

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
Data File : BF140127.D
Acq On : 29 Oct 2024 22:05
Operator : RC/JU
Sample : P4567-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

Quant Time: Oct 30 01:05:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	120971	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	459316	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	236245	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	335599	20.000	ng	0.00
76) Chrysene-d12	14.057	240	241022	20.000	ng	0.00
86) Perylene-d12	15.551	264	228949	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	670824	86.811	ng	0.01
7) Phenol-d6	6.510	99	863709	86.300	ng	0.00
23) Nitrobenzene-d5	7.445	82	581013	70.108	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	171248	77.496	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1015448	71.038	ng	0.00
79) Terphenyl-d14	12.998	244	756619	51.153	ng	0.00

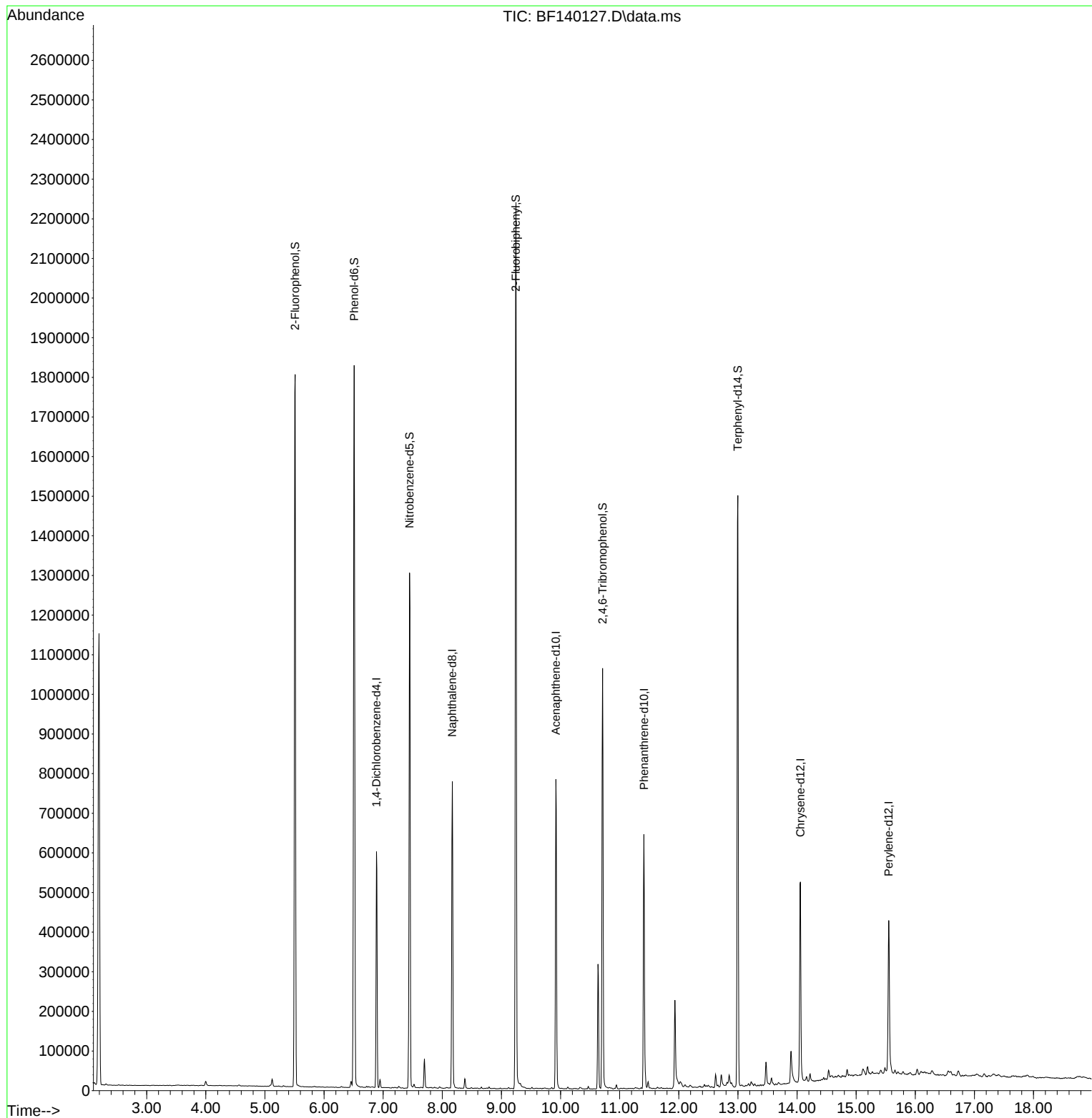
Target Compounds	Qvalue

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

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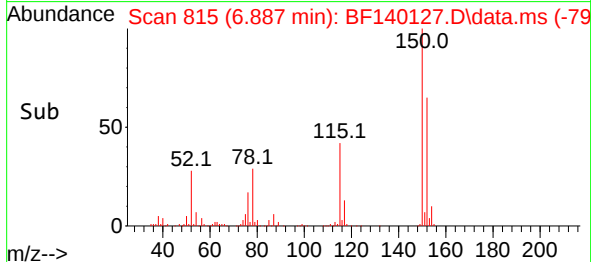
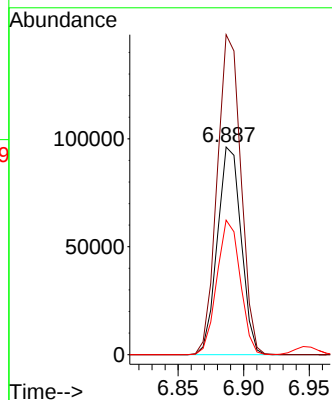
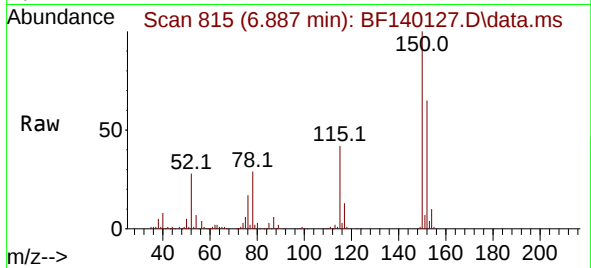




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140127.D
Acq: 29 Oct 2024 22:05

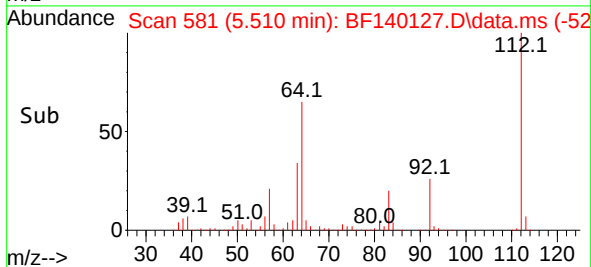
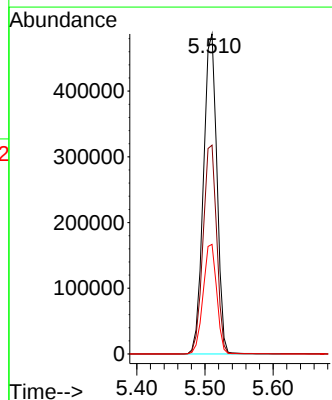
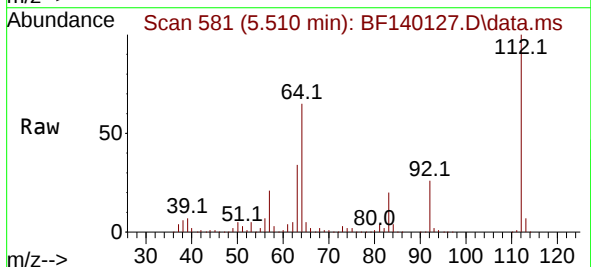
Instrument :
BNA_F
ClientSampleId :
WC-3

Tgt Ion:152 Resp: 120971
Ion Ratio Lower Upper
152 100
150 154.1 130.2 195.2
115 64.8 51.4 77.2



#5
2-Fluorophenol
Concen: 86.811 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140127.D
Acq: 29 Oct 2024 22:05

Tgt Ion:112 Resp: 670824
Ion Ratio Lower Upper
112 100
64 65.3 53.0 79.6
63 34.2 27.0 40.4

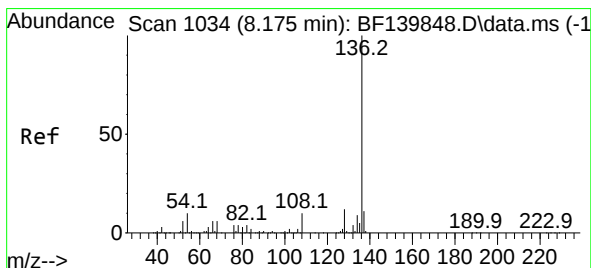
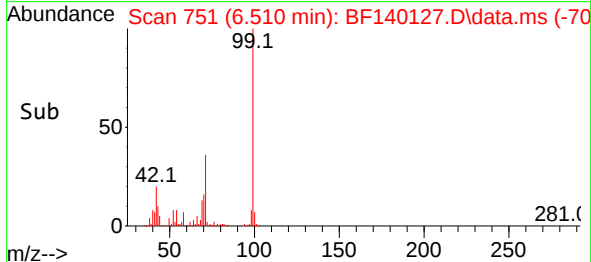
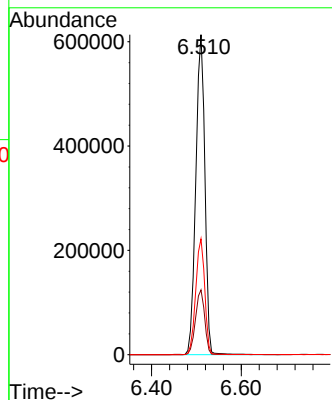
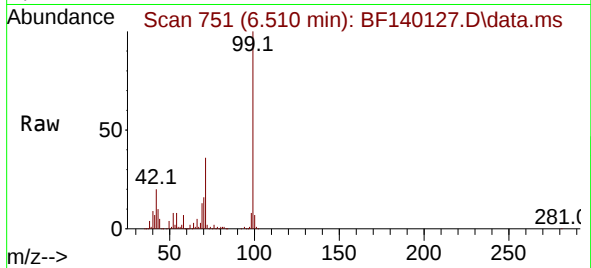




#7
Phenol-d6
Concen: 86.300 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140127.D
Acq: 29 Oct 2024 22:05

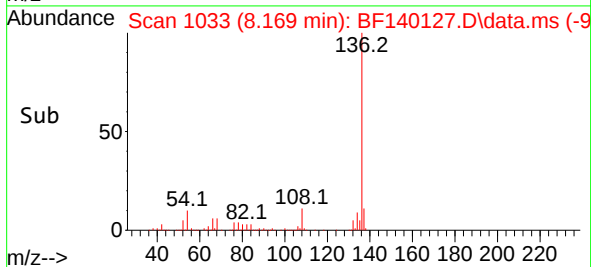
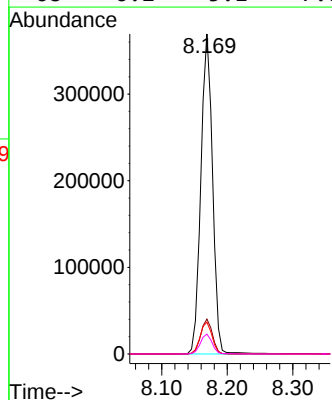
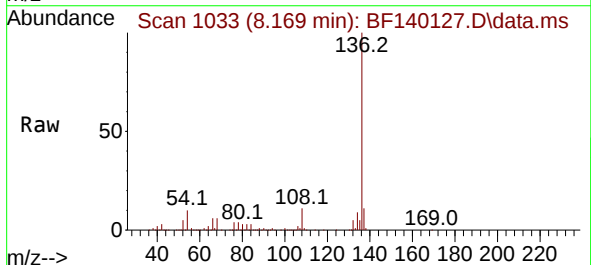
Instrument :
BNA_F
ClientSampleId :
WC-3

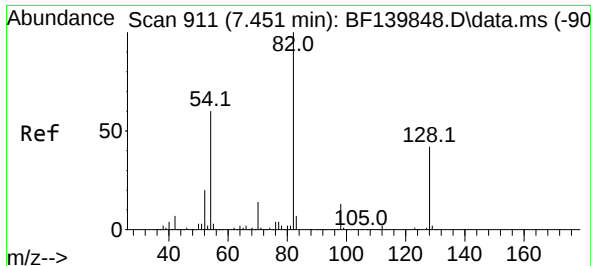
Tgt Ion: 99 Resp: 863709
Ion Ratio Lower Upper
99 100
42 20.2 16.7 25.1
71 36.2 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140127.D
Acq: 29 Oct 2024 22:05

Tgt Ion: 136 Resp: 459316
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.0 8.4 12.6
68 6.2 5.1 7.7





#23

Nitrobenzene-d5

Concen: 70.108 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140127.D

Acq: 29 Oct 2024 22:05

Instrument :

BNA_F

ClientSampleId :

WC-3

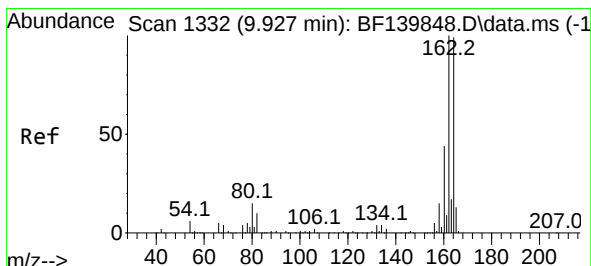
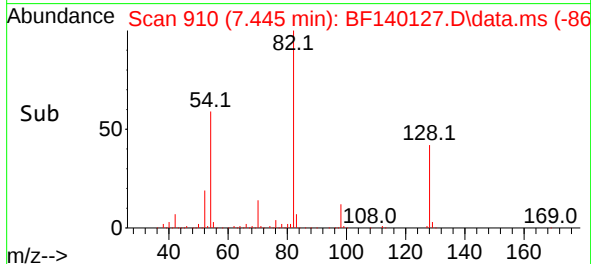
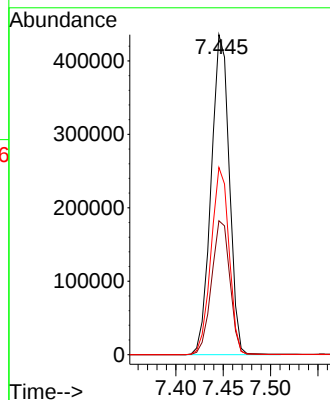
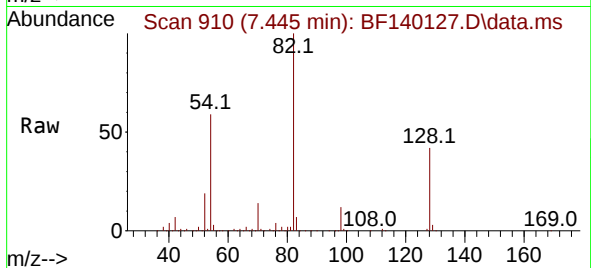
Tgt Ion: 82 Resp: 581013

Ion Ratio Lower Upper

82 100

128 41.9 33.4 50.0

54 58.5 47.8 71.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.005 min

Lab File: BF140127.D

Acq: 29 Oct 2024 22:05

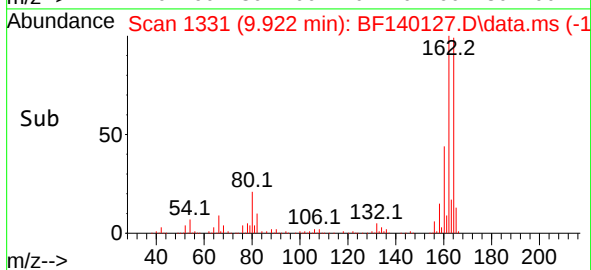
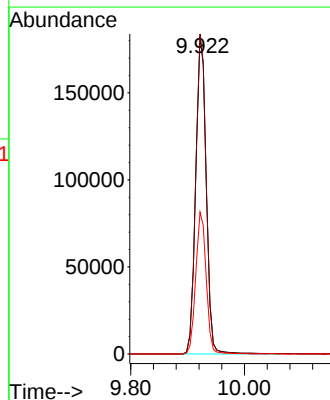
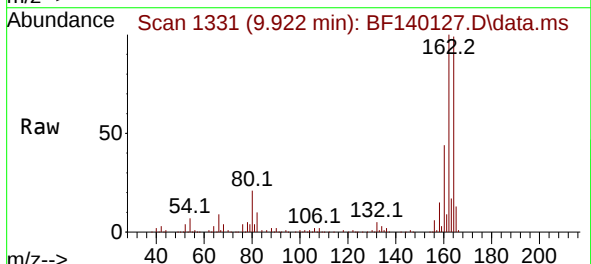
Tgt Ion: 164 Resp: 236245

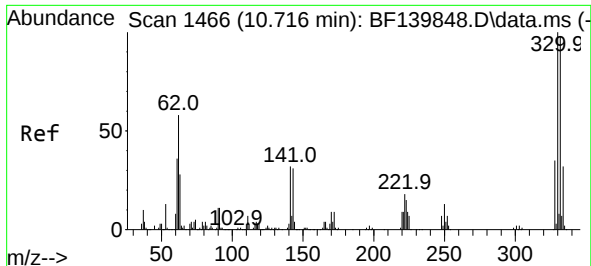
Ion Ratio Lower Upper

164 100

162 100.8 81.0 121.4

160 44.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 77.496 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF140127.D

Acq: 29 Oct 2024 22:05

Instrument :

BNA_F

ClientSampleId :

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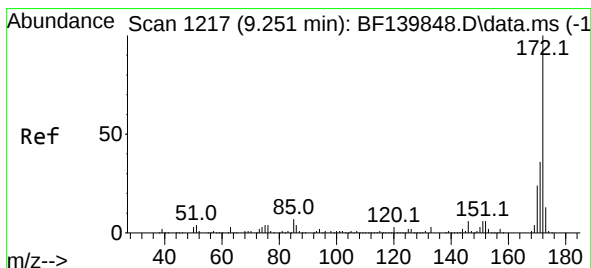
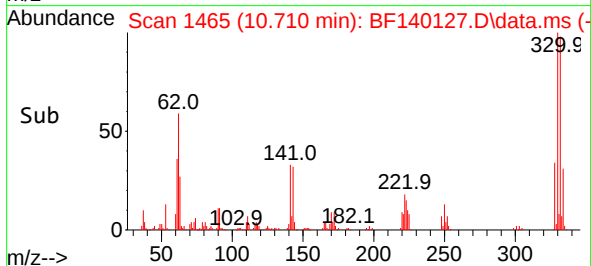
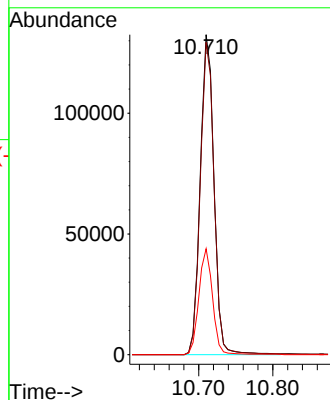
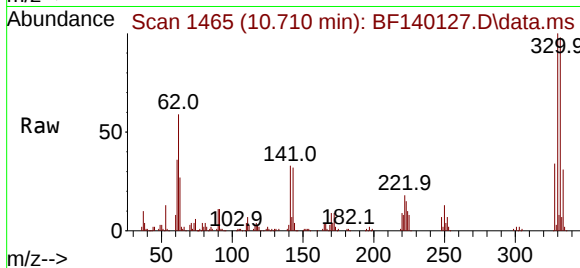
Tgt Ion:330 Resp: 171248

Ion Ratio Lower Upper

330 100

332 98.2 78.1 117.1

141 33.0 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 71.038 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140127.D

Acq: 29 Oct 2024 22:05

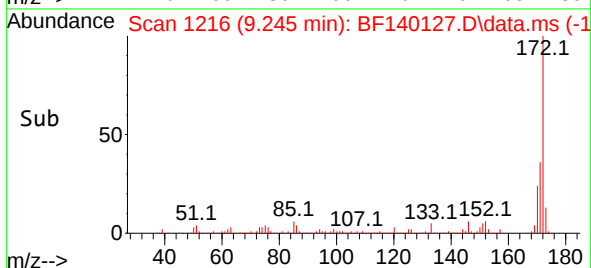
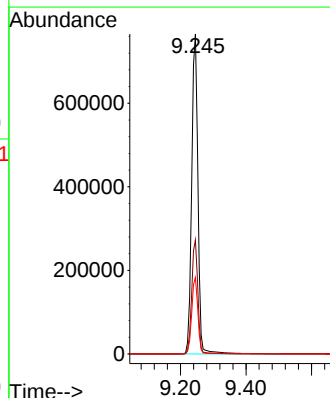
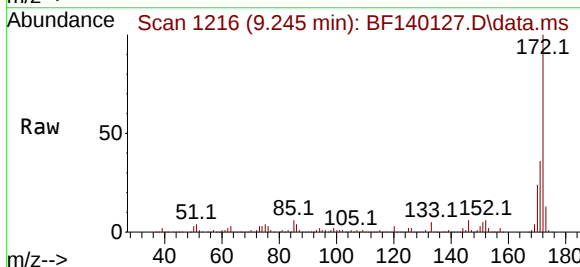
Tgt Ion:172 Resp: 1015448

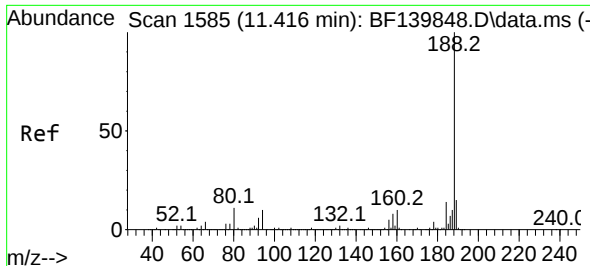
Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 23.9 19.1 28.7

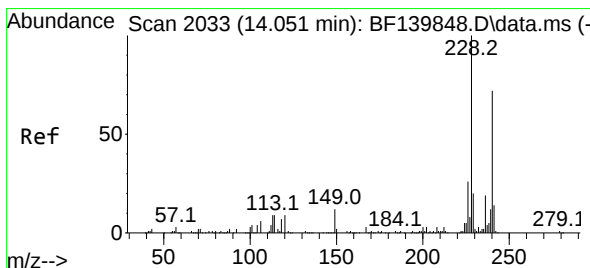
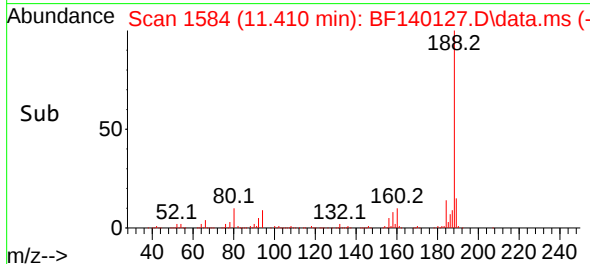
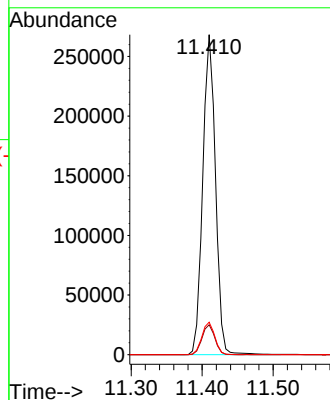
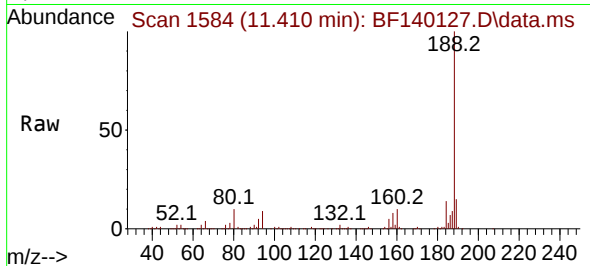




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140127.D
Acq: 29 Oct 2024 22:05

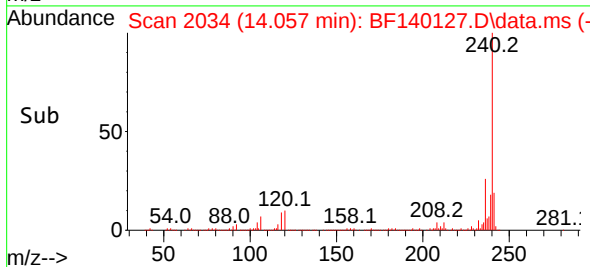
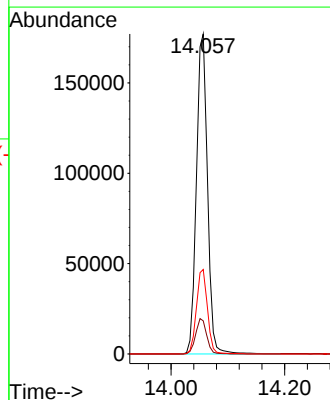
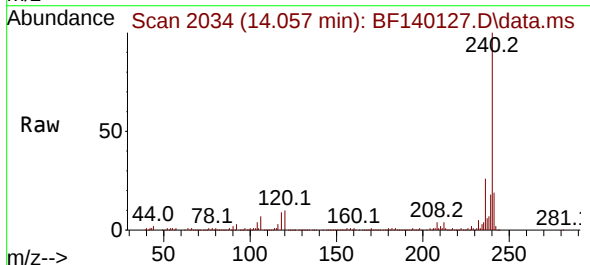
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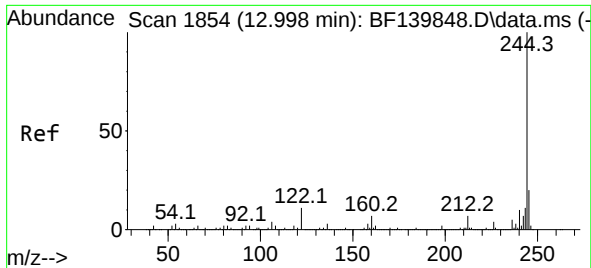
Tgt Ion:188 Resp: 335599
Ion Ratio Lower Upper
188 100
94 9.3 7.9 11.9
80 10.1 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140127.D
Acq: 29 Oct 2024 22:05

Tgt Ion:240 Resp: 241022
Ion Ratio Lower Upper
240 100
120 10.3 9.4 14.2
236 26.4 20.9 31.3

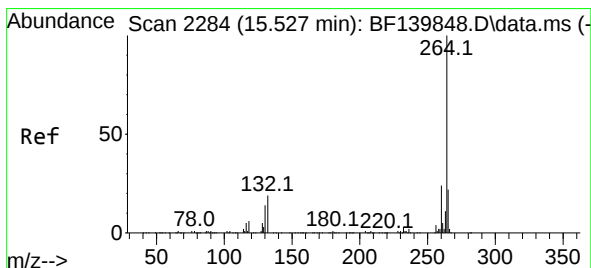
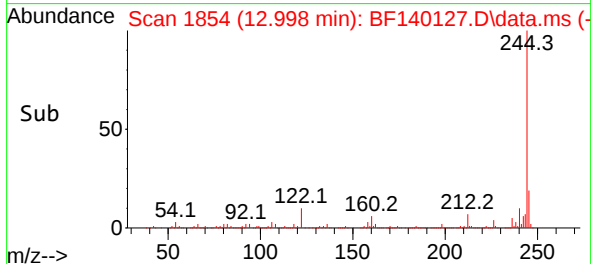
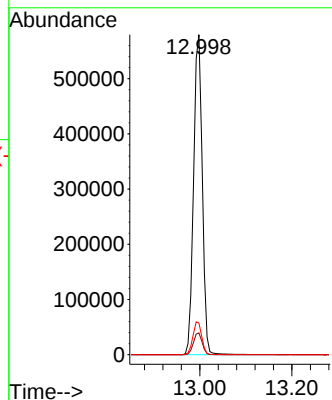
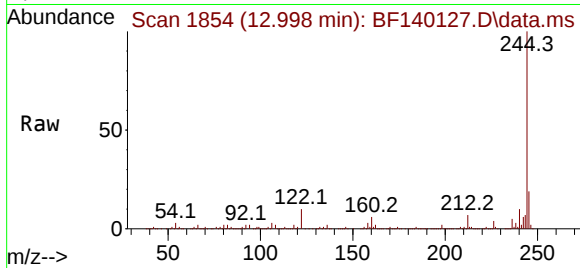




#79
 Terphenyl-d14
 Concen: 51.153 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF140127.D
 Acq: 29 Oct 2024 22:05

Instrument :
 BNA_F
 ClientSampleId :
 WC-3

Tgt Ion:244 Resp: 756619
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 9.9 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2288
 Delta R.T. 0.024 min
 Lab File: BF140127.D
 Acq: 29 Oct 2024 22:05

Tgt Ion:264 Resp: 228949
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 21.5 17.4 26.0

