

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021025\
 Data File : BF141541.D
 Acq On : 10 Feb 2025 18:08
 Operator : RC/JU
 Sample : Q1309-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Quant Time: Feb 11 00:06:59 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	6.787	152	81189	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	320165	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	174906	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	307765	20.000	ng	0.00
76) Chrysene-d12	13.945	240	220140	20.000	ng	-0.02
86) Perylene-d12	15.398	264	165711	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	670676	129.506	ng	0.00
7) Phenol-d6	6.428	99	770445	117.707	ng	-0.01
23) Nitrobenzene-d5	7.351	82	588646	95.897	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	248209	141.268	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1085102	95.580	ng	0.00
79) Terphenyl-d14	12.898	244	1217074	93.333	ng	0.00

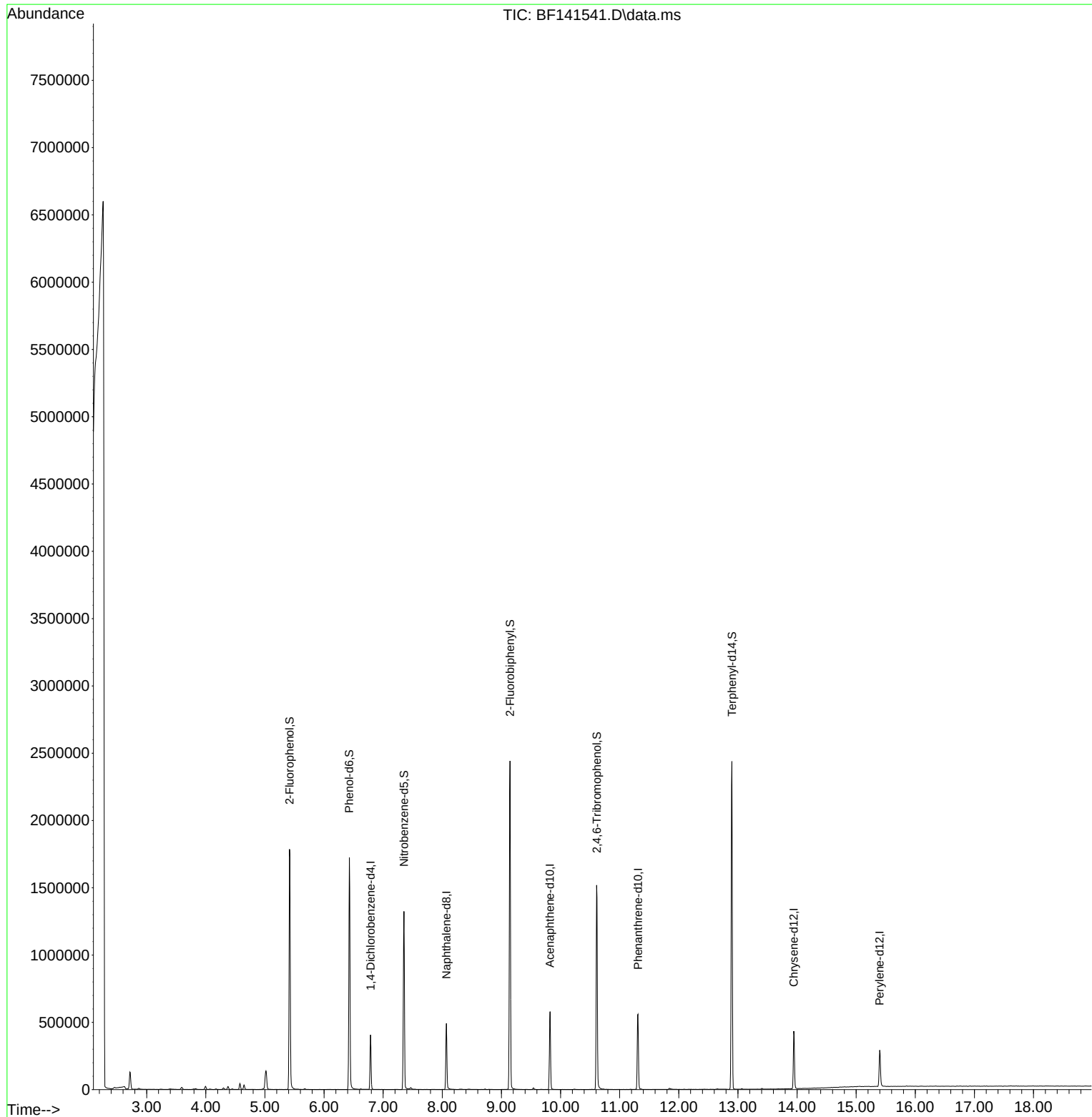
Target Compounds	Qvalue

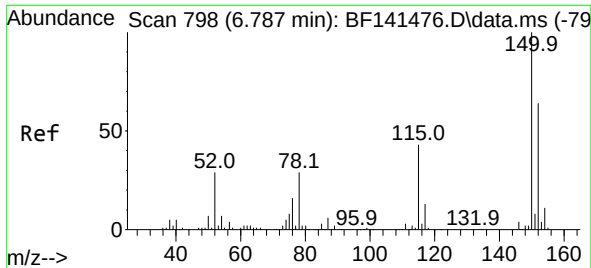
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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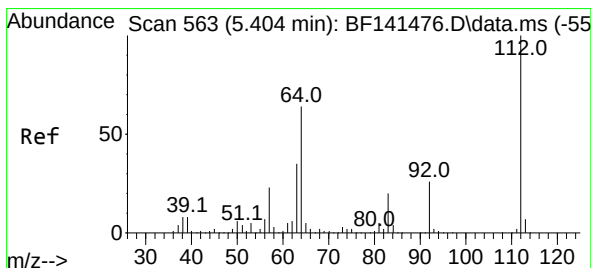
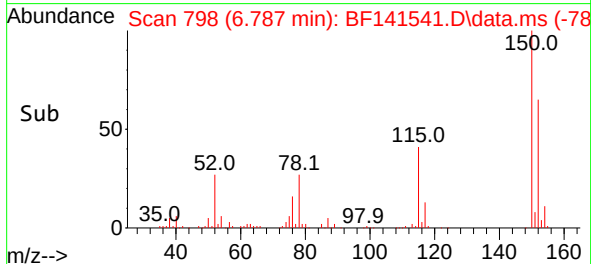
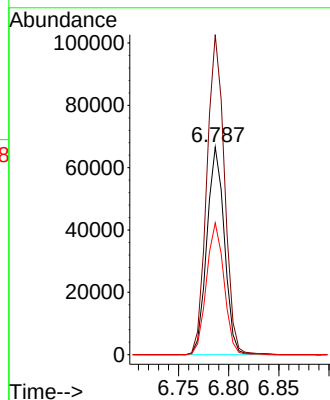
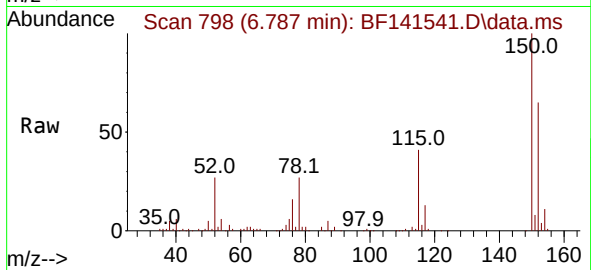




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141541.D
Acq: 10 Feb 2025 18:08

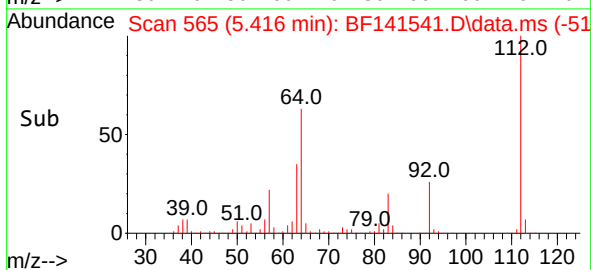
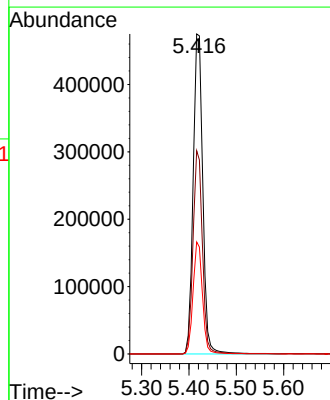
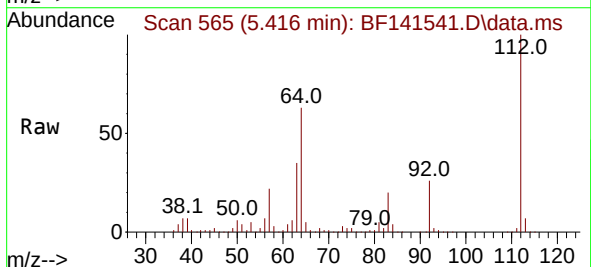
Instrument :
BNA_F
ClientSampleId :
WC-2

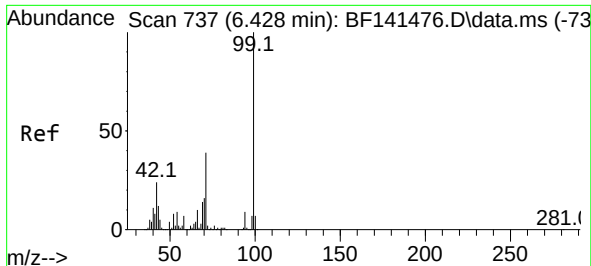
Tgt Ion:152 Resp: 81189
Ion Ratio Lower Upper
152 100
150 154.1 125.0 187.4
115 63.4 53.6 80.4



#5
2-Fluorophenol
Concen: 129.506 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141541.D
Acq: 10 Feb 2025 18:08

Tgt Ion:112 Resp: 670676
Ion Ratio Lower Upper
112 100
64 63.5 51.1 76.7
63 35.0 28.4 42.6





#7
Phenol-d6
Concen: 117.707 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141541.D
Acq: 10 Feb 2025 18:08

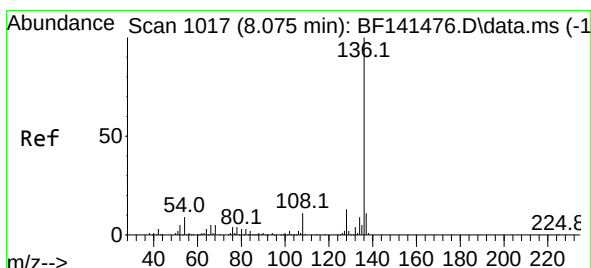
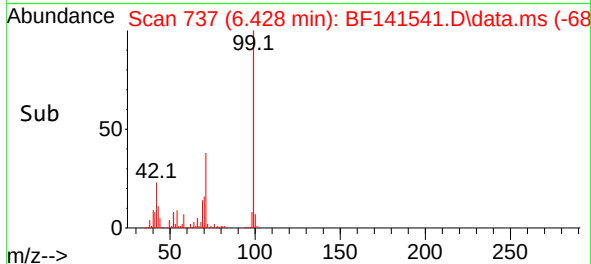
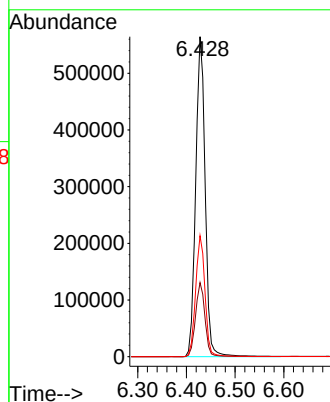
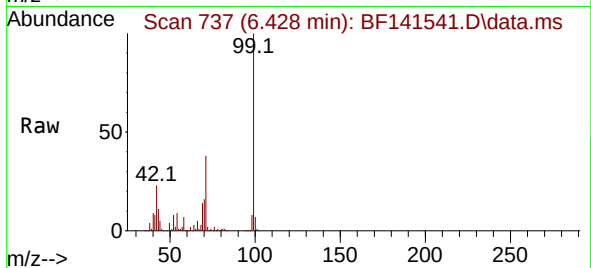
Instrument :

BNA_F

ClientSampleId :

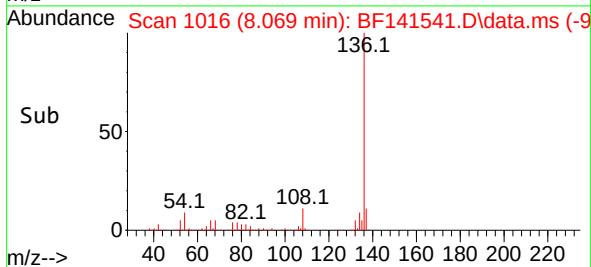
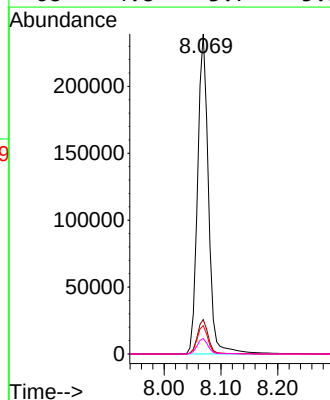
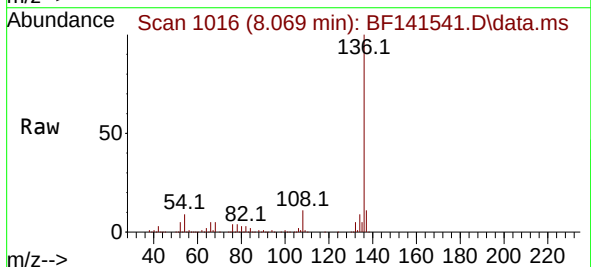
WC-2

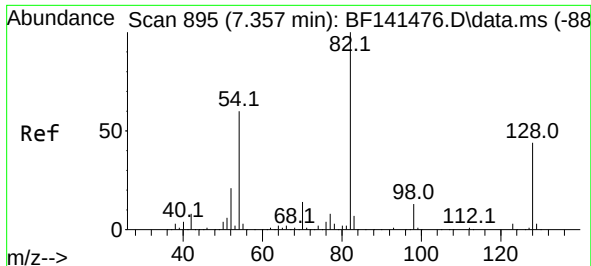
Tgt Ion: 99 Resp: 770445
Ion Ratio Lower Upper
99 100
42 23.1 19.1 28.7
71 37.8 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141541.D
Acq: 10 Feb 2025 18:08

Tgt Ion: 136 Resp: 320165
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.9 7.2 10.8
68 4.8 3.7 5.5

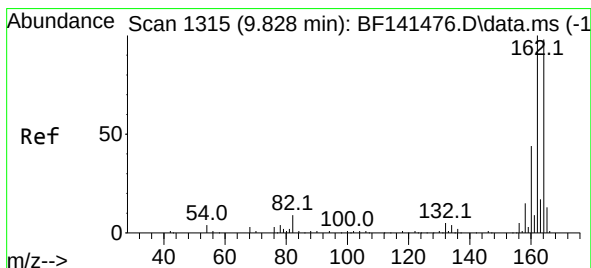
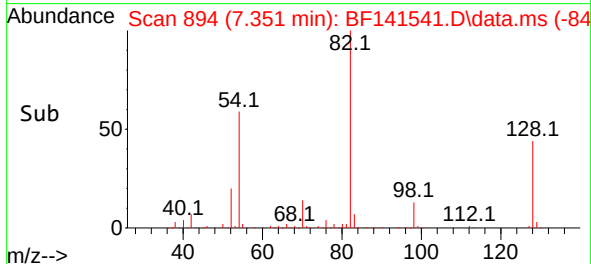
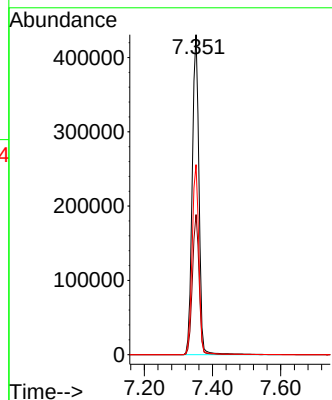
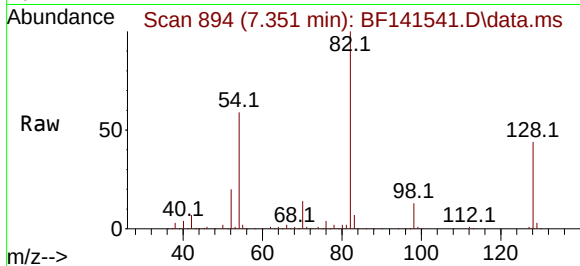




#23
 Nitrobenzene-d5
 Concen: 95.897 ng
 RT: 7.351 min Scan# 894
 Delta R.T. -0.012 min
 Lab File: BF141541.D
 Acq: 10 Feb 2025 18:08

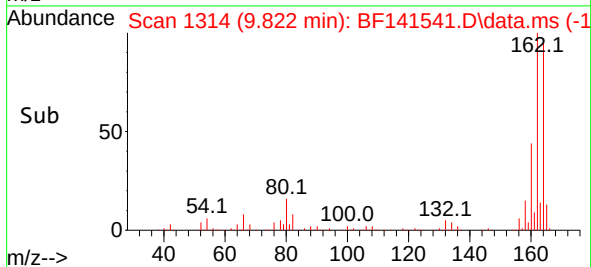
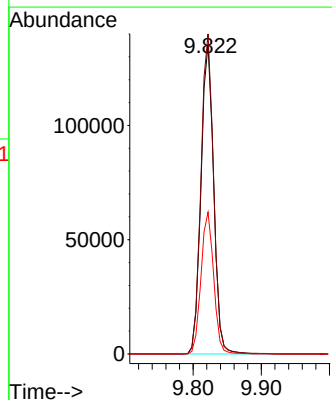
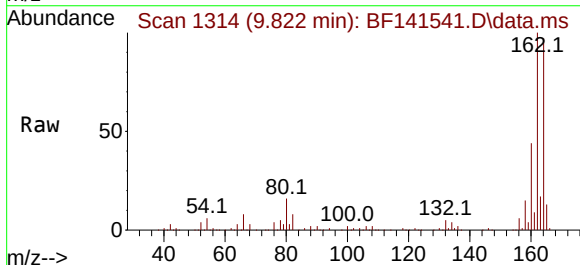
Instrument :
 BNA_F
 ClientSampleId :
 WC-2

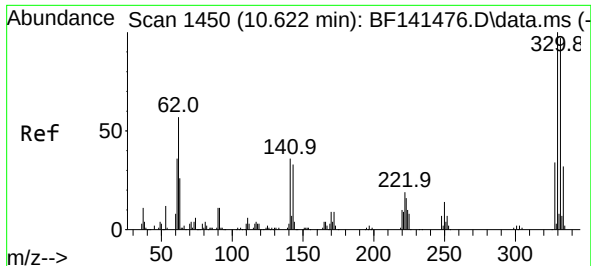
Tgt Ion: 82 Resp: 588646
 Ion Ratio Lower Upper
 82 100
 128 43.8 34.8 52.2
 54 59.4 48.2 72.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.822 min Scan# 1314
 Delta R.T. -0.012 min
 Lab File: BF141541.D
 Acq: 10 Feb 2025 18:08

Tgt Ion:164 Resp: 174906
 Ion Ratio Lower Upper
 164 100
 162 103.4 81.3 121.9
 160 45.8 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 141.268 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF141541.D

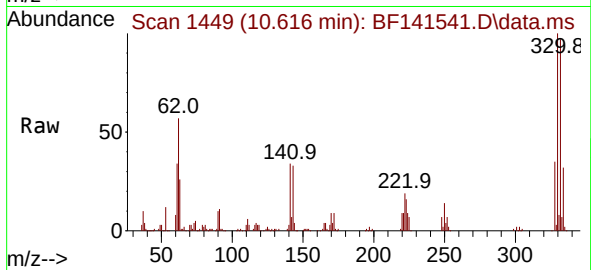
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Instrument :

BNA_F

ClientSampleId :

WC-2



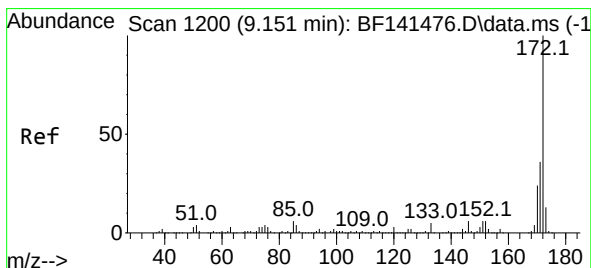
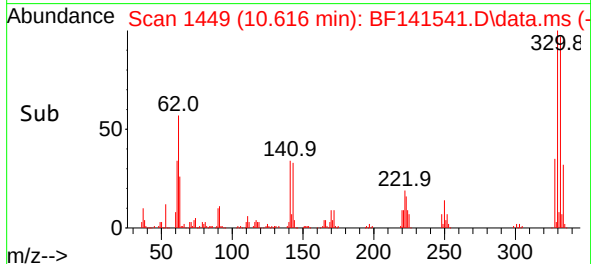
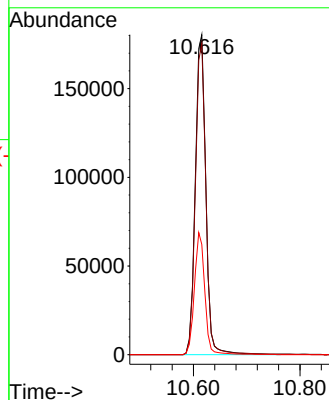
Tgt Ion:330 Resp: 248209

Ion Ratio Lower Upper

330 100

332 97.3 78.5 117.7

141 37.7 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 95.580 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141541.D

Acq: 10 Feb 2025 18:08

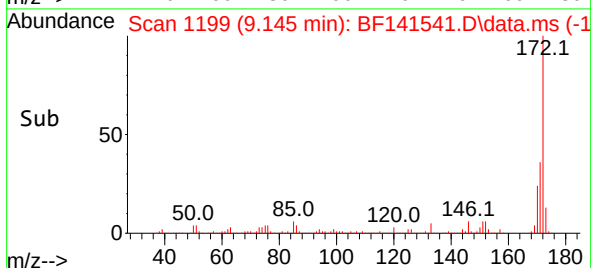
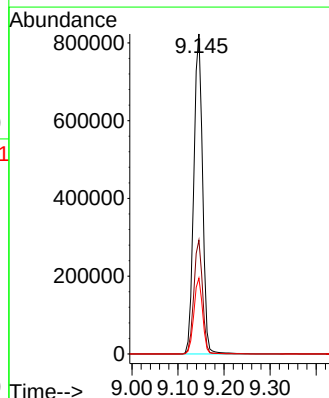
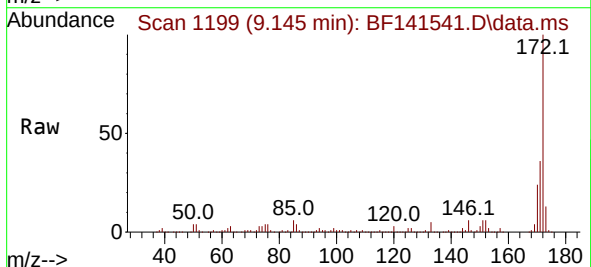
Tgt Ion:172 Resp: 1085102

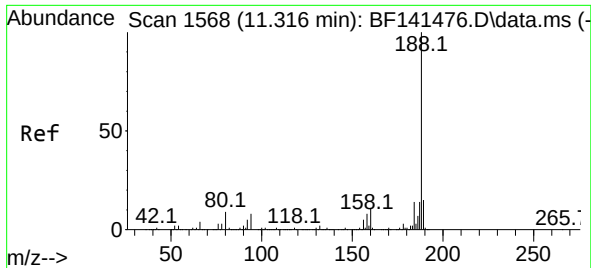
Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

170 23.7 18.9 28.3

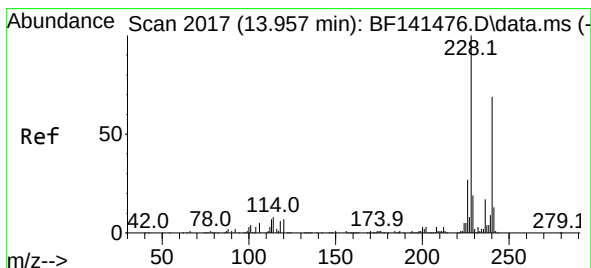
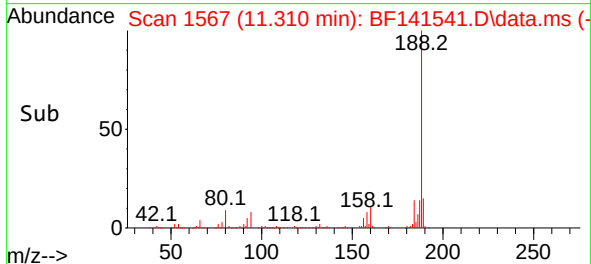
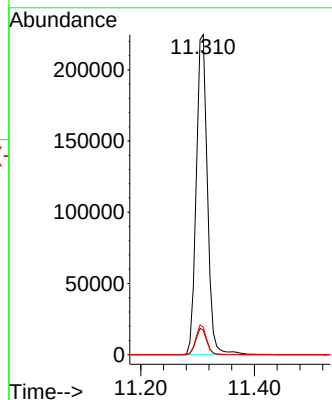
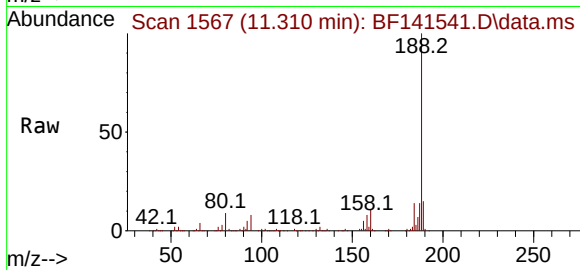




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141541.D
Acq: 10 Feb 2025 18:08

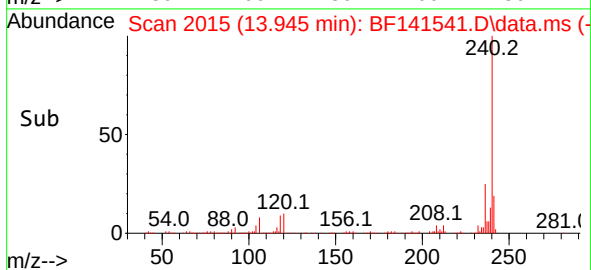
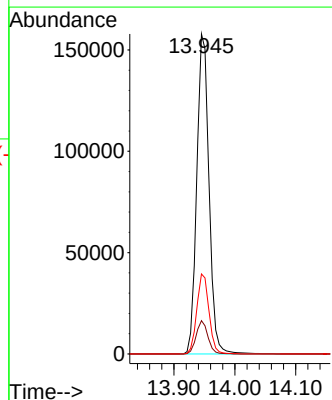
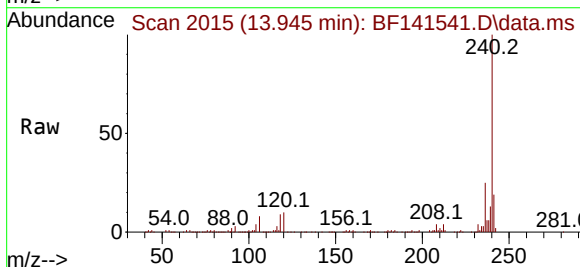
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BNA_F
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WC-2

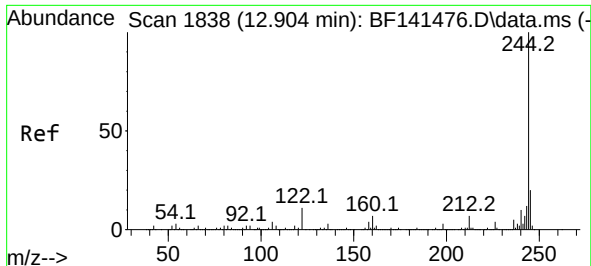
Tgt Ion:188 Resp: 307765
Ion Ratio Lower Upper
188 100
94 7.7 6.6 10.0
80 8.6 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.017 min
Lab File: BF141541.D
Acq: 10 Feb 2025 18:08

Tgt Ion:240 Resp: 220140
Ion Ratio Lower Upper
240 100
120 10.4 8.0 12.0
236 25.0 19.8 29.8

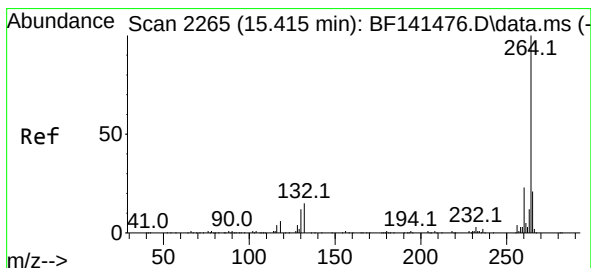
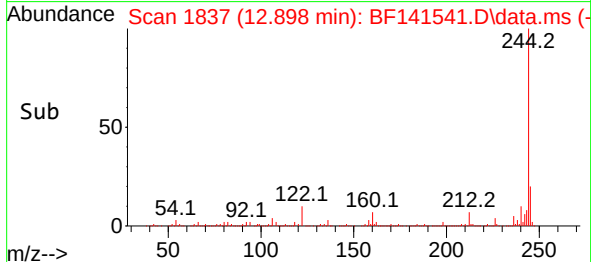
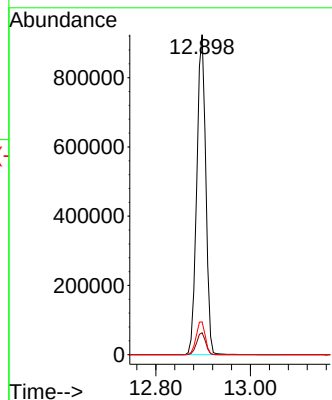
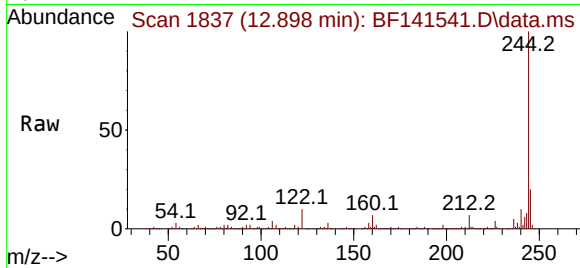




#79
 Terphenyl-d14
 Concen: 93.333 ng
 RT: 12.898 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF141541.D
 Acq: 10 Feb 2025 18:08

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Tgt Ion:244 Resp: 1217074
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.3 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.398 min Scan# 2262
 Delta R.T. -0.017 min
 Lab File: BF141541.D
 Acq: 10 Feb 2025 18:08

Tgt Ion:264 Resp: 165711
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 20.4 17.0 25.4

