

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114530.D
 Acq On : 23 May 2019 17:01
 Operator : JU/SJ
 Sample : K2944-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FESB-3(4.5-5)

Quant Time: May 24 07:42:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

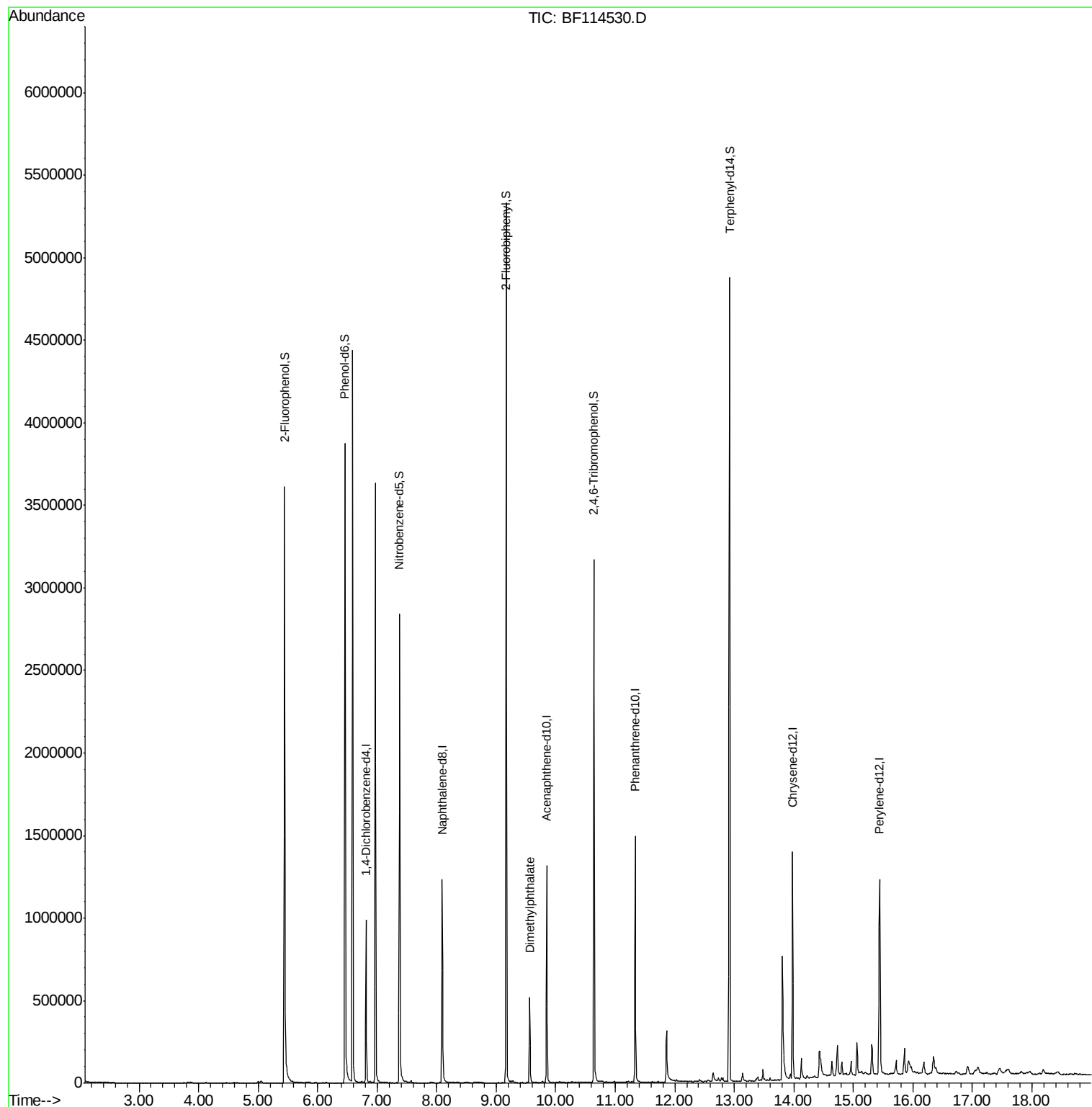
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	151097	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	562018	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	268707	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	558066	20.00	ng	0.00
76) Chrysene-d12	13.98	240	485762	20.00	ng	0.00
87) Perylene-d12	15.44	264	531390	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1127471	120.08	ng	0.00
7) Phenol-d6	6.46	99	1469618	132.34	ng	0.00
23) Nitrobenzene-d5	7.37	82	888815	88.75	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	375543	135.19	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1559389	87.78	ng	0.00
79) Terphenyl-d14	12.92	244	1747119	74.14	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	208202	10.555	ng	Qvalue 99

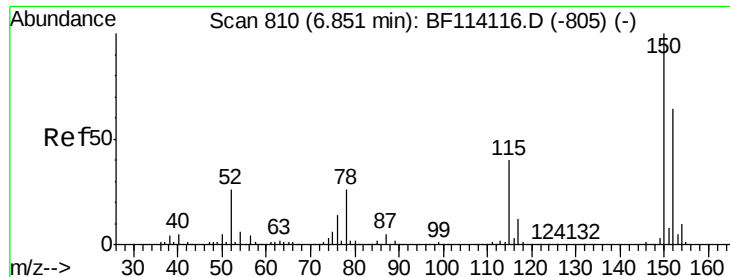
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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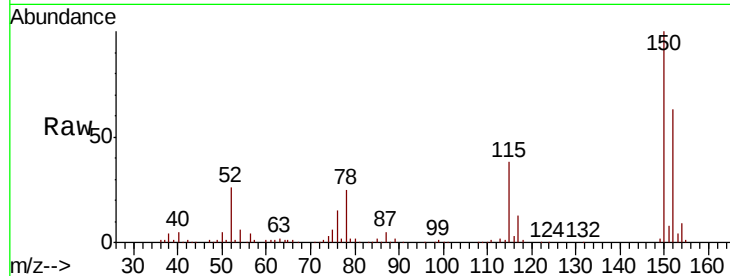


#1

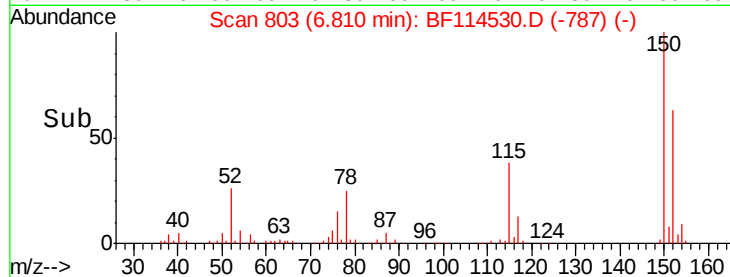
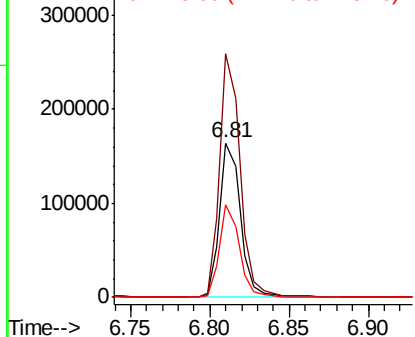
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF114530.D
 Acq: 23 May 2019 17:01

Instrument :
 BNA_F
 ClientSampleId :
 FESB-3(4.5-5)

Tot Ion:152 Resp: 151097
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.3 186.5
 115 59.6 49.1 73.7



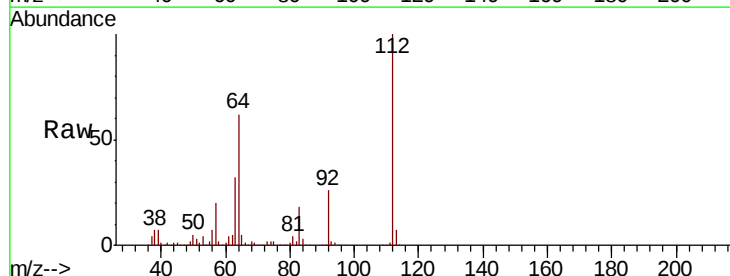
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



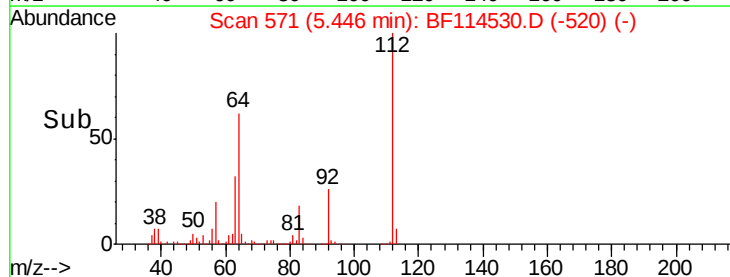
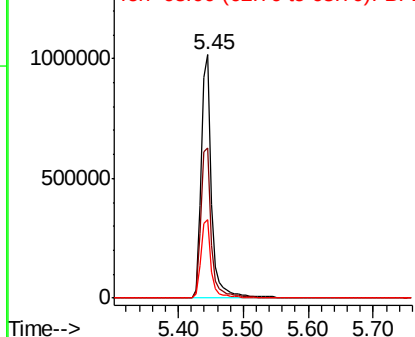
#5

2-Fluorophenol
 Concen: 120.081 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF114530.D
 Acq: 23 May 2019 17:01

Tgt Ion:112 Resp: 1127471
 Ion Ratio Lower Upper
 112 100
 64 61.6 49.0 73.6
 63 32.2 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 132.339 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF114530.D

Acq: 23 May 2019 17:01

Instrument :

BNA_F

ClientSampleId :

FESB-3(4.5-5)

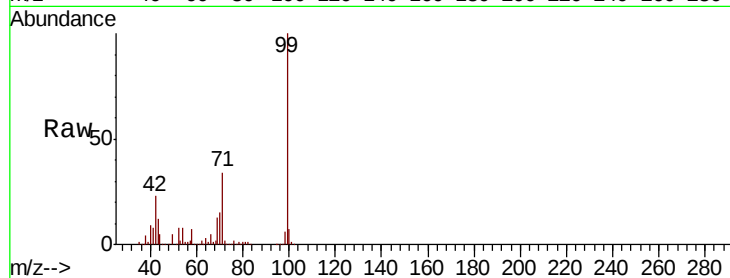
Tot Ion: 99 Resp: 1469618

Ion Ratio Lower Upper

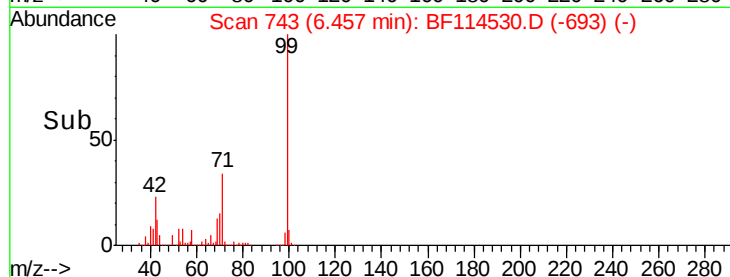
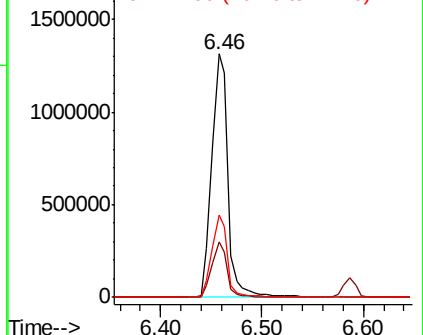
99 100

42 22.7 17.9 26.9

71 33.7 26.2 39.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF114530.D

Acq: 23 May 2019 17:01

Tgt Ion: 136 Resp: 562018

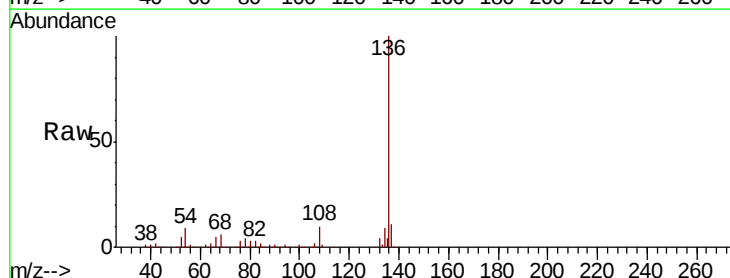
Ion Ratio Lower Upper

136 100

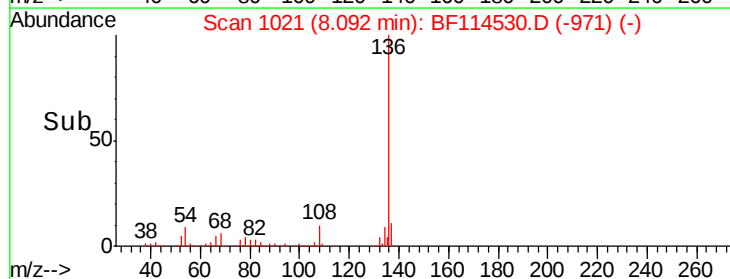
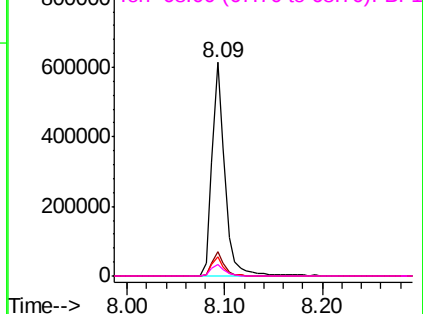
137 11.4 8.8 13.2

54 9.2 7.8 11.8

68 5.6 5.1 7.7



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

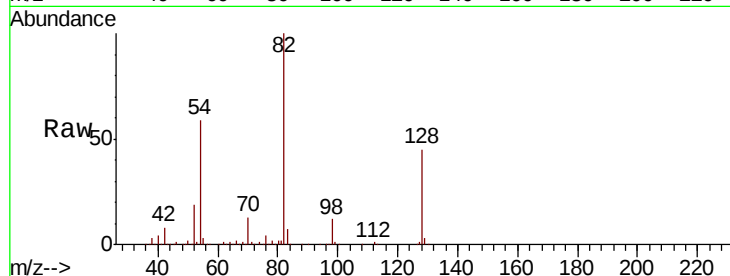




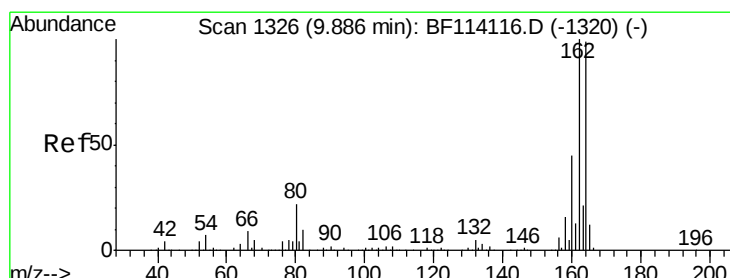
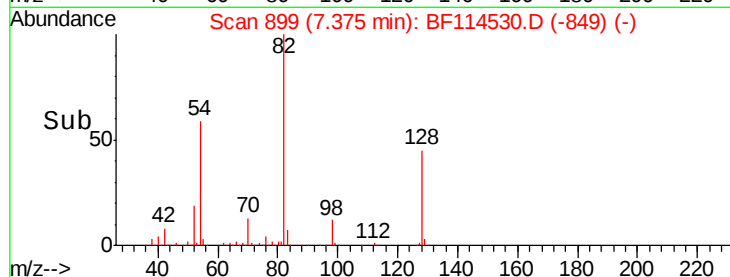
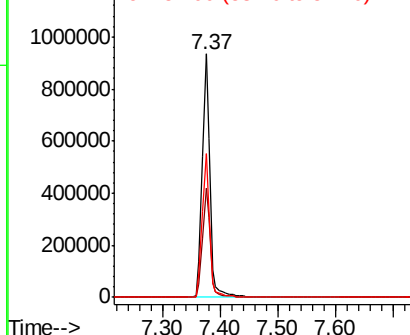
#23
Nitrobenzene-d5
Concen: 88.752 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114530.D
Acq: 23 May 2019 17:01

Instrument :
BNA_F
ClientSampleId :
FESB-3(4.5-5)

Tot Ion: 82 Resp: 888815
Ion Ratio Lower Upper
82 100
128 44.9 35.5 53.3
54 59.3 48.5 72.7

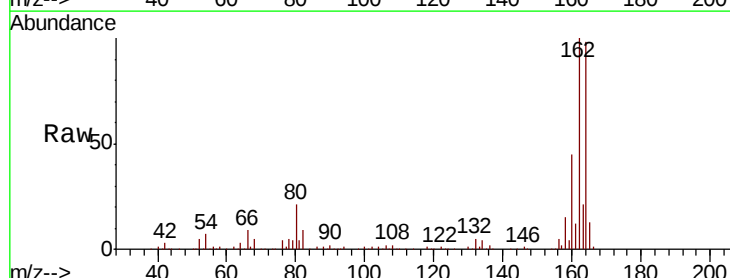


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

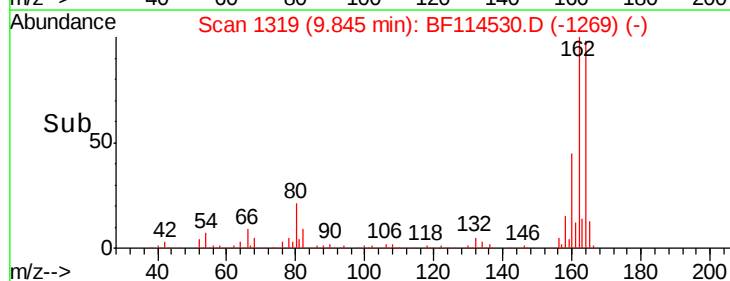
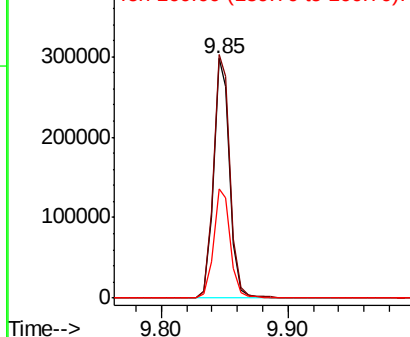


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF114530.D
Acq: 23 May 2019 17:01

Tgt Ion: 164 Resp: 268707
Ion Ratio Lower Upper
164 100
162 101.6 80.6 120.8
160 45.4 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

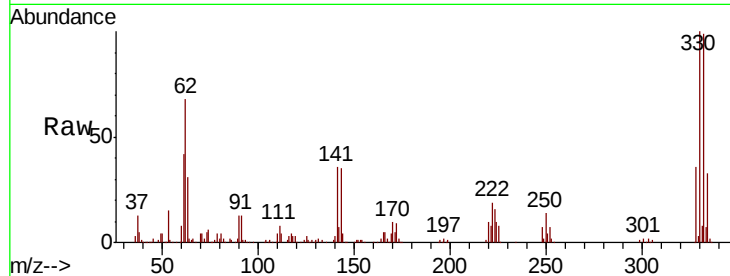




#42
 2,4,6-Tribromophenol
 Concen: 135.186 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF114530.D
 Acq: 23 May 2019 17:01

Instrument :
 BNA_F
 ClientSampleId :
 FESB-3(4.5-5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.6	81.4	122.2
141	33.1	26.6	40.0

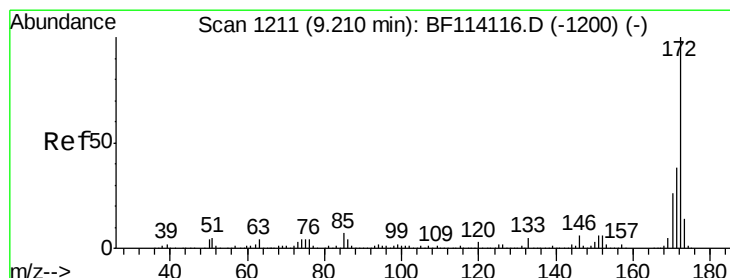
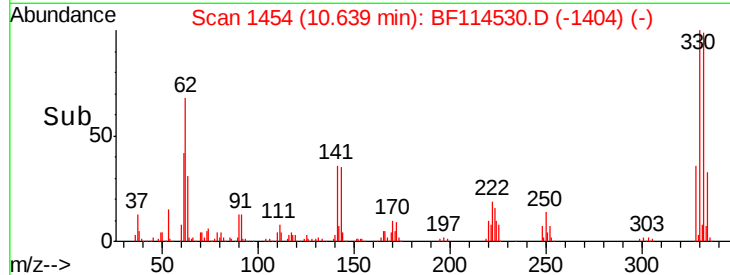
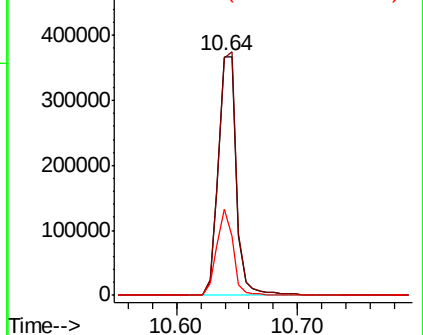


Abundance

Ion 329.80 (329.50 to 330.50): E

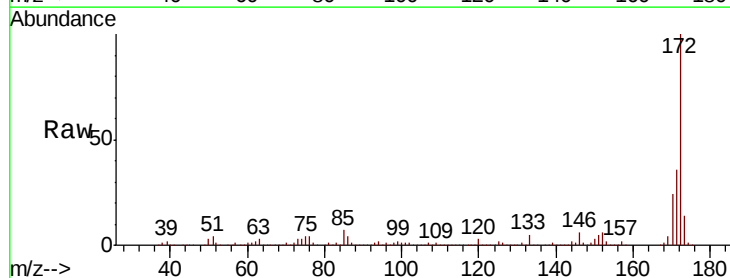
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 87.785 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114530.D
 Acq: 23 May 2019 17:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.7	46.1
170	24.3	20.5	30.7

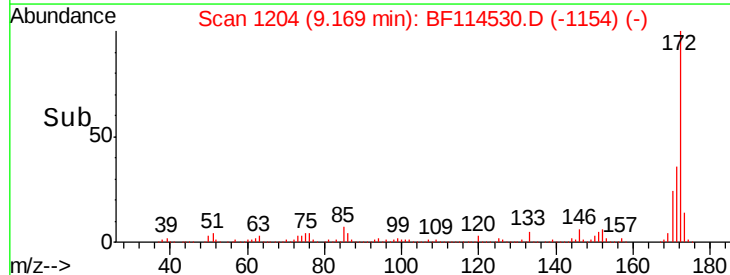
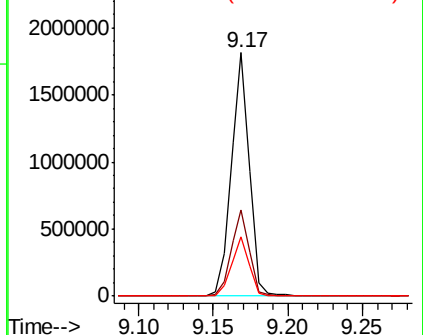


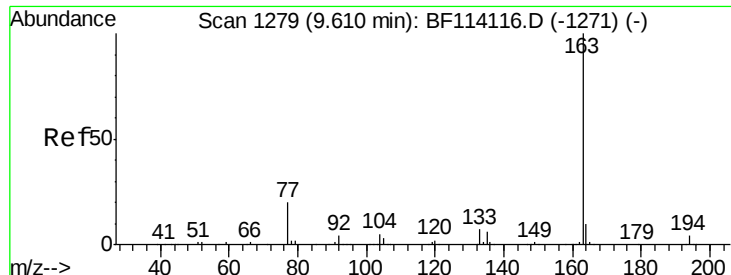
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

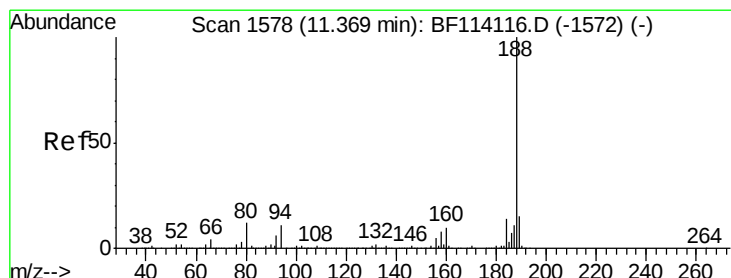
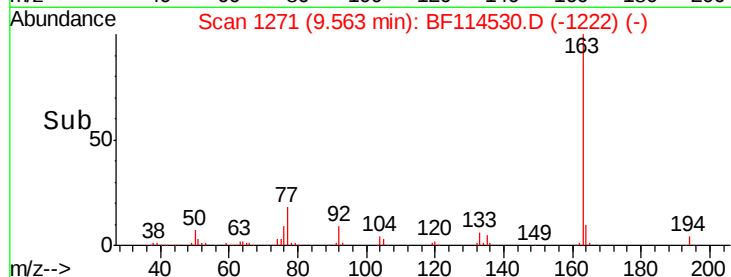
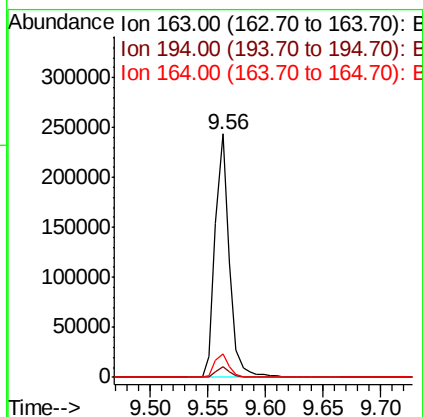
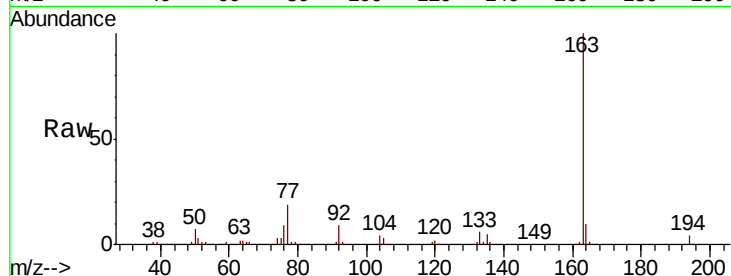




#50
Dimethylphthalate
Concen: 10.555 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF114530.D
Acq: 23 May 2019 17:01

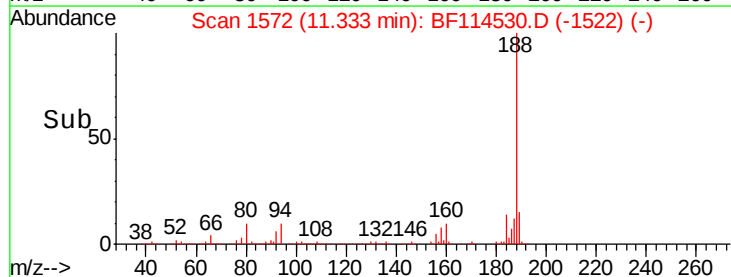
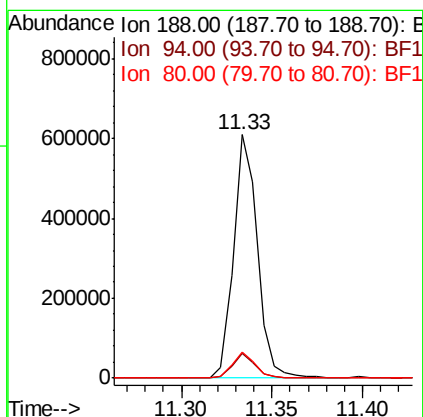
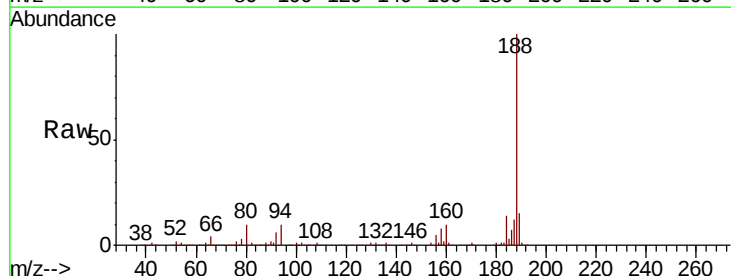
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FESB-3(4.5-5)

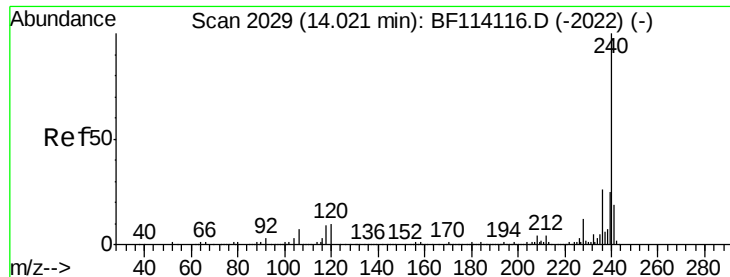
Tot Ion:163 Resp: 208202
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 9.6 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF114530.D
Acq: 23 May 2019 17:01

Tgt Ion:188 Resp: 558066
Ion Ratio Lower Upper
188 100
94 10.2 8.4 12.6
80 10.5 9.2 13.8

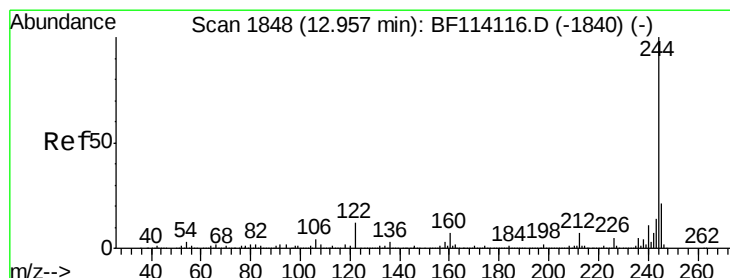
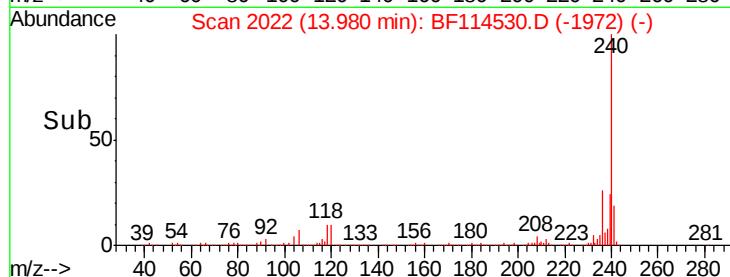
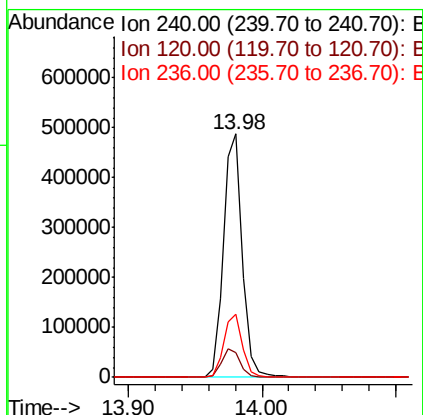
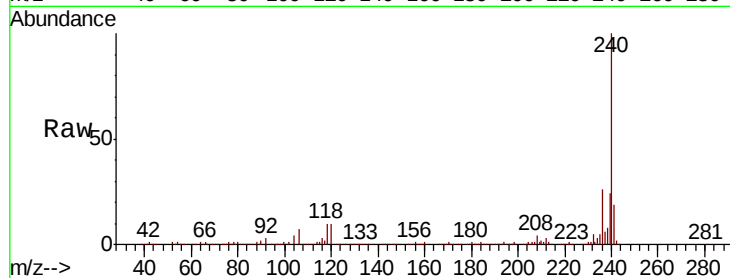




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF114530.D
 Acq: 23 May 2019 17:01

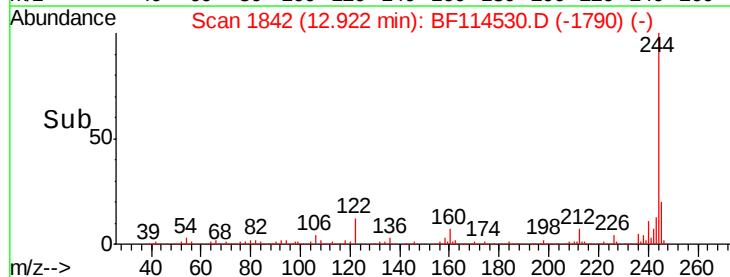
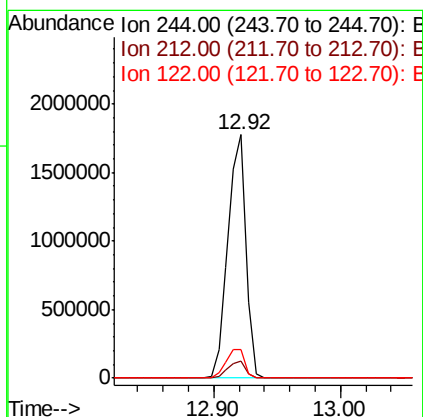
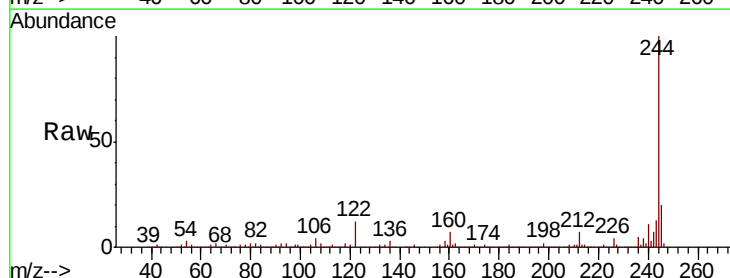
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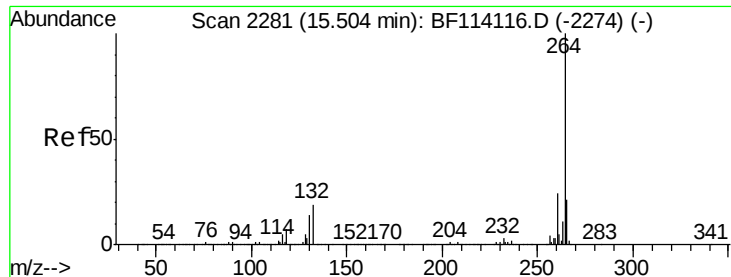
Tot Ion:240 Resp: 485762
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.3 12.5
 236 25.9 20.8 31.2



#79
 Terphenyl-d14
 Concen: 74.143 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF114530.D
 Acq: 23 May 2019 17:01

Tgt Ion:244 Resp: 1747119
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 11.7 9.4 14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF114530.D
Acq: 23 May 2019 17:01

Instrument :
BNA_F
ClientSampleId :
FESB-3(4.5-5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.0
265	21.7	16.9	25.3

