15

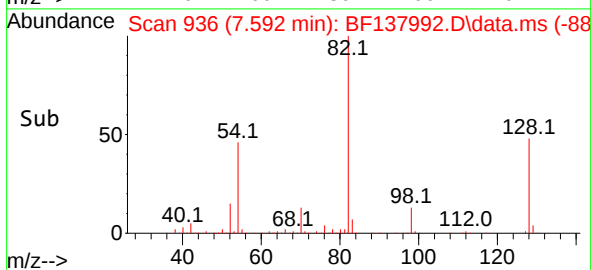
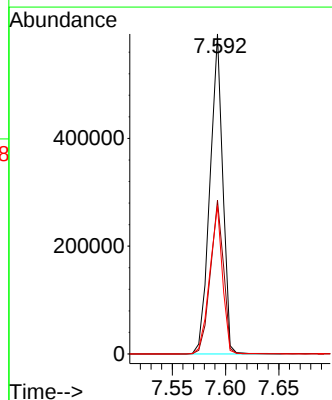
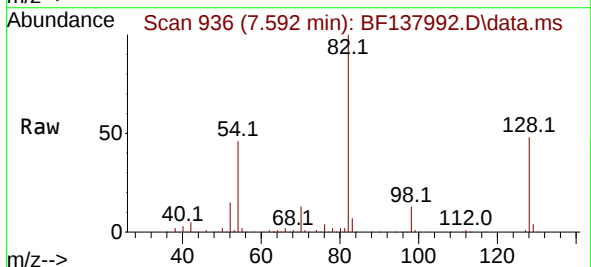
Instrument :
BNA_F
ClientSampleId :
WCS-TPQ

Tgt Ion:	136	Resp:	580319
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.7	5.4	8.2
68	5.7	4.6	7.0



#23
Nitrobenzene-d5
Concen: 50.637 ng
RT: 7.592 min Scan# 936
Delta R.T. -0.018 min
Lab File: BF137992.D
Acq: 21 May 2024 22:15

Tgt Ion:	82	Resp:	499328
Ion	Ratio	Lower	Upper
82	100		
128	48.0	40.3	60.5
54	46.3	36.8	55.2

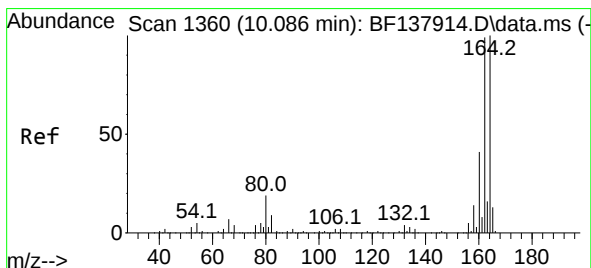
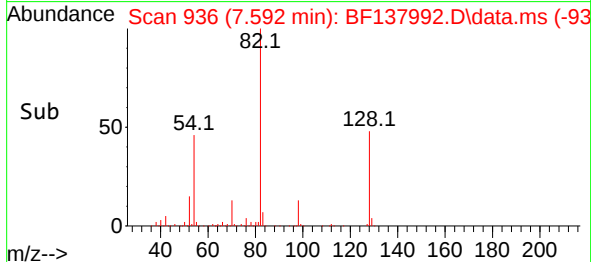
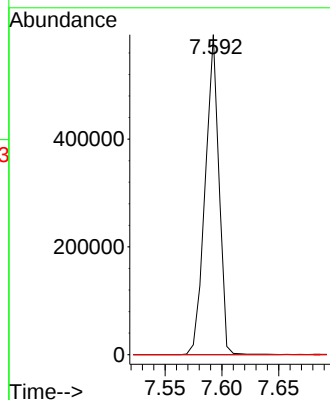
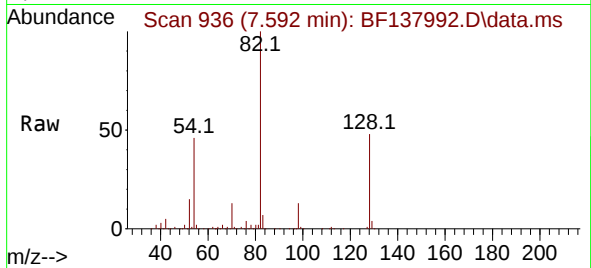




#25
Isophorone
Concen: 29.175 ng
RT: 7.592 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF137992.D
Acq: 21 May 2024 22:15

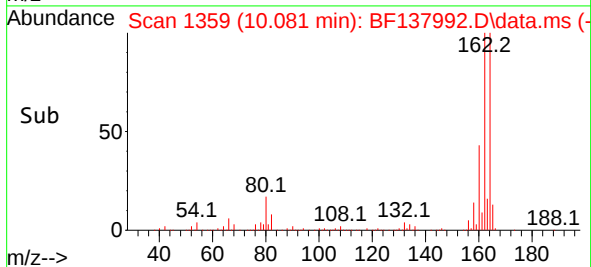
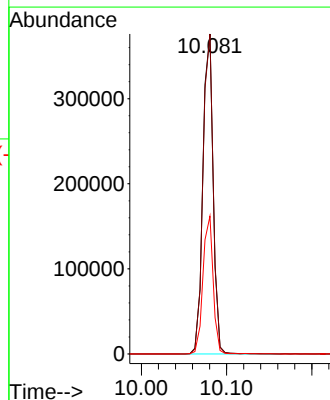
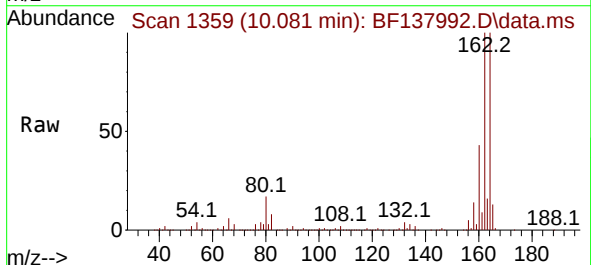
Instrument :
BNA_F
ClientSampleId :
WCS-TPQ

Tgt Ion: 82 Resp: 499316
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: 10.081 min Scan# 1359
Delta R.T. -0.005 min
Lab File: BF137992.D
Acq: 21 May 2024 22:15

Tgt Ion:164 Resp: 314274
Ion Ratio Lower Upper
164 100
162 99.9 79.4 119.2
160 43.0 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 63.027 ng

RT: 10.869 min Scan# 1493

Delta R.T. -0.012 min

Lab File: BF137992.D

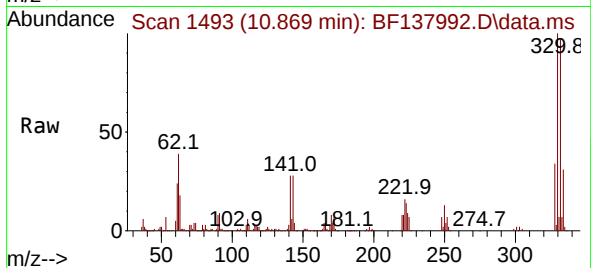
Acq: 21 May 2024 22:15

Instrument :

BNA_F

ClientSampleId :

WCS-TPQ



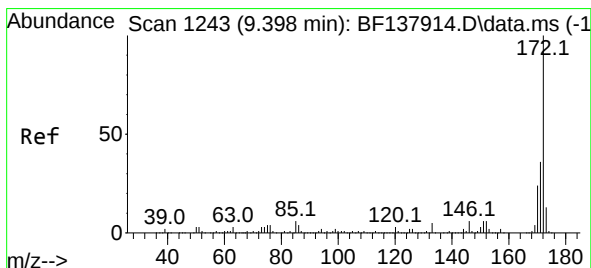
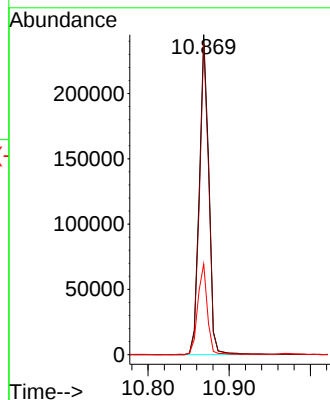
Tgt Ion:330 Resp: 199721

Ion Ratio Lower Upper

330 100

332 95.5 75.8 113.8

141 28.6 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 48.386 ng

RT: 9.392 min Scan# 1242

Delta R.T. -0.006 min

Lab File: BF137992.D

Acq: 21 May 2024 22:15

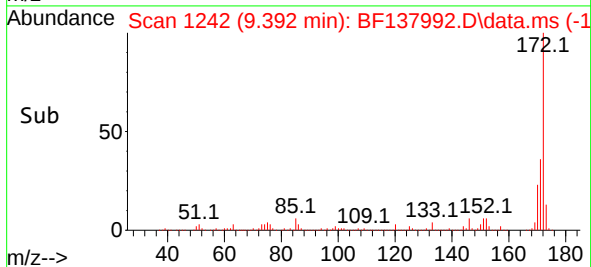
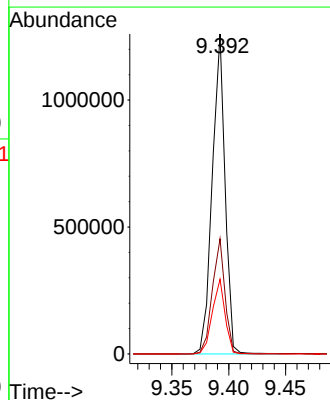
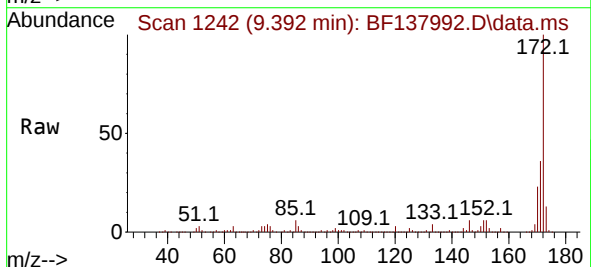
Tgt Ion:172 Resp: 987190

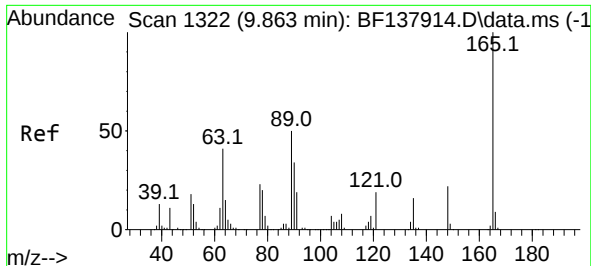
Ion Ratio Lower Upper

172 100

171 36.0 28.9 43.3

170 23.4 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 9.374 ng

RT: 10.081 min Scan# 11

Delta R.T. 0.218 min

Lab File: BF137992.D

Acq: 21 May 2024 22:15

Instrument :

BNA_F

ClientSampleId :

WCS-TPQ

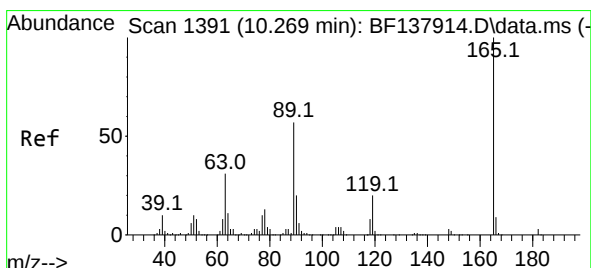
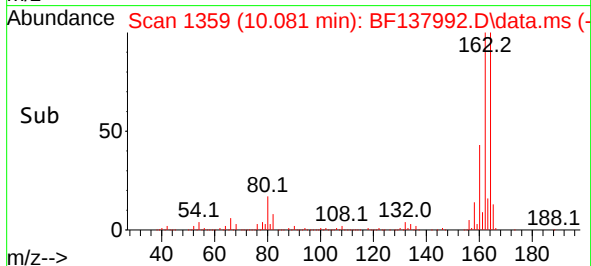
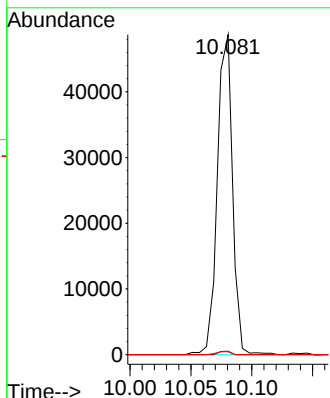
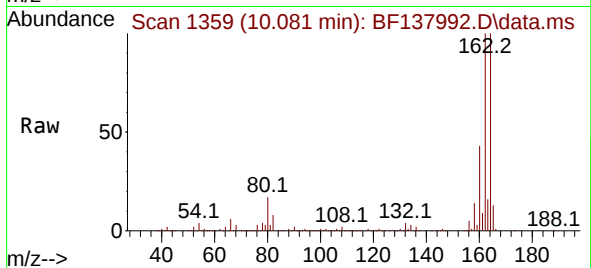
Tgt Ion:165 Resp: 42398

Ion Ratio Lower Upper

165 100

63 1.1 38.9 58.3#

89 0.9 40.4 60.6#



#57

2,4-Dinitrotoluene

Concen: 7.251 ng

RT: 10.081 min Scan# 1359

Delta R.T. -0.188 min

Lab File: BF137992.D

Acq: 21 May 2024 22:15

Tgt Ion:165 Resp: 42398

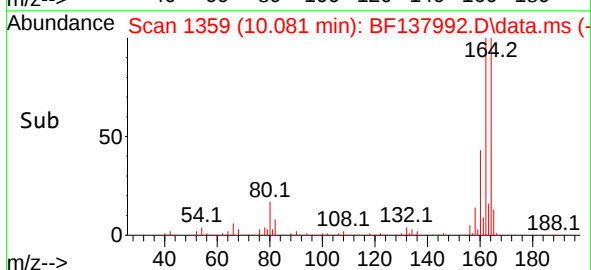
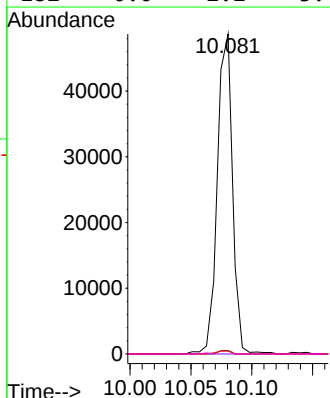
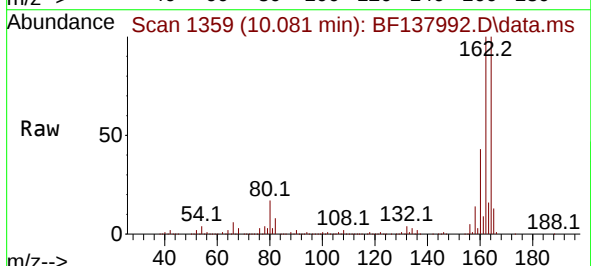
Ion Ratio Lower Upper

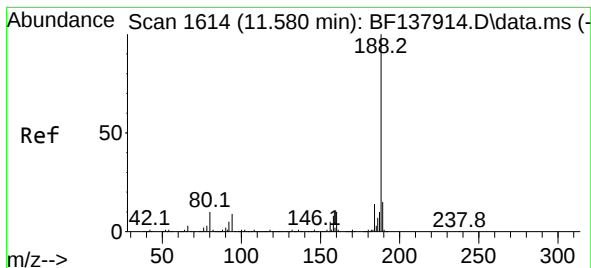
165 100

63 1.1 25.3 37.9#

89 0.9 45.9 68.9#

182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137992.D

Acq: 21 May 2024 22:15

Instrument :

BNA_F

ClientSampleId :

WCS-TPQ

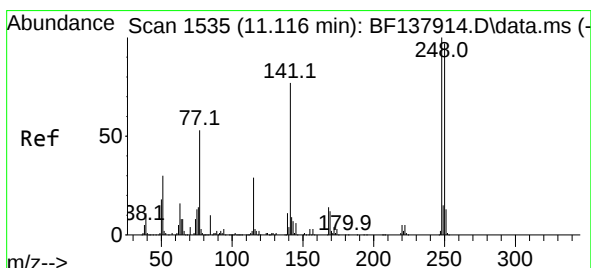
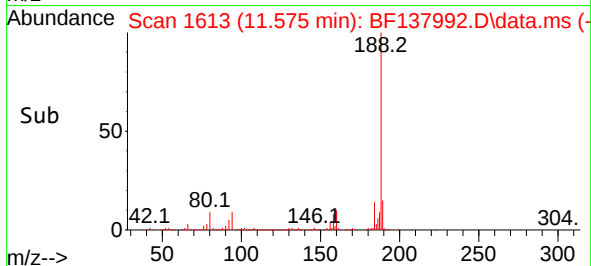
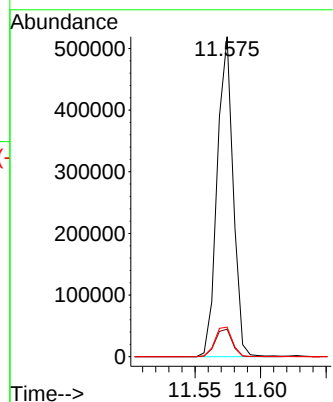
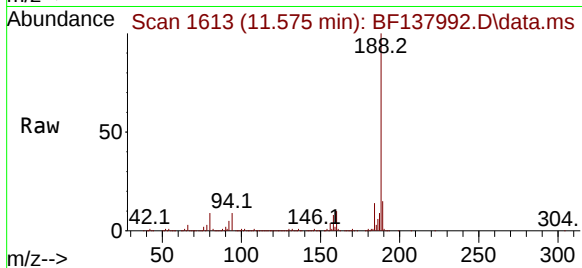
Tgt Ion:188 Resp: 438027

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

80 9.3 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 2.675 ng

RT: 10.869 min Scan# 1493

Delta R.T. -0.247 min

Lab File: BF137992.D

Acq: 21 May 2024 22:15

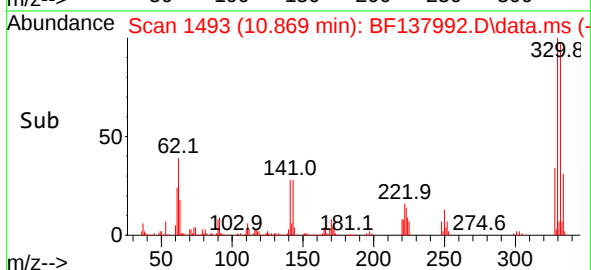
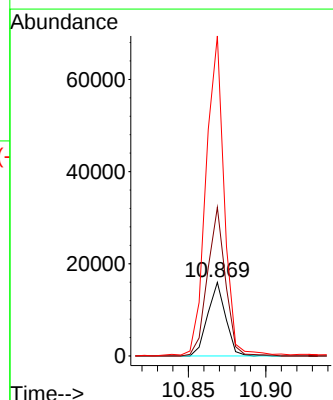
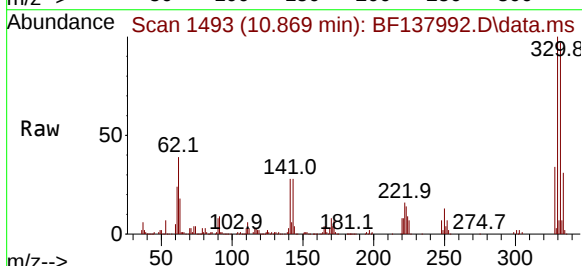
Tgt Ion:248 Resp: 12846

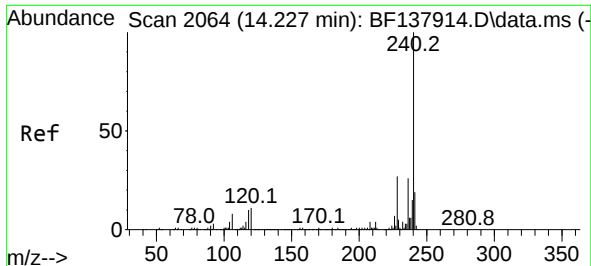
Ion Ratio Lower Upper

248 100

250 202.0 77.6 116.4#

141 434.6 61.4 92.2#

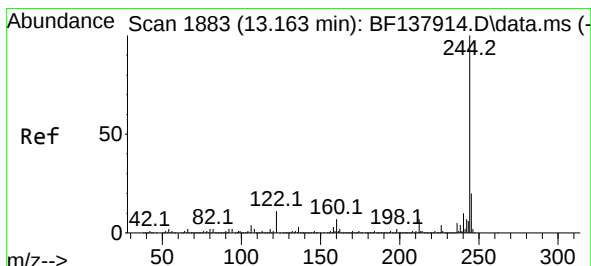
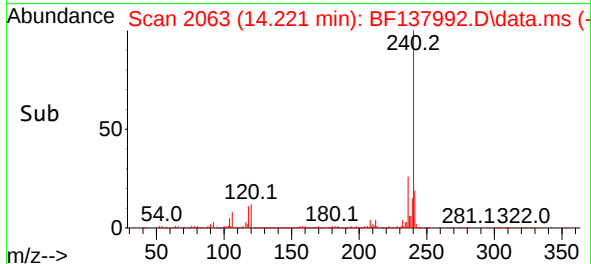
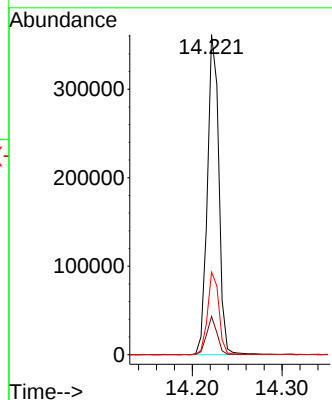
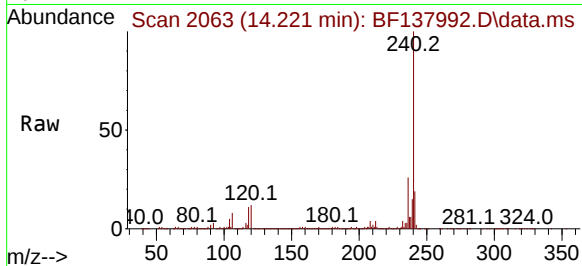




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF137992.D
Acq: 21 May 2024 22:15

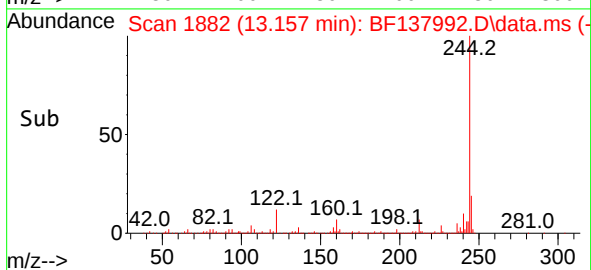
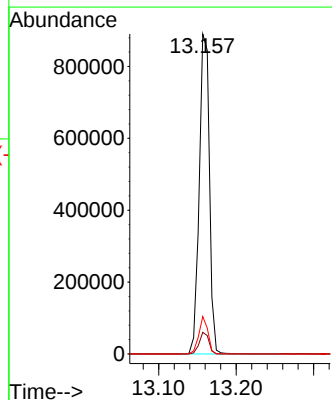
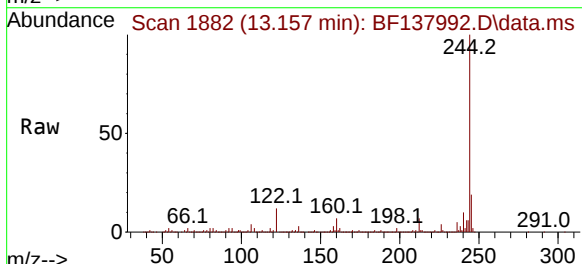
Instrument :
BNA_F
ClientSampleId :
WCS-TPQ

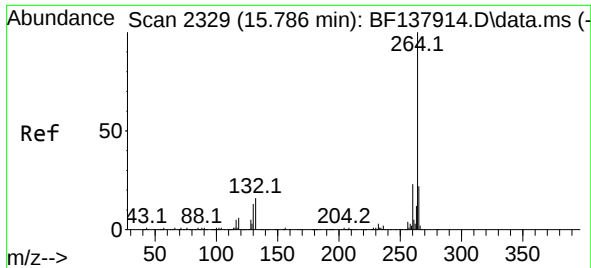
Tgt Ion:240 Resp: 320934
Ion Ratio Lower Upper
240 100
120 12.0 8.9 13.3
236 25.8 21.0 31.4



#79
Terphenyl-d14
Concen: 37.289 ng
RT: 13.157 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BF137992.D
Acq: 21 May 2024 22:15

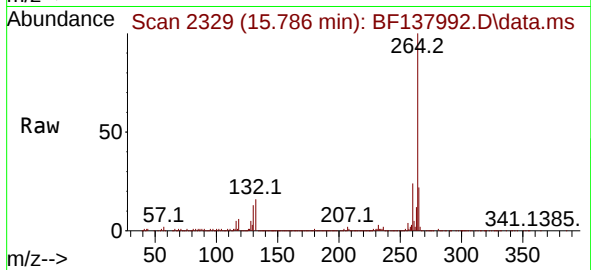
Tgt Ion:244 Resp: 812012
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 11.7 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.786 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137992.D
Acq: 21 May 2024 22:15

Instrument :
BNA_F
ClientSampleId :
WCS-TPQ



Tgt Ion:264 Resp: 225265
Ion Ratio Lower Upper
264 100
260 23.8 18.3 27.5
265 22.3 17.6 26.4

