

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
 Data File : BF140923.D
 Acq On : 19 Dec 2024 13:55
 Operator : RC/JU
 Sample : P5291-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-20241213

Quant Time: Dec 19 14:22:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

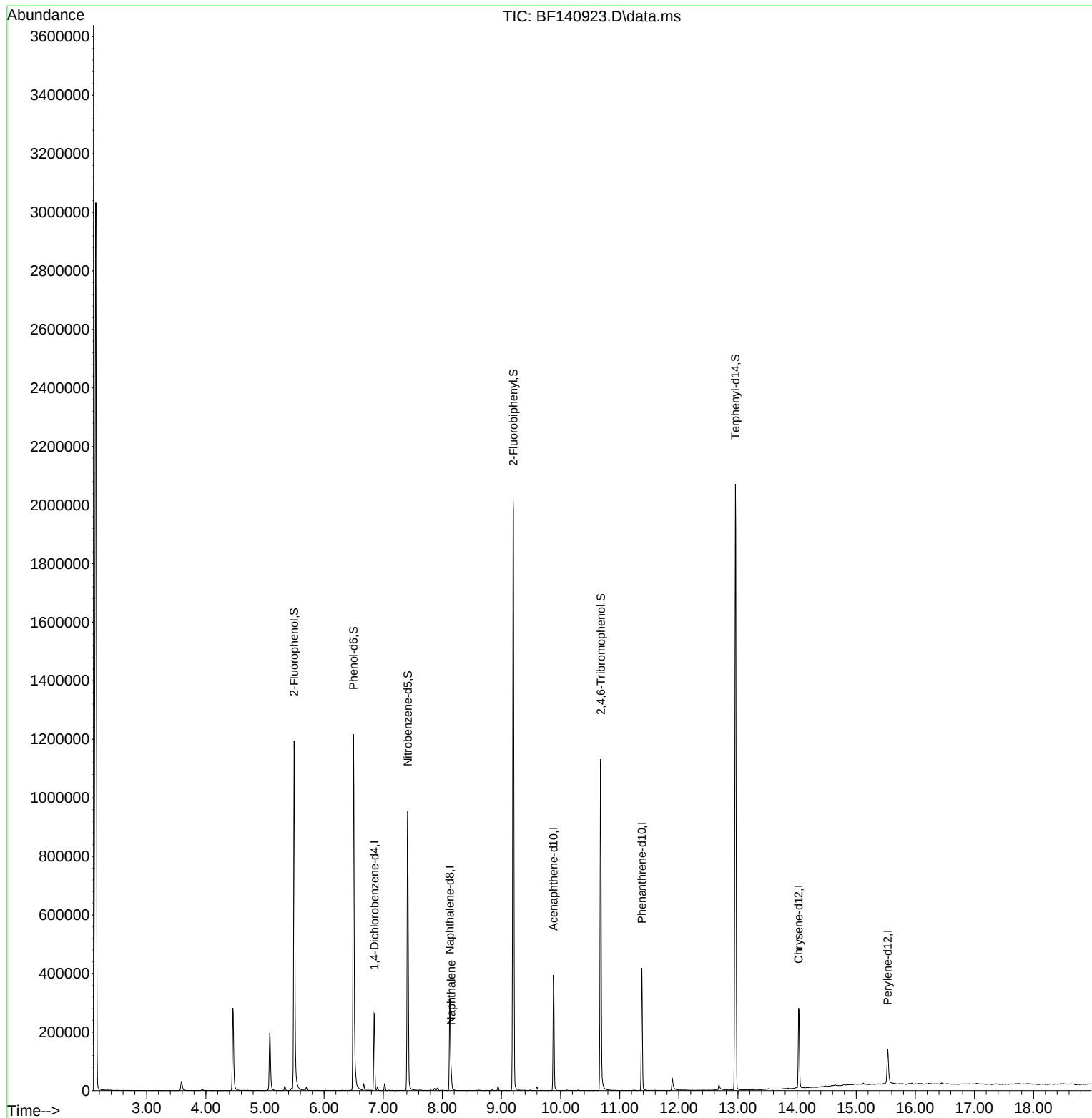
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	61223	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	208045	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	120608	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	226789	20.000	ng	0.00
76) Chrysene-d12	14.027	240	146502	20.000	ng	0.00
86) Perylene-d12	15.533	264	54946	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	509088	136.885	ng	0.00
7) Phenol-d6	6.498	99	642105	130.351	ng	0.00
23) Nitrobenzene-d5	7.416	82	464541	111.714	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	222546	156.014	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	971262	110.717	ng	0.00
79) Terphenyl-d14	12.957	244	1053711	113.416	ng	0.00
Target Compounds						
31) Naphthalene	8.151	128	40824	3.572	ng	Qvalue 98

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

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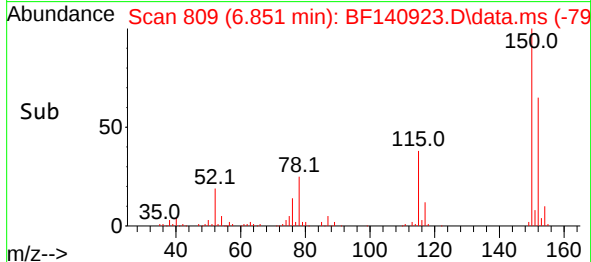
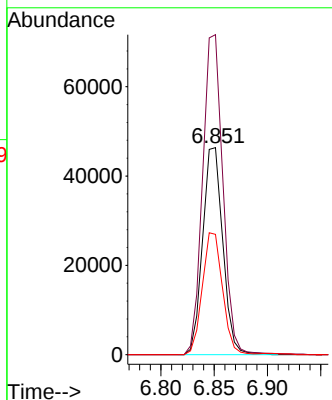
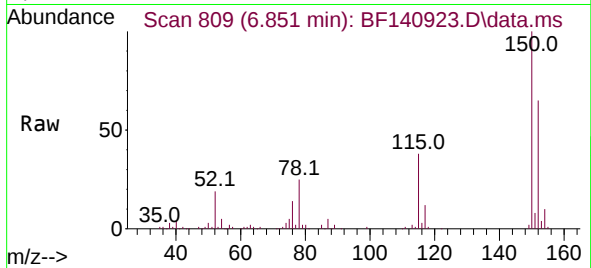




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF140923.D
Acq: 19 Dec 2024 13:55

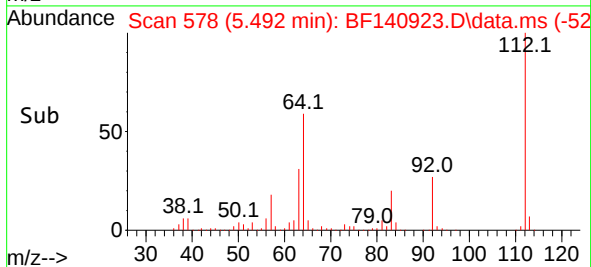
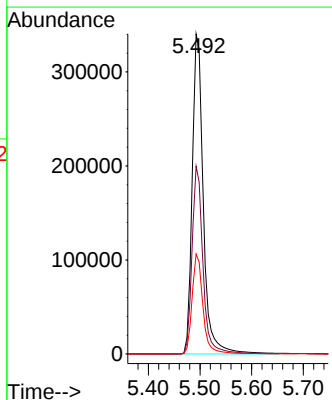
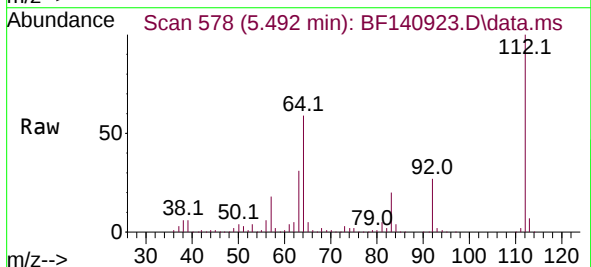
Instrument :
BNA_F
ClientSampleId :
WC-20241213

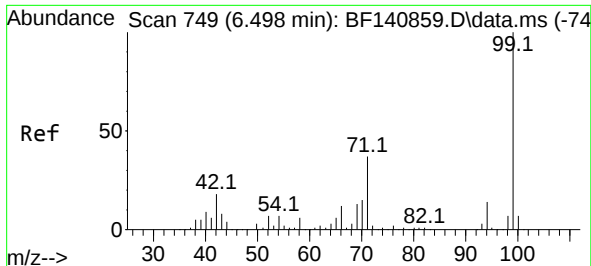
Tgt Ion:152 Resp: 61223
Ion Ratio Lower Upper
152 100
150 154.6 127.9 191.9
115 58.1 48.0 72.0



#5
2-Fluorophenol
Concen: 136.885 ng
RT: 5.492 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF140923.D
Acq: 19 Dec 2024 13:55

Tgt Ion:112 Resp: 509088
Ion Ratio Lower Upper
112 100
64 58.7 46.1 69.1
63 31.3 24.9 37.3



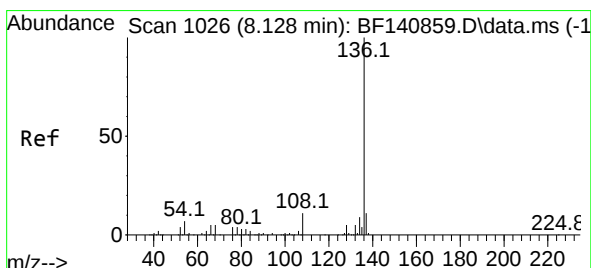
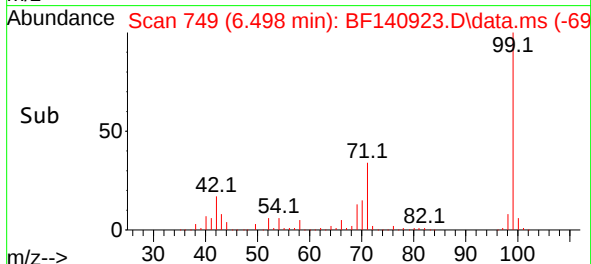
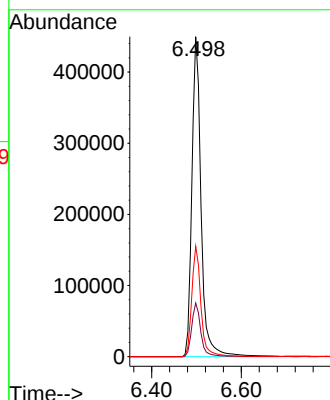
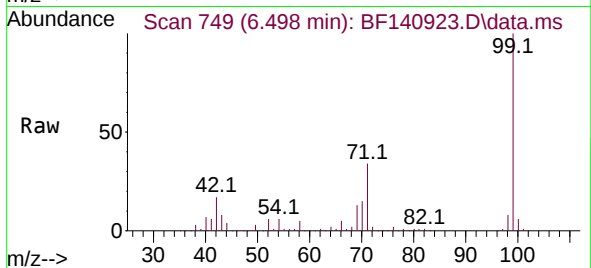


#7
Phenol-d6
Concen: 130.351 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF140923.D
Acq: 19 Dec 2024 13:55

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 642105

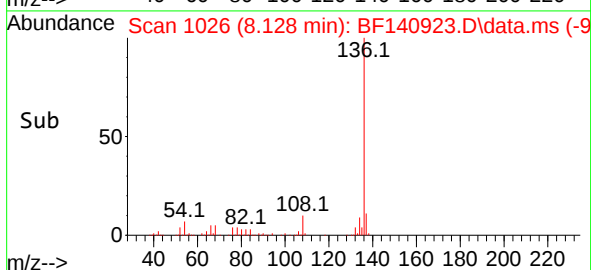
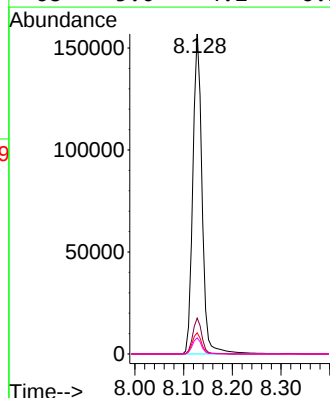
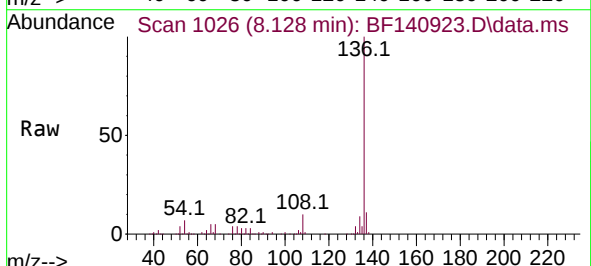
Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.3	21.5
71	34.5	29.9	44.9

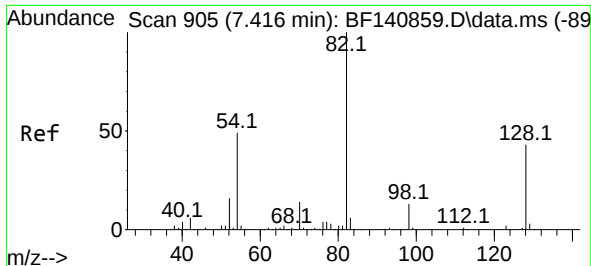


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140923.D
Acq: 19 Dec 2024 13:55

Tgt Ion: 136 Resp: 208045

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.6	5.6	8.4
68	5.0	4.2	6.2

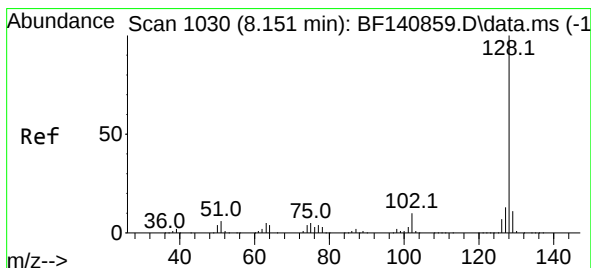
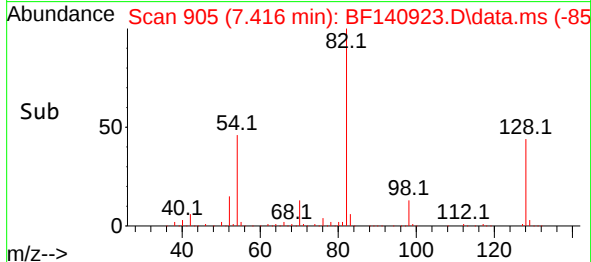
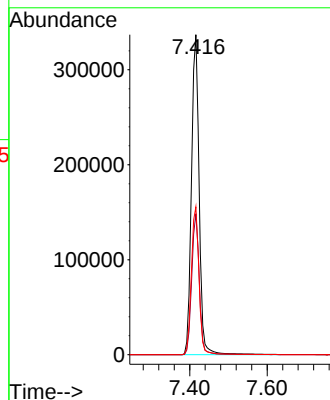
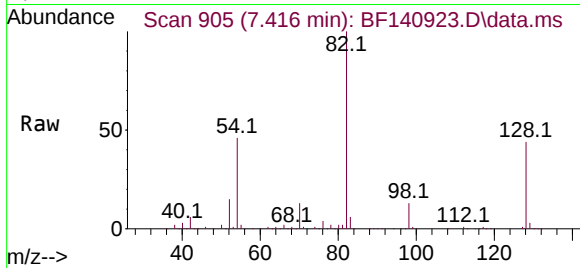




#23
Nitrobenzene-d5
Concen: 111.714 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF140923.D
Acq: 19 Dec 2024 13:55

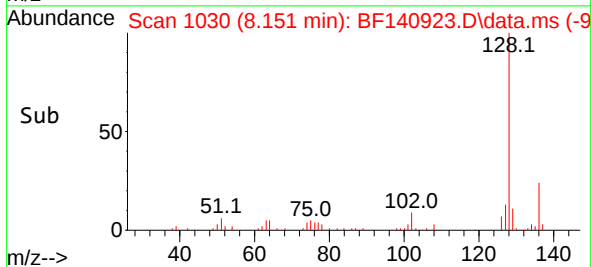
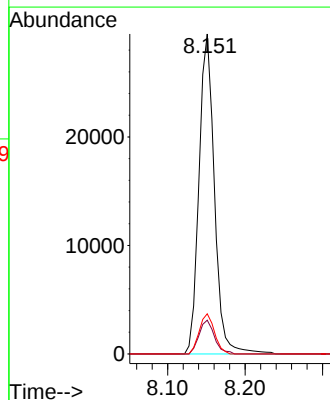
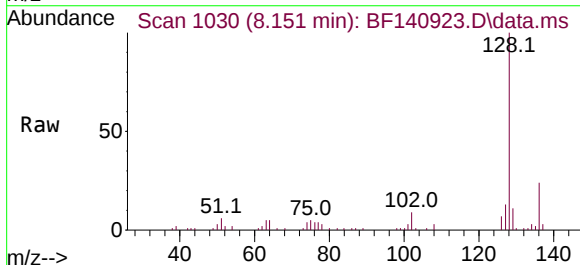
Instrument :
BNA_F
ClientSampleId :
WC-20241213

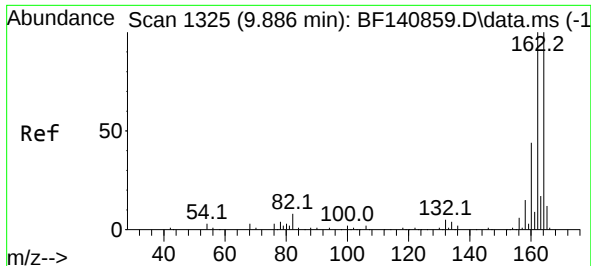
Tgt Ion: 82 Resp: 464541
Ion Ratio Lower Upper
82 100
128 44.0 34.4 51.6
54 46.2 38.8 58.2



#31
Naphthalene
Concen: 3.572 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF140923.D
Acq: 19 Dec 2024 13:55

Tgt Ion:128 Resp: 40824
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 12.5 10.6 16.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140923.D

Acq: 19 Dec 2024 13:55

Instrument :

BNA_F

ClientSampleId :

WC-20241213

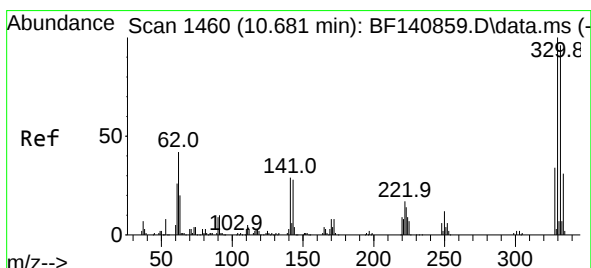
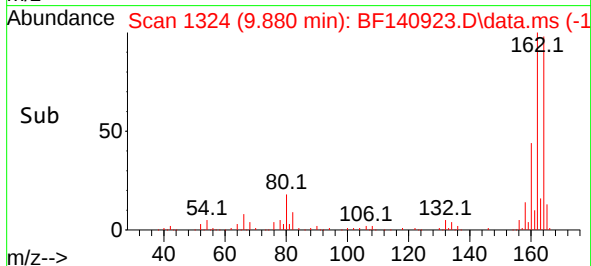
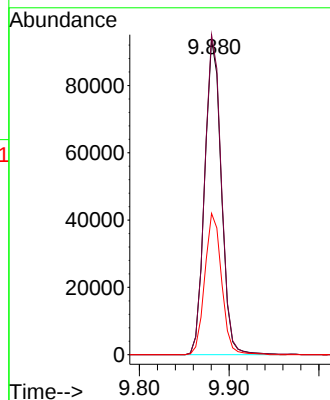
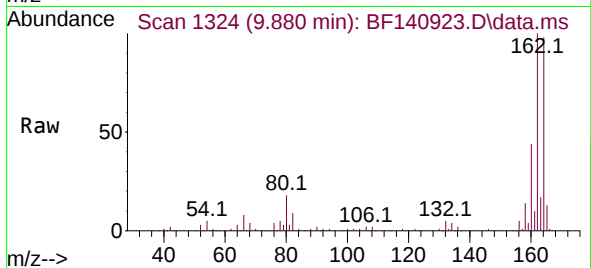
Tgt Ion:164 Resp: 120608

Ion Ratio Lower Upper

164 100

162 101.5 79.9 119.9

160 44.8 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 156.014 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BF140923.D

Acq: 19 Dec 2024 13:55

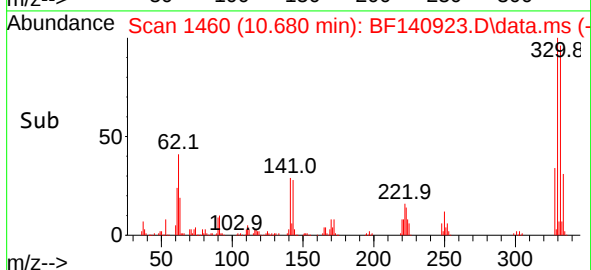
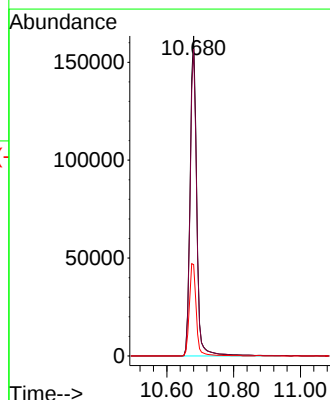
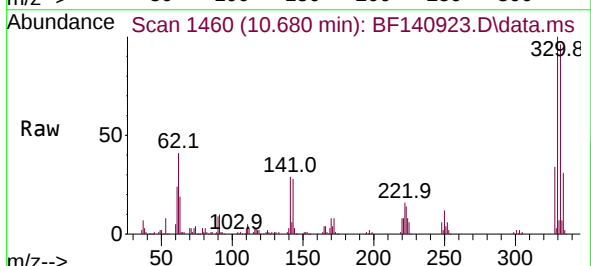
Tgt Ion:330 Resp: 222546

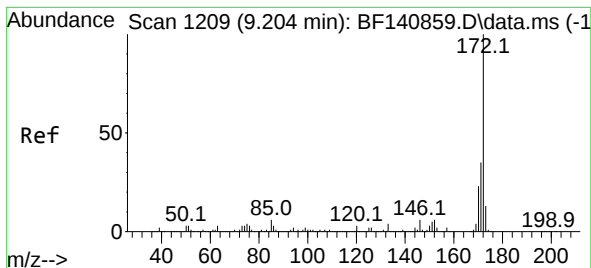
Ion Ratio Lower Upper

330 100

332 95.9 76.2 114.4

141 30.3 24.9 37.3





#45

2-Fluorobiphenyl

Concen: 110.717 ng

RT: 9.204 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140923.D

Acq: 19 Dec 2024 13:55

Instrument :

BNA_F

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WC-20241213

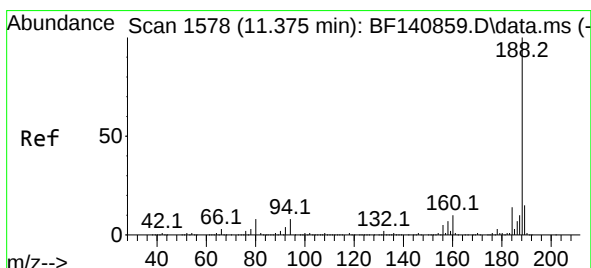
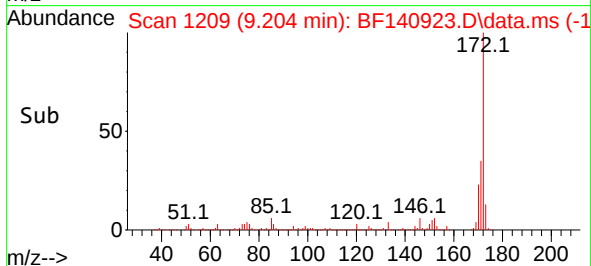
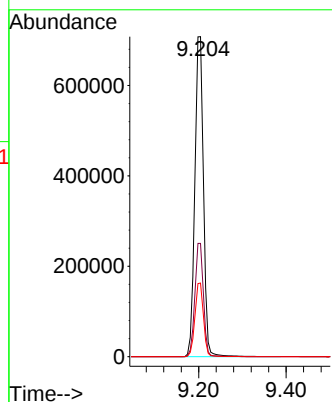
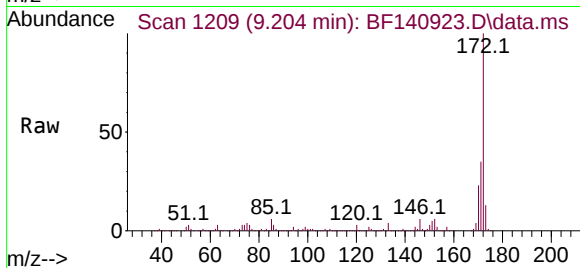
Tgt Ion:172 Resp: 971262

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.0 18.6 28.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BF140923.D

Acq: 19 Dec 2024 13:55

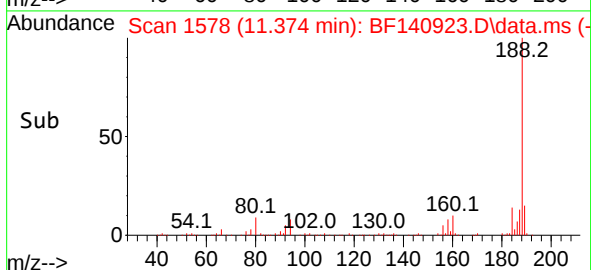
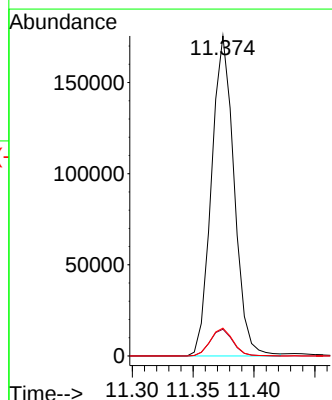
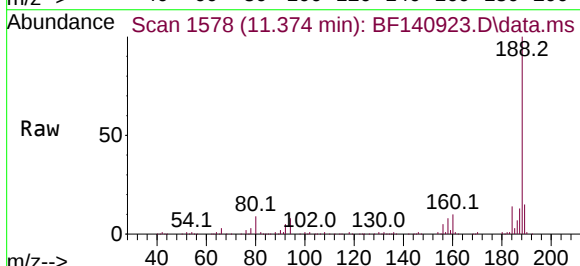
Tgt Ion:188 Resp: 226789

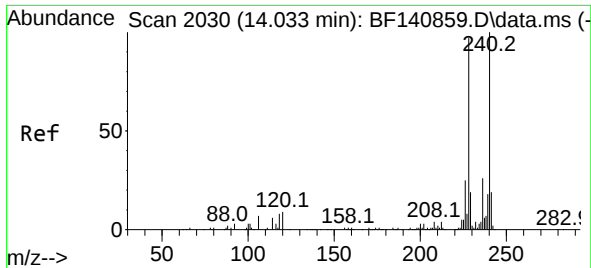
Ion Ratio Lower Upper

188 100

94 8.4 6.4 9.6

80 8.7 6.8 10.2

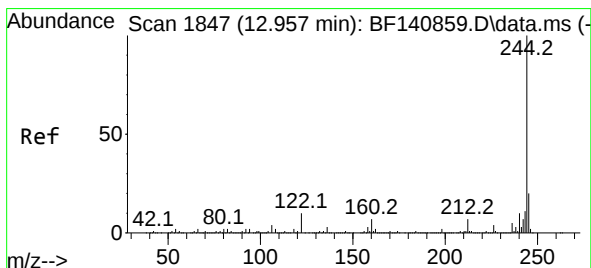
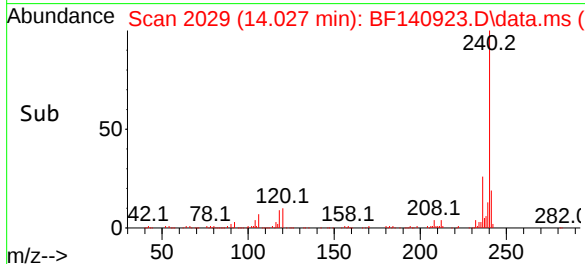
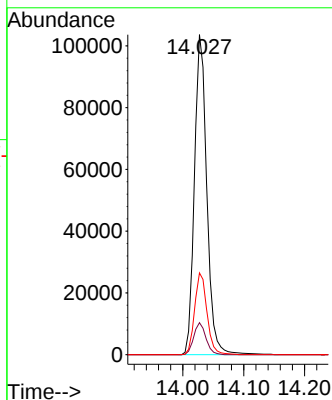
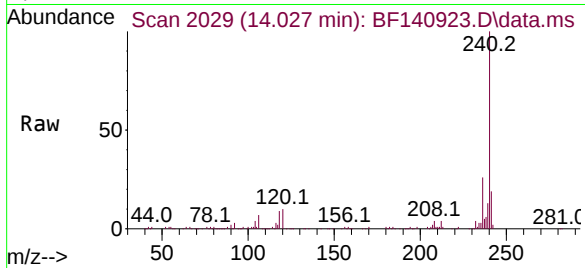




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF140923.D
Acq: 19 Dec 2024 13:55

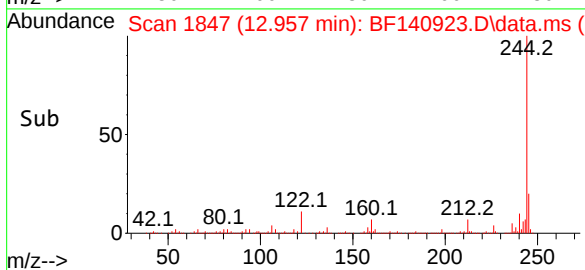
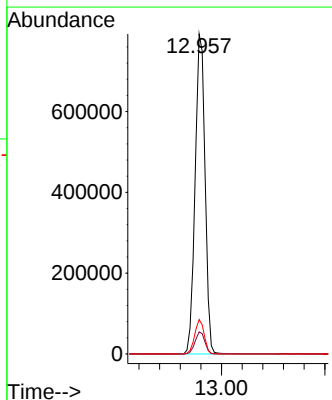
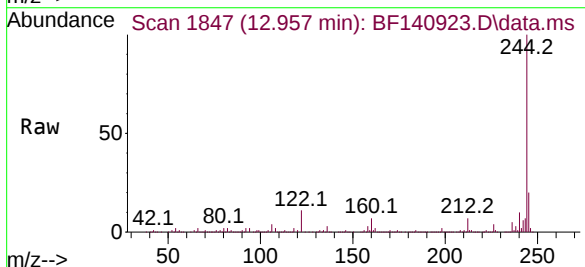
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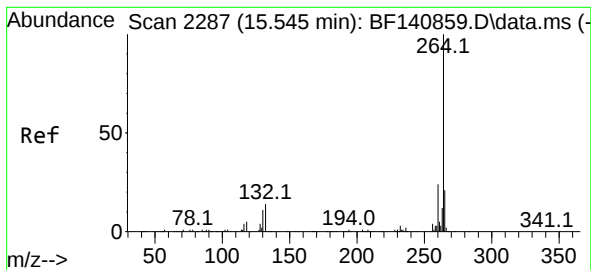
Tgt Ion:240 Resp: 146502
Ion Ratio Lower Upper
240 100
120 10.0 7.6 11.4
236 25.6 20.5 30.7



#79
Terphenyl-d14
Concen: 113.416 ng
RT: 12.957 min Scan# 1847
Delta R.T. -0.000 min
Lab File: BF140923.D
Acq: 19 Dec 2024 13:55

Tgt Ion:244 Resp: 1053711
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 10.7 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF140923.D
 Acq: 19 Dec 2024 13:55

Instrument :
 BNA_F
 ClientSampleId :
 WC-20241213

Tgt Ion:264 Resp: 54946
 Ion Ratio Lower Upper
 264 100
 260 29.7 19.1 28.7#
 265 21.1 17.0 25.4

