

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
 Data File : BF141743.D
 Acq On : 24 Feb 2025 14:40
 Operator : RC/JU
 Sample : Q1397-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP7

Quant Time: Feb 24 15:00:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

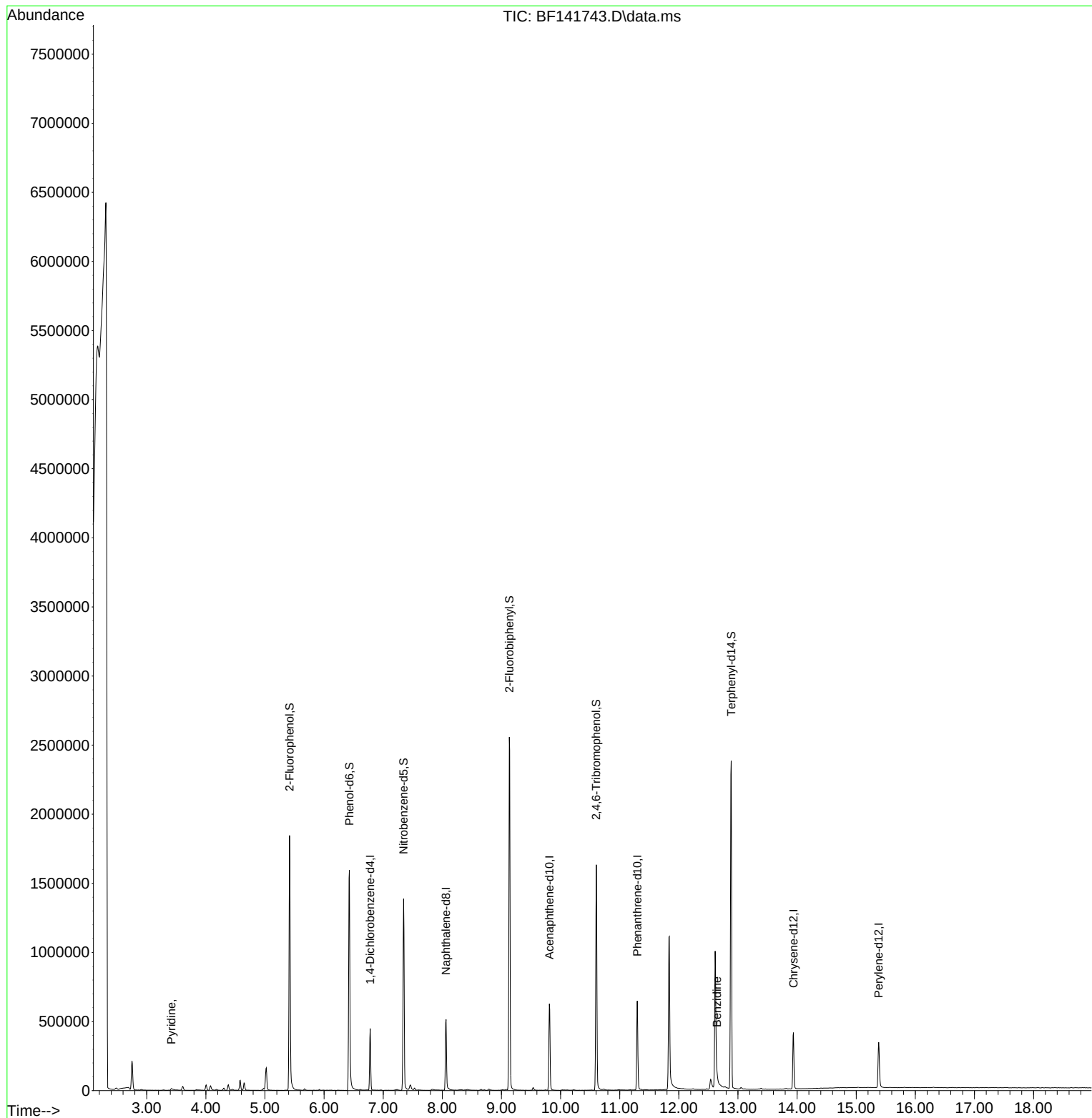
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	91555	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	365638	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	200120	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	345232	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	214922	20.000	ng	-0.02
86) Perylene-d12	15.380	264	213887	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	725067	124.157	ng	0.00
7) Phenol-d6	6.428	99	818714	110.919	ng	-0.01
23) Nitrobenzene-d5	7.345	82	634568	90.521	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	279975	139.271	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	1190318	91.638	ng	-0.02
79) Terphenyl-d14	12.886	244	1220342	95.856	ng	-0.02
Target Compounds						
3) Pyridine	3.416	79	15831m	2.830	ng	Qvalue
77) Benzidine	12.645	184	26565	5.604	ng	# 81

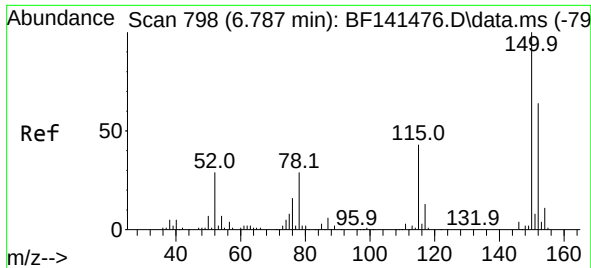
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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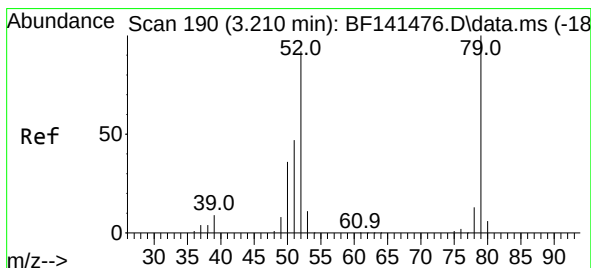
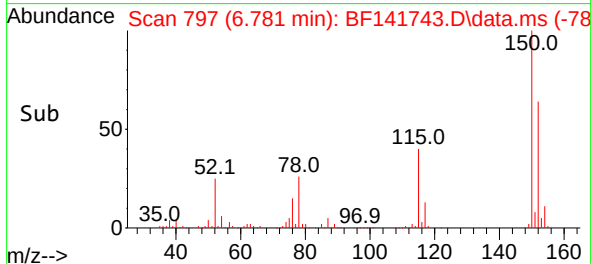
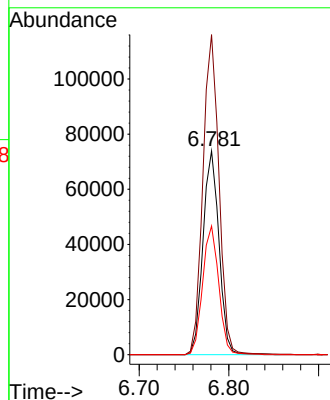
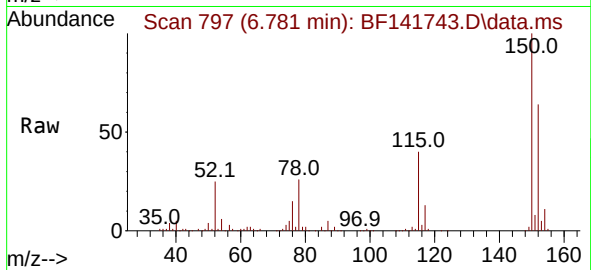




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141743.D
 Acq: 24 Feb 2025 14:40

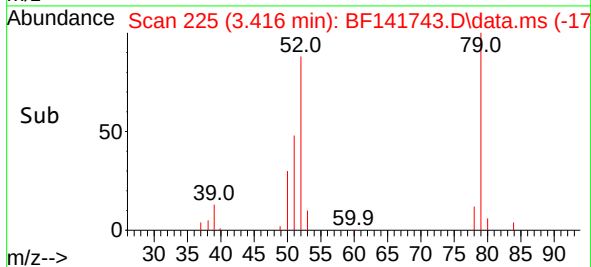
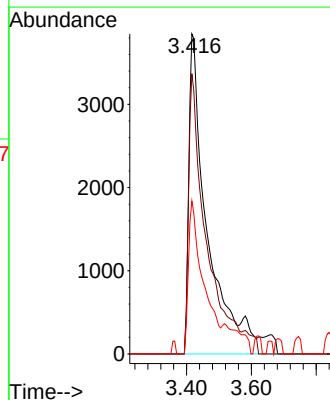
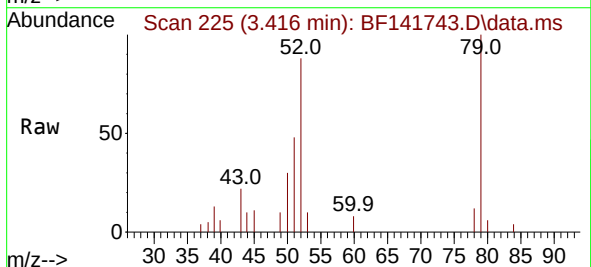
Instrument :
 BNA_F
 ClientSampleId :
 TP7

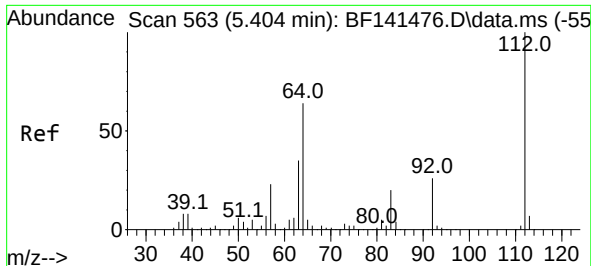
Tgt Ion:152 Resp: 91555
 Ion Ratio Lower Upper
 152 100
 150 157.2 125.0 187.4
 115 63.1 53.6 80.4



#3
 Pyridine
 Concen: 2.830 ng m
 RT: 3.416 min Scan# 225
 Delta R.T. 0.200 min
 Lab File: BF141743.D
 Acq: 24 Feb 2025 14:40

Tgt Ion: 79 Resp: 15831
 Ion Ratio Lower Upper
 79 100
 52 87.6 73.7 110.5
 51 47.8 37.5 56.3

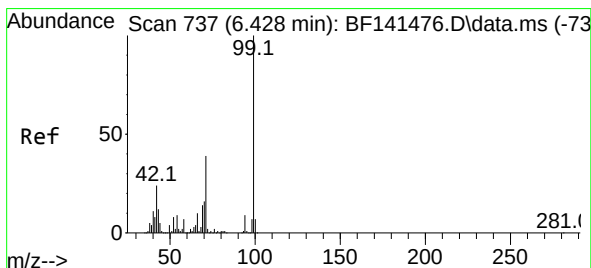
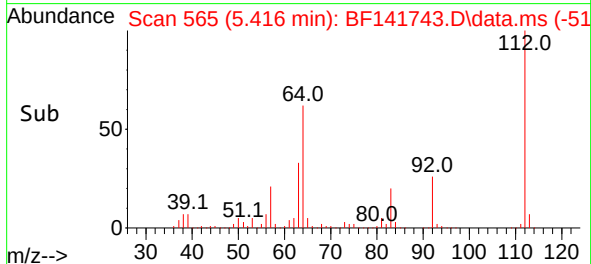
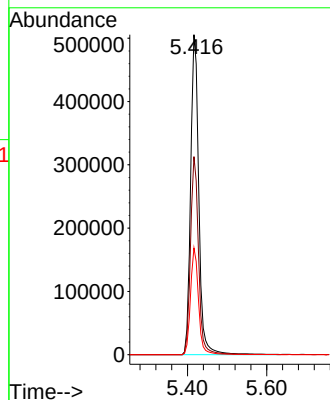
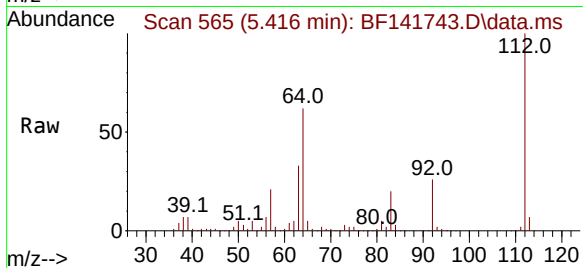




#5
2-Fluorophenol
Concen: 124.157 ng
RT: 5.416 min Scan# 501
Delta R.T. 0.006 min
Lab File: BF141743.D
Acq: 24 Feb 2025 14:40

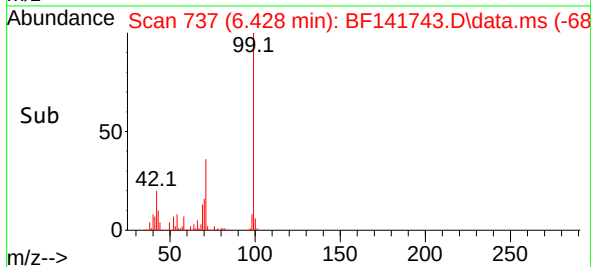
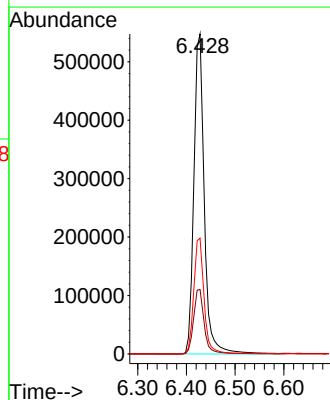
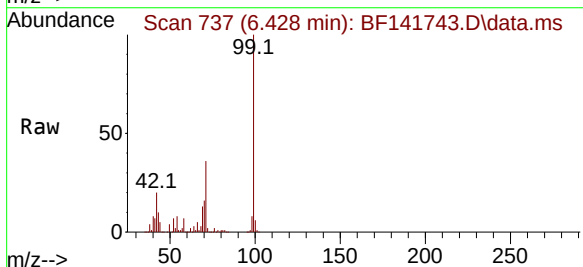
Instrument :
BNA_F
ClientSampleId :
TP7

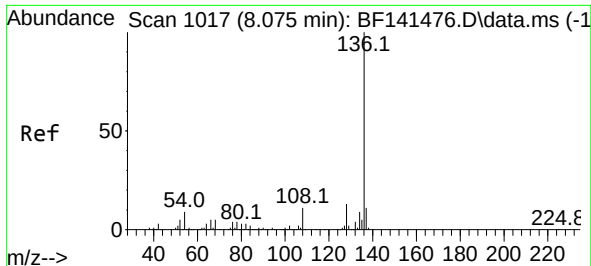
Tgt Ion:112 Resp: 725067
Ion Ratio Lower Upper
112 100
64 61.9 51.1 76.7
63 33.4 28.4 42.6



#7
Phenol-d6
Concen: 110.919 ng
RT: 6.428 min Scan# 737
Delta R.T. -0.012 min
Lab File: BF141743.D
Acq: 24 Feb 2025 14:40

Tgt Ion: 99 Resp: 818714
Ion Ratio Lower Upper
99 100
42 20.2 19.1 28.7
71 36.2 31.1 46.7

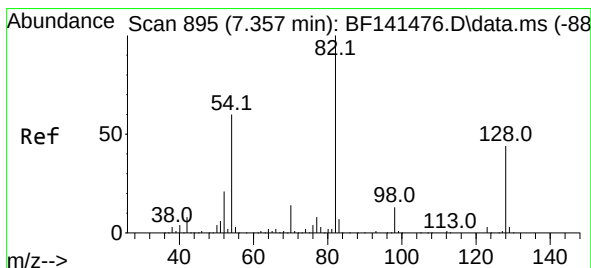
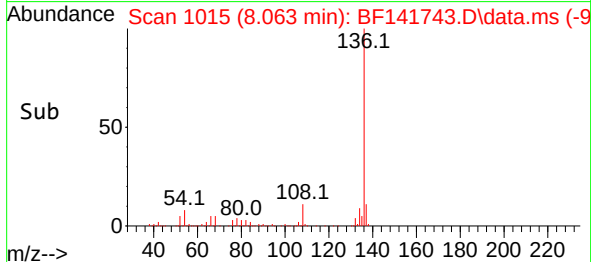
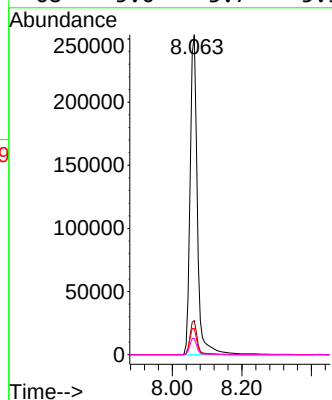
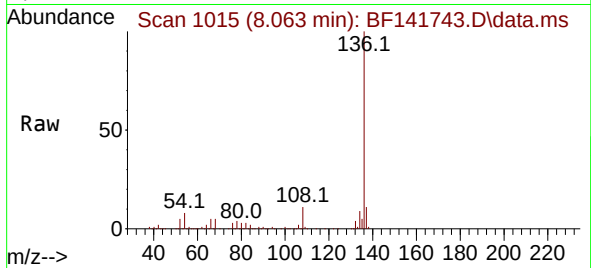




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141743.D
Acq: 24 Feb 2025 14:40

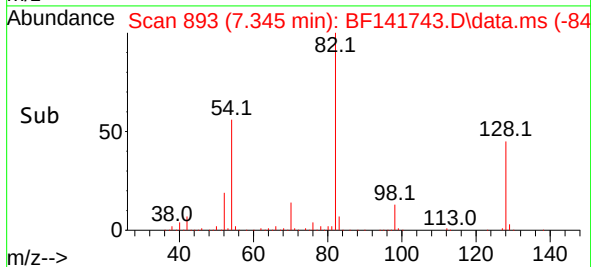
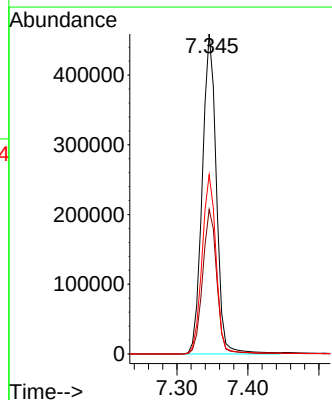
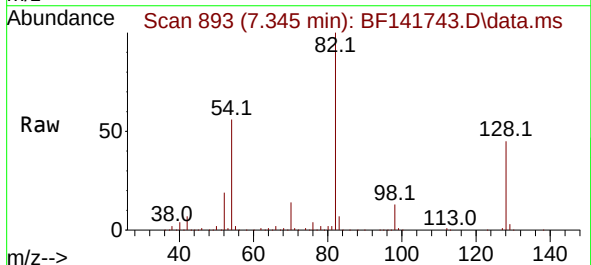
Instrument :
BNA_F
ClientSampleId :
TP7

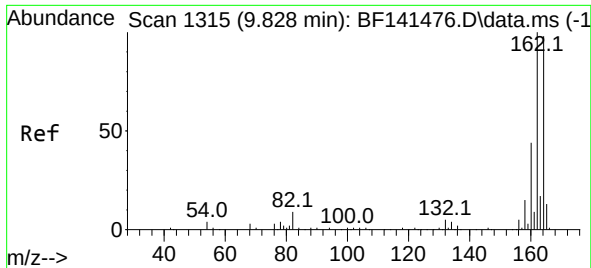
Tgt Ion:	136	Resp:	365638
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.2	7.2	10.8
68	5.0	3.7	5.5



#23
Nitrobenzene-d5
Concen: 90.521 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF141743.D
Acq: 24 Feb 2025 14:40

Tgt Ion:	82	Resp:	634568
Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.8	52.2
54	56.0	48.2	72.4

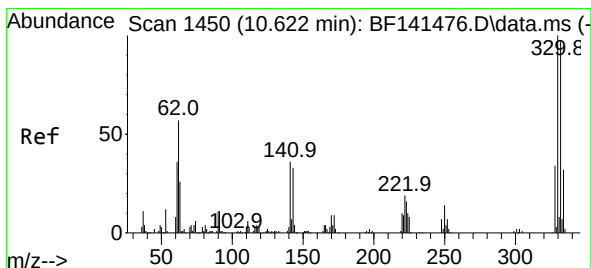
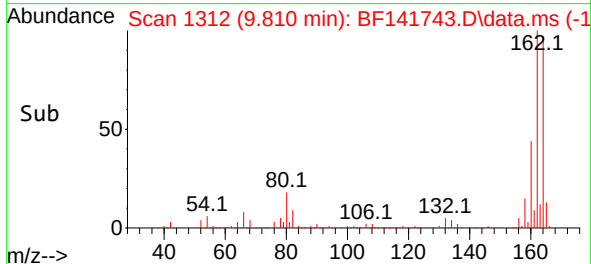
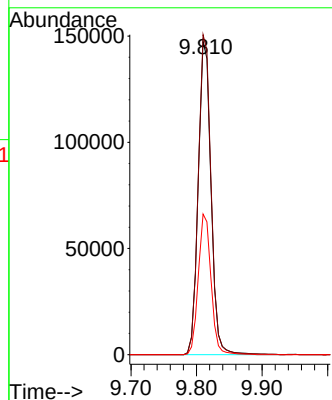
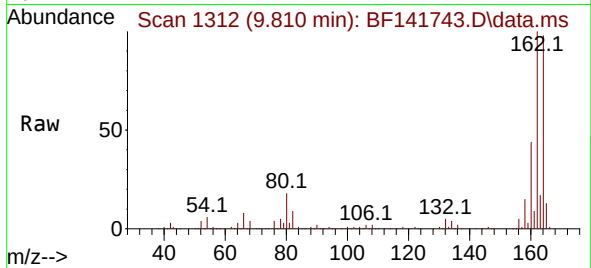




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF141743.D
Acq: 24 Feb 2025 14:40

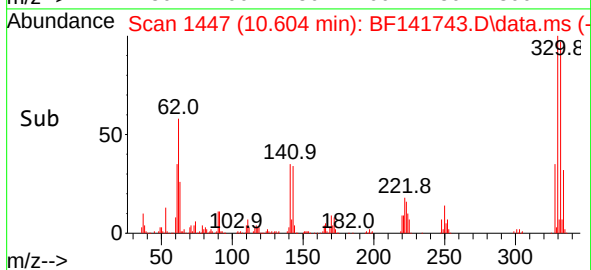
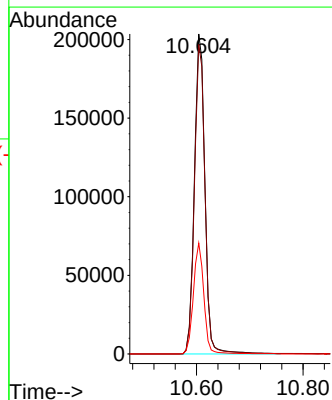
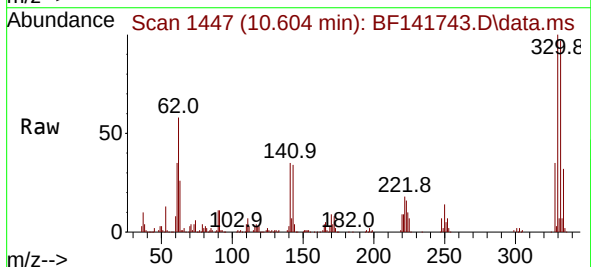
Instrument :
BNA_F
ClientSampleId :
TP7

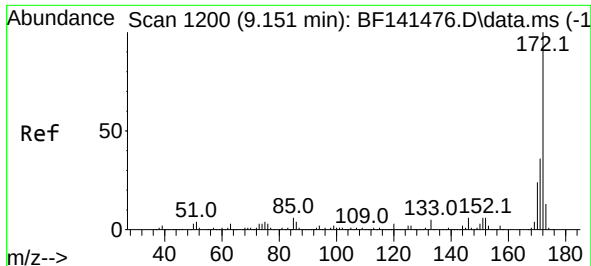
Tgt Ion:164 Resp: 200120
Ion Ratio Lower Upper
164 100
162 102.2 81.3 121.9
160 44.9 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 139.271 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.023 min
Lab File: BF141743.D
Acq: 24 Feb 2025 14:40

Tgt Ion:330 Resp: 279975
Ion Ratio Lower Upper
330 100
332 96.9 78.5 117.7
141 34.5 31.0 46.4





#45

2-Fluorobiphenyl

Concen: 91.638 ng

RT: 9.133 min Scan# 1197

Delta R.T. -0.018 min

Lab File: BF141743.D

Acq: 24 Feb 2025 14:40

Instrument :

BNA_F

ClientSampleId :

TP7

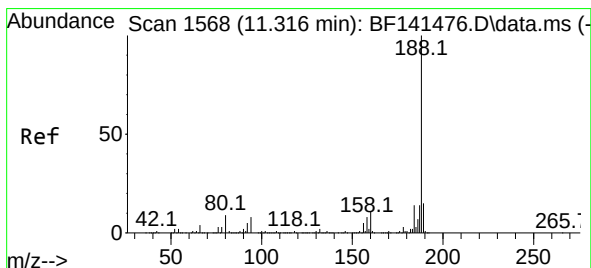
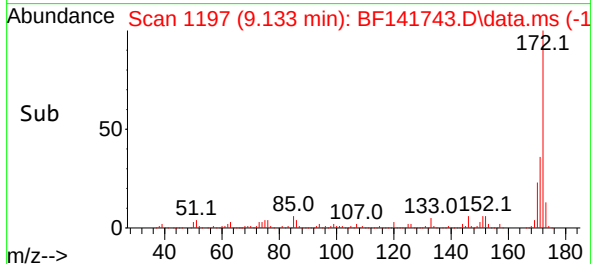
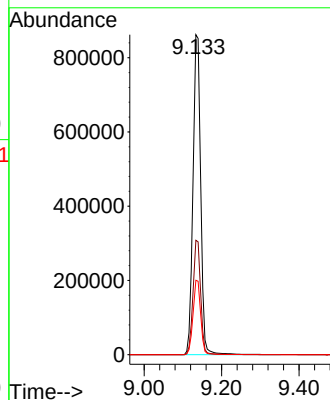
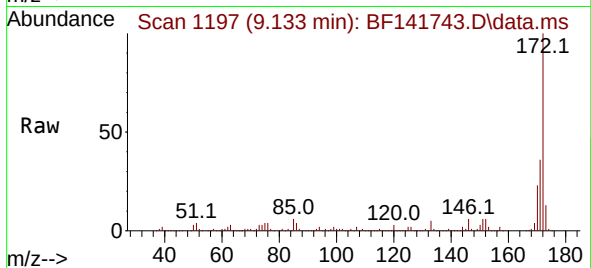
Tgt Ion:172 Resp: 1190318

Ion Ratio Lower Upper

172 100

171 35.8 28.7 43.1

170 23.2 18.9 28.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1565

Delta R.T. -0.018 min

Lab File: BF141743.D

Acq: 24 Feb 2025 14:40

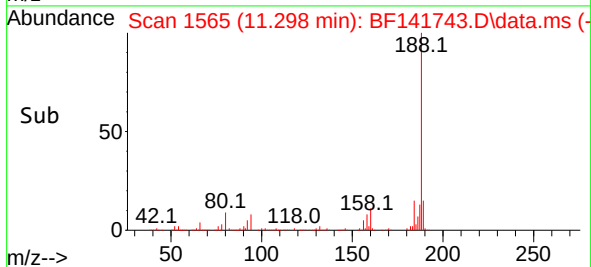
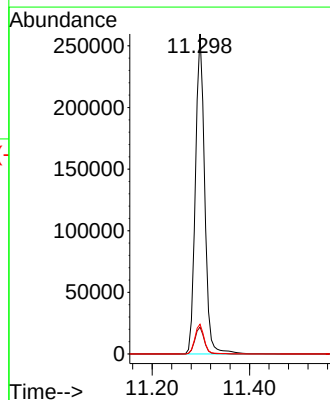
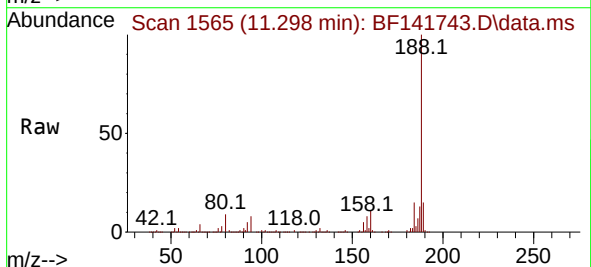
Tgt Ion:188 Resp: 345232

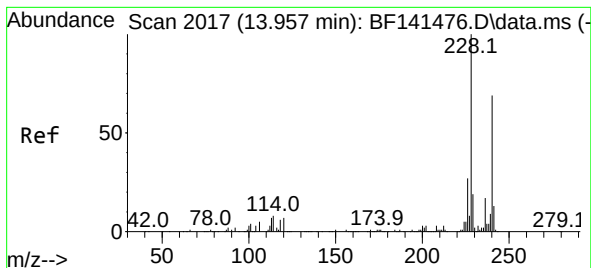
Ion Ratio Lower Upper

188 100

94 8.4 6.6 10.0

80 9.3 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2017

Delta R.T. -0.023 min

Lab File: BF141743.D

Acq: 24 Feb 2025 14:40

Instrument :

BNA_F

ClientSampleId :

TP7

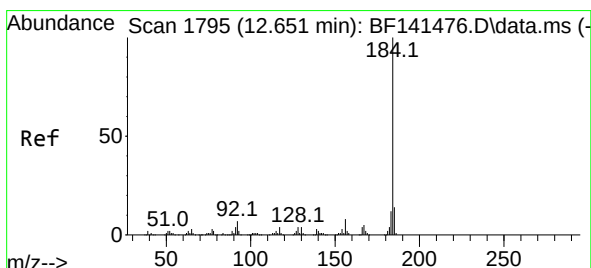
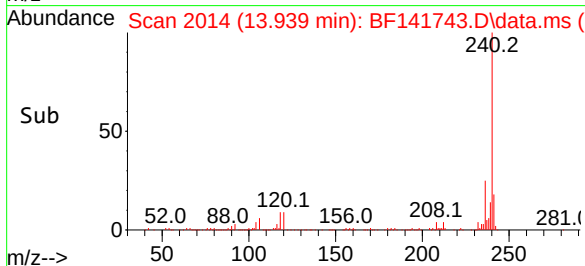
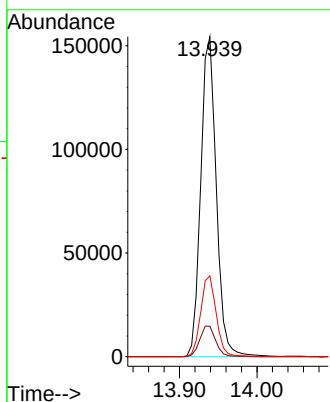
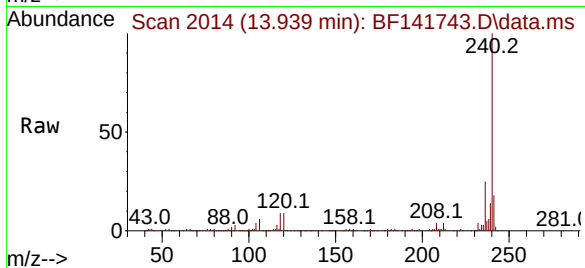
Tgt Ion:240 Resp: 214922

Ion Ratio Lower Upper

240 100

120 9.5 8.0 12.0

236 25.3 19.8 29.8



#77

Benidine

Concen: 5.604 ng

RT: 12.645 min Scan# 1794

Delta R.T. -0.012 min

Lab File: BF141743.D

Acq: 24 Feb 2025 14:40

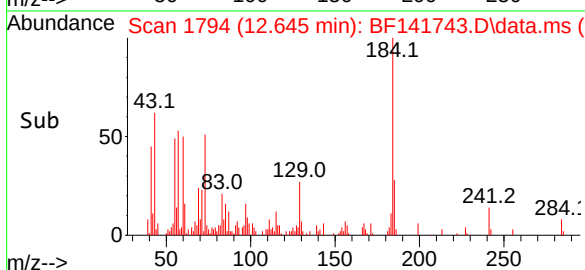
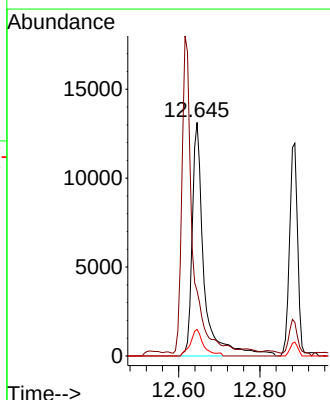
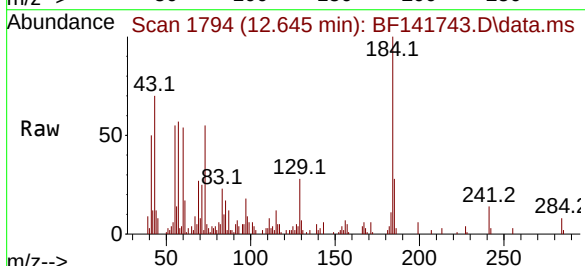
Tgt Ion:184 Resp: 26565

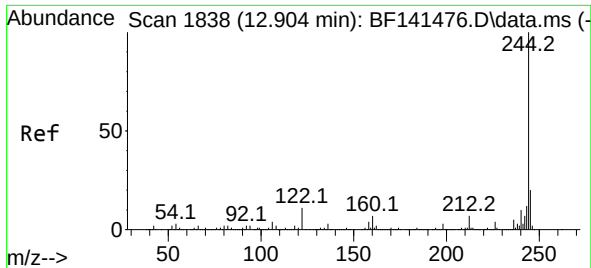
Ion Ratio Lower Upper

184 100

185 27.9 11.3 16.9#

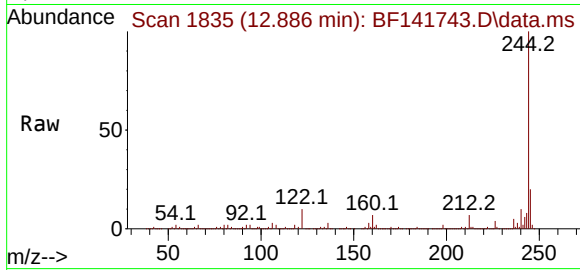
183 11.3 9.3 13.9



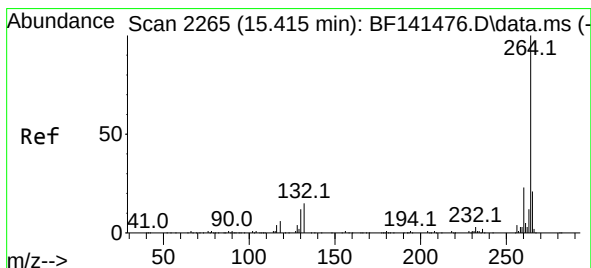
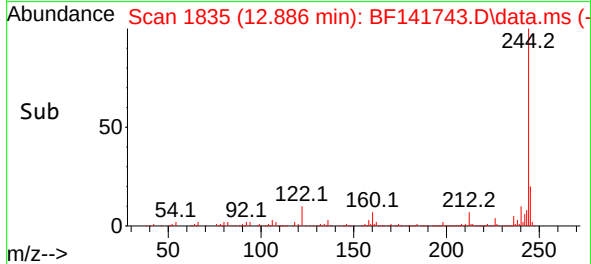
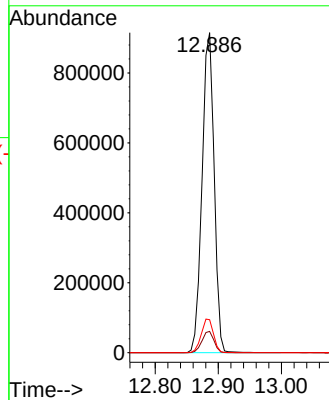


#79
Terphenyl-d14
Concen: 95.856 ng
RT: 12.886 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141743.D
Acq: 24 Feb 2025 14:40

Instrument :
BNA_F
ClientSampleId :
TP7



Tgt Ion:244 Resp: 1220342
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 10.3 8.4 12.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.380 min Scan# 2259
Delta R.T. -0.035 min
Lab File: BF141743.D
Acq: 24 Feb 2025 14:40

Tgt Ion:264 Resp: 213887
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 21.1 17.0 25.4

