

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134167.D
 Acq On : 09 Jul 2023 02:51
 Operator : CG\JU
 Sample : 03509-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-WWS-02

Quant Time: Jul 09 04:19:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

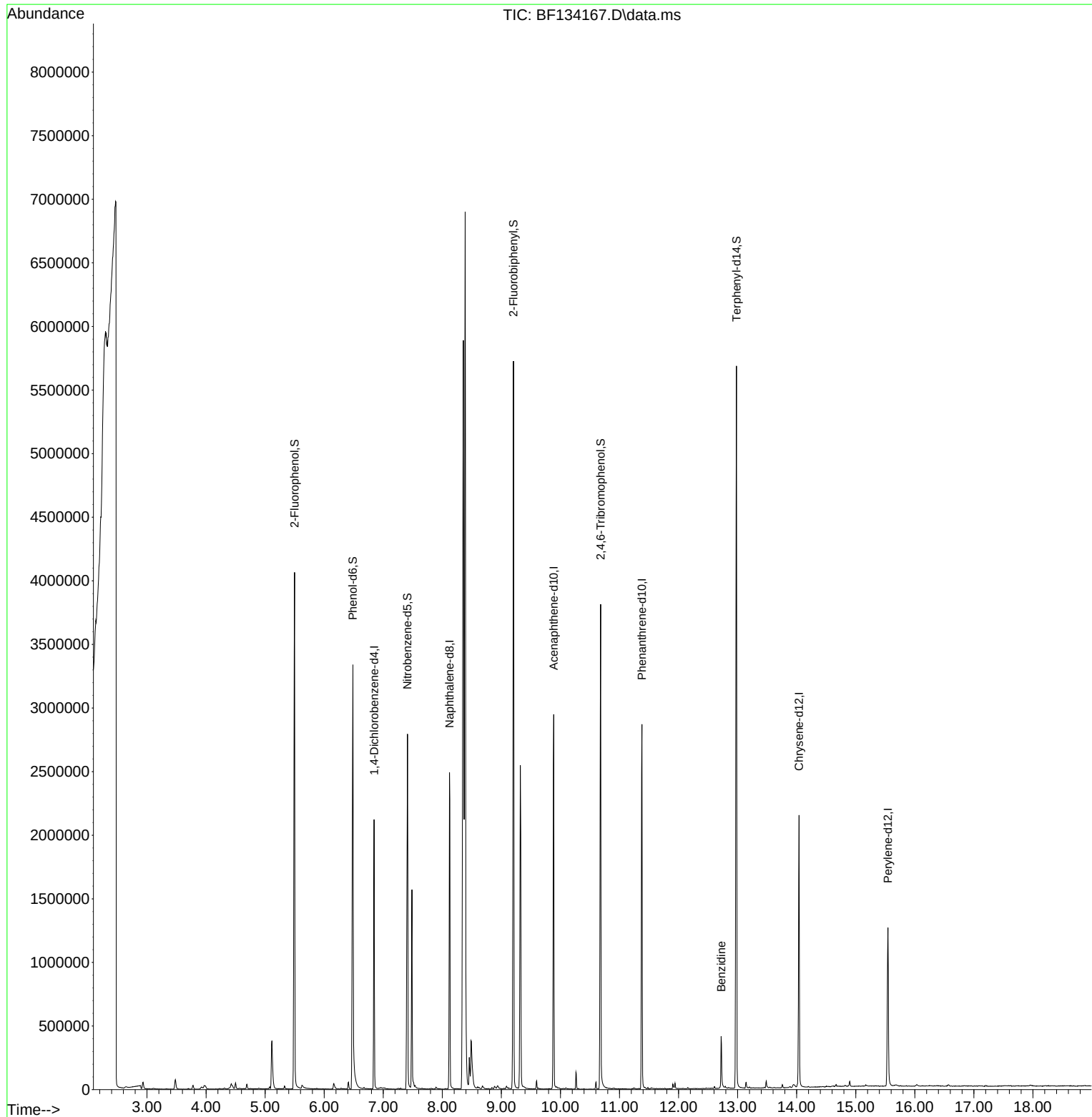
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	294202	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	1156081	20.000	ng	-0.01
39) Acenaphthene-d10	9.886	164	598651	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	1102365	20.000	ng	0.00
76) Chrysene-d12	14.039	240	749090	20.000	ng	-0.01
86) Perylene-d12	15.545	264	635964	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1165610	66.274	ng	0.01
7) Phenol-d6	6.487	99	1304363	60.305	ng	0.00
23) Nitrobenzene-d5	7.410	82	1009598	47.075	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	522081	69.556	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1858968	45.147	ng	0.00
79) Terphenyl-d14	12.980	244	2303681	49.495	ng	0.00
Target Compounds						
77) Benzidine	12.721	184	180737	10.140	ng	Qvalue 100

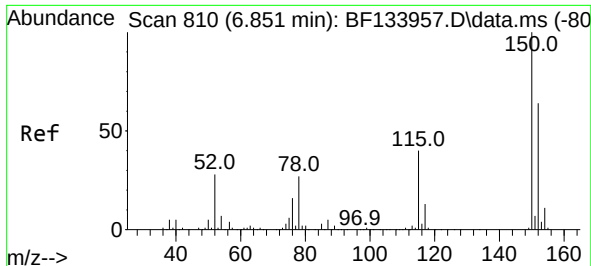
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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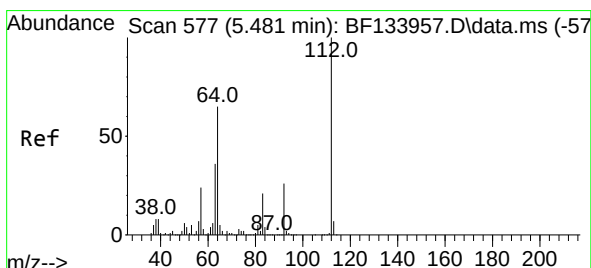
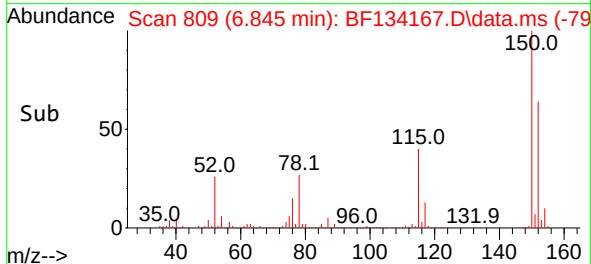
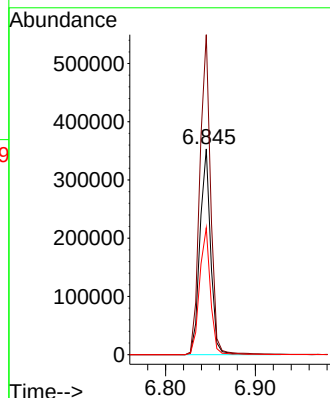
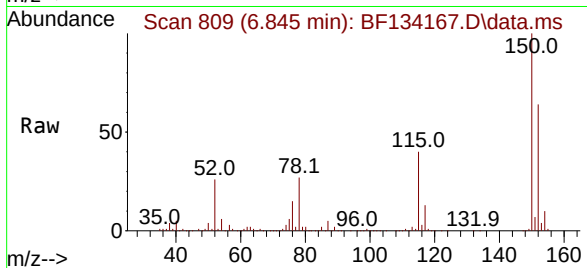




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134167.D
Acq: 09 Jul 2023 02:51

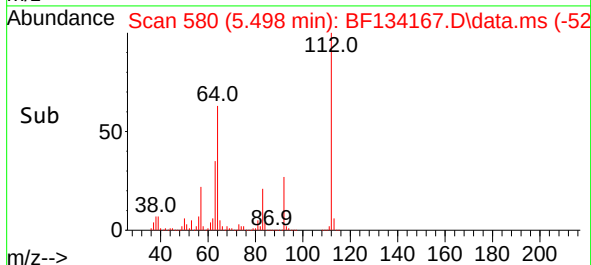
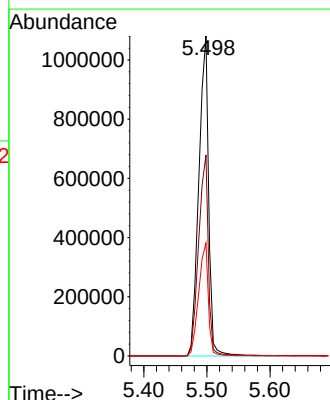
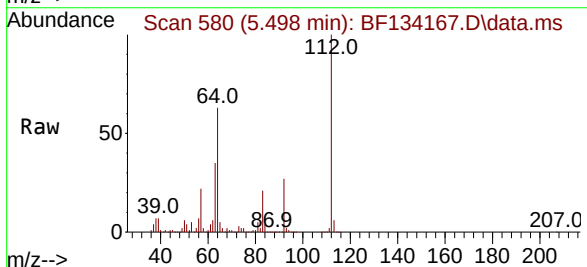
Instrument :
BNA_F
ClientSampleId :
WC-WWS-02

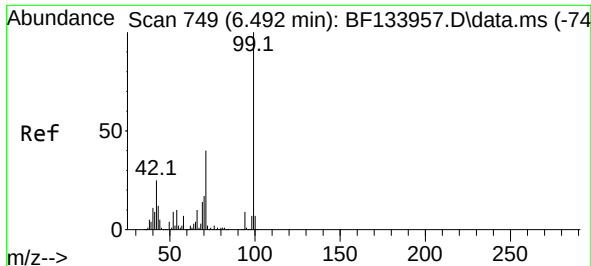
Tgt Ion:152 Resp: 294202
Ion Ratio Lower Upper
152 100
150 155.5 124.5 186.7
115 61.6 50.2 75.2



#5
2-Fluorophenol
Concen: 66.274 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF134167.D
Acq: 09 Jul 2023 02:51

Tgt Ion:112 Resp: 1165610
Ion Ratio Lower Upper
112 100
64 62.8 52.1 78.1
63 35.2 28.6 42.8





#7

Phenol-d6

Concen: 60.305 ng

RT: 6.487 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF134167.D

Acq: 09 Jul 2023 02:51

Instrument :

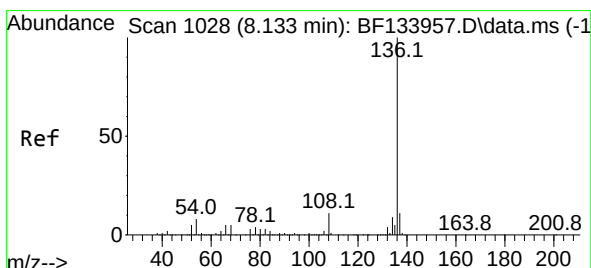
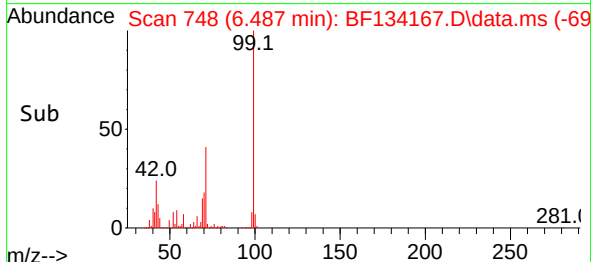
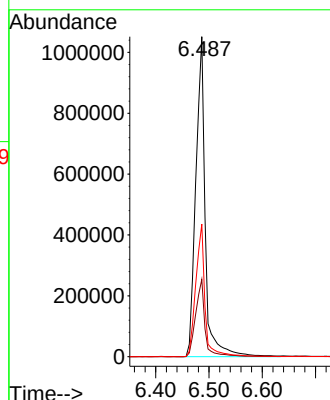
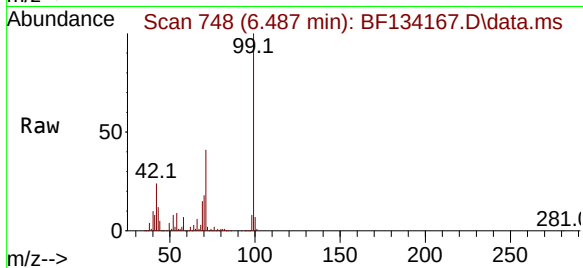
BNA_F

ClientSampleId :

WC-WWS-02

Tgt Ion: 99 Resp: 1304363

Ion	Ratio	Lower	Upper
99	100		
42	24.1	19.8	29.6
71	41.4	31.9	47.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.122 min Scan# 1026

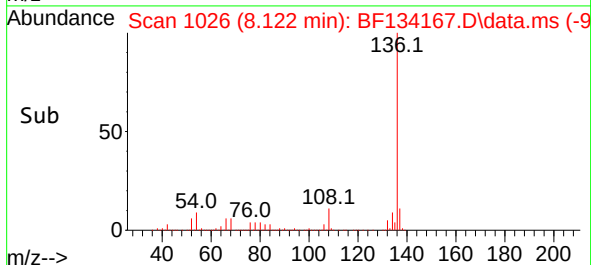
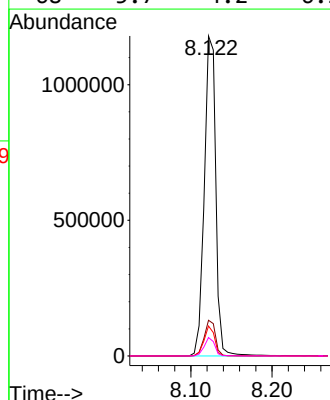
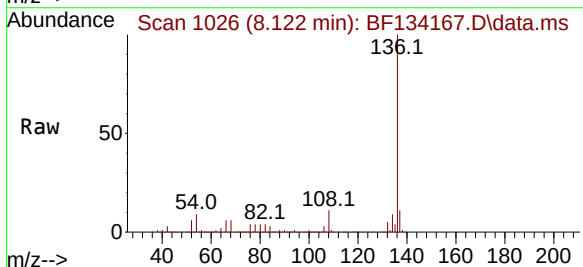
Delta R.T. -0.012 min

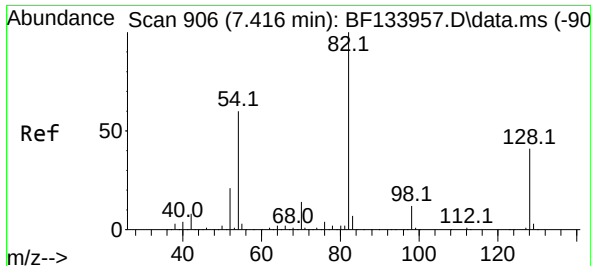
Lab File: BF134167.D

Acq: 09 Jul 2023 02:51

Tgt Ion: 136 Resp: 1156081

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	9.3	6.5	9.7
68	5.7	4.2	6.2

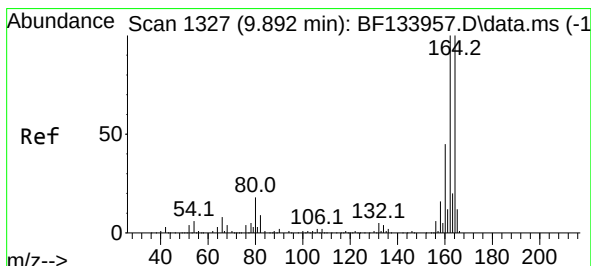
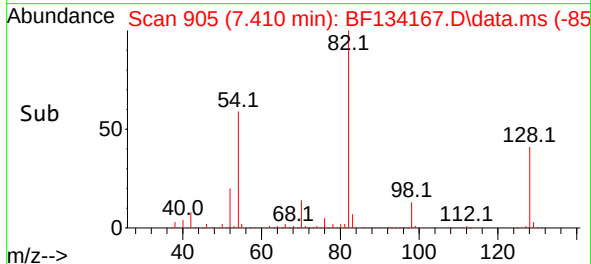
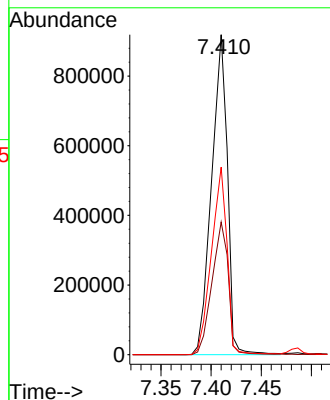
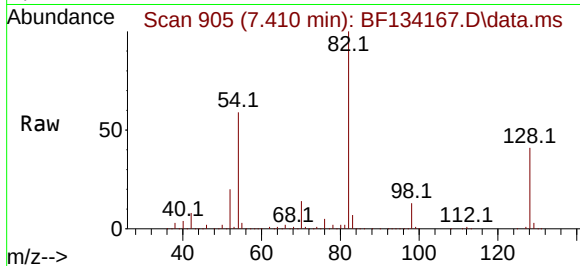




#23
 Nitrobenzene-d5
 Concen: 47.075 ng
 RT: 7.410 min Scan# 906
 Delta R.T. -0.012 min
 Lab File: BF134167.D
 Acq: 09 Jul 2023 02:51

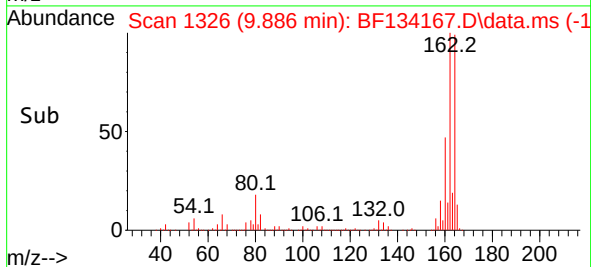
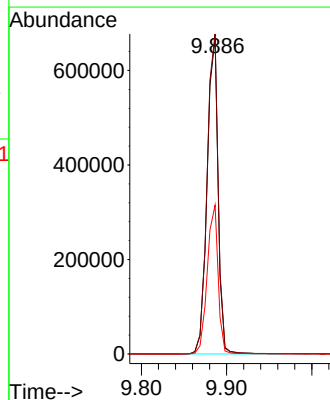
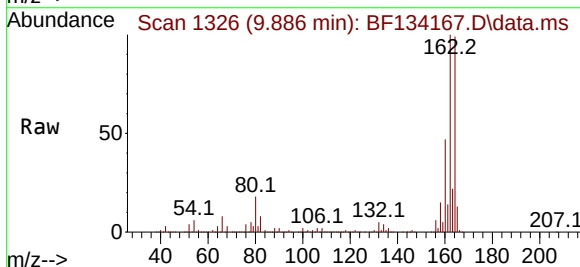
Instrument :
 BNA_F
 ClientSampleId :
 WC-WWS-02

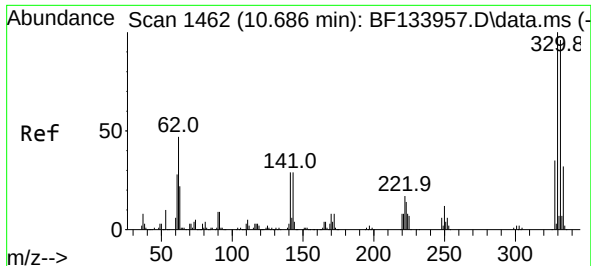
Tgt Ion: 82 Resp: 1009598
 Ion Ratio Lower Upper
 82 100
 128 41.5 32.5 48.7
 54 58.6 48.2 72.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.886 min Scan# 1326
 Delta R.T. -0.006 min
 Lab File: BF134167.D
 Acq: 09 Jul 2023 02:51

Tgt Ion:164 Resp: 598651
 Ion Ratio Lower Upper
 164 100
 162 101.2 80.0 120.0
 160 47.1 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 69.556 ng

RT: 10.680 min Scan# 1461

Delta R.T. -0.006 min

Lab File: BF134167.D

Acq: 09 Jul 2023 02:51

Instrument :

BNA_F

ClientSampleId :

WC-WWS-02

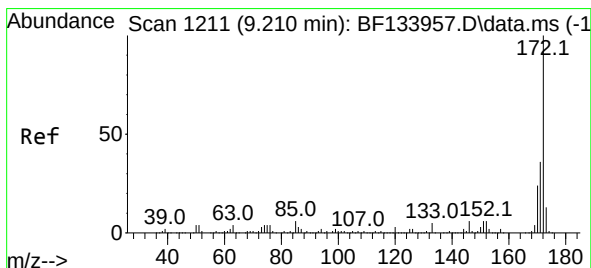
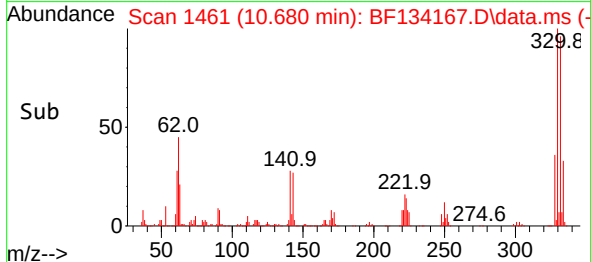
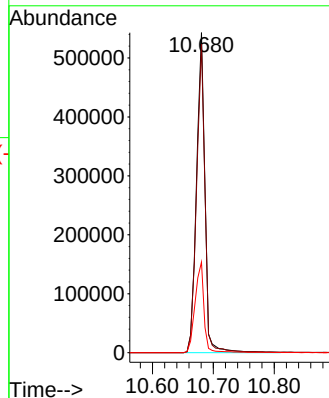
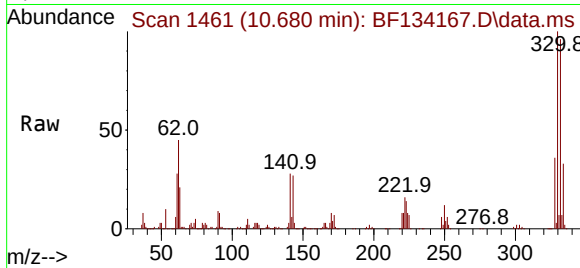
Tgt Ion:330 Resp: 522081

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

141 30.0 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 45.147 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF134167.D

Acq: 09 Jul 2023 02:51

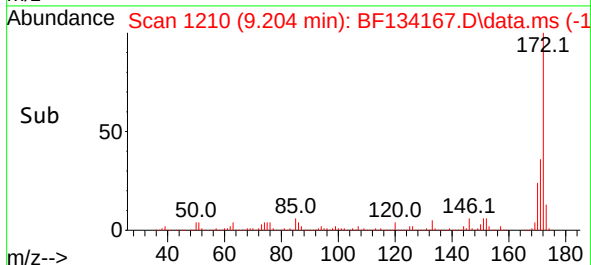
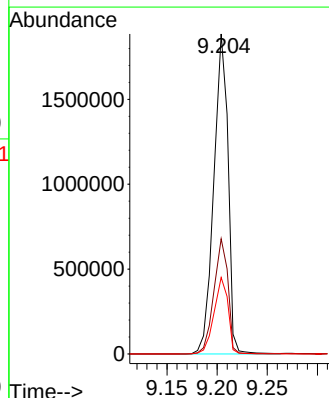
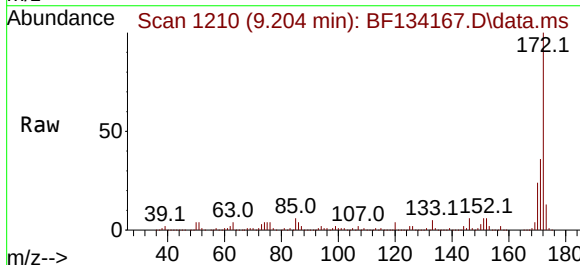
Tgt Ion:172 Resp: 1858968

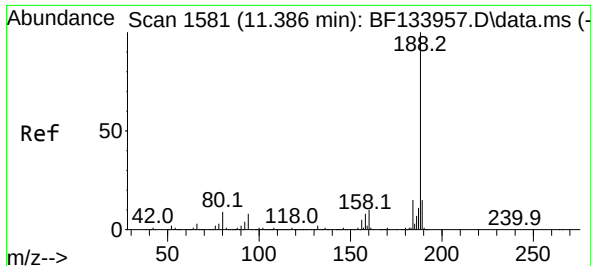
Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

170 23.9 19.4 29.0

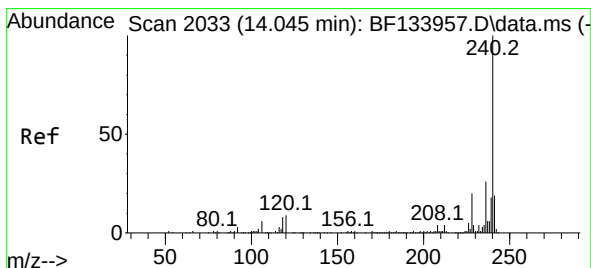
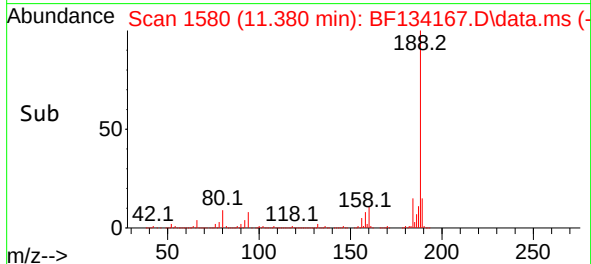
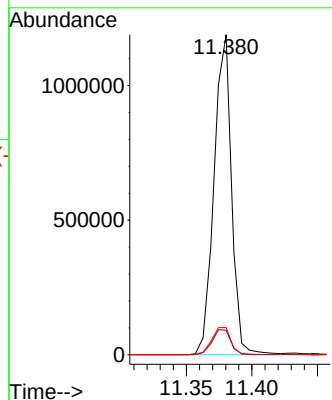
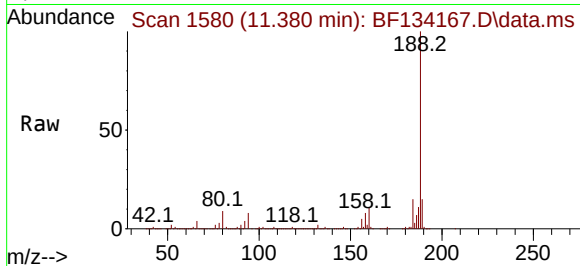




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134167.D
Acq: 09 Jul 2023 02:51

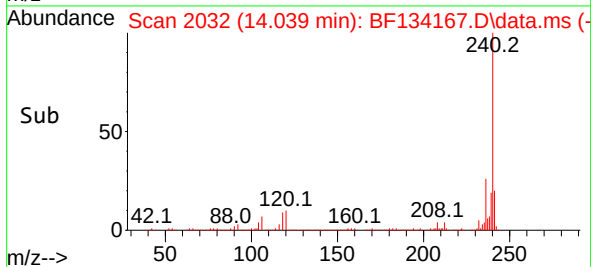
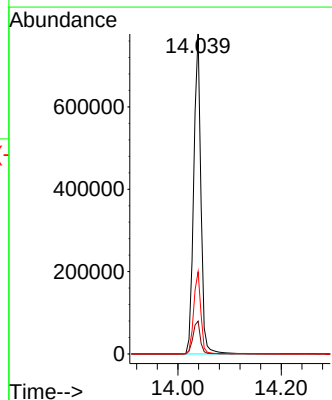
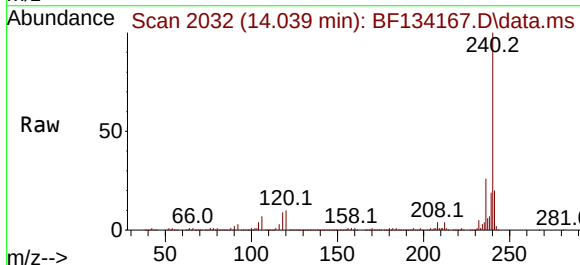
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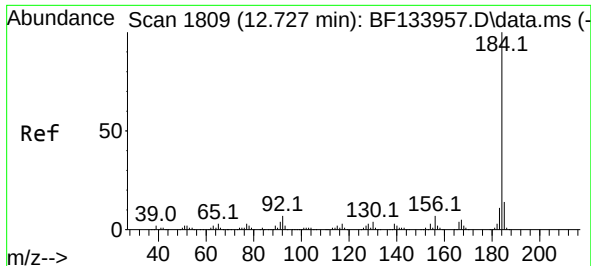
Tgt Ion:188 Resp: 1102365
Ion Ratio Lower Upper
188 100
94 7.7 6.4 9.6
80 8.5 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF134167.D
Acq: 09 Jul 2023 02:51

Tgt Ion:240 Resp: 749090
Ion Ratio Lower Upper
240 100
120 10.3 7.4 11.0
236 25.7 21.0 31.6

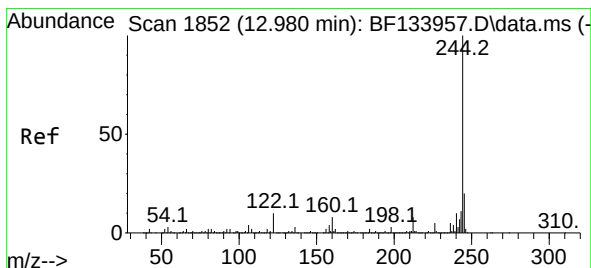
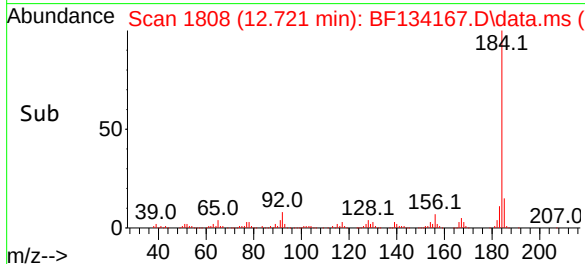
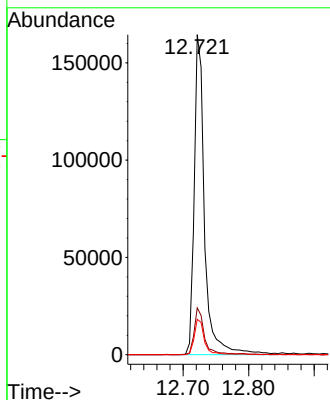
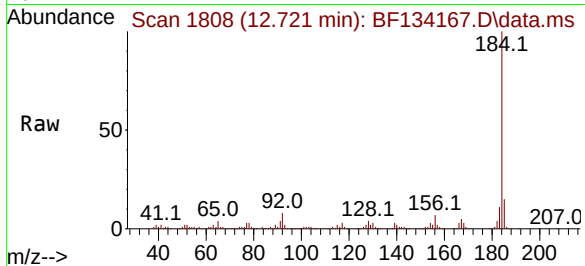




#77
Benzidine
Concen: 10.140 ng
RT: 12.721 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF134167.D
Acq: 09 Jul 2023 02:51

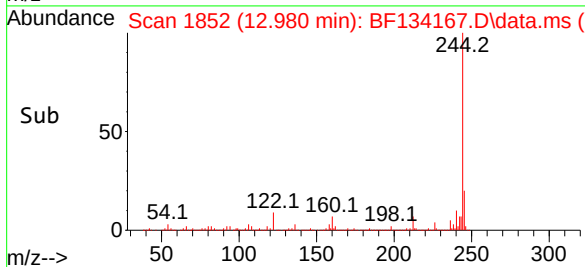
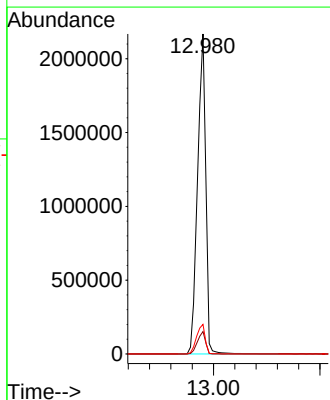
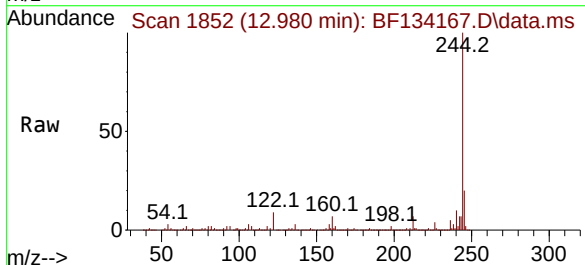
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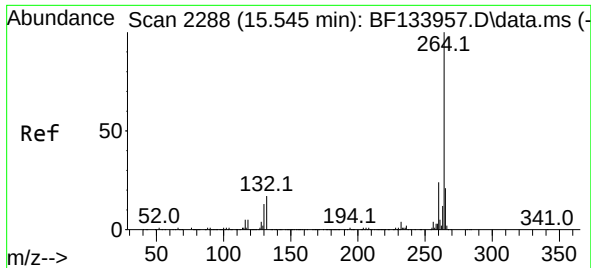
Tgt Ion:184 Resp: 180737
Ion Ratio Lower Upper
184 100
185 14.6 11.6 17.4
183 11.0 8.8 13.2



#79
Terphenyl-d14
Concen: 49.495 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF134167.D
Acq: 09 Jul 2023 02:51

Tgt Ion:244 Resp: 2303681
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 9.2 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF134167.D
 Acq: 09 Jul 2023 02:51

Instrument :
 BNA_F
 ClientSampleId :
 WC-WWS-02

Tgt Ion:264 Resp: 635964
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 22.4 16.6 25.0

