

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141451.D
 Acq On : 05 Feb 2025 17:08
 Operator : RC/JU
 Sample : Q1282-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-WTS-02

Quant Time: Feb 05 17:39:16 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	6.787	152	72278	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	284515	20.000	ng	-0.02
39) Acenaphthene-d10	9.828	164	152157	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	251131	20.000	ng	-0.02
76) Chrysene-d12	13.957	240	141120	20.000	ng	#-0.02
86) Perylene-d12	15.427	264	162119	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	269426	57.227	ng	0.00
7) Phenol-d6	6.428	99	194273	32.437	ng	-0.01
23) Nitrobenzene-d5	7.351	82	539508	99.963	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	194352	139.328	ng	-0.02
45) 2-Fluorobiphenyl	9.151	172	987225	99.866	ng	-0.01
79) Terphenyl-d14	12.904	244	946523	103.438	ng	-0.01

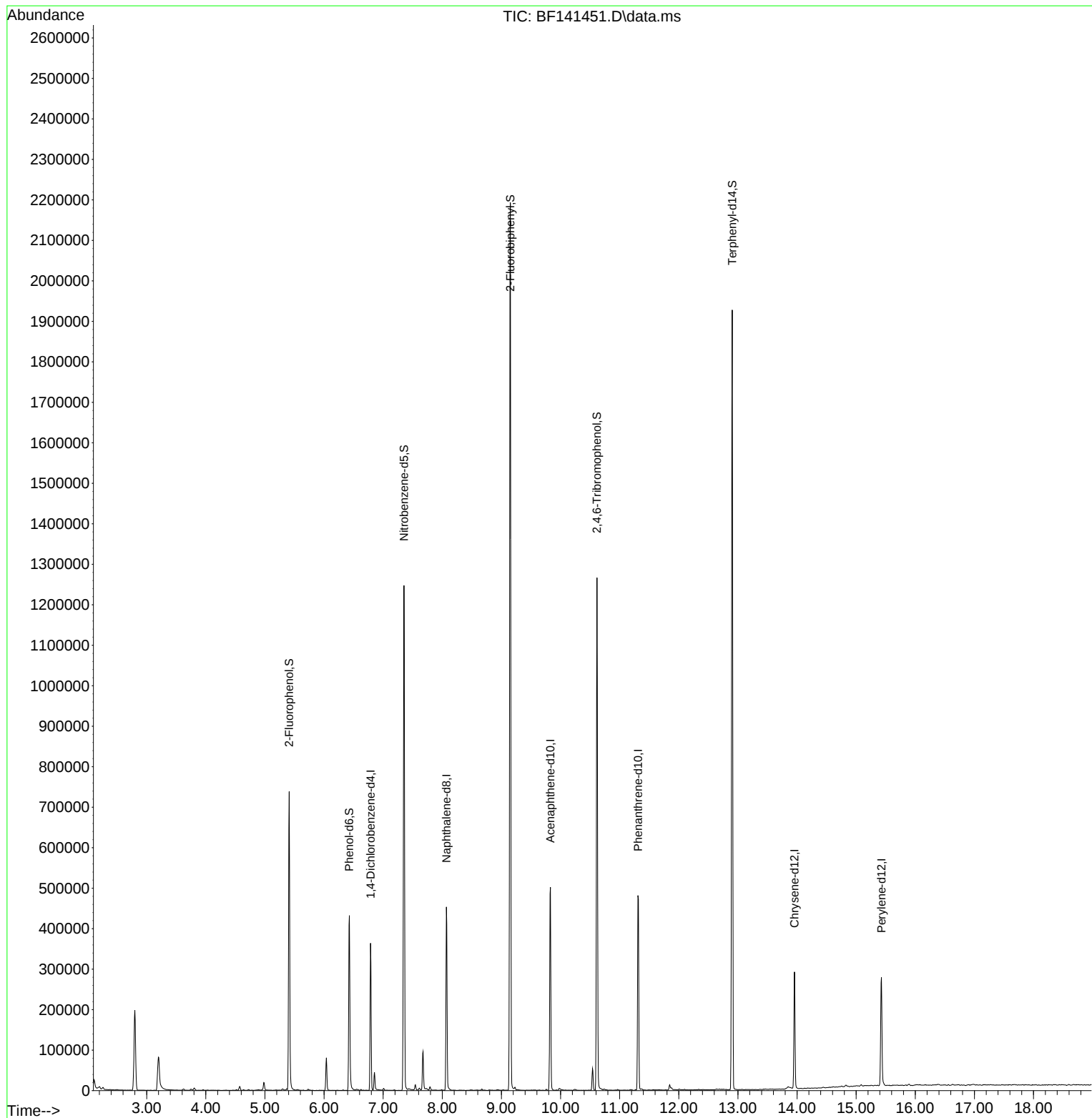
Target Compounds	Qvalue

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

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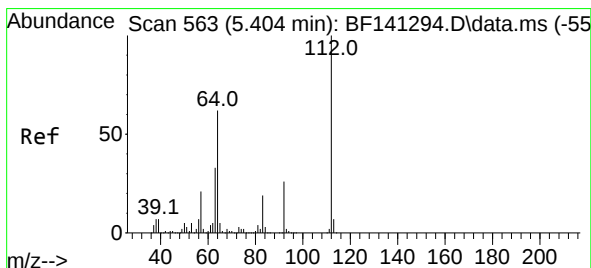
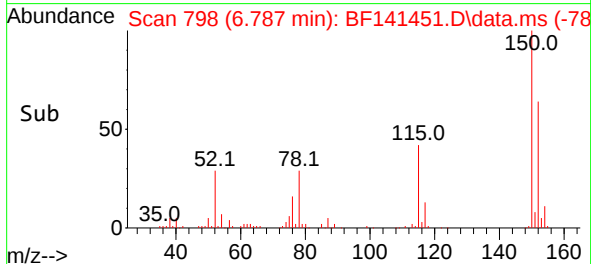
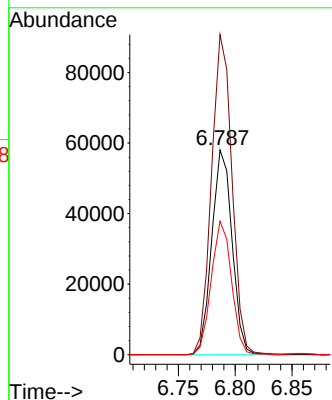
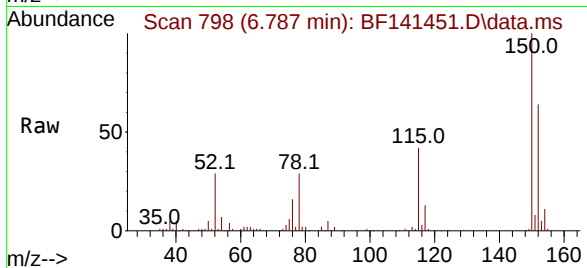




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 71
 Delta R.T. -0.017 min
 Lab File: BF141451.D
 Acq: 05 Feb 2025 17:08

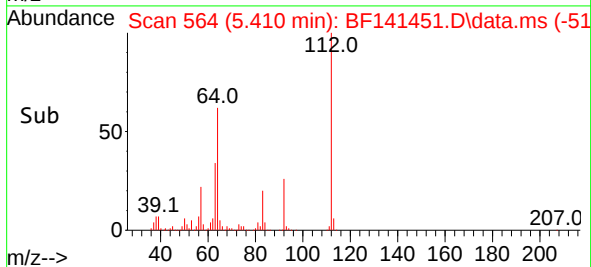
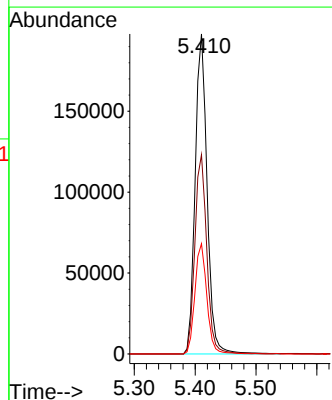
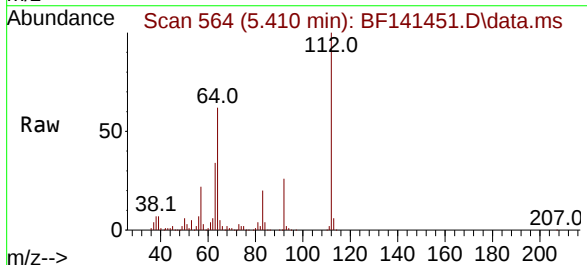
Instrument :
 BNA_F
 ClientSampleId :
 SW-WTS-02

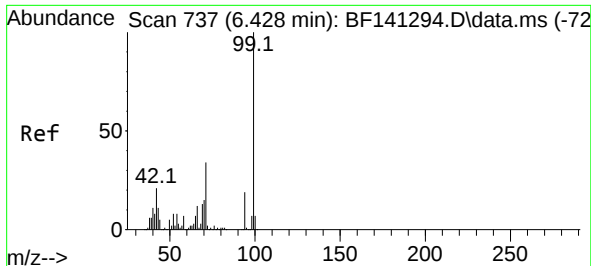
Tgt Ion:152 Resp: 72278
 Ion Ratio Lower Upper
 152 100
 150 156.4 125.9 188.9
 115 65.2 49.7 74.5



#5
 2-Fluorophenol
 Concen: 57.227 ng
 RT: 5.410 min Scan# 564
 Delta R.T. -0.000 min
 Lab File: BF141451.D
 Acq: 05 Feb 2025 17:08

Tgt Ion:112 Resp: 269426
 Ion Ratio Lower Upper
 112 100
 64 62.3 49.8 74.8
 63 34.4 26.1 39.1





#7
Phenol-d6
Concen: 32.437 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141451.D
Acq: 05 Feb 2025 17:08

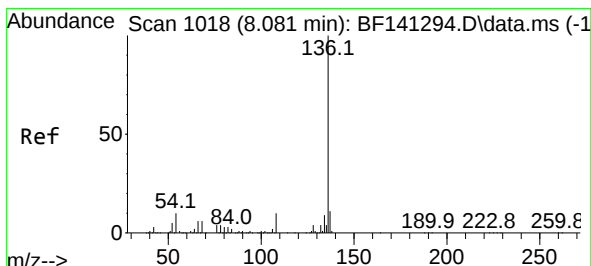
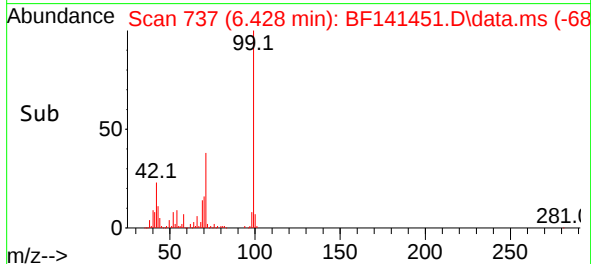
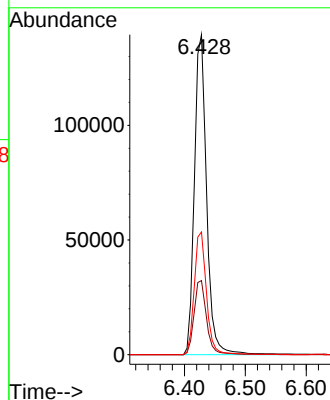
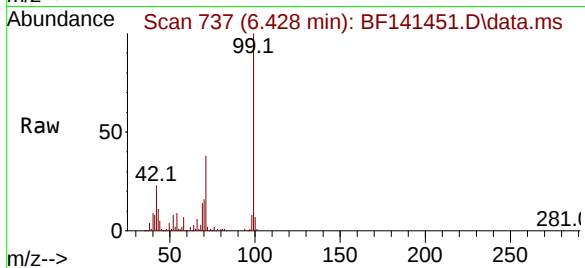
Instrument :

BNA_F

ClientSampleId :

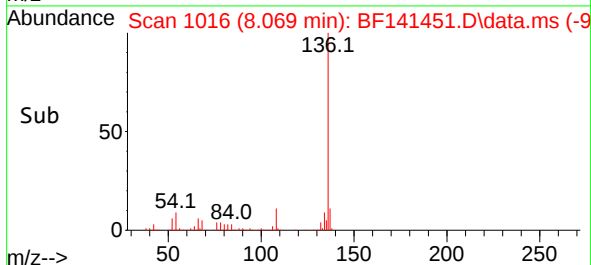
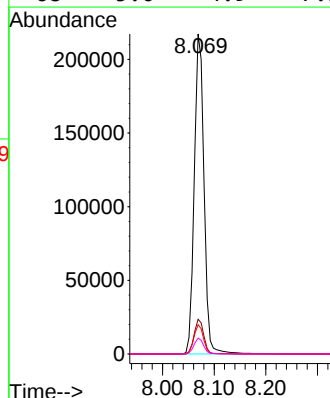
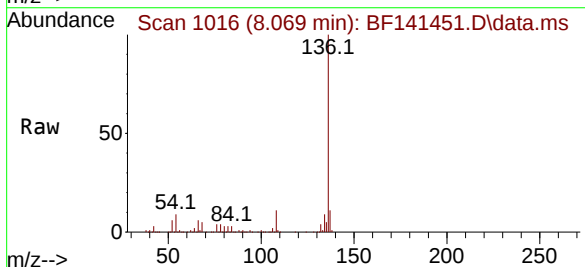
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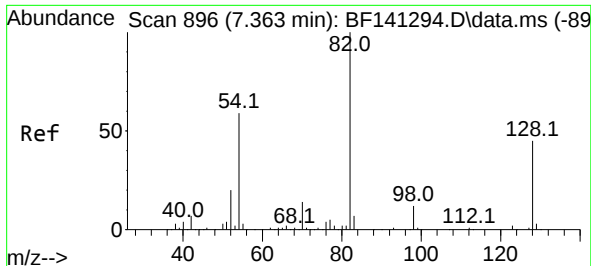
Tgt Ion: 99 Resp: 194273
Ion Ratio Lower Upper
99 100
42 23.1 17.1 25.7
71 38.4 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF141451.D
Acq: 05 Feb 2025 17:08

Tgt Ion: 136 Resp: 284515
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.2 7.8 11.8
68 5.0 4.9 7.3

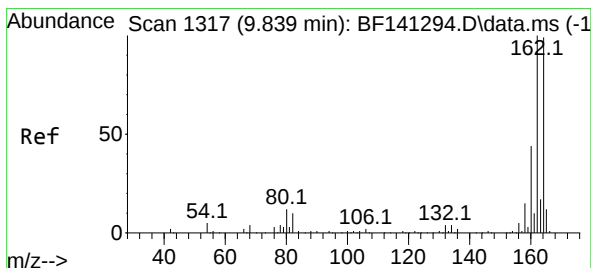
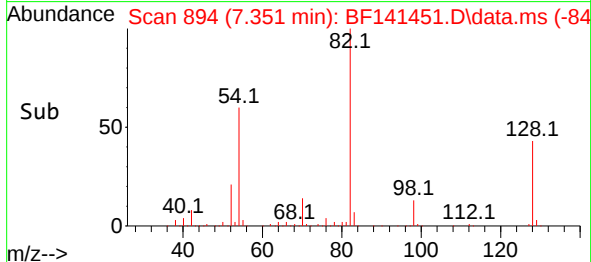
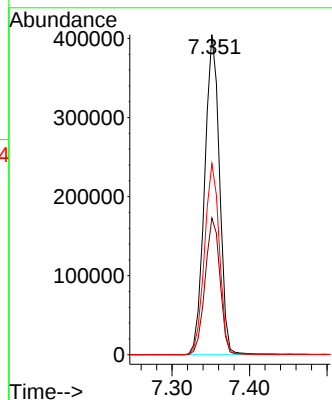
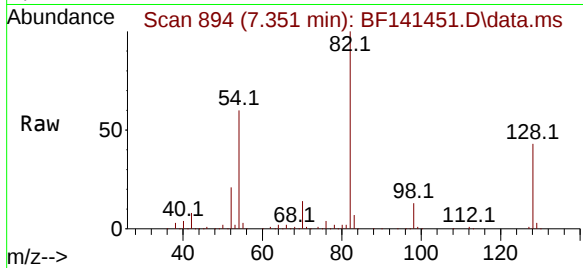




#23
Nitrobenzene-d5
Concen: 99.963 ng
RT: 7.351 min Scan# 896
Delta R.T. -0.018 min
Lab File: BF141451.D
Acq: 05 Feb 2025 17:08

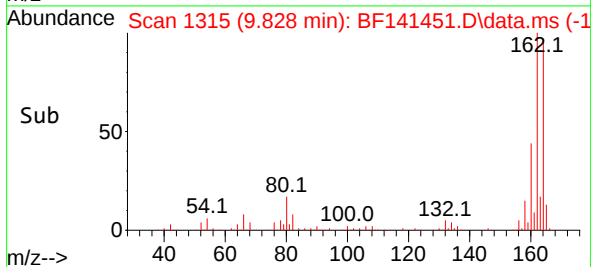
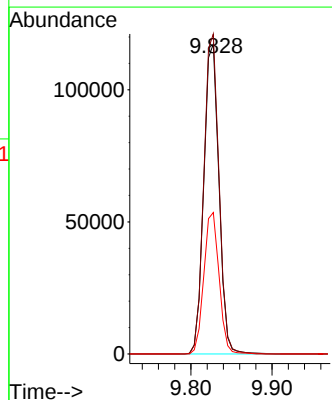
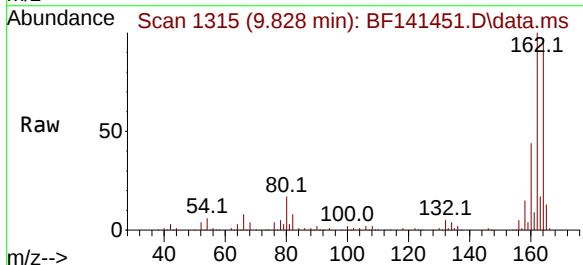
Instrument :
BNA_F
ClientSampleId :
SW-WTS-02

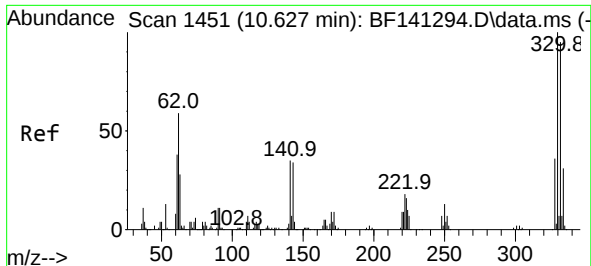
Tgt Ion: 82 Resp: 539508
Ion Ratio Lower Upper
82 100
128 42.8 35.7 53.5
54 59.7 47.1 70.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF141451.D
Acq: 05 Feb 2025 17:08

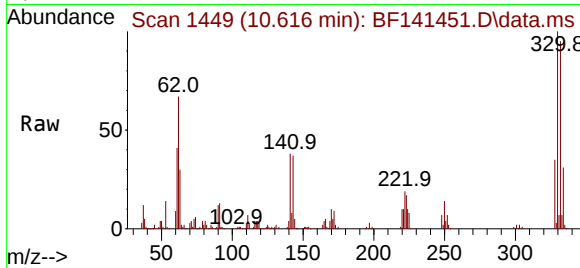
Tgt Ion:164 Resp: 152157
Ion Ratio Lower Upper
164 100
162 103.2 80.6 121.0
160 45.6 35.8 53.6



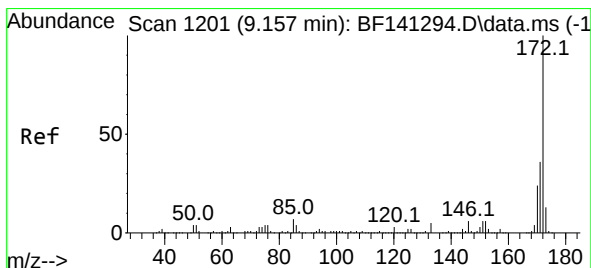
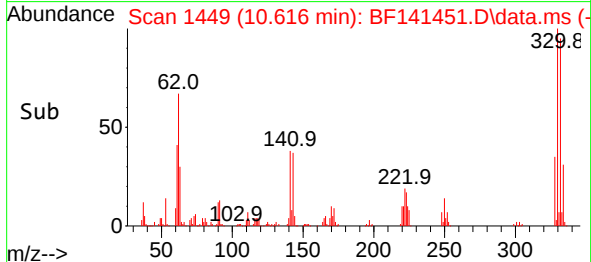
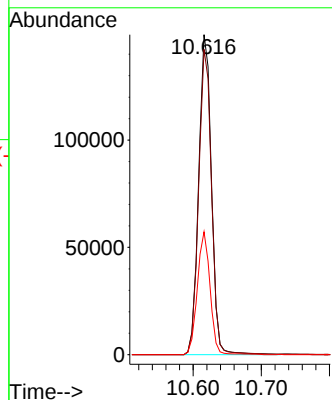


#42
2,4,6-Tribromophenol
Concen: 139.328 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.018 min
Lab File: BF141451.D
Acq: 05 Feb 2025 17:08

Instrument :
BNA_F
ClientSampleId :
SW-WTS-02

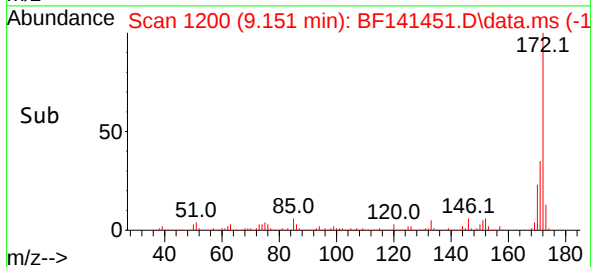
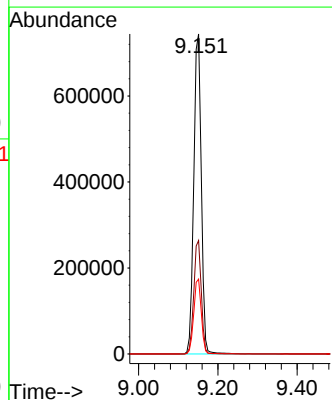
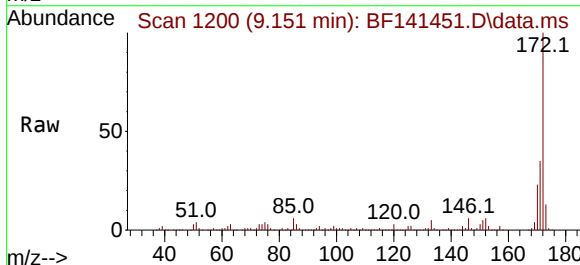


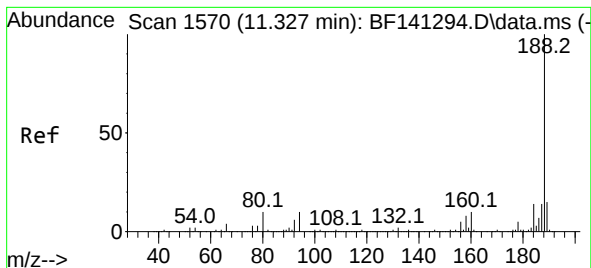
Tgt Ion:330 Resp: 194352
Ion Ratio Lower Upper
330 100
332 96.0 76.1 114.1
141 38.2 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 99.866 ng
RT: 9.151 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF141451.D
Acq: 05 Feb 2025 17:08

Tgt Ion:172 Resp: 987225
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.4 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141451.D

Acq: 05 Feb 2025 17:08

Instrument :

BNA_F

ClientSampleId :

SW-WTS-02

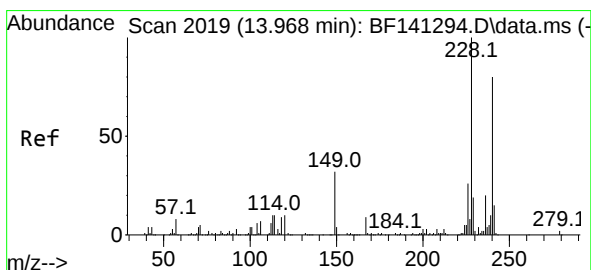
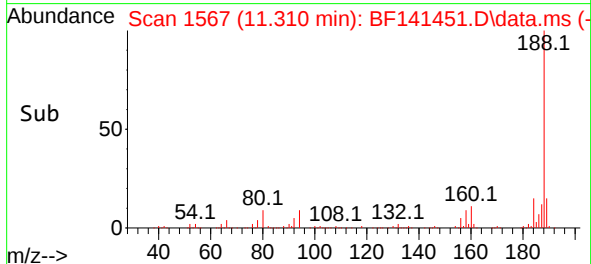
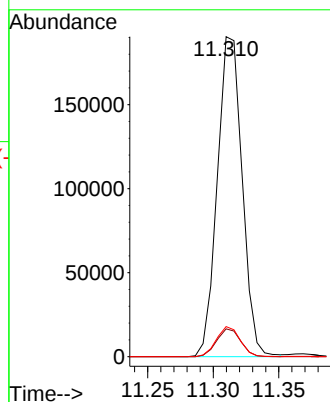
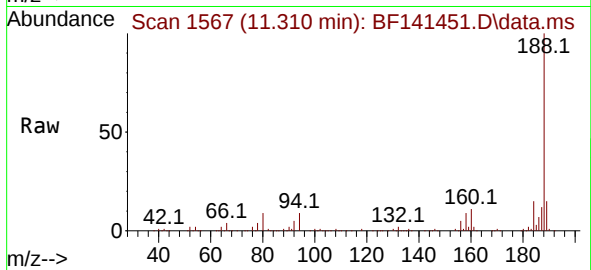
Tgt Ion:188 Resp: 251131

Ion Ratio Lower Upper

188 100

94 8.7 7.8 11.6

80 9.4 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.018 min

Lab File: BF141451.D

Acq: 05 Feb 2025 17:08

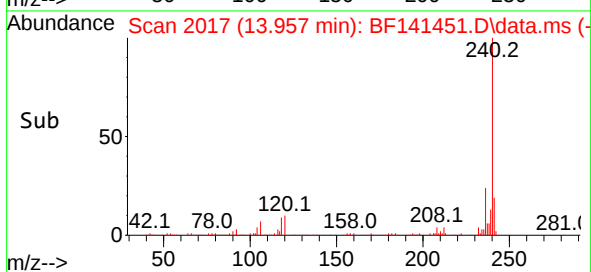
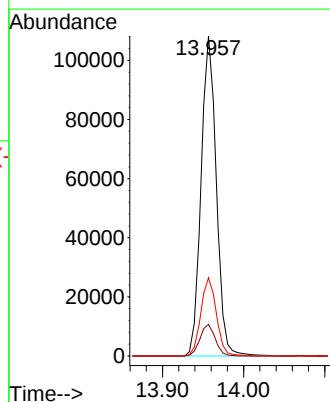
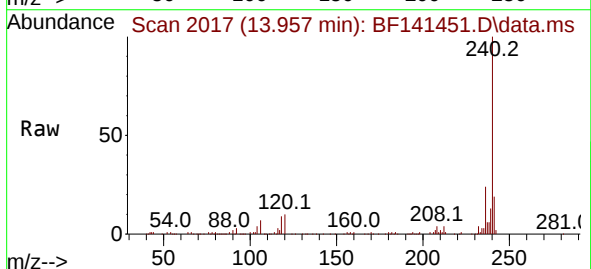
Tgt Ion:240 Resp: 141120

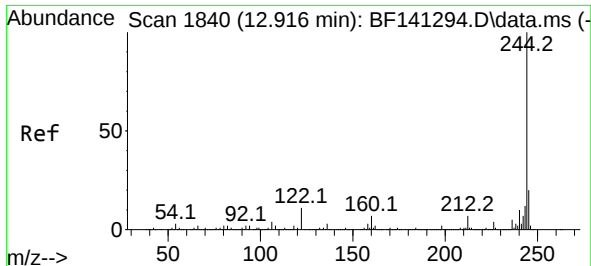
Ion Ratio Lower Upper

240 100

120 9.9 10.0 15.0#

236 24.4 19.7 29.5

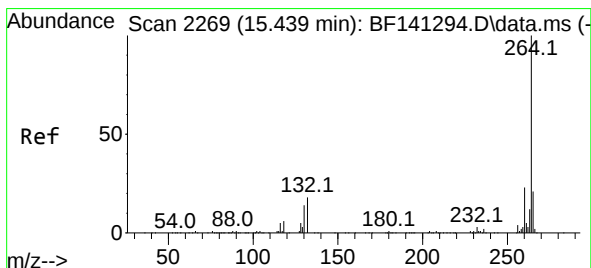
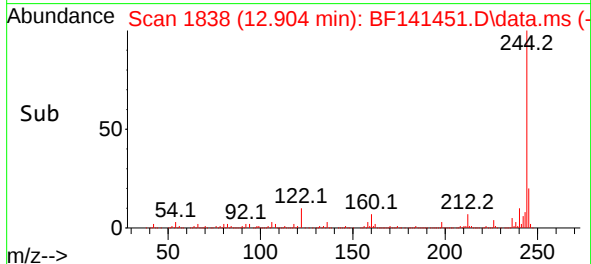
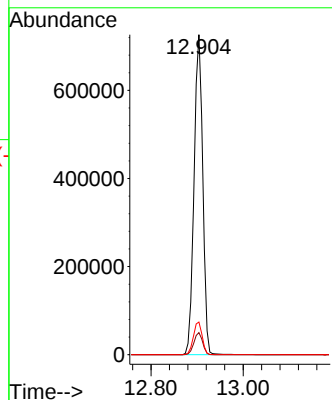
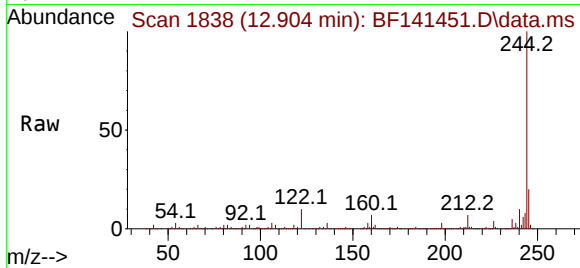




#79
 Terphenyl-d14
 Concen: 103.438 ng
 RT: 12.904 min Scan# 1838
 Delta R.T. -0.012 min
 Lab File: BF141451.D
 Acq: 05 Feb 2025 17:08

Instrument :
 BNA_F
 ClientSampleId :
 SW-WTS-02

Tgt Ion:244 Resp: 946523
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.2 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2267
 Delta R.T. -0.012 min
 Lab File: BF141451.D
 Acq: 05 Feb 2025 17:08

Tgt Ion:264 Resp: 162119
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 27.8
 265 20.9 16.7 25.1

