

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111824\
 Data File : BF140459.D
 Acq On : 18 Nov 2024 17:40
 Operator : RC/JU
 Sample : P4861-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-11-A-202411

Quant Time: Nov 19 00:21:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

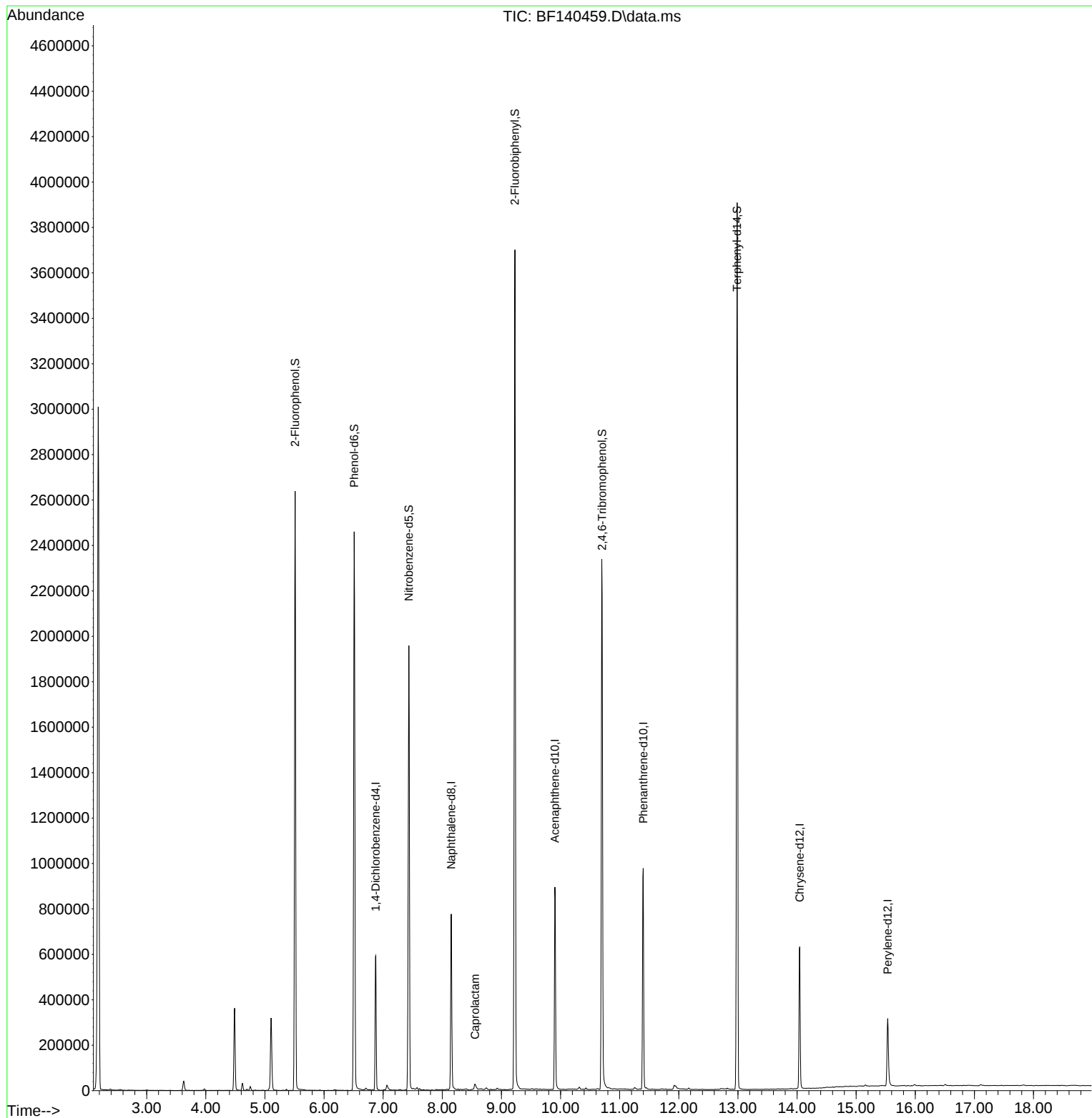
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	130012	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	491807	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	276538	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	538236	20.000	ng	0.00
76) Chrysene-d12	14.045	240	315994	20.000	ng	0.00
86) Perylene-d12	15.533	264	154098	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1002968	131.715	ng	0.02
7) Phenol-d6	6.510	99	1223063	118.552	ng	0.00
23) Nitrobenzene-d5	7.434	82	948480	100.483	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	434081	157.850	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1719185	99.938	ng	0.00
79) Terphenyl-d14	12.986	244	1999313	109.825	ng	0.00
Target Compounds						
35) Caprolactam	8.551	113	5836	2.545	ng	Qvalue 89

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

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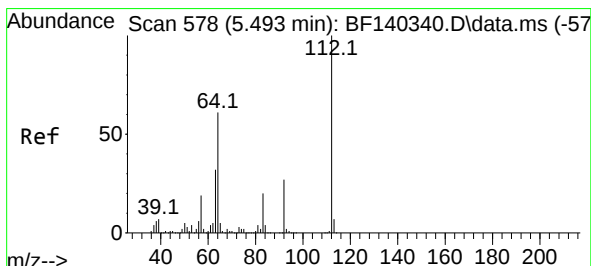
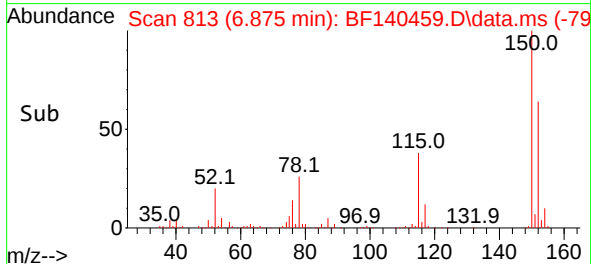
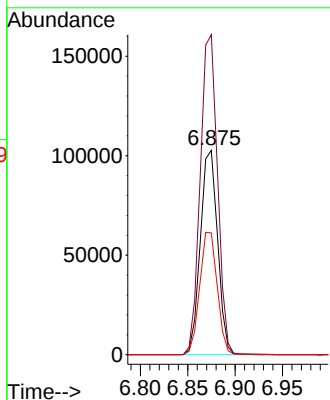
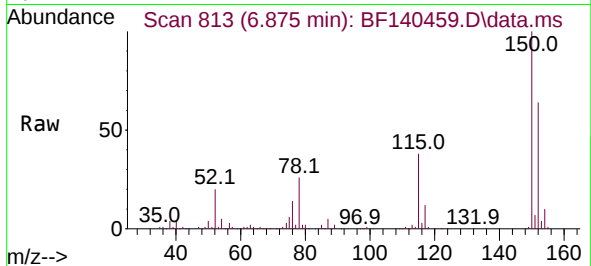




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140459.D
Acq: 18 Nov 2024 17:40

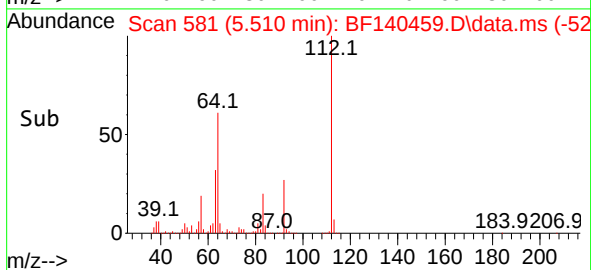
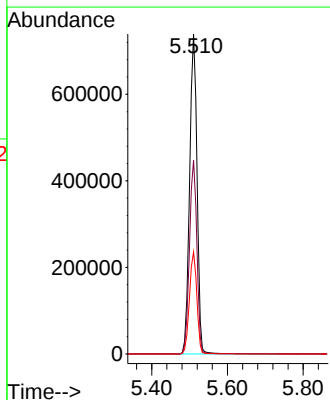
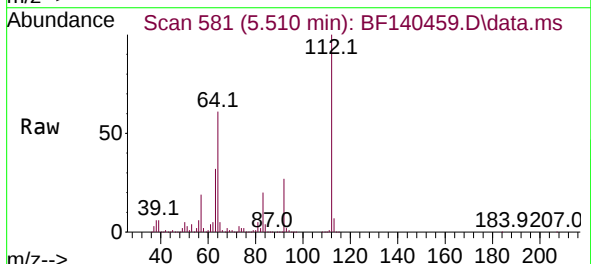
Instrument :
BNA_F
ClientSampleId :
WC-11-A-202411

Tgt Ion:152 Resp: 130012
Ion Ratio Lower Upper
152 100
150 156.6 127.4 191.0
115 59.5 47.4 71.2



#5
2-Fluorophenol
Concen: 131.715 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF140459.D
Acq: 18 Nov 2024 17:40

Tgt Ion:112 Resp: 1002968
Ion Ratio Lower Upper
112 100
64 60.6 49.2 73.8
63 31.9 25.6 38.4



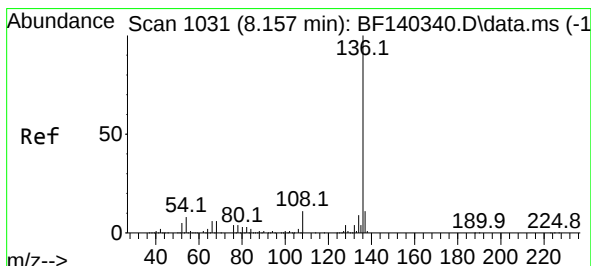
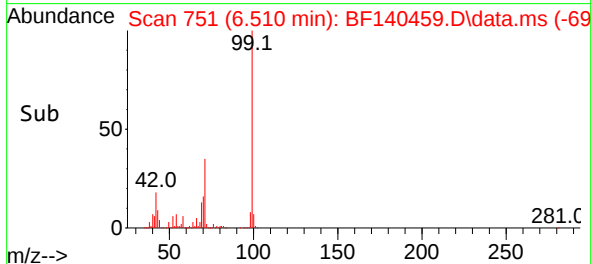
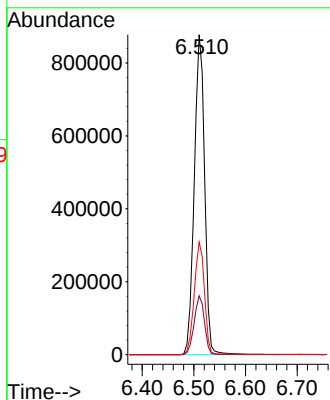
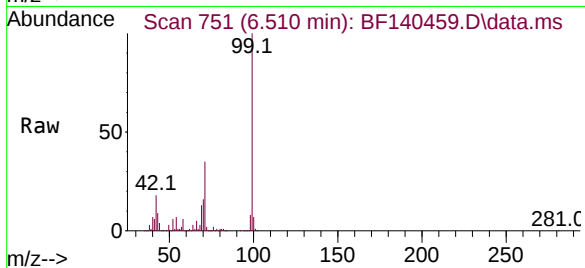


#7
Phenol-d6
Concen: 118.552 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140459.D
Acq: 18 Nov 2024 17:40

Instrument :
BNA_F
ClientSampleId :
WC-11-A-202411

Tgt Ion: 99 Resp: 1223063

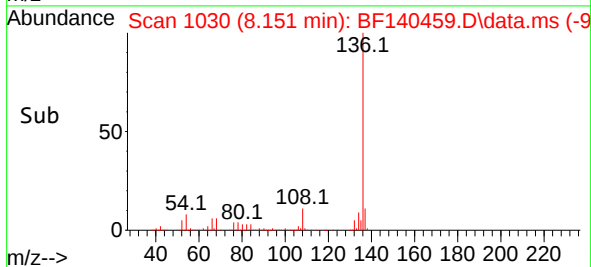
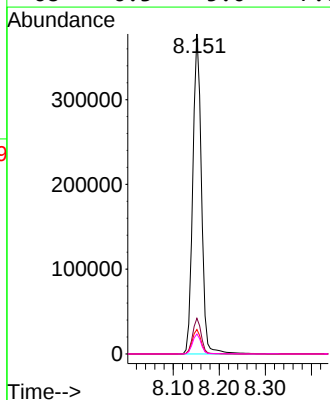
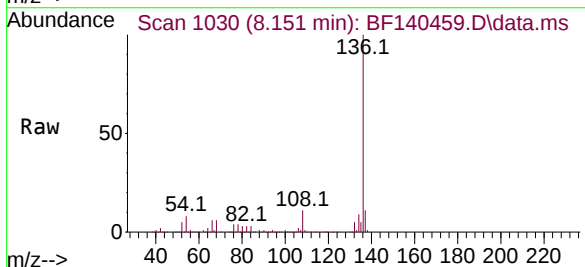
Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.1	22.7
71	35.2	27.9	41.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140459.D
Acq: 18 Nov 2024 17:40

Tgt Ion: 136 Resp: 491807

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.7	6.5	9.7
68	6.3	5.0	7.6





#23

Nitrobenzene-d5

Concen: 100.483 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140459.D

Acq: 18 Nov 2024 17:40

Instrument :

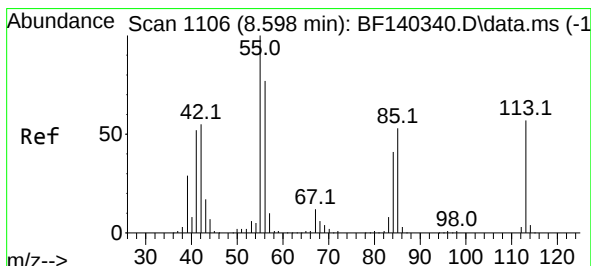
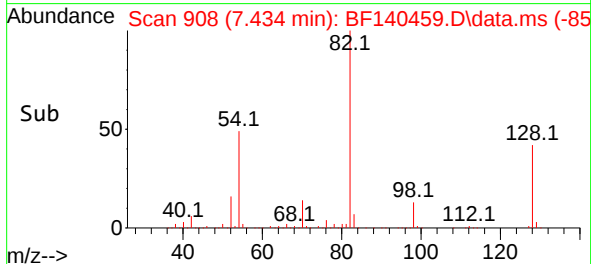
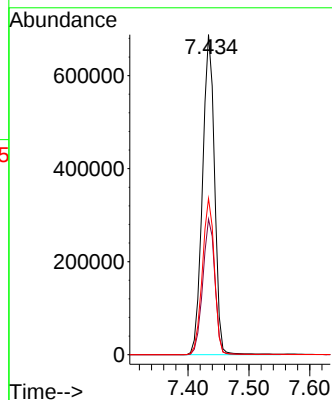
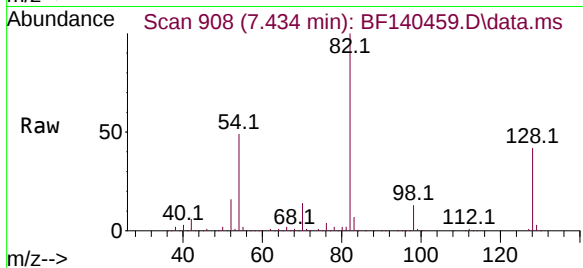
BNA_F

ClientSampleId :

WC-11-A-202411

Tgt Ion: 82 Resp: 948480

Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.3	49.9
54	48.8	39.8	59.8



#35

Caprolactam

Concen: 2.545 ng

RT: 8.551 min Scan# 1098

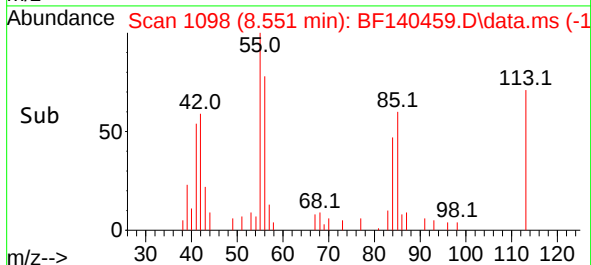
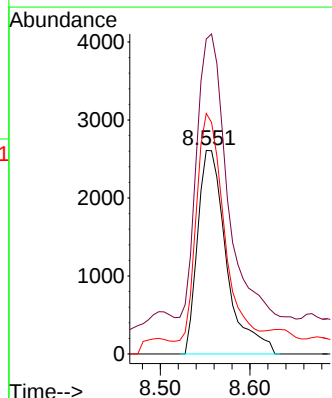
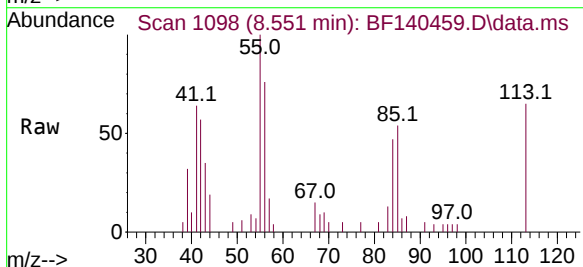
Delta R.T. -0.047 min

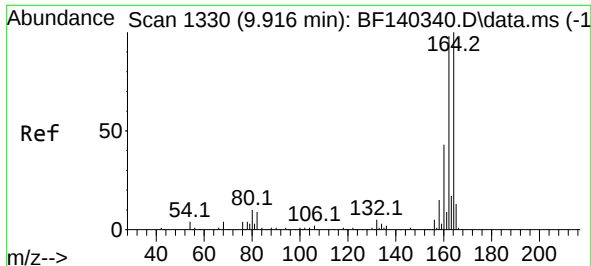
Lab File: BF140459.D

Acq: 18 Nov 2024 17:40

Tgt Ion: 113 Resp: 5836

Ion	Ratio	Lower	Upper
113	100		
55	154.8	150.0	190.0
56	118.1	111.1	151.1

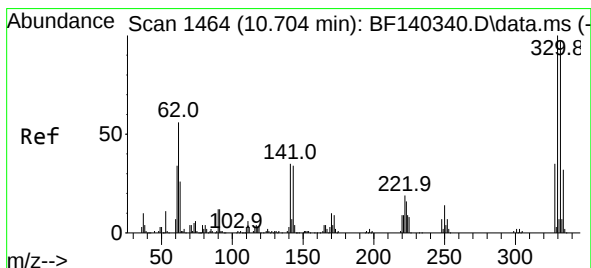
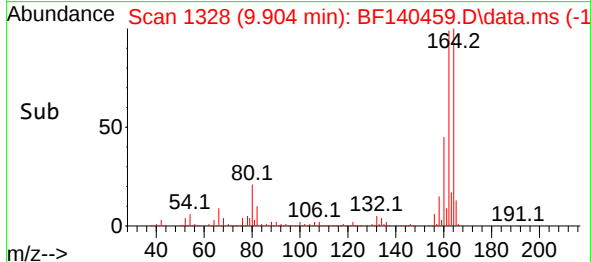
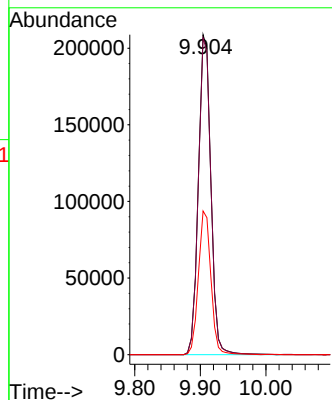
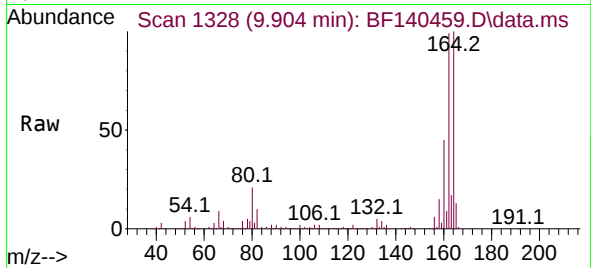




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF140459.D
Acq: 18 Nov 2024 17:40

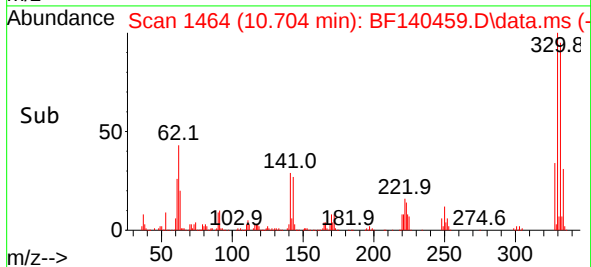
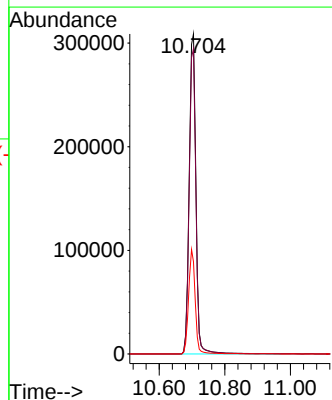
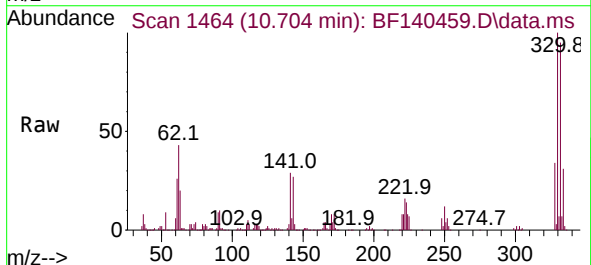
Instrument :
BNA_F
ClientSampleId :
WC-11-A-202411

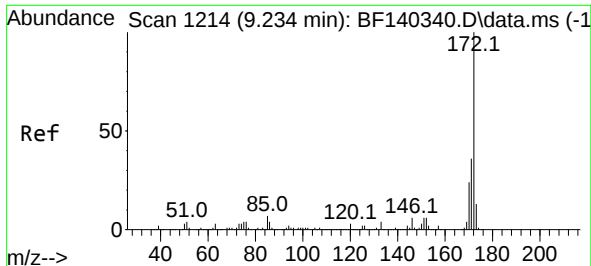
Tgt Ion:164 Resp: 276538
Ion Ratio Lower Upper
164 100
162 98.9 79.8 119.8
160 44.9 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 157.850 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140459.D
Acq: 18 Nov 2024 17:40

Tgt Ion:330 Resp: 434081
Ion Ratio Lower Upper
330 100
332 95.1 75.9 113.9
141 31.9 26.9 40.3





#45

2-Fluorobiphenyl

Concen: 99.938 ng

RT: 9.228 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140459.D

Acq: 18 Nov 2024 17:40

Instrument :

BNA_F

ClientSampleId :

WC-11-A-202411

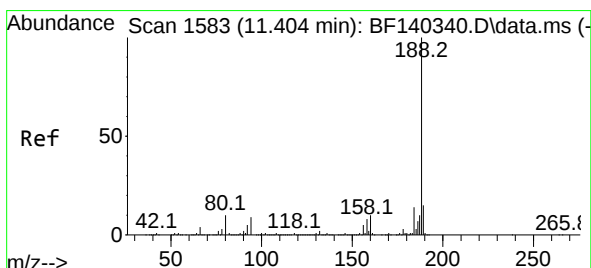
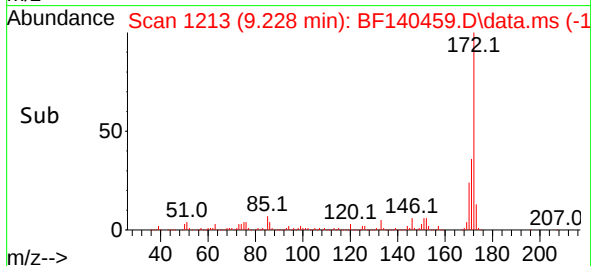
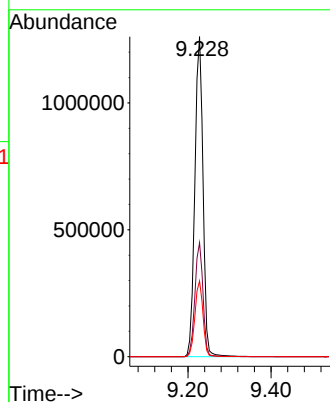
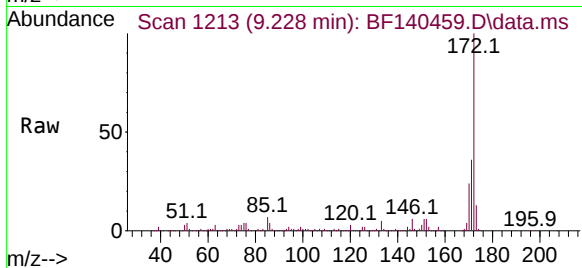
Tgt Ion:172 Resp: 1719185

Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 23.7 19.1 28.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140459.D

Acq: 18 Nov 2024 17:40

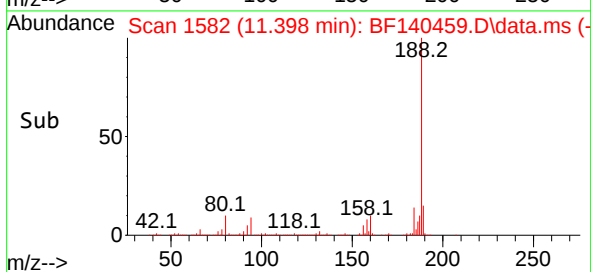
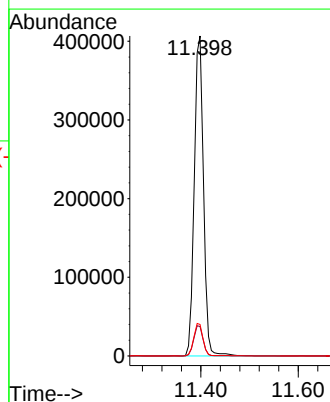
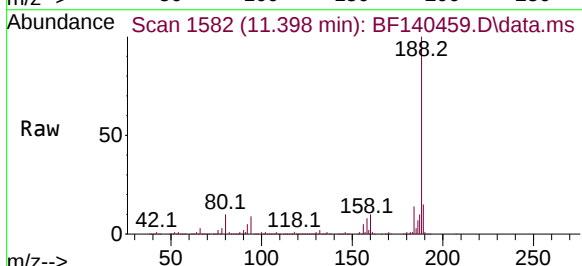
Tgt Ion:188 Resp: 538236

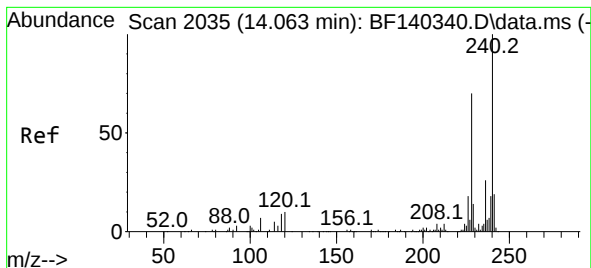
Ion Ratio Lower Upper

188 100

94 9.2 7.6 11.4

80 9.9 8.0 12.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140459.D

Acq: 18 Nov 2024 17:40

Instrument :

BNA_F

ClientSampleId :

WC-11-A-202411

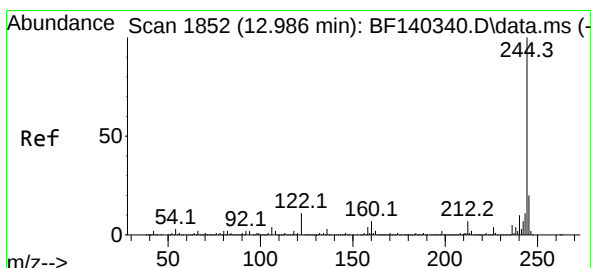
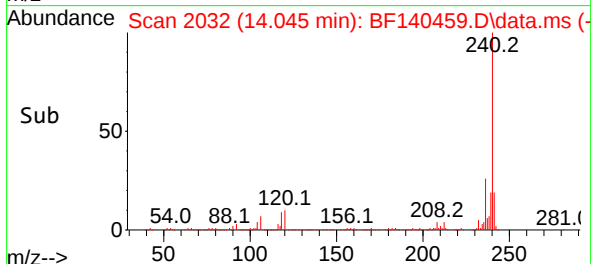
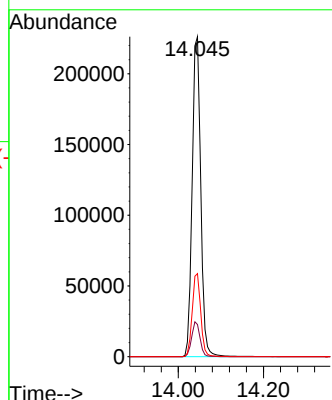
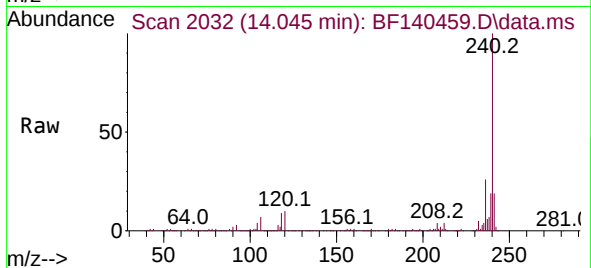
Tgt Ion:240 Resp: 315994

Ion Ratio Lower Upper

240 100

120 10.1 8.8 13.2

236 25.9 20.9 31.3



#79

Terphenyl-d14

Concen: 109.825 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF140459.D

Acq: 18 Nov 2024 17:40

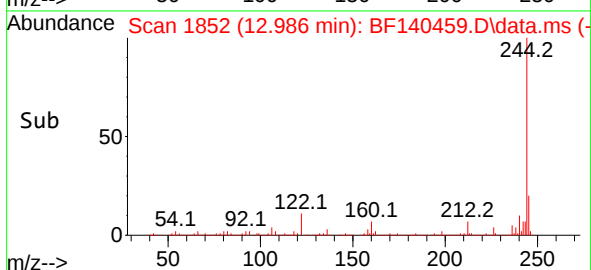
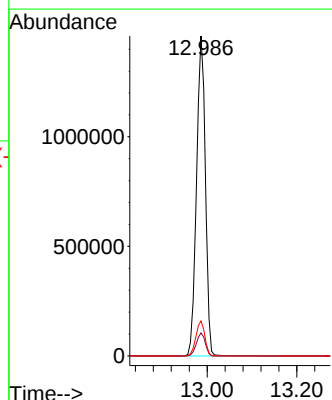
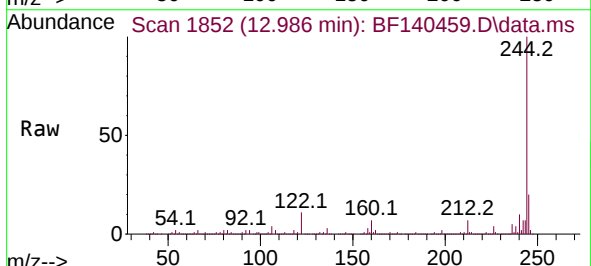
Tgt Ion:244 Resp: 1999313

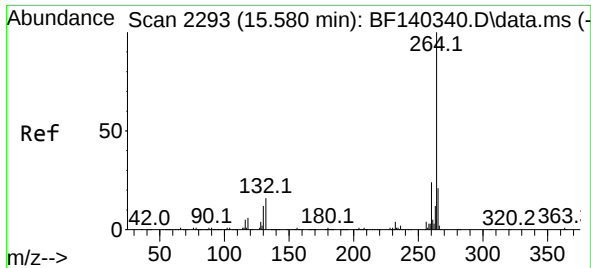
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

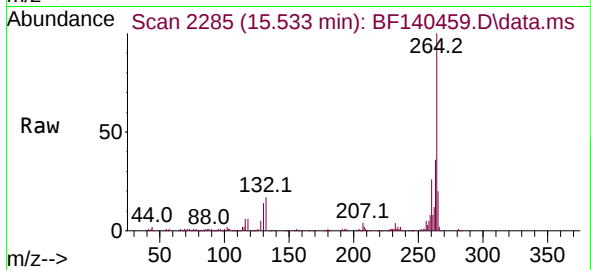
122 11.0 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BF140459.D
 Acq: 18 Nov 2024 17:40

Instrument :
 BNA_F
 ClientSampleId :
 WC-11-A-202411



Tgt Ion:264	Resp:	154098
Ion	Ratio	Lower Upper
264	100	
260	25.9	19.2 28.8
265	19.9	17.1 25.7

