

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142261.D
 Acq On : 01 May 2025 15:34
 Operator : RC/JU
 Sample : Q1915-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-04282025

Quant Time: May 01 16:06:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	210959	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	797035	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	392717	20.000	ng	-0.01
64) Phenanthrene-d10	11.427	188	545118	20.000	ng	0.00
76) Chrysene-d12	14.062	240	445392	20.000	ng	-0.01
86) Perylene-d12	15.556	264	444396	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1332052	100.843	ng	0.01
7) Phenol-d6	6.522	99	1461054	91.596	ng	0.00
23) Nitrobenzene-d5	7.469	82	1053543	86.841	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	416794	116.418	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2097570	75.309	ng	0.00
79) Terphenyl-d14	13.015	244	1769965	57.797	ng	0.00

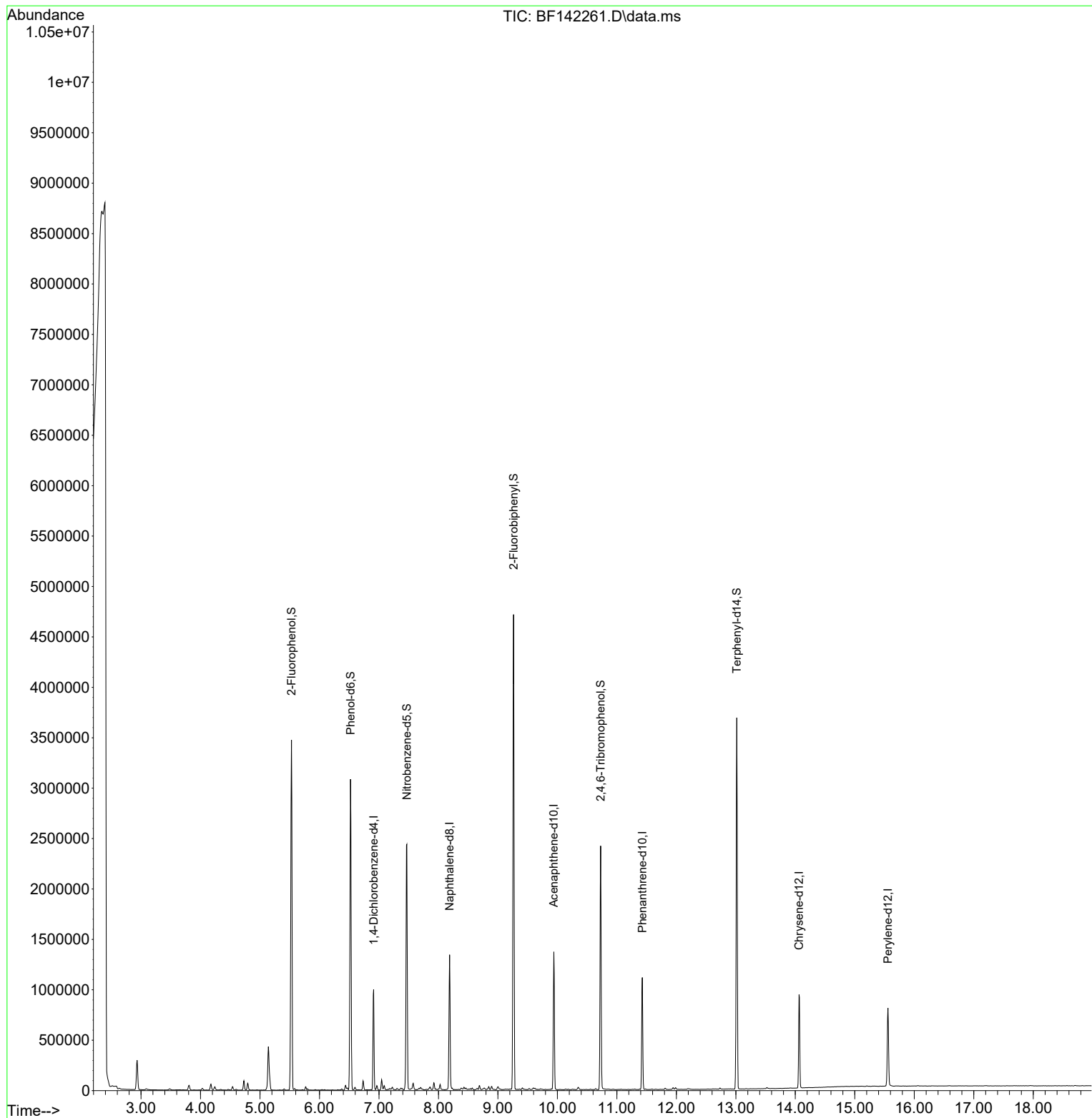
Target Compounds	Qvalue

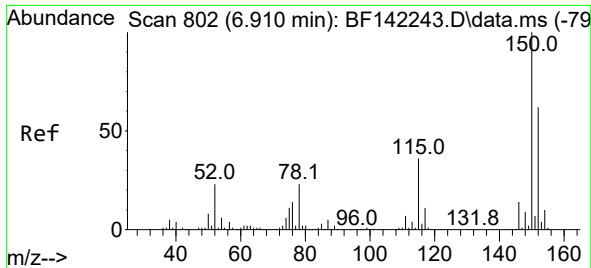
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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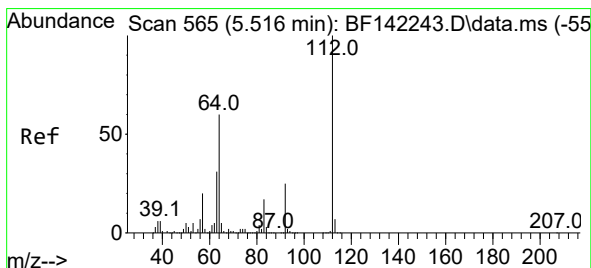
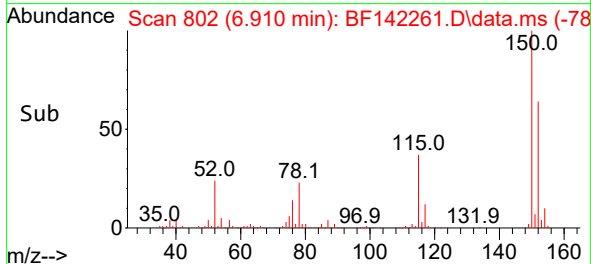
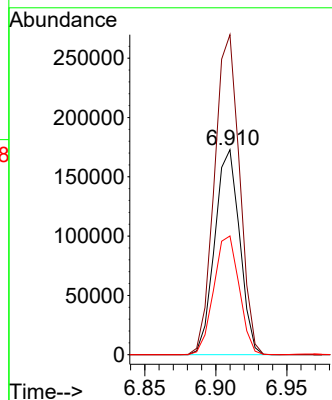
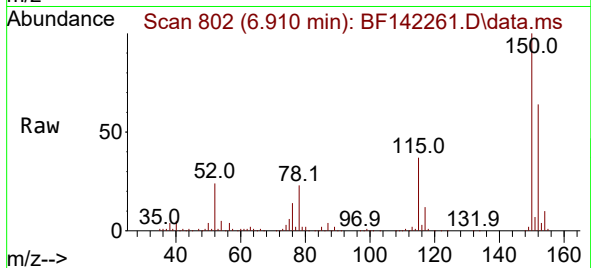




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF142261.D
 Acq: 01 May 2025 15:34

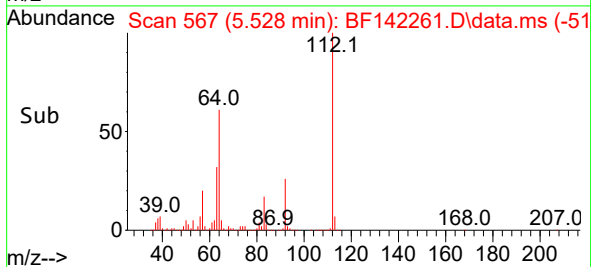
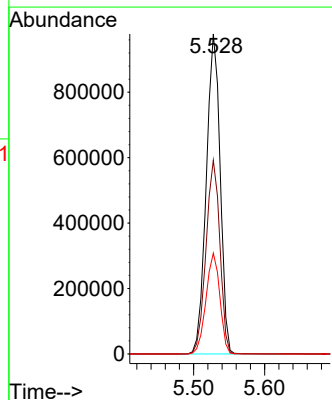
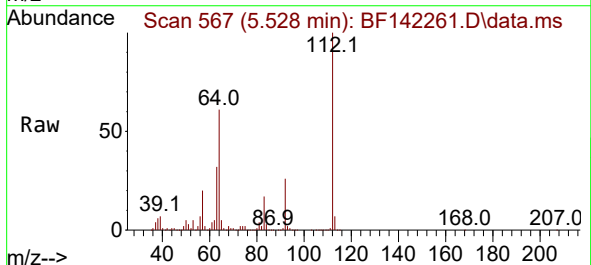
Instrument :
 BNA_F
 ClientSampleId :
 WC-04282025

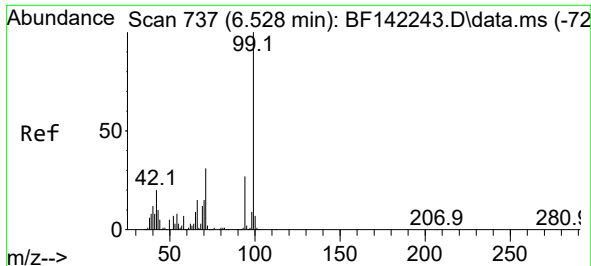
Tgt Ion:152 Resp: 210959
 Ion Ratio Lower Upper
 152 100
 150 156.1 130.2 195.2
 115 57.9 47.0 70.4



#5
 2-Fluorophenol
 Concen: 100.843 ng
 RT: 5.528 min Scan# 567
 Delta R.T. 0.011 min
 Lab File: BF142261.D
 Acq: 01 May 2025 15:34

Tgt Ion:112 Resp: 1332052
 Ion Ratio Lower Upper
 112 100
 64 60.6 48.4 72.6
 63 31.5 24.8 37.2

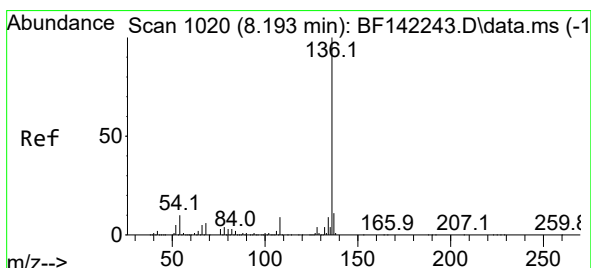
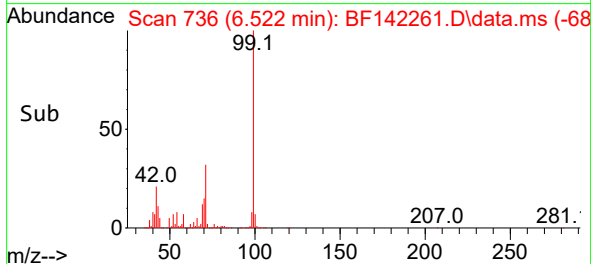
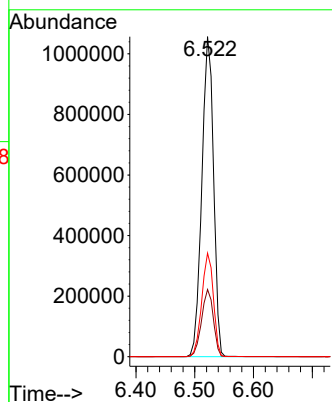
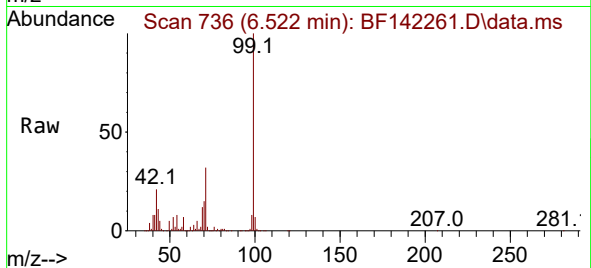




#7
Phenol-d6
Concen: 91.596 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142261.D
Acq: 01 May 2025 15:34

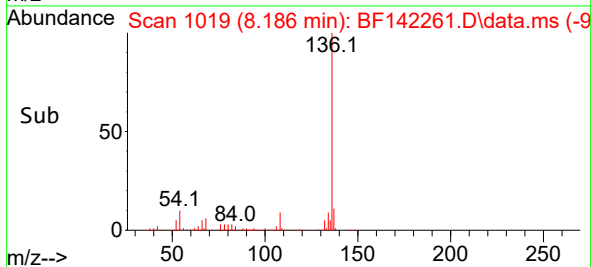
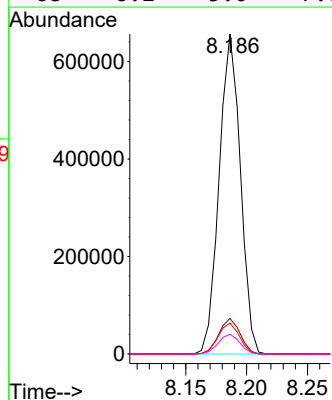
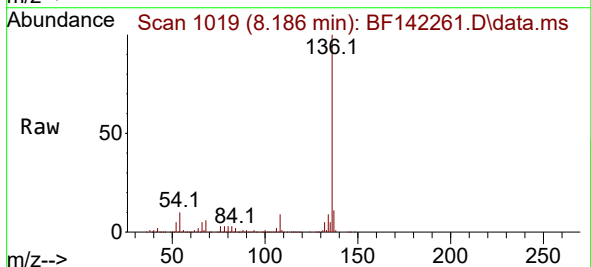
Instrument :
BNA_F
ClientSampleId :
WC-04282025

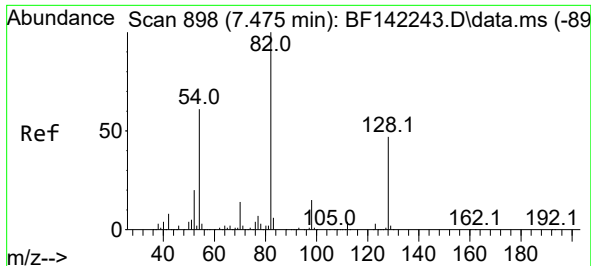
Tgt Ion: 99 Resp: 1461054
Ion Ratio Lower Upper
99 100
42 21.0 16.3 24.5
71 32.4 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.007 min
Lab File: BF142261.D
Acq: 01 May 2025 15:34

Tgt Ion:136 Resp: 797035
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 9.7 7.7 11.5
68 6.2 5.0 7.6





#23

Nitrobenzene-d5

Concen: 86.841 ng

RT: 7.469 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142261.D

Acq: 01 May 2025 15:34

Instrument :

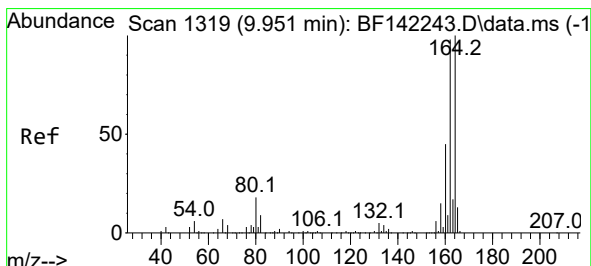
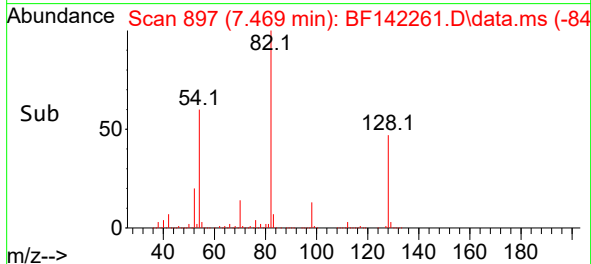
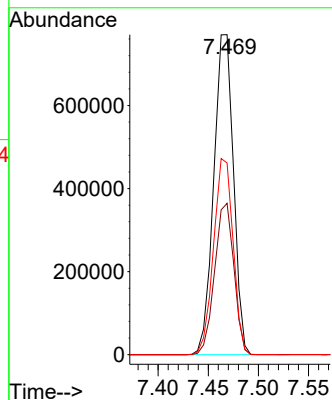
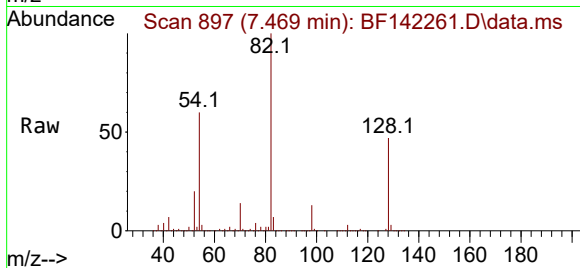
BNA_F

ClientSampleId :

WC-04282025

Tgt Ion: 82 Resp: 1053543

Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.0	55.6
54	59.9	48.0	72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

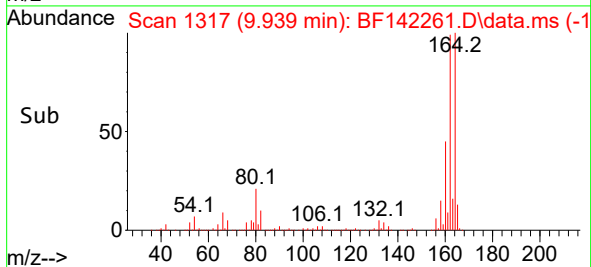
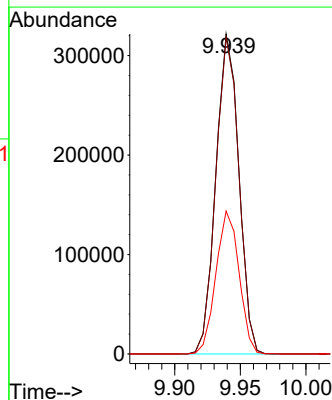
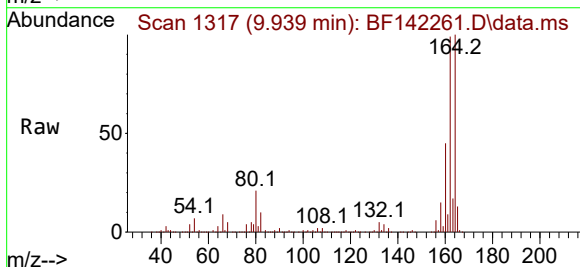
Delta R.T. -0.012 min

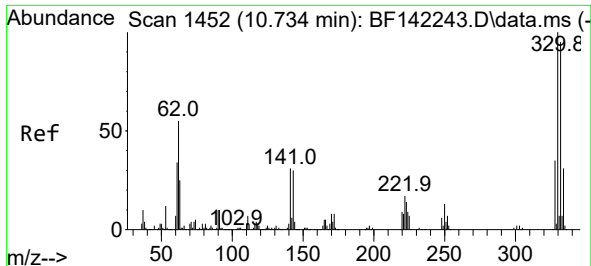
Lab File: BF142261.D

Acq: 01 May 2025 15:34

Tgt Ion:164 Resp: 392717

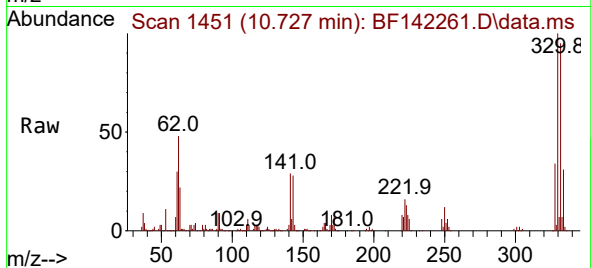
Ion	Ratio	Lower	Upper
164	100		
162	98.9	78.6	117.8
160	44.7	35.7	53.5



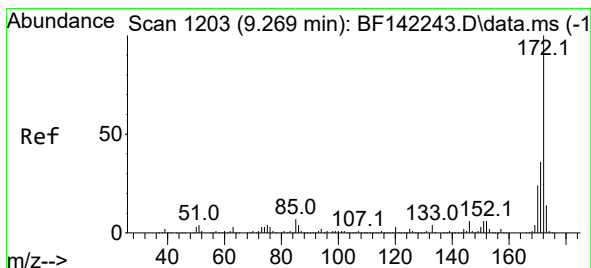
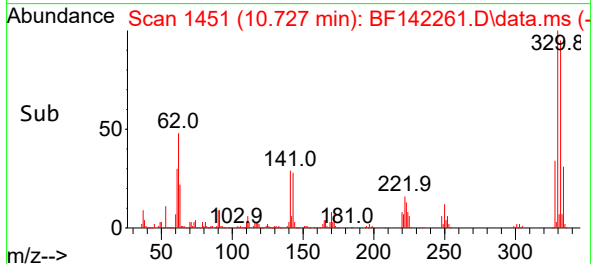
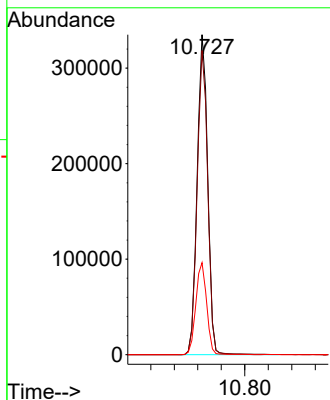


#42
2,4,6-Tribromophenol
Concen: 116.418 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142261.D
Acq: 01 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
WC-04282025

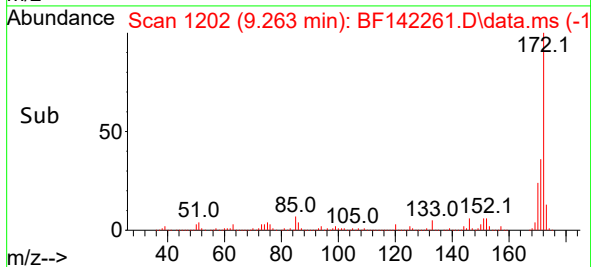
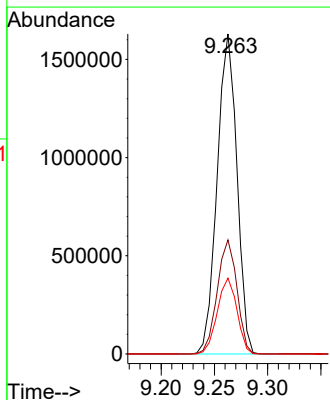
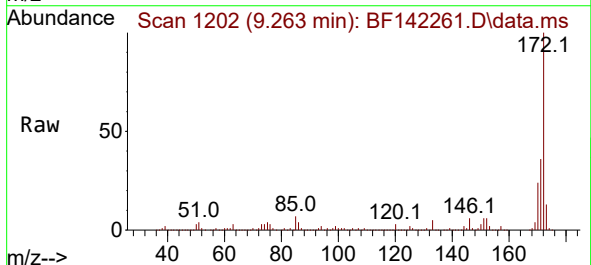


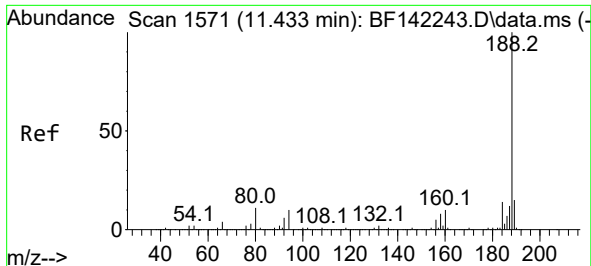
Tgt Ion:330 Resp: 416794
Ion Ratio Lower Upper
330 100
332 95.2 76.5 114.7
141 29.5 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 75.309 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF142261.D
Acq: 01 May 2025 15:34

Tgt Ion:172 Resp: 2097570
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.4
170 23.7 19.4 29.0

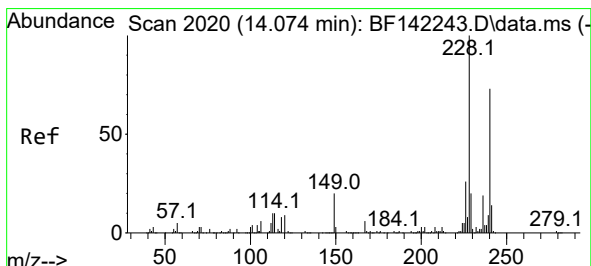
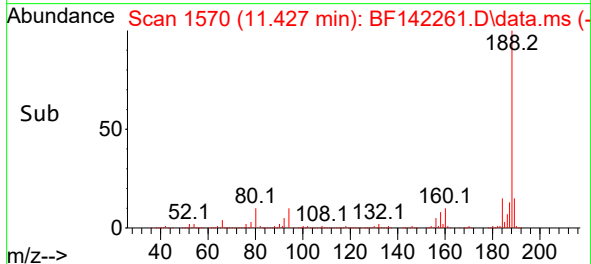
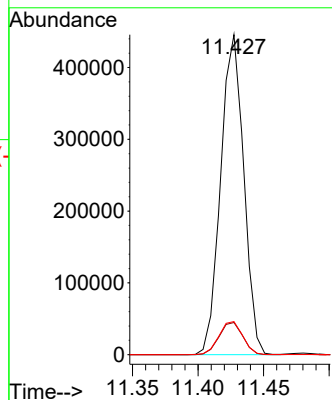
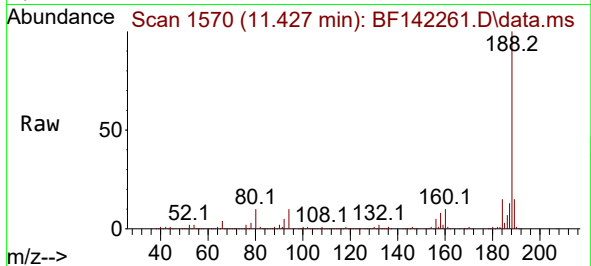




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142261.D
Acq: 01 May 2025 15:34

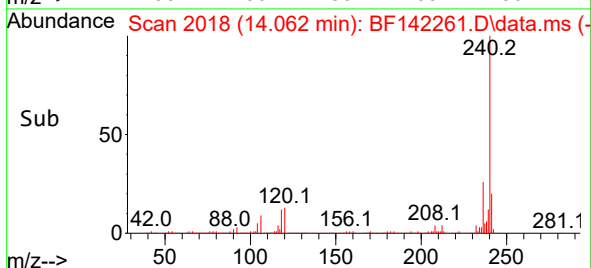
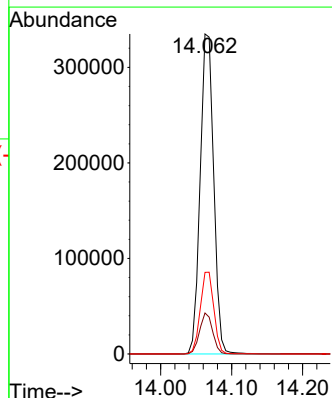
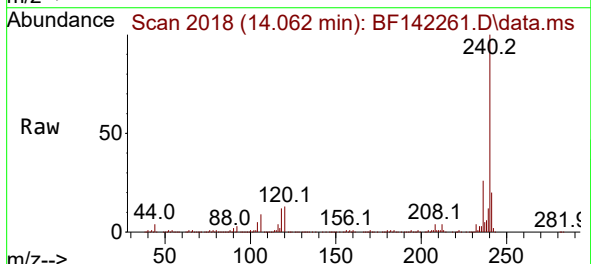
Instrument :
BNA_F
ClientSampleId :
WC-04282025

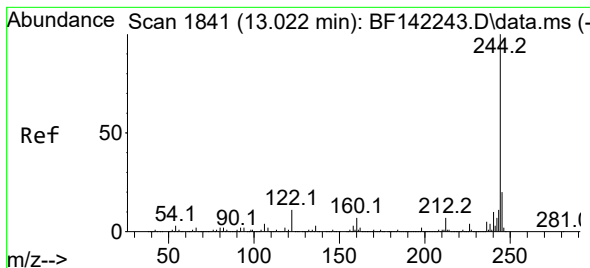
Tgt Ion:188 Resp: 545118
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.2
80 10.3 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142261.D
Acq: 01 May 2025 15:34

Tgt Ion:240 Resp: 445392
Ion Ratio Lower Upper
240 100
120 12.8 10.1 15.1
236 25.5 20.5 30.7





#79

Terphenyl-d14

Concen: 57.797 ng

RT: 13.015 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF142261.D

Acq: 01 May 2025 15:34

Instrument :

BNA_F

ClientSampleId :

WC-04282025

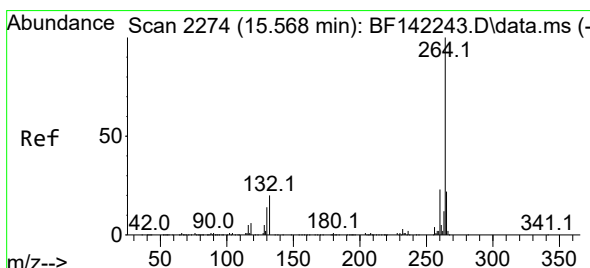
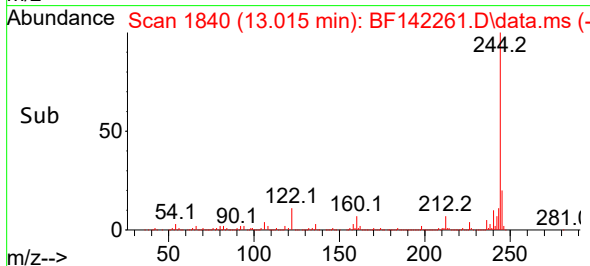
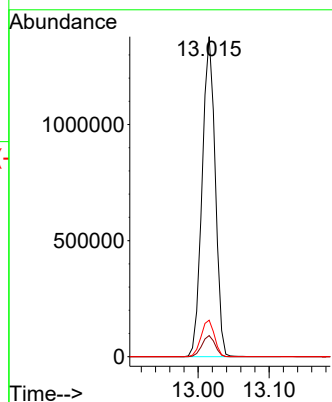
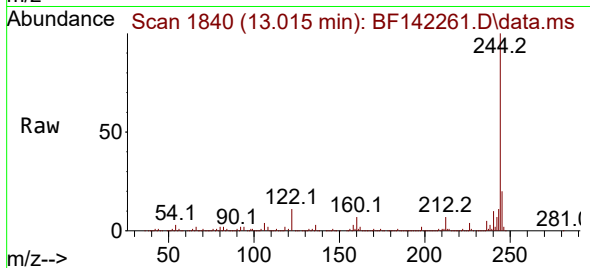
Tgt Ion:244 Resp: 1769965

Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

122 11.4 9.1 13.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.556 min Scan# 2272

Delta R.T. -0.012 min

Lab File: BF142261.D

Acq: 01 May 2025 15:34

Tgt Ion:264 Resp: 444396

Ion Ratio Lower Upper

264 100

260 23.1 18.4 27.6

265 21.7 17.3 25.9

