

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022125\
 Data File : BF141718.D
 Acq On : 21 Feb 2025 14:18
 Operator : RC/JU
 Sample : Q1393-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PURGE-WATER-COMP

Quant Time: Feb 21 14:50:41 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)

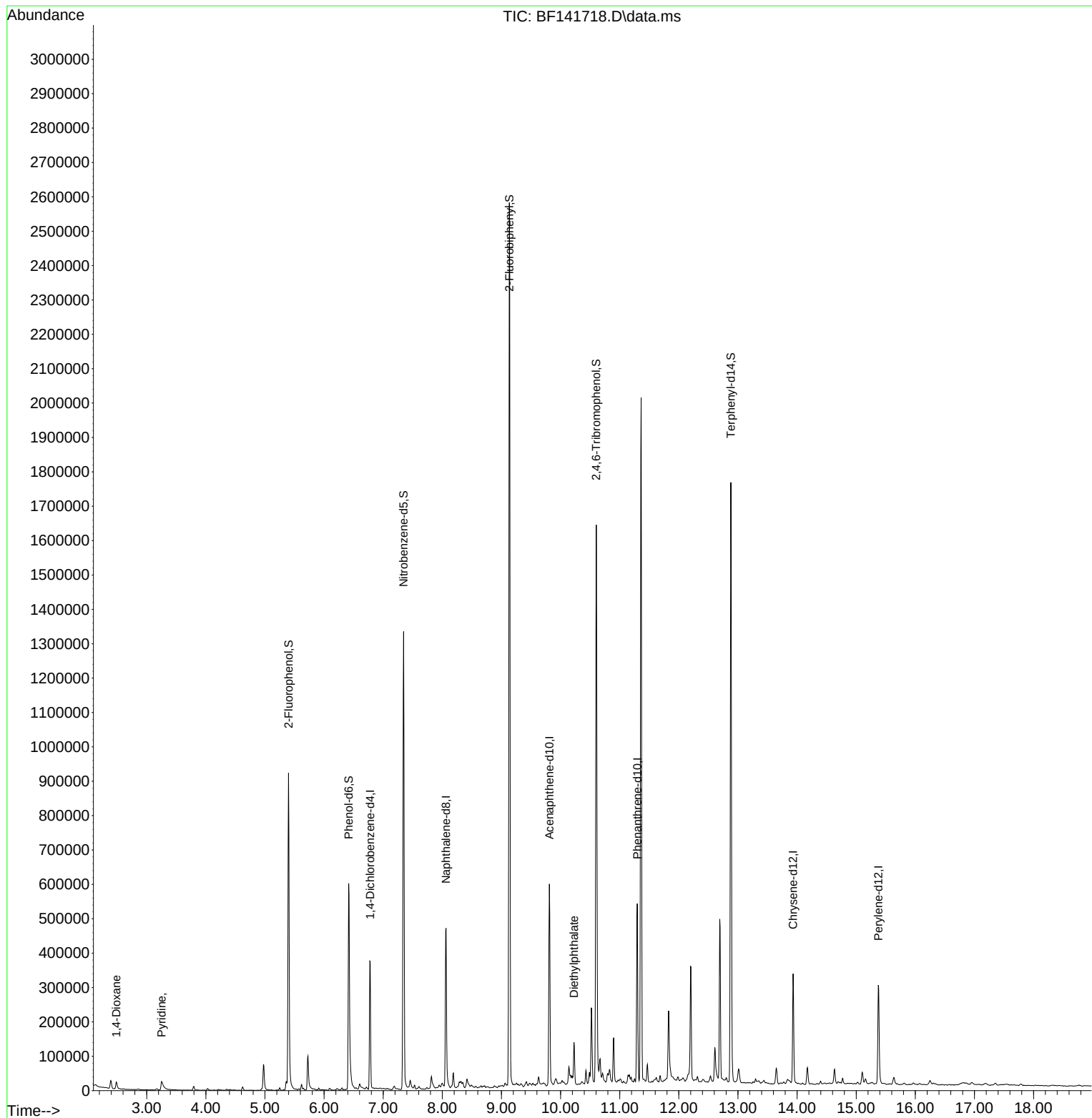
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	81417	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	323272	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	174578	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	269387	20.000	ng	-0.02
76) Chrysene-d12	13.933	240	161228	20.000	ng	-0.03
86) Perylene-d12	15.374	264	179832	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	368478	70.953	ng	-0.01
7) Phenol-d6	6.416	99	308505	47.001	ng	-0.02
23) Nitrobenzene-d5	7.345	82	617251	99.590	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	245046	139.730	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	1161077	102.465	ng	-0.02
79) Terphenyl-d14	12.880	244	858135	89.853	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.487	88	12202	5.838	ng	96
3) Pyridine	3.251	79	26921	5.413	ng	95
60) Diethylphthalate	10.227	149	58608	5.026	ng	99

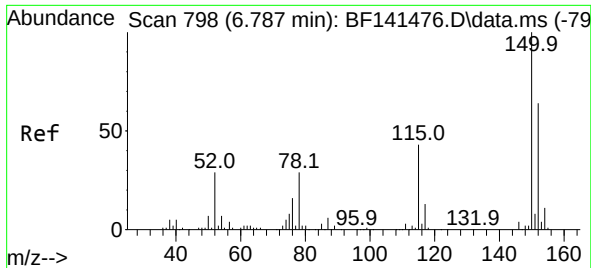
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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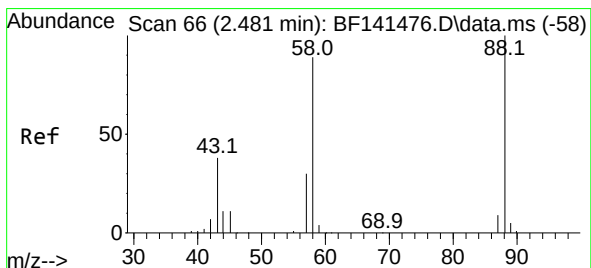
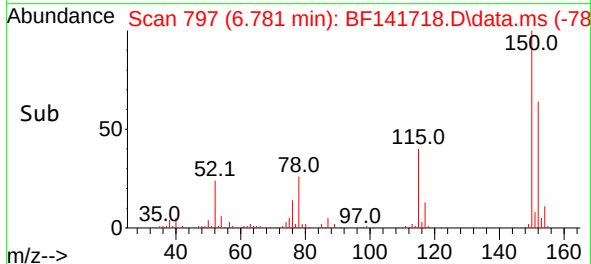
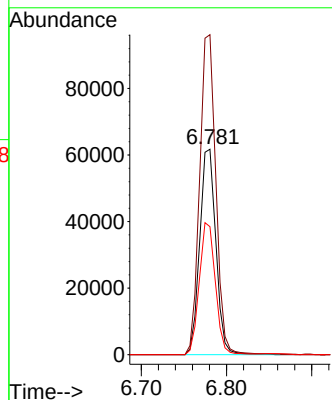
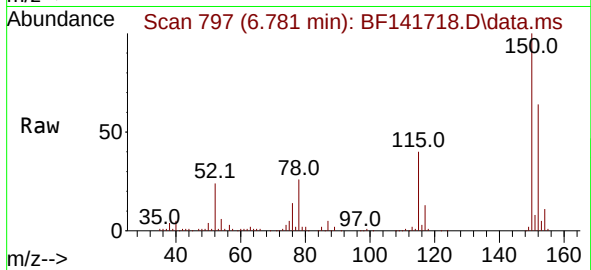




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141718.D
 Acq: 21 Feb 2025 14:18

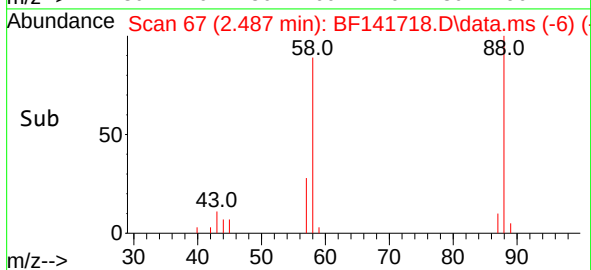
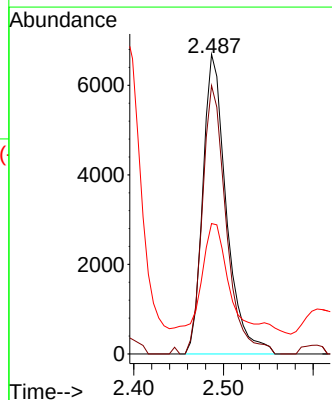
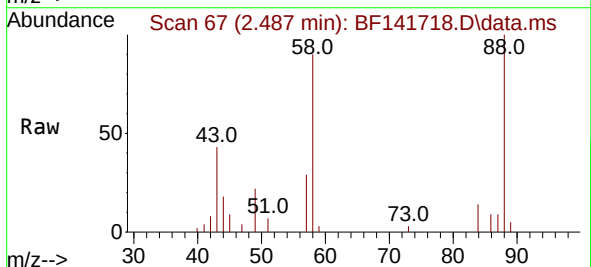
Instrument :
 BNA_F
 ClientSampleId :
 PURGE-WATER-COMP

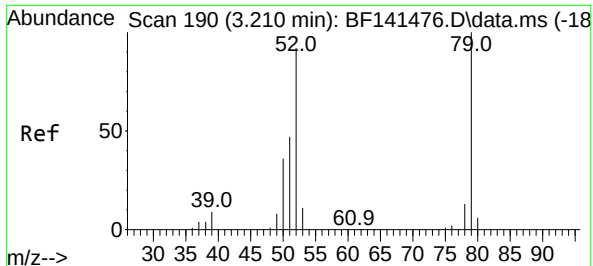
Tgt Ion:152 Resp: 81417
 Ion Ratio Lower Upper
 152 100
 150 155.8 125.0 187.4
 115 62.3 53.6 80.4



#2
 1,4-Dioxane
 Concen: 5.838 ng
 RT: 2.487 min Scan# 67
 Delta R.T. 0.006 min
 Lab File: BF141718.D
 Acq: 21 Feb 2025 14:18

Tgt Ion: 88 Resp: 12202
 Ion Ratio Lower Upper
 88 100
 58 90.3 71.1 106.7
 43 43.7 30.6 46.0

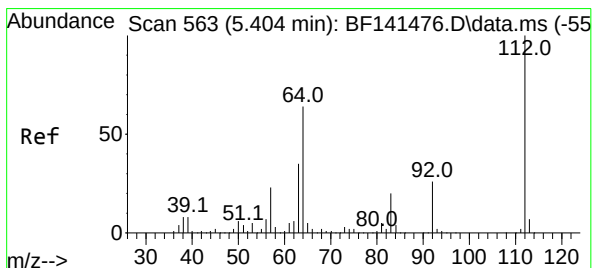
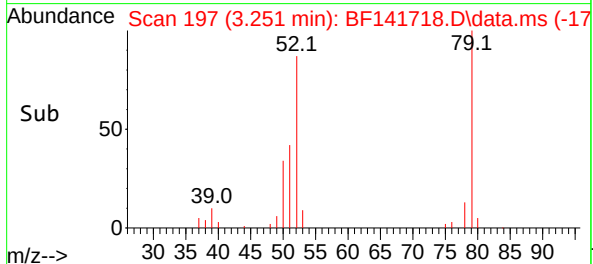
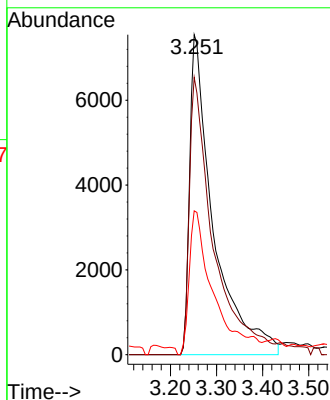
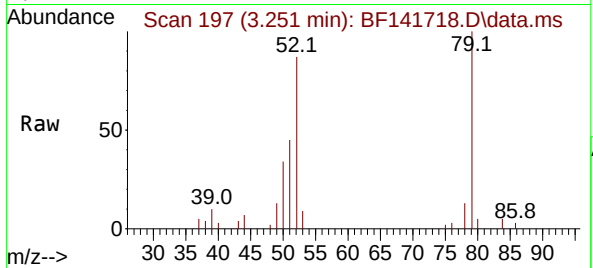




#3
Pyridine
Concen: 5.413 ng
RT: 3.251 min Scan# 19
Delta R.T. 0.035 min
Lab File: BF141718.D
Acq: 21 Feb 2025 14:18

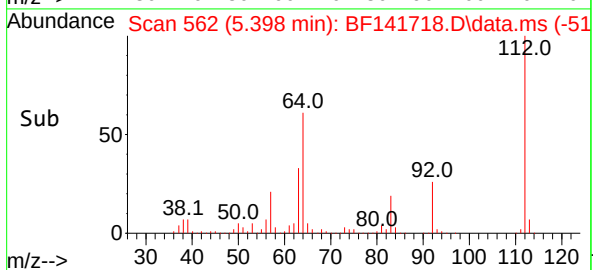
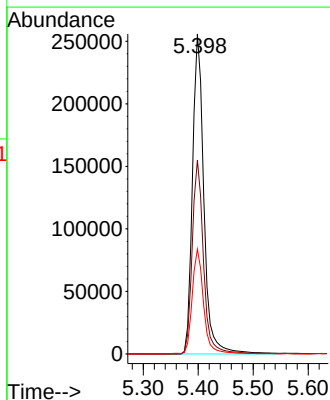
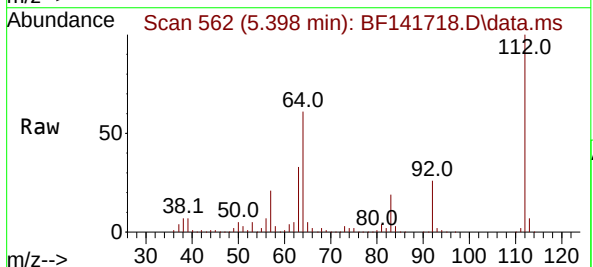
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ClientSampleId :
PURGE-WATER-COMP

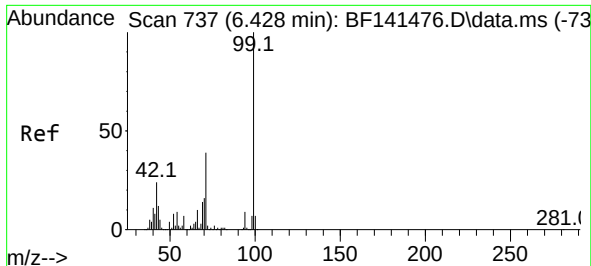
Tgt Ion: 79 Resp: 26921
Ion Ratio Lower Upper
79 100
52 86.7 73.7 110.5
51 44.9 37.5 56.3



#5
2-Fluorophenol
Concen: 70.953 ng
RT: 5.398 min Scan# 562
Delta R.T. -0.012 min
Lab File: BF141718.D
Acq: 21 Feb 2025 14:18

Tgt Ion: 112 Resp: 368478
Ion Ratio Lower Upper
112 100
64 60.6 51.1 76.7
63 32.7 28.4 42.6

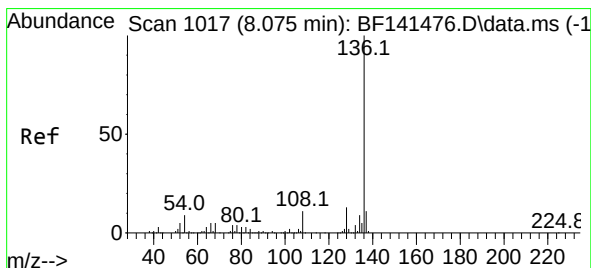
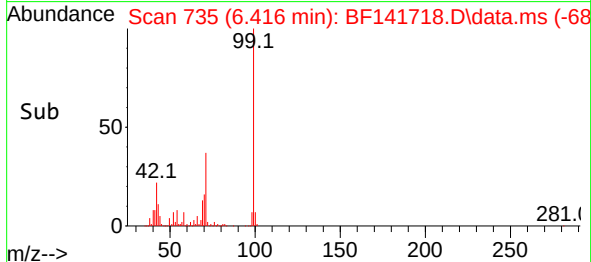
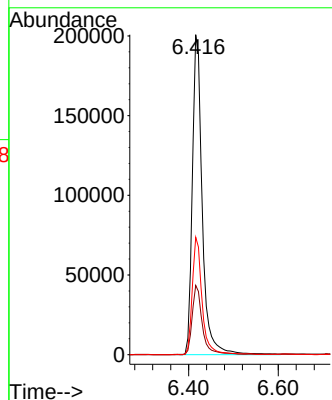
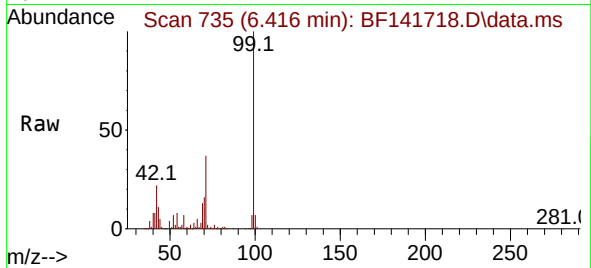




#7
Phenol-d6
Concen: 47.001 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.024 min
Lab File: BF141718.D
Acq: 21 Feb 2025 14:18

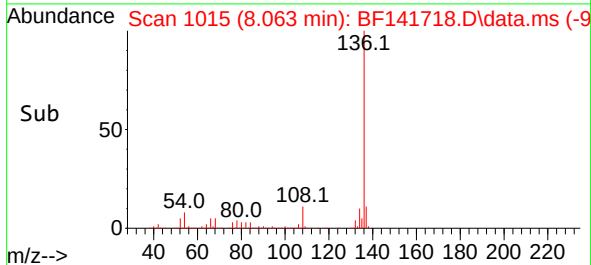
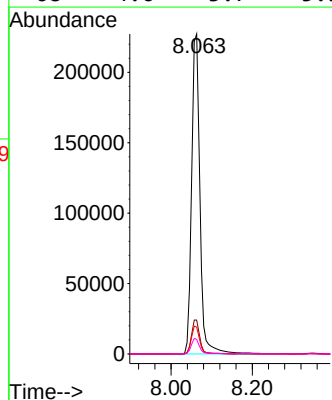
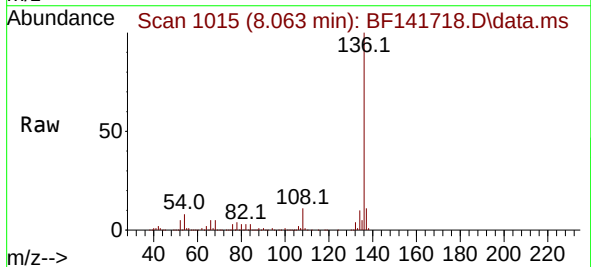
Instrument :
BNA_F
ClientSampleId :
PURGE-WATER-COMP

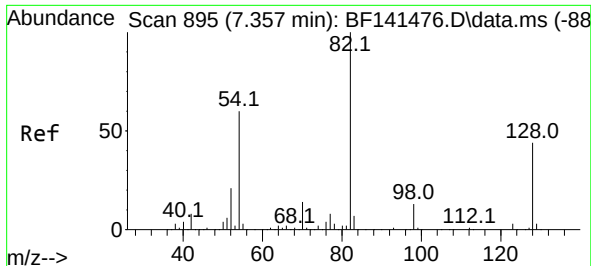
Tgt Ion: 99 Resp: 308505
Ion Ratio Lower Upper
99 100
42 21.6 19.1 28.7
71 36.7 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141718.D
Acq: 21 Feb 2025 14:18

Tgt Ion: 136 Resp: 323272
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.4 7.2 10.8
68 4.6 3.7 5.5





#23

Nitrobenzene-d5

Concen: 99.590 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF141718.D

Acq: 21 Feb 2025 14:18

Instrument :

BNA_F

ClientSampleId :

PURGE-WATER-COMP

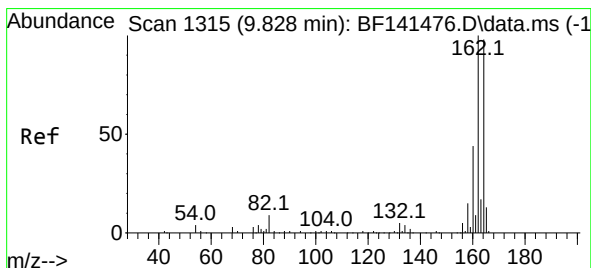
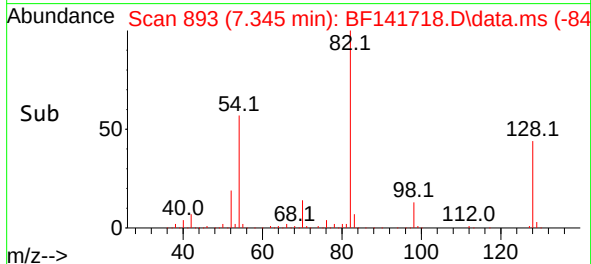
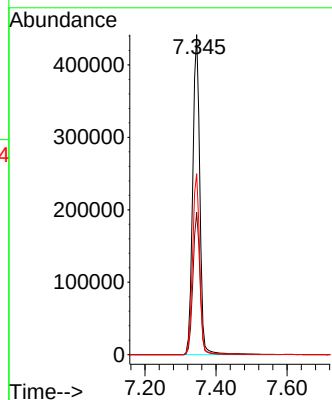
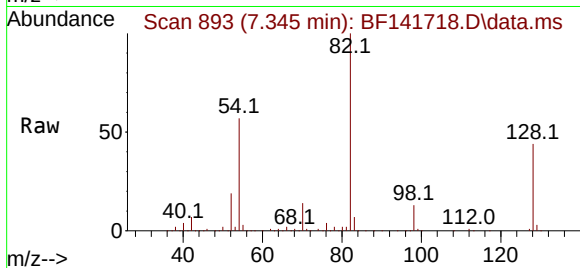
Tgt Ion: 82 Resp: 617251

Ion Ratio Lower Upper

82 100

128 44.5 34.8 52.2

54 56.6 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1312

Delta R.T. -0.024 min

Lab File: BF141718.D

Acq: 21 Feb 2025 14:18

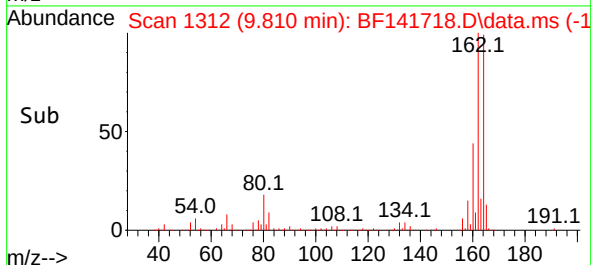
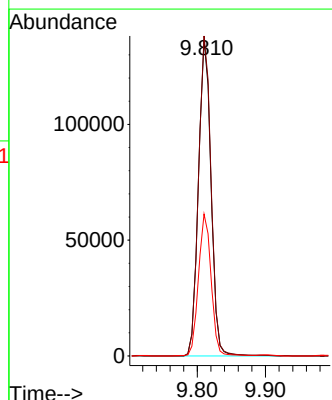
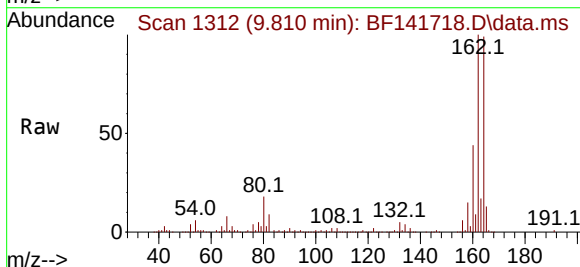
Tgt Ion:164 Resp: 174578

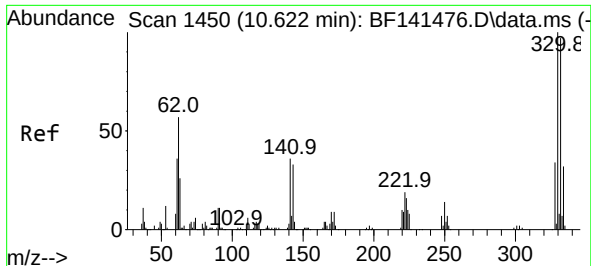
Ion Ratio Lower Upper

164 100

162 101.2 81.3 121.9

160 44.9 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 139.730 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.024 min

Lab File: BF141718.D

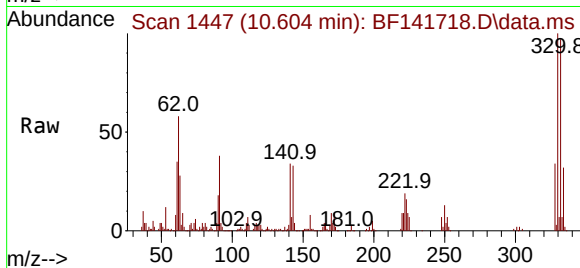
Acq: 21 Feb 2025 14:18

Instrument :

BNA_F

ClientSampleId :

PURGE-WATER-COMP



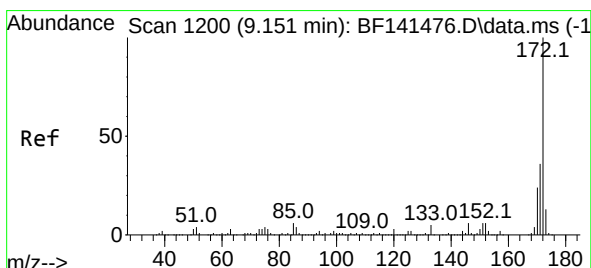
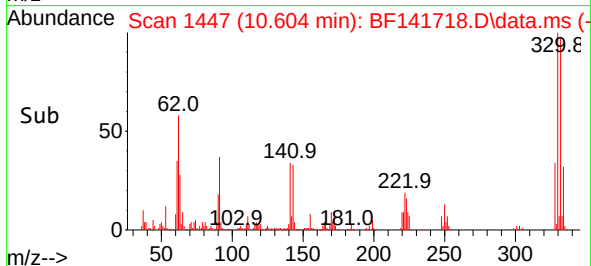
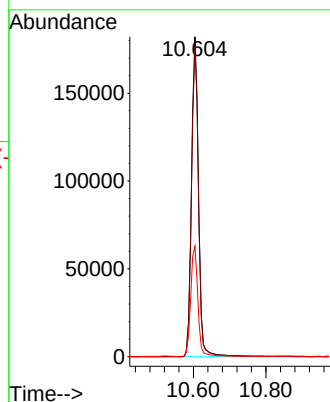
Tgt Ion:330 Resp: 245046

Ion Ratio Lower Upper

330 100

332 96.3 78.5 117.7

141 35.9 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 102.465 ng

RT: 9.133 min Scan# 1197

Delta R.T. -0.018 min

Lab File: BF141718.D

Acq: 21 Feb 2025 14:18

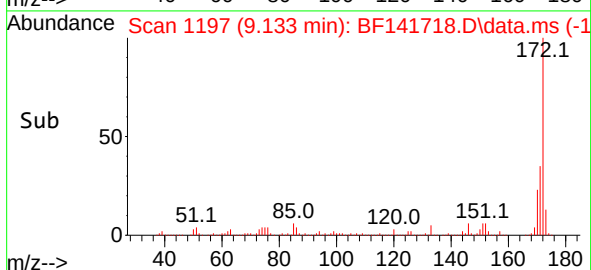
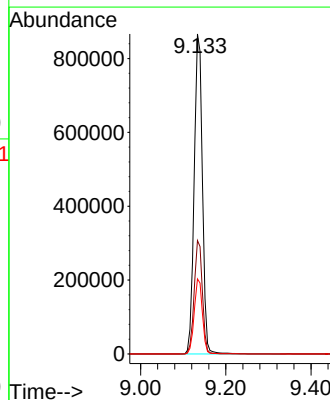
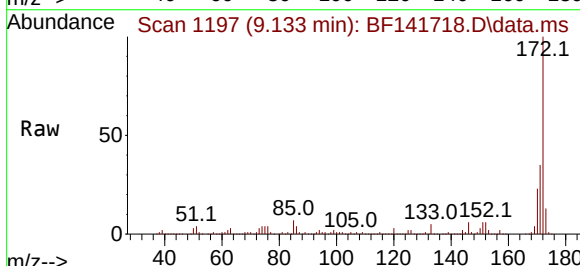
Tgt Ion:172 Resp: 1161077

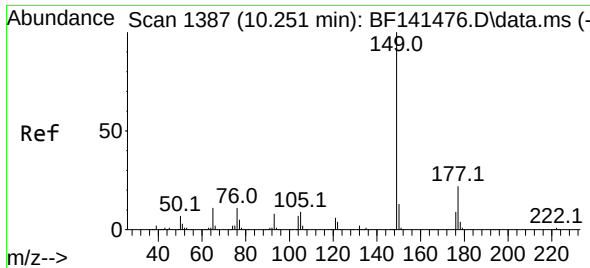
Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

170 23.5 18.9 28.3

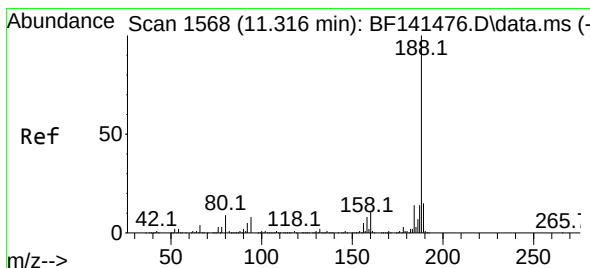
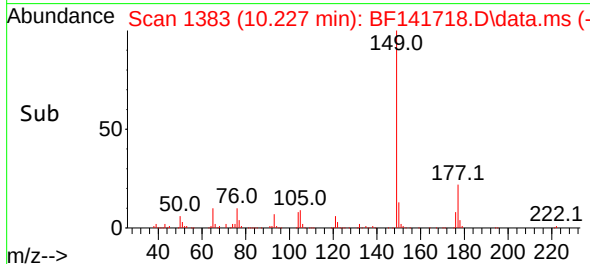
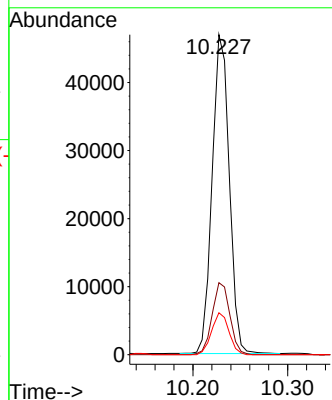
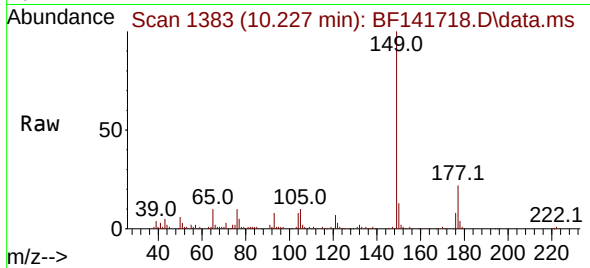




#60
Diethylphthalate
Concen: 5.026 ng
RT: 10.227 min Scan# 11
Delta R.T. -0.029 min
Lab File: BF141718.D
Acq: 21 Feb 2025 14:18

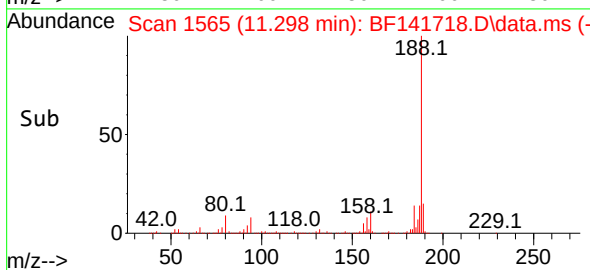
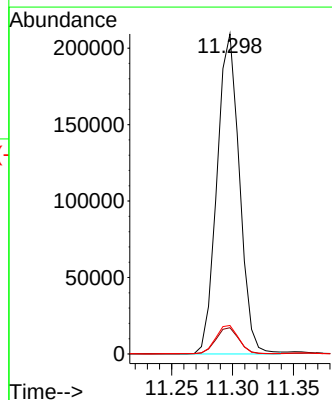
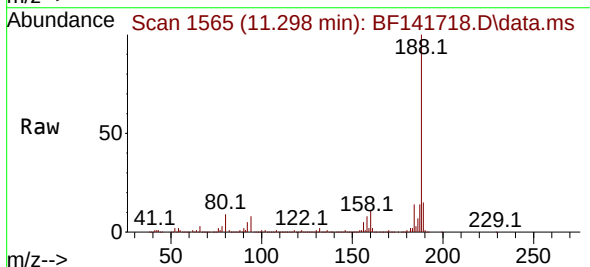
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PURGE-WATER-COMP

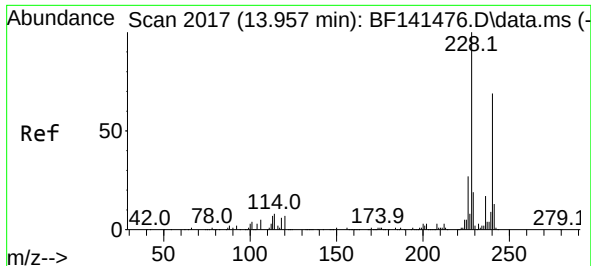
Tgt Ion:149 Resp: 58608
Ion Ratio Lower Upper
149 100
177 22.5 17.8 26.6
150 13.1 10.1 15.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1565
Delta R.T. -0.018 min
Lab File: BF141718.D
Acq: 21 Feb 2025 14:18

Tgt Ion:188 Resp: 269387
Ion Ratio Lower Upper
188 100
94 8.2 6.6 10.0
80 8.9 7.3 10.9

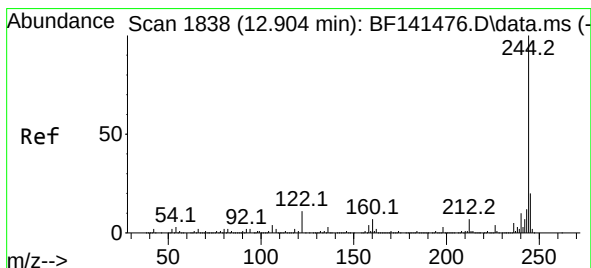
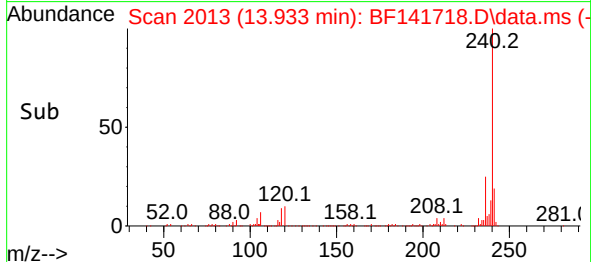
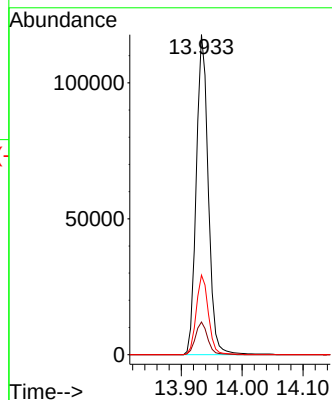
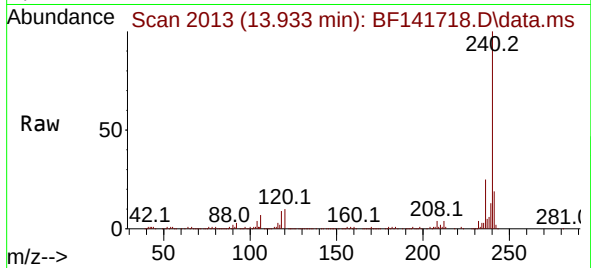




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2017
Delta R.T. -0.029 min
Lab File: BF141718.D
Acq: 21 Feb 2025 14:18

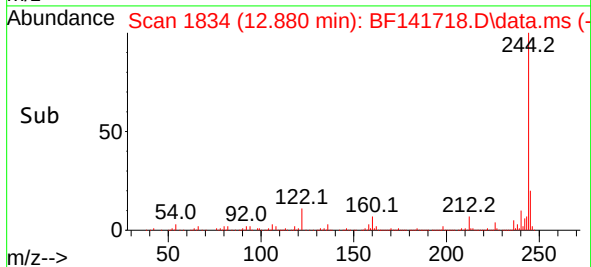
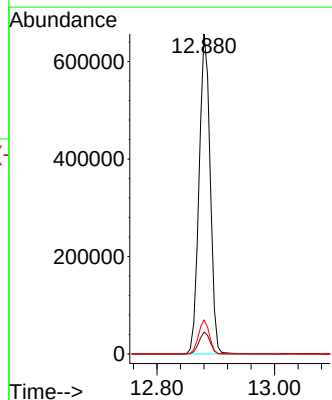
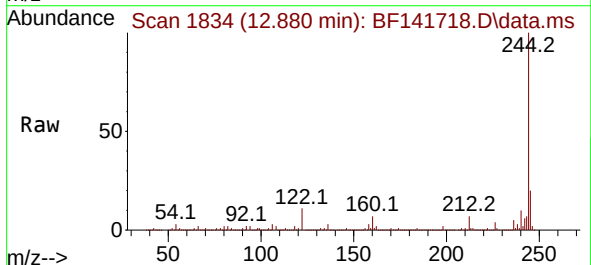
Instrument :
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PURGE-WATER-COMP

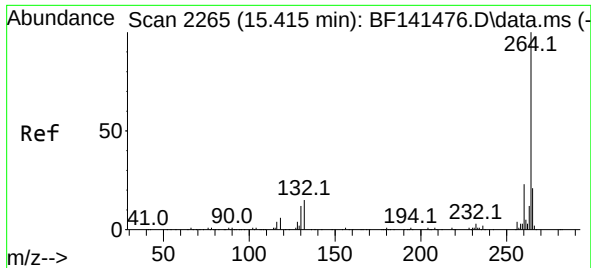
Tgt Ion:240 Resp: 161228
Ion Ratio Lower Upper
240 100
120 10.2 8.0 12.0
236 24.8 19.8 29.8



#79
Terphenyl-d14
Concen: 89.853 ng
RT: 12.880 min Scan# 1834
Delta R.T. -0.024 min
Lab File: BF141718.D
Acq: 21 Feb 2025 14:18

Tgt Ion:244 Resp: 858135
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 10.6 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.374 min Scan# 21
 Delta R.T. -0.041 min
 Lab File: BF141718.D
 Acq: 21 Feb 2025 14:18

Instrument :
 BNA_F
 ClientSampleId :
 PURGE-WATER-COMP

Tgt Ion:264 Resp: 179832
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 28.0
 265 21.5 17.0 25.4

