

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090722\
 Data File : BF130163.D
 Acq On : 07 Sep 2022 15:43
 Operator : CG\JU
 Sample : N4490-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14-B-SP

Quant Time: Sep 08 02:49:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	180381	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	703349	20.000	ng	0.00
39) Acenaphthene-d10	9.722	164	361909	20.000	ng	-0.01
64) Phenanthrene-d10	11.204	188	547387	20.000	ng	0.00
76) Chrysene-d12	13.833	240	325645	20.000	ng	-0.01
86) Perylene-d12	15.233	264	370921	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.316	112	1454802	136.918	ng	0.02
7) Phenol-d6	6.334	99	1656281	125.033	ng	0.00
23) Nitrobenzene-d5	7.263	82	1164094	106.365	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	495846	150.513	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	2022218	92.641	ng	0.00
79) Terphenyl-d14	12.792	244	1749534	93.166	ng	0.00

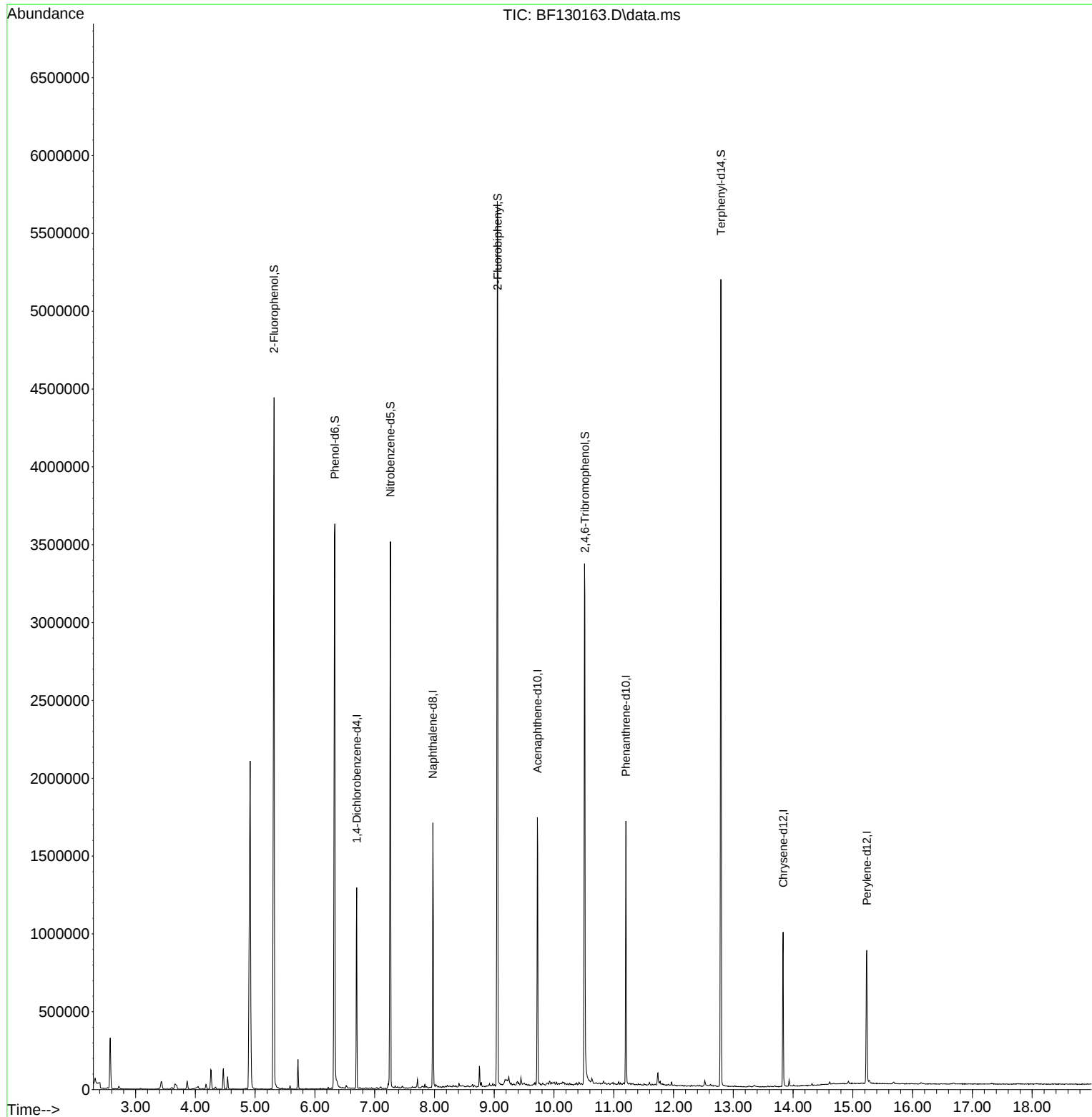
Target Compounds	Qvalue

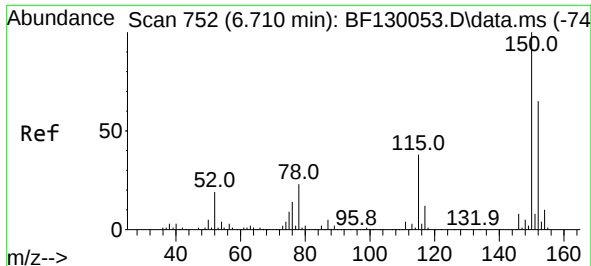
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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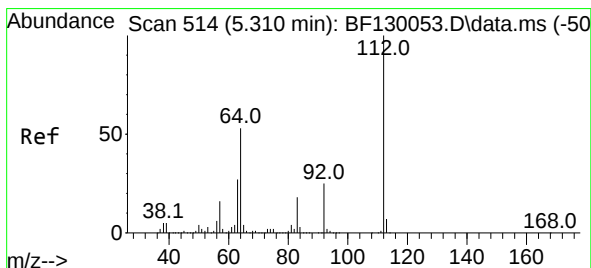
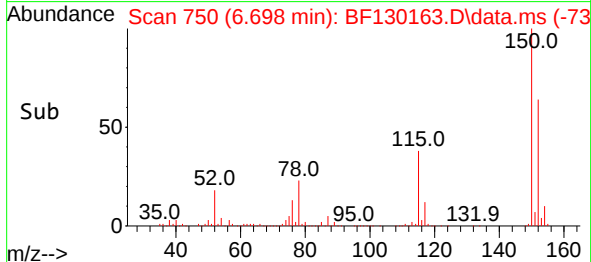
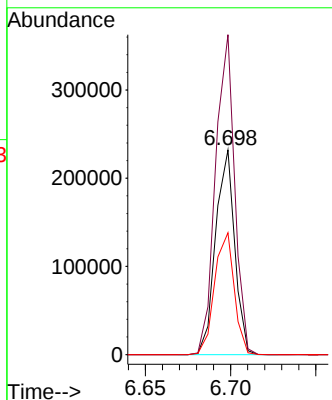
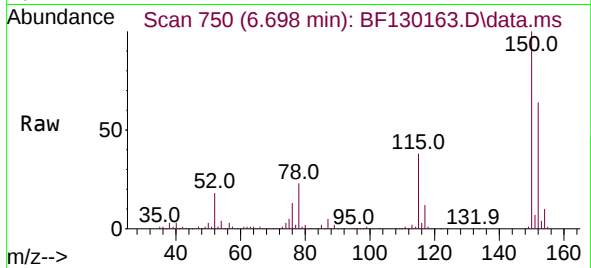




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.698 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130163.D
 Acq: 07 Sep 2022 15:43

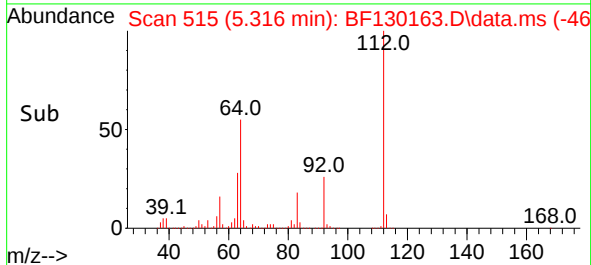
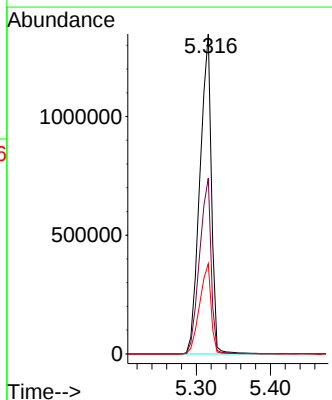
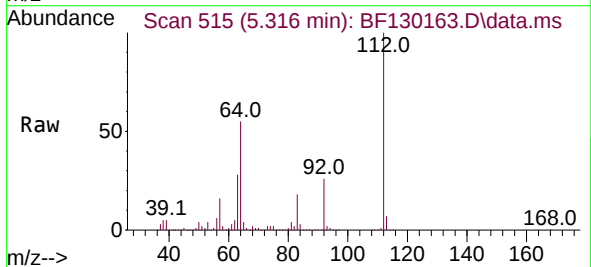
Instrument :
 BNA_F
 ClientSampleId :
 WC-14-B-SP

Tgt Ion:152 Resp: 180381
 Ion Ratio Lower Upper
 152 100
 150 156.5 126.9 190.3
 115 59.6 53.4 80.0



#5
 2-Fluorophenol
 Concen: 136.918 ng
 RT: 5.316 min Scan# 515
 Delta R.T. 0.018 min
 Lab File: BF130163.D
 Acq: 07 Sep 2022 15:43

Tgt Ion:112 Resp: 1454802
 Ion Ratio Lower Upper
 112 100
 64 54.9 47.6 71.4
 63 28.2 24.6 37.0

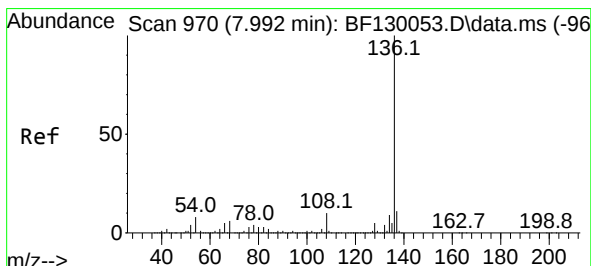
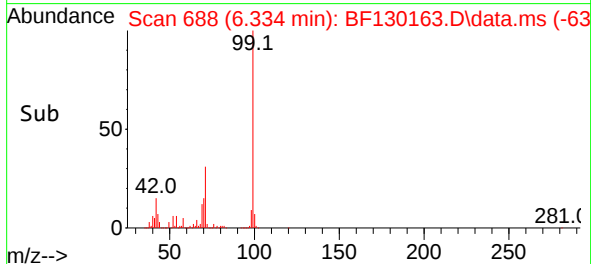
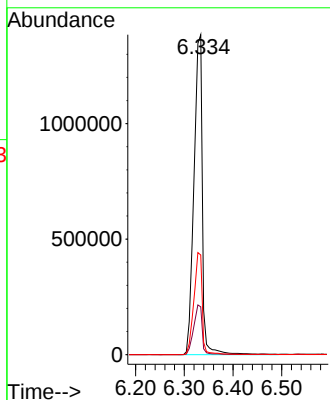
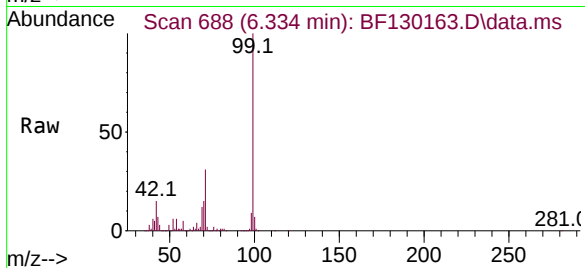




#7
Phenol-d6
Concen: 125.033 ng
RT: 6.334 min Scan# 68
Delta R.T. 0.000 min
Lab File: BF130163.D
Acq: 07 Sep 2022 15:43

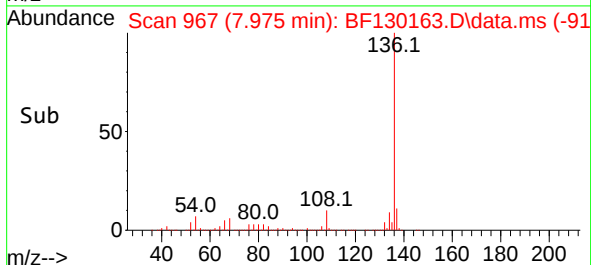
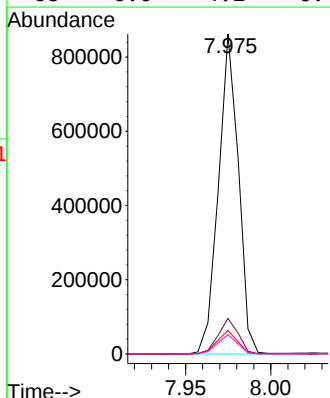
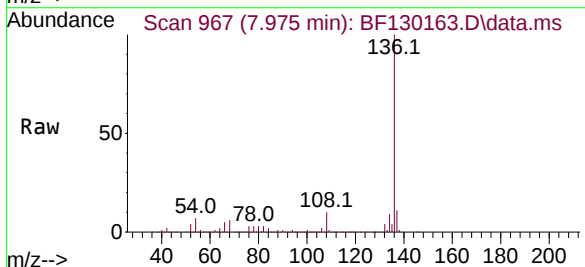
Instrument :
BNA_F
ClientSampleId :
WC-14-B-SP

Tgt Ion: 99 Resp: 1656281
Ion Ratio Lower Upper
99 100
42 14.9 15.0 22.4#
71 31.1 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF130163.D
Acq: 07 Sep 2022 15:43

Tgt Ion: 136 Resp: 703349
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.3 6.2 9.2
68 6.0 4.2 6.4





#23

Nitrobenzene-d5

Concen: 106.365 ng

RT: 7.263 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF130163.D

Acq: 07 Sep 2022 15:43

Instrument :

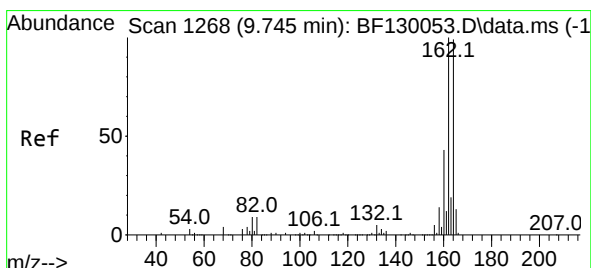
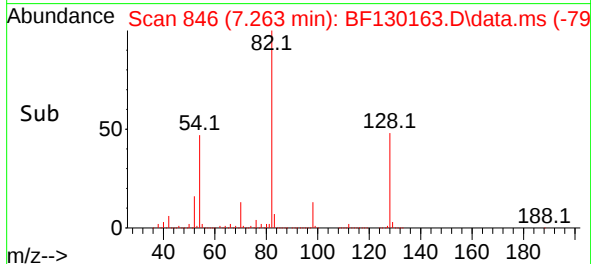
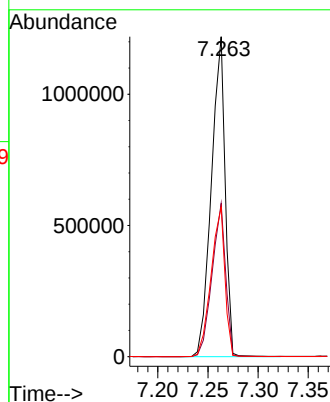
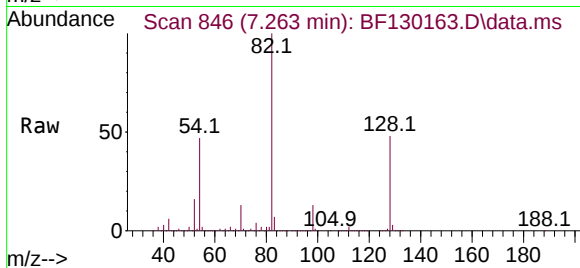
BNA_F

ClientSampleId :

WC-14-B-SP

Tgt Ion: 82 Resp: 1164094

Ion	Ratio	Lower	Upper
82	100		
128	47.9	36.1	54.1
54	46.7	40.0	60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.722 min Scan# 1264

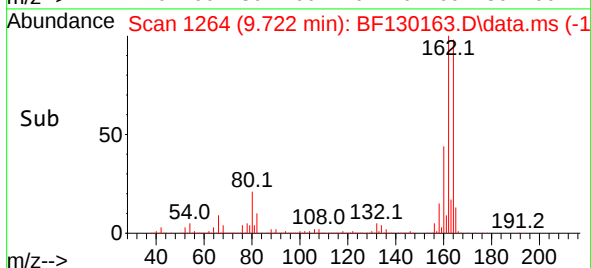
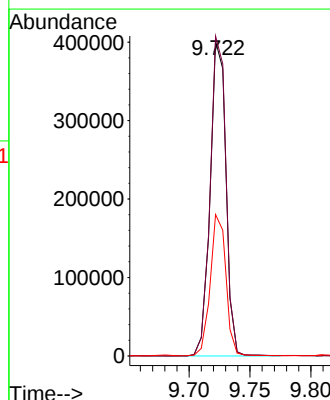
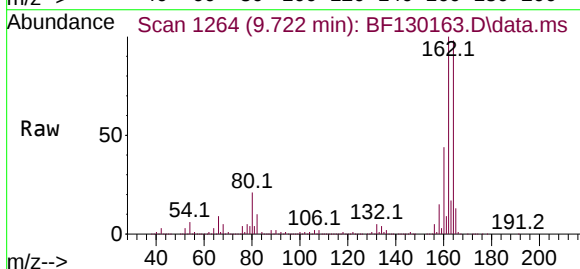
Delta R.T. -0.012 min

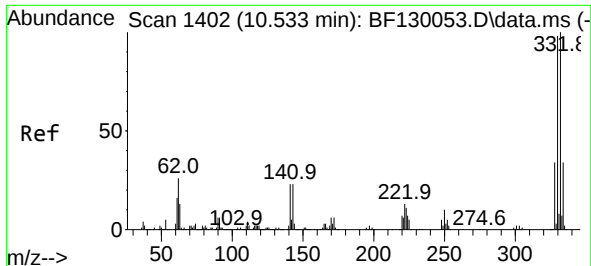
Lab File: BF130163.D

Acq: 07 Sep 2022 15:43

Tgt Ion: 164 Resp: 361909

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.0	123.0
160	44.9	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 150.513 ng

RT: 10.516 min Scan# 1399

Delta R.T. -0.006 min

Lab File: BF130163.D

Acq: 07 Sep 2022 15:43

Instrument :

BNA_F

ClientSampleId :

WC-14-B-SP

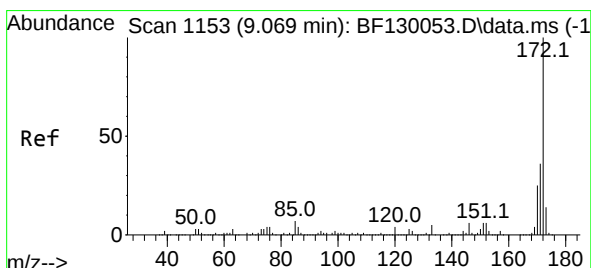
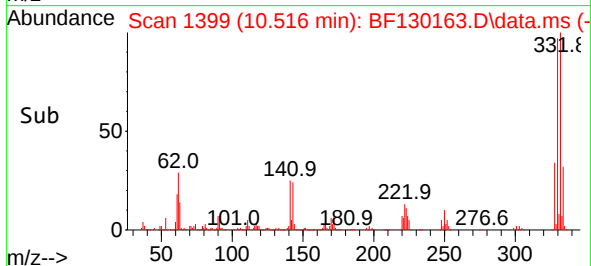
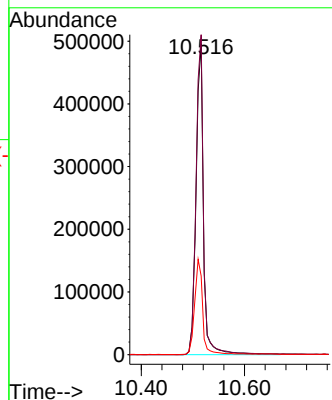
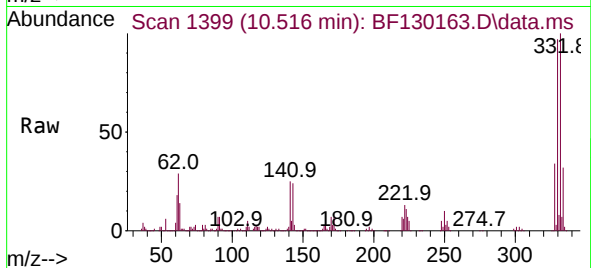
Tgt Ion:330 Resp: 495846

Ion Ratio Lower Upper

330 100

332 103.1 82.6 124.0

141 33.2 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 92.641 ng

RT: 9.057 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF130163.D

Acq: 07 Sep 2022 15:43

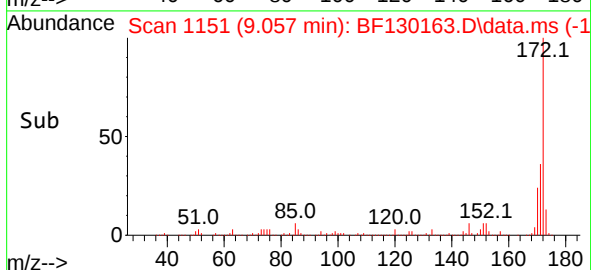
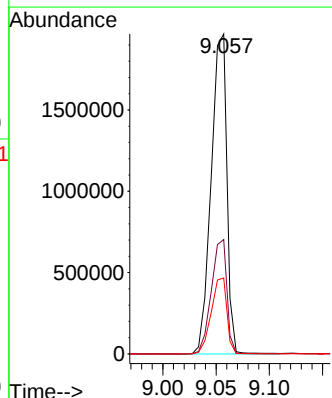
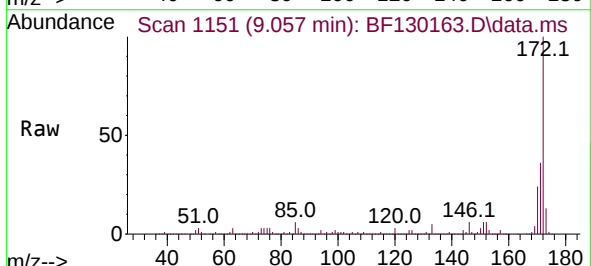
Tgt Ion:172 Resp: 2022218

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.7 19.1 28.7

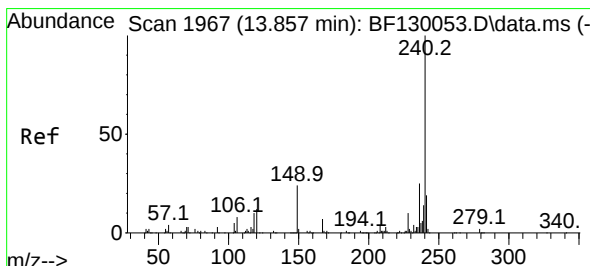
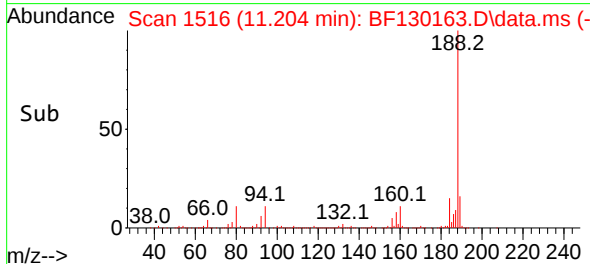
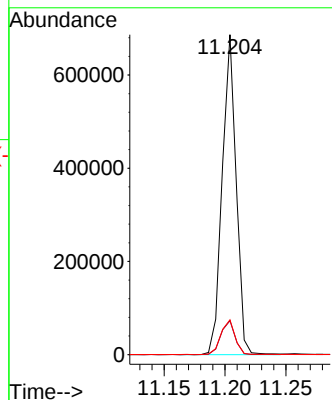
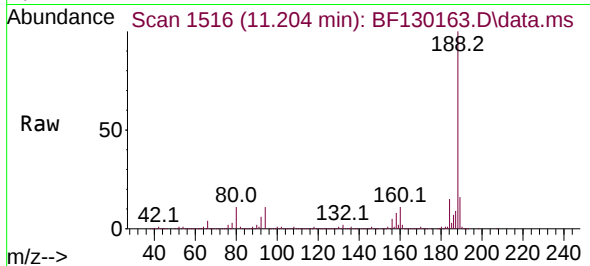




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130163.D
Acq: 07 Sep 2022 15:43

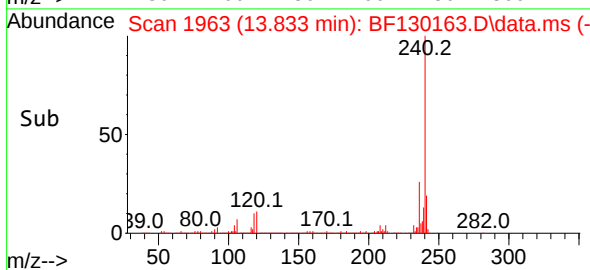
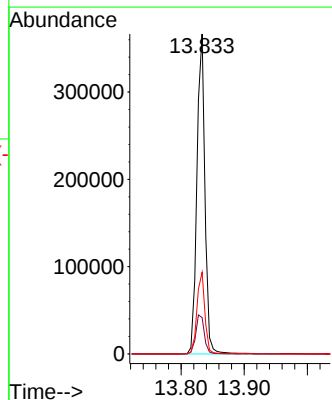
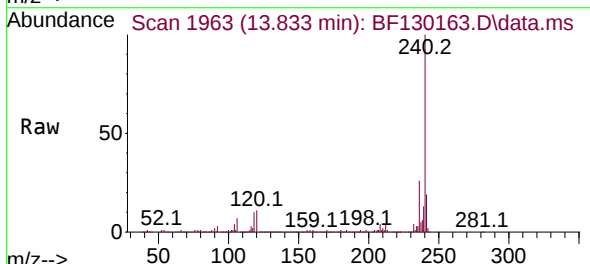
Instrument :
BNA_F
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WC-14-B-SP

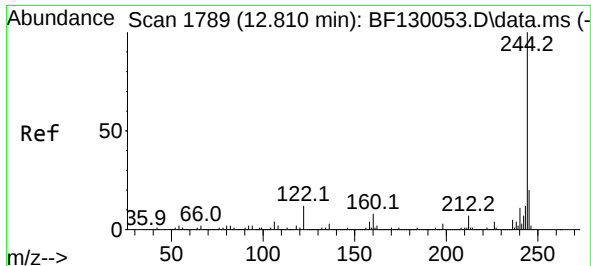
Tgt Ion:188 Resp: 547387
Ion Ratio Lower Upper
188 100
94 10.6 7.4 11.2
80 10.9 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130163.D
Acq: 07 Sep 2022 15:43

Tgt Ion:240 Resp: 325645
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 25.5 20.7 31.1

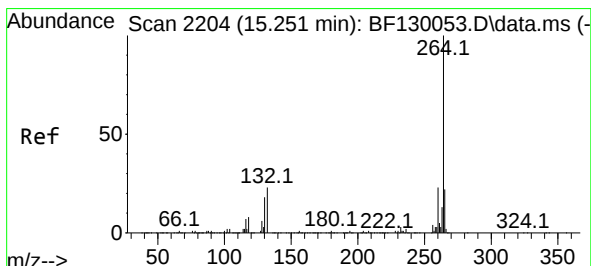
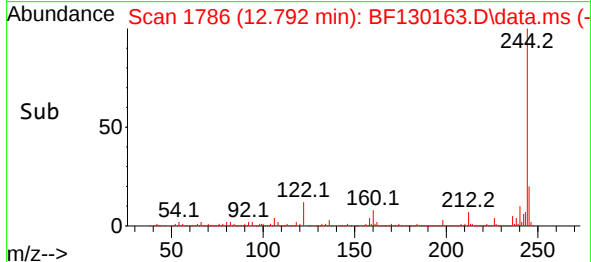
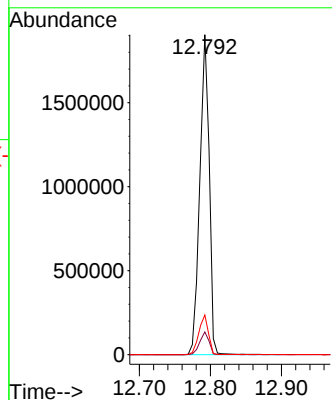
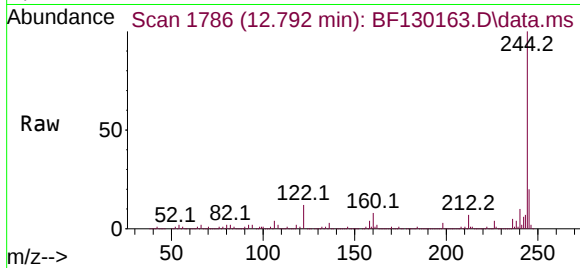




#79
 Terphenyl-d14
 Concen: 93.166 ng
 RT: 12.792 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130163.D
 Acq: 07 Sep 2022 15:43

Instrument :
 BNA_F
 ClientSampleId :
 WC-14-B-SP

Tgt Ion:244 Resp: 1749534
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 12.4 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.233 min Scan# 2201
 Delta R.T. -0.006 min
 Lab File: BF130163.D
 Acq: 07 Sep 2022 15:43

Tgt Ion:264 Resp: 370921
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 21.8 16.7 25.1

