

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141330.D
 Acq On : 31 Jan 2025 14:20
 Operator : RC/JU
 Sample : Q1209-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-4

Quant Time: Jan 31 14:45:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	153336	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	616960	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	337355	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	594149	20.000	ng	0.00
76) Chrysene-d12	13.962	240	440726	20.000	ng	-0.01
86) Perylene-d12	15.421	264	316667	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1139237	114.061	ng	0.01
7) Phenol-d6	6.428	99	1325079	104.288	ng	-0.01
23) Nitrobenzene-d5	7.363	82	1008785	86.196	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	423286	136.863	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1802075	82.220	ng	0.00
79) Terphenyl-d14	12.915	244	2003893	70.120	ng	0.00

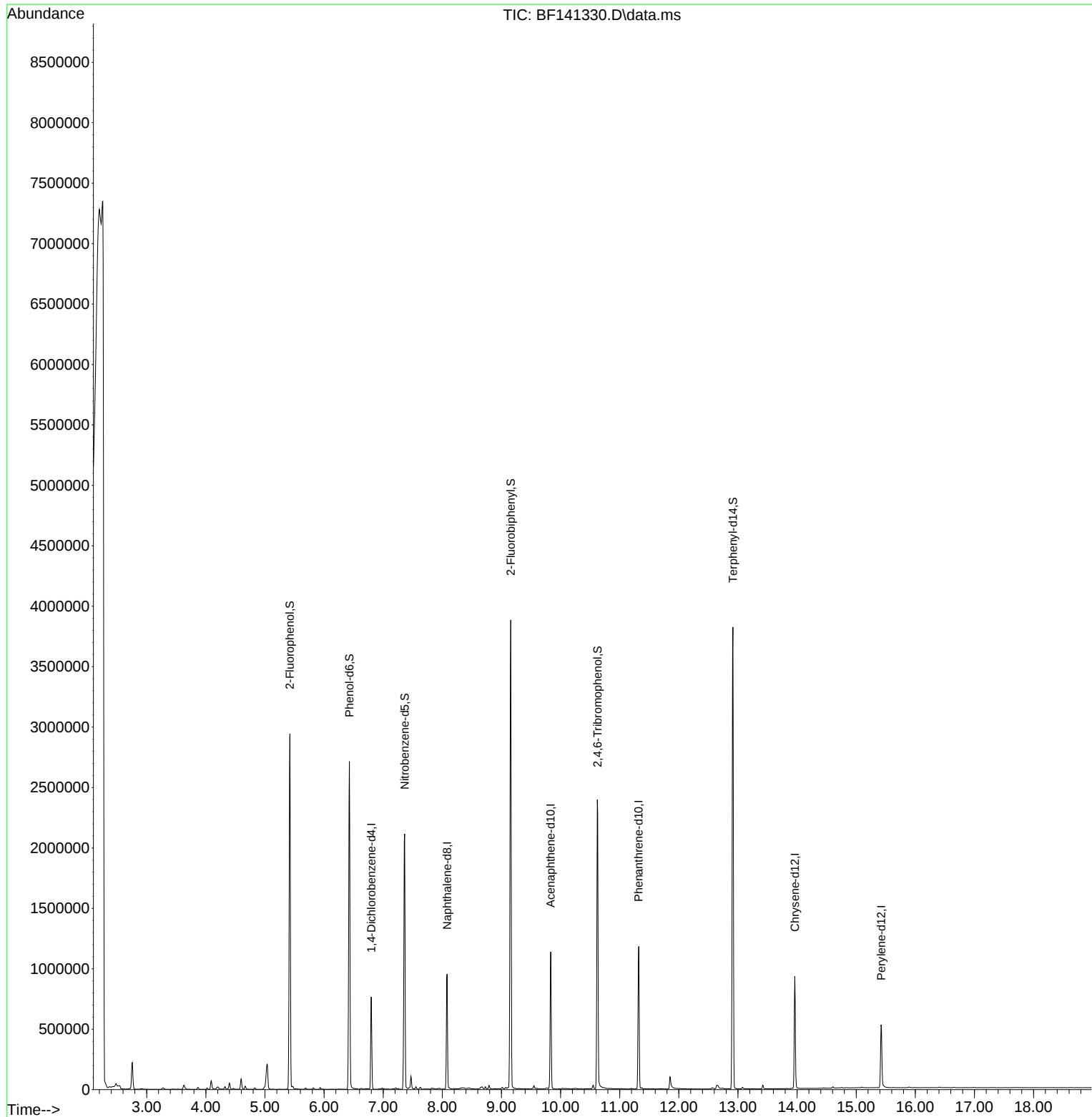
Target Compounds	Qvalue

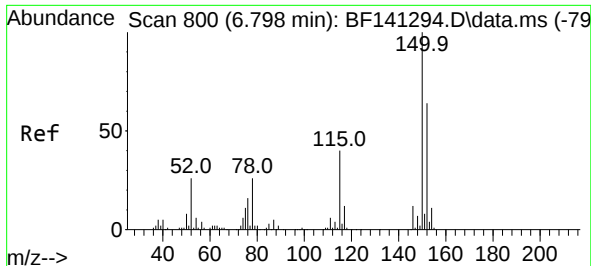
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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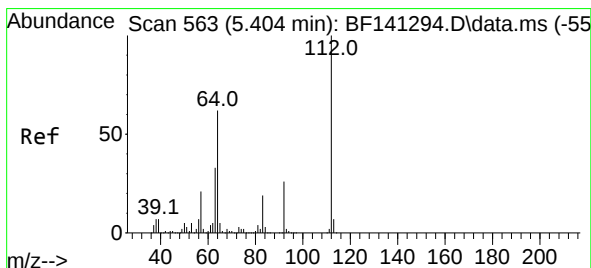
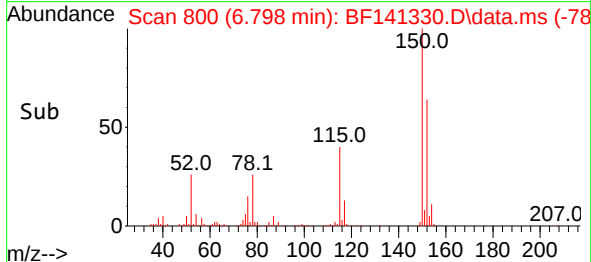
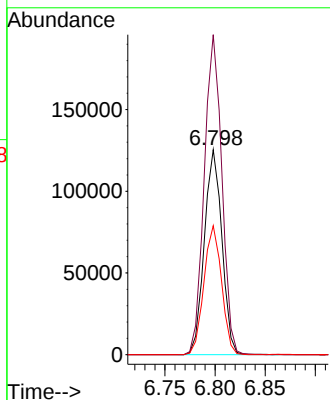
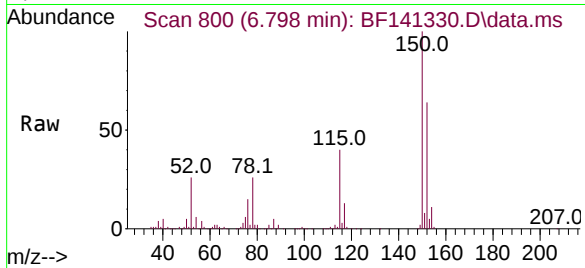




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF141330.D
 Acq: 31 Jan 2025 14:20

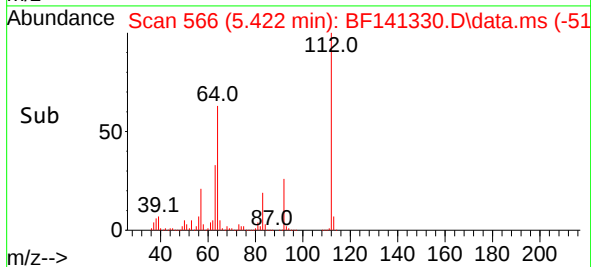
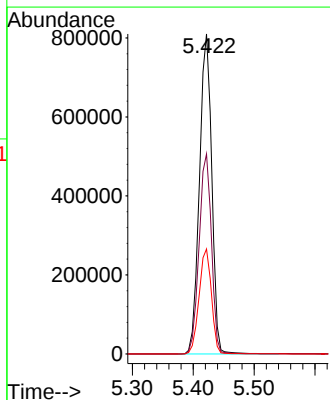
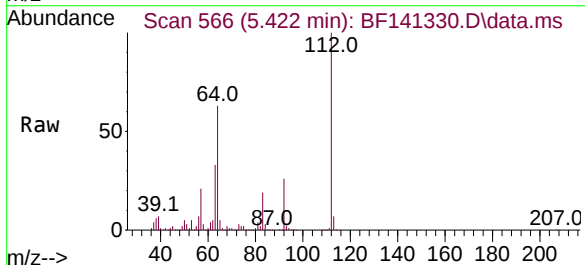
Instrument :
 BNA_F
 ClientSampleId :
 WC-4

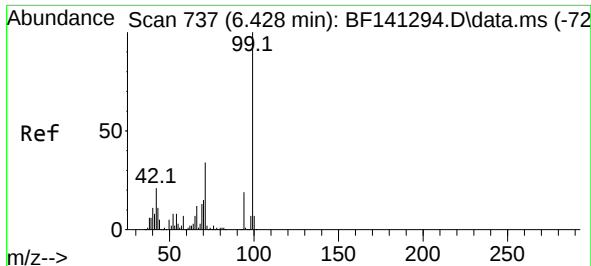
Tgt Ion:152 Resp: 153336
 Ion Ratio Lower Upper
 152 100
 150 156.2 125.9 188.9
 115 63.0 49.7 74.5



#5
 2-Fluorophenol
 Concen: 114.061 ng
 RT: 5.422 min Scan# 566
 Delta R.T. 0.012 min
 Lab File: BF141330.D
 Acq: 31 Jan 2025 14:20

Tgt Ion:112 Resp: 1139237
 Ion Ratio Lower Upper
 112 100
 64 62.5 49.8 74.8
 63 32.8 26.1 39.1





#7
Phenol-d6
Concen: 104.288 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141330.D
Acq: 31 Jan 2025 14:20

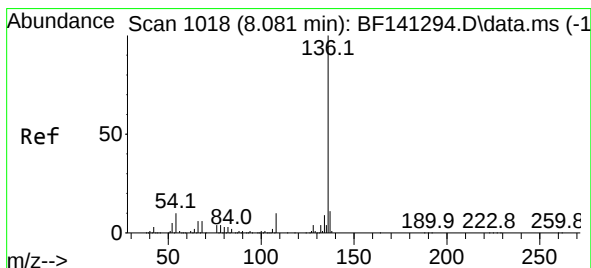
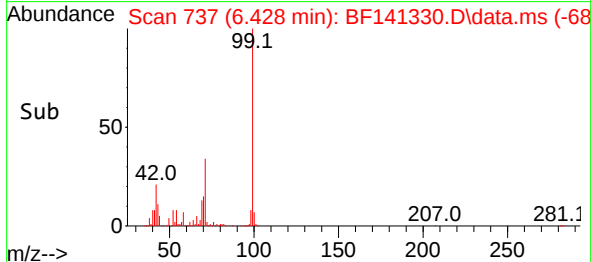
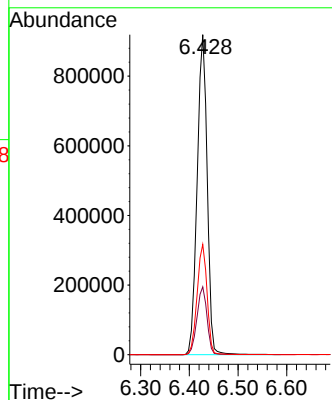
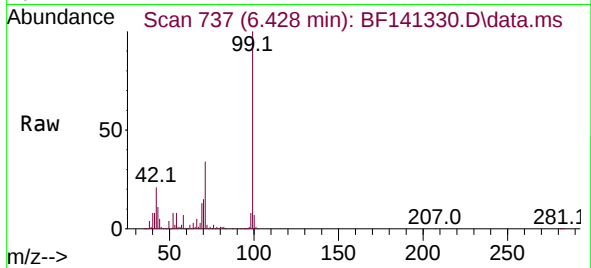
Instrument :

BNA_F

ClientSampleId :

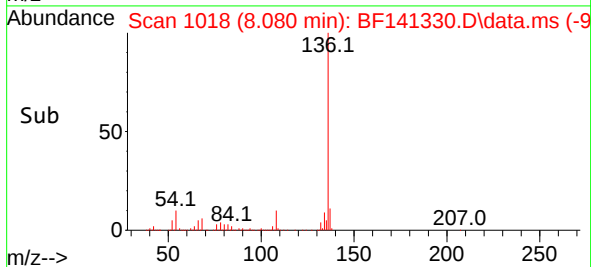
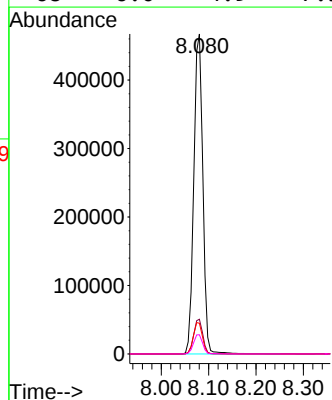
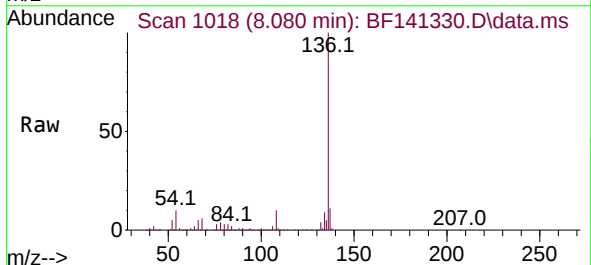
WC-4

Tgt Ion: 99 Resp: 1325079
Ion Ratio Lower Upper
99 100
42 21.2 17.1 25.7
71 34.4 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141330.D
Acq: 31 Jan 2025 14:20

Tgt Ion:136 Resp: 616960
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.6 7.8 11.8
68 6.0 4.9 7.3

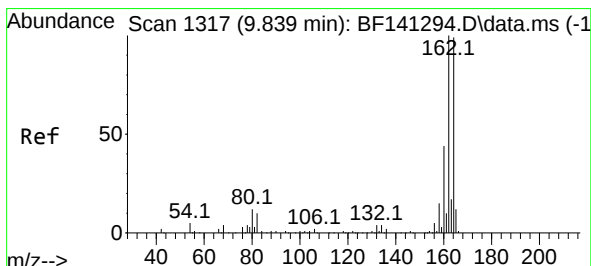
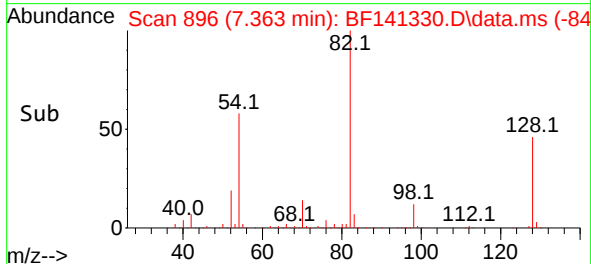
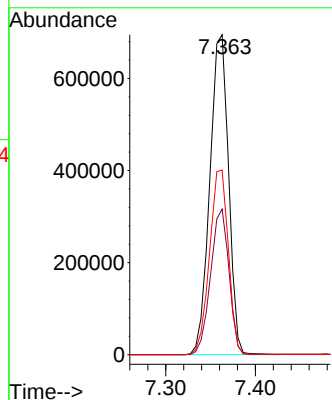
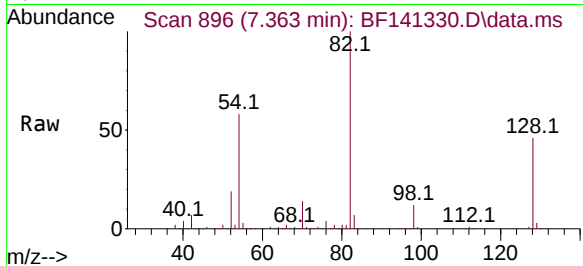




#23
Nitrobenzene-d5
Concen: 86.196 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF141330.D
Acq: 31 Jan 2025 14:20

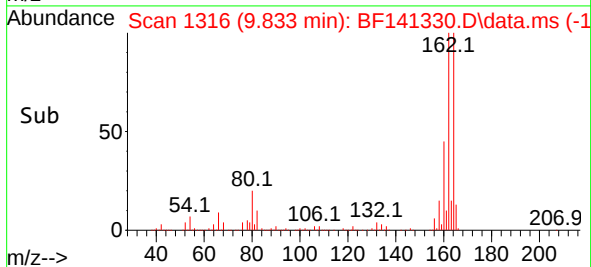
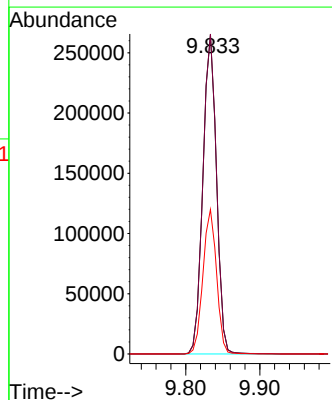
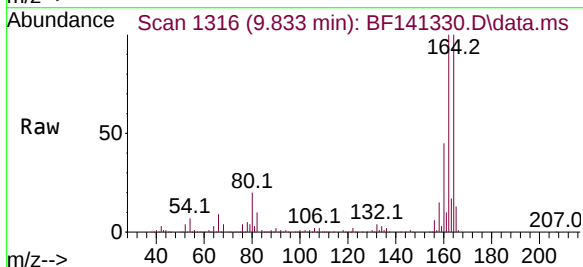
Instrument :
BNA_F
ClientSampleId :
WC-4

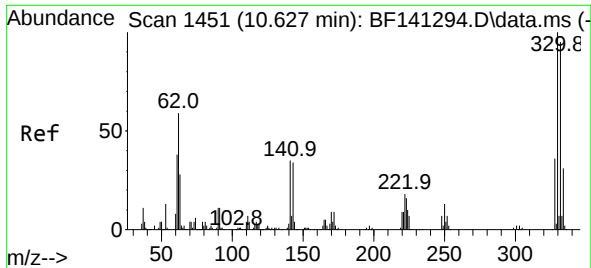
Tgt Ion: 82 Resp: 1008785
Ion Ratio Lower Upper
82 100
128 45.5 35.7 53.5
54 57.7 47.1 70.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF141330.D
Acq: 31 Jan 2025 14:20

Tgt Ion:164 Resp: 337355
Ion Ratio Lower Upper
164 100
162 100.2 80.6 121.0
160 45.2 35.8 53.6

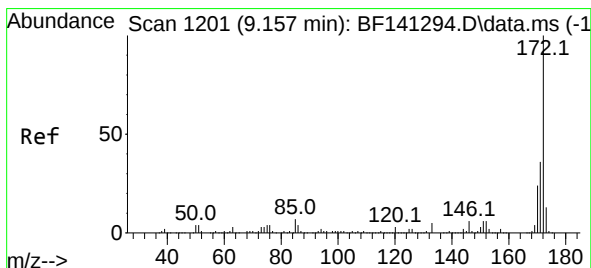
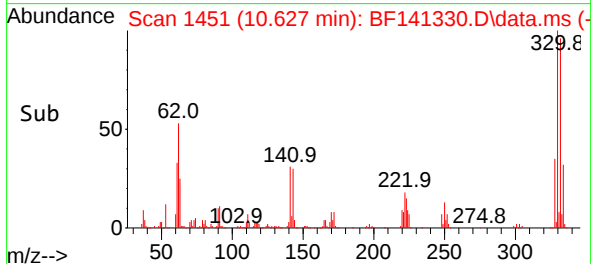
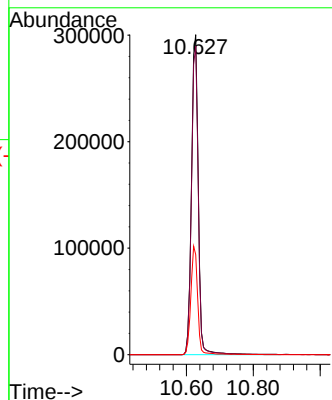
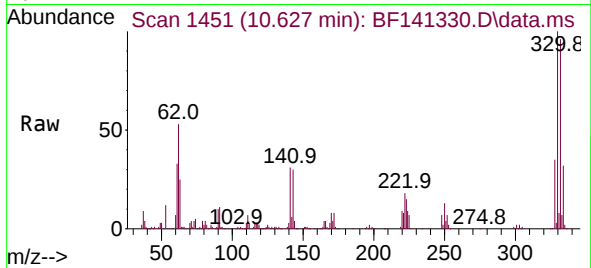




#42
2,4,6-Tribromophenol
Concen: 136.863 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141330.D
Acq: 31 Jan 2025 14:20

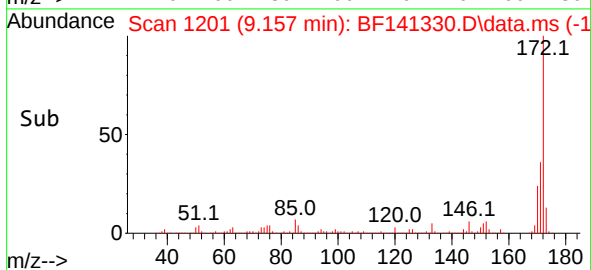
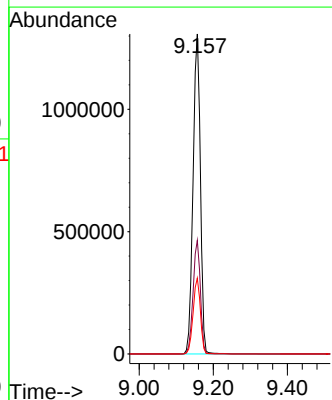
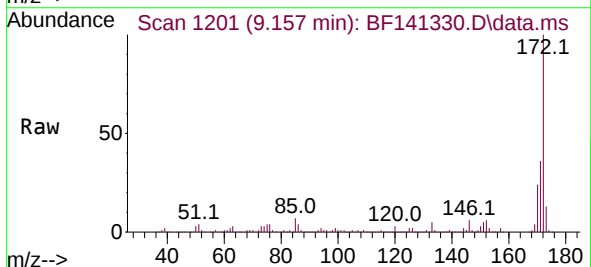
Instrument :
BNA_F
ClientSampleId :
WC-4

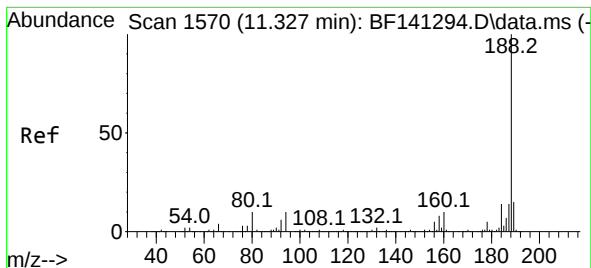
Tgt Ion:330 Resp: 423286
Ion Ratio Lower Upper
330 100
332 96.2 76.1 114.1
141 34.0 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 82.220 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF141330.D
Acq: 31 Jan 2025 14:20

Tgt Ion:172 Resp: 1802075
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.7 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.321 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141330.D

Acq: 31 Jan 2025 14:20

Instrument :

BNA_F

ClientSampleId :

WC-4

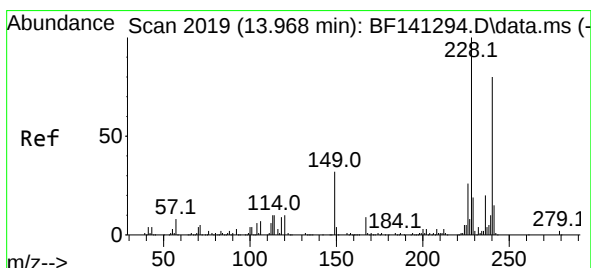
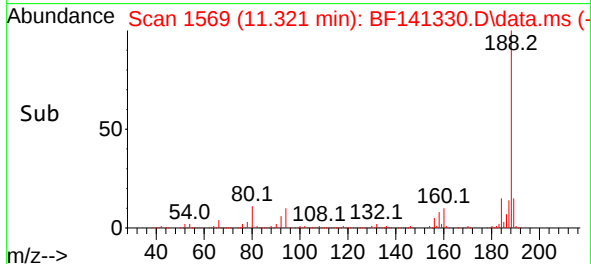
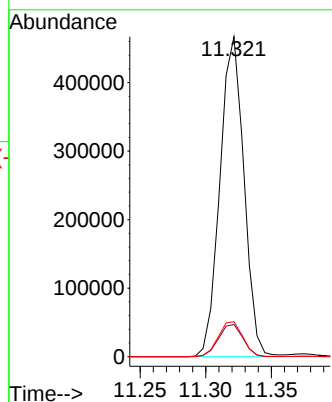
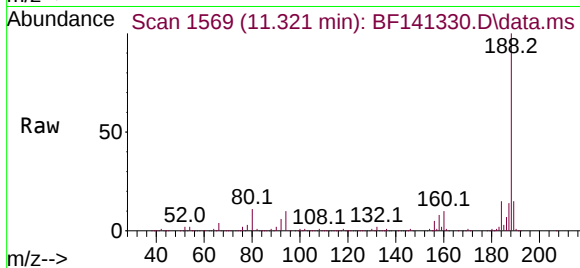
Tgt Ion:188 Resp: 594149

Ion Ratio Lower Upper

188 100

94 10.0 7.8 11.6

80 10.9 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF141330.D

Acq: 31 Jan 2025 14:20

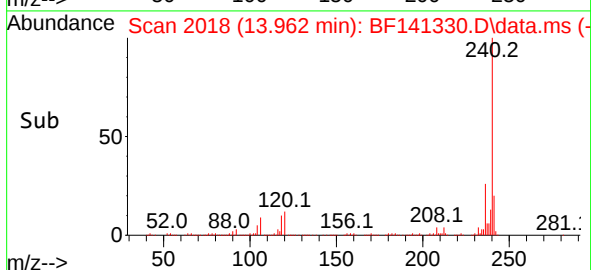
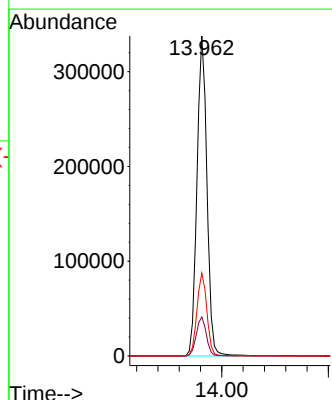
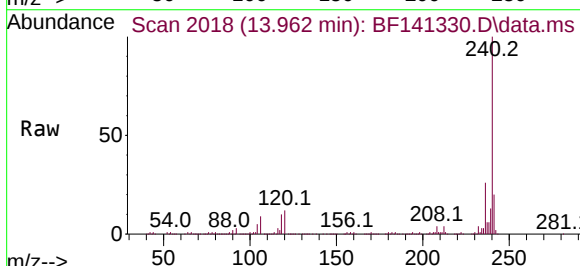
Tgt Ion:240 Resp: 440726

Ion Ratio Lower Upper

240 100

120 12.2 10.0 15.0

236 25.9 19.7 29.5

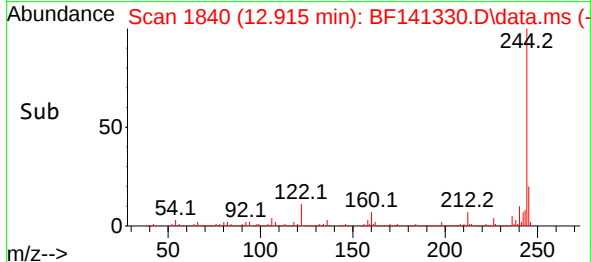
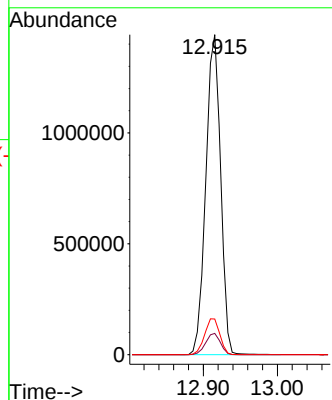
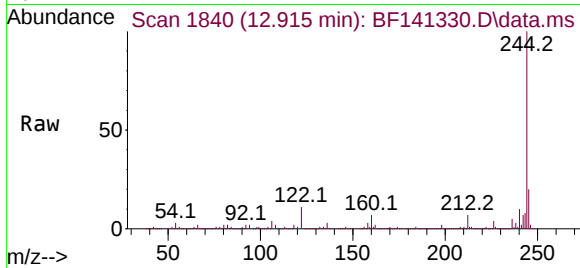




#79
 Terphenyl-d14
 Concen: 70.120 ng
 RT: 12.915 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF141330.D
 Acq: 31 Jan 2025 14:20

Instrument :
 BNA_F
 ClientSampleId :
 WC-4

Tgt Ion:244 Resp: 2003893
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 11.1 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2266
 Delta R.T. -0.018 min
 Lab File: BF141330.D
 Acq: 31 Jan 2025 14:20

Tgt Ion:264 Resp: 316667
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 27.8
 265 21.7 16.7 25.1

