

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114527.D
 Acq On : 23 May 2019 15:41
 Operator : JU/SJ
 Sample : K2906-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FESB-09(4-4.5)

Quant Time: May 24 07:38:50 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

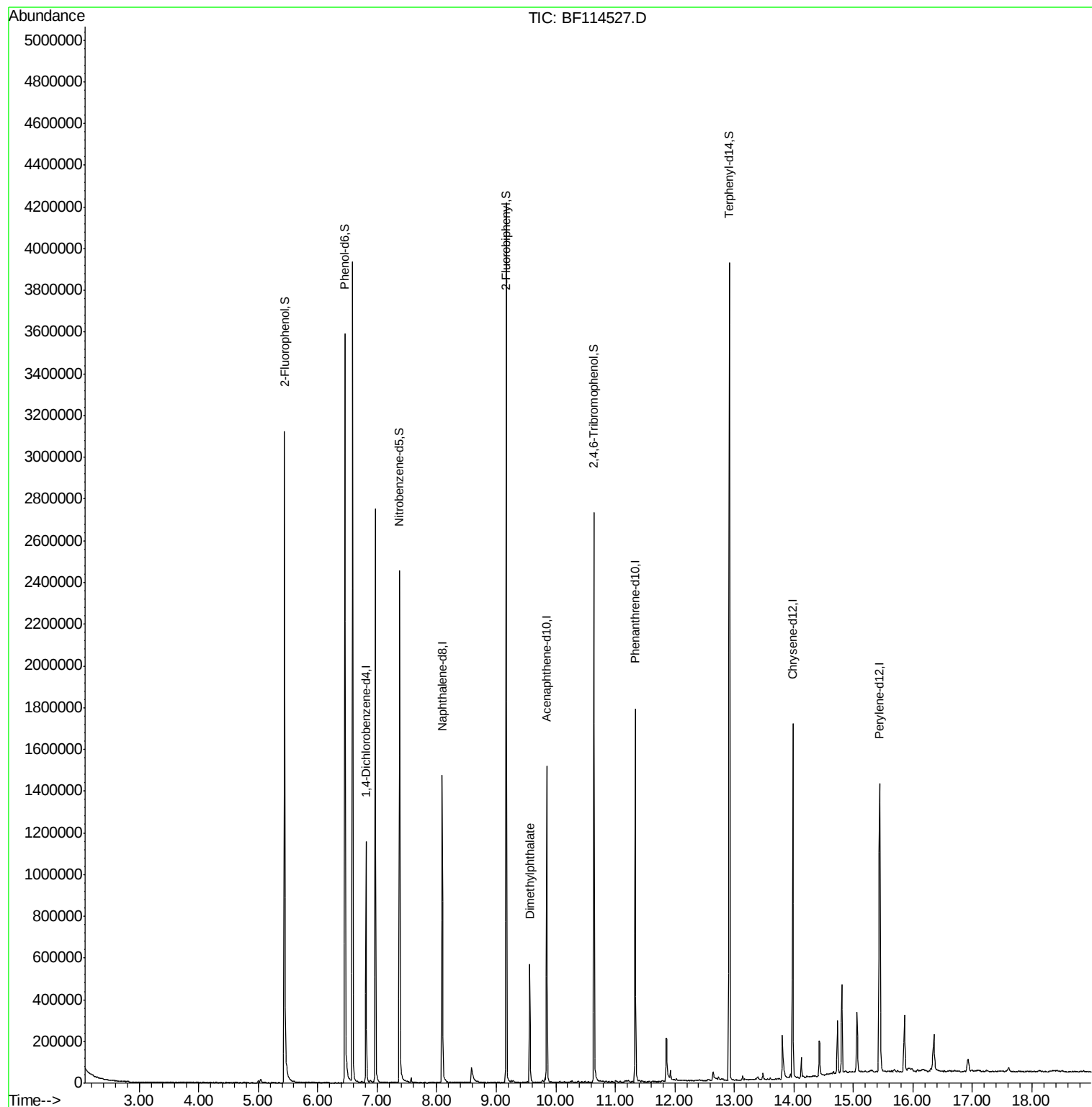
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	168017	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	656000	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	318937	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	670519	20.00	ng	0.00
76) Chrysene-d12	13.98	240	570585	20.00	ng	0.00
87) Perylene-d12	15.44	264	615730	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	929135	88.99	ng	0.00
7) Phenol-d6	6.46	99	1216369	98.50	ng	0.00
23) Nitrobenzene-d5	7.37	82	737779	63.12	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	309911	93.99	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1218811	57.81	ng	0.00
79) Terphenyl-d14	12.92	244	1424774	51.47	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	216787	9.259	ng	Qvalue 99

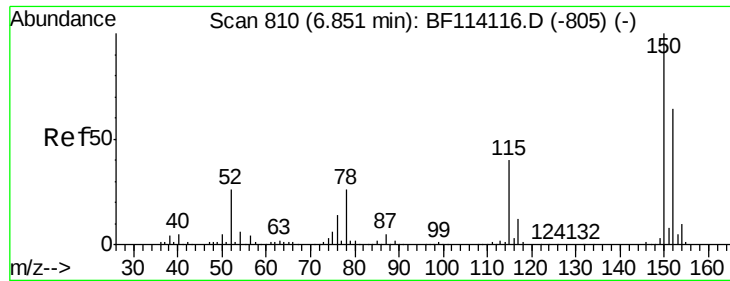
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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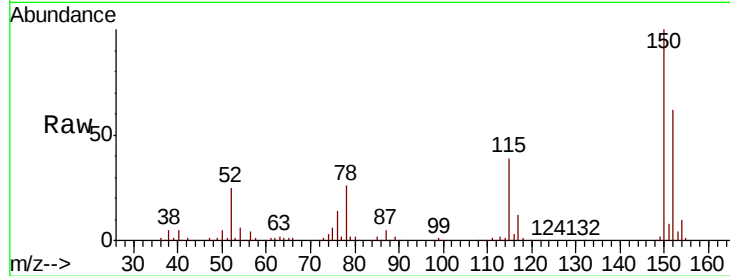


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114527.D
Acq: 23 May 2019 15:41

Instrument :
BNA_F
ClientSampleId :
FESB-09(4-4.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.3	186.5
115	62.6	49.1	73.7

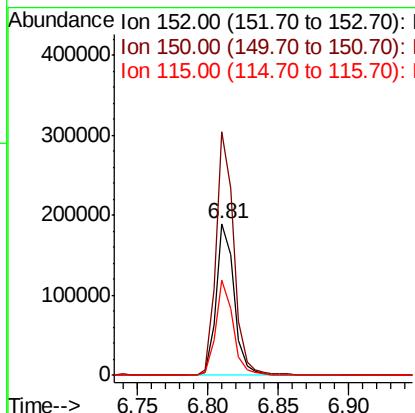
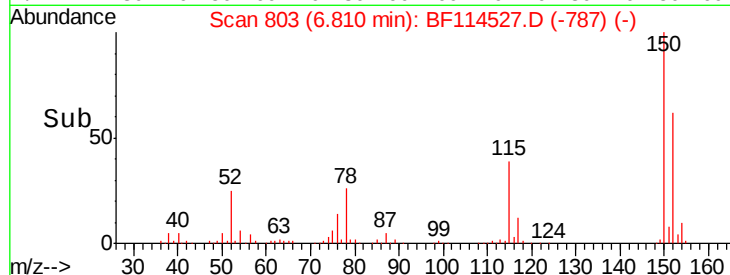


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

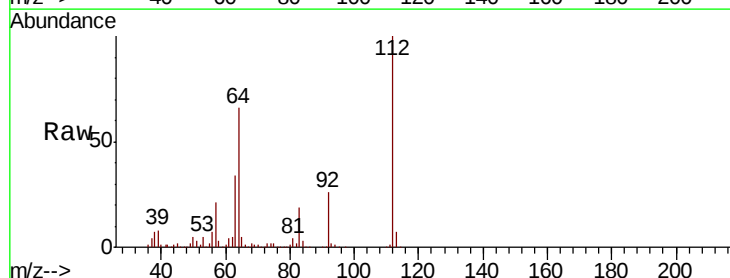
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 88.992 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF114527.D
Acq: 23 May 2019 15:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.8	49.0	73.6
63	33.8	24.6	37.0

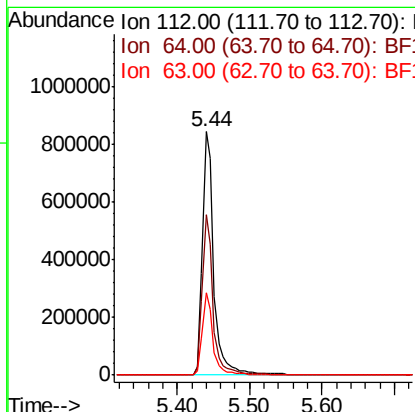
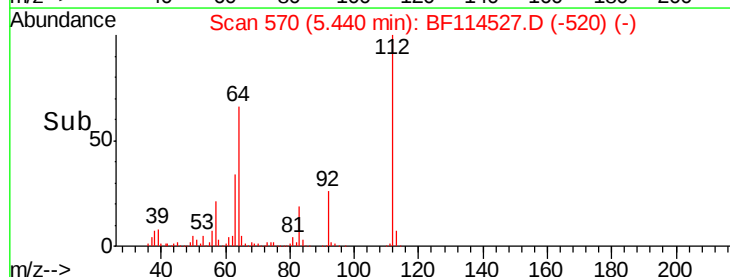


Abundance

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: 98.504 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF114527.D

Acq: 23 May 2019 15:41

Instrument :

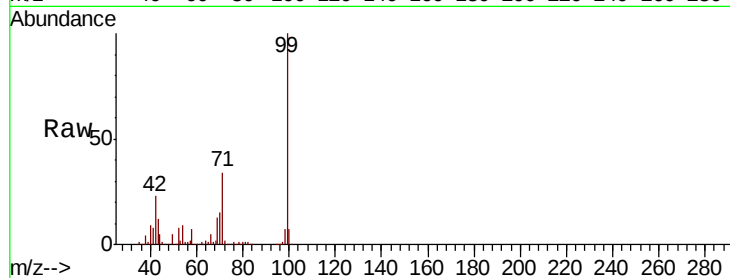
BNA_F

ClientSampleId :

FESB-09(4-4.5)

Tot Ion: 99 Resp: 1216369

Ion	Ratio	Lower	Upper
99	100		
42	22.7	17.9	26.9
71	33.8	26.2	39.2

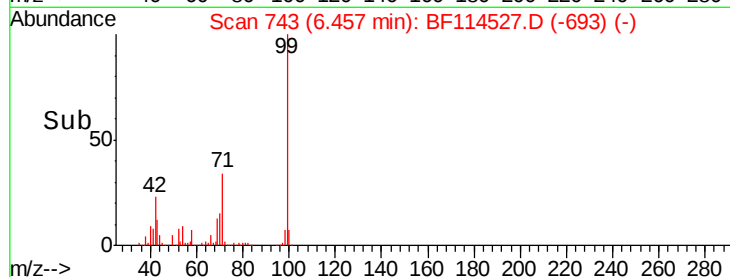
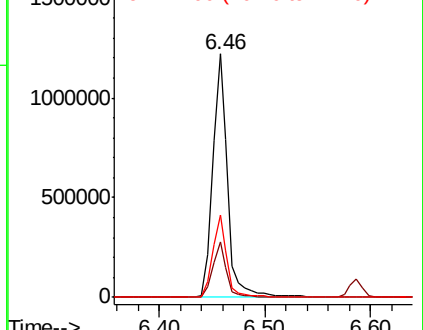


Abundance

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

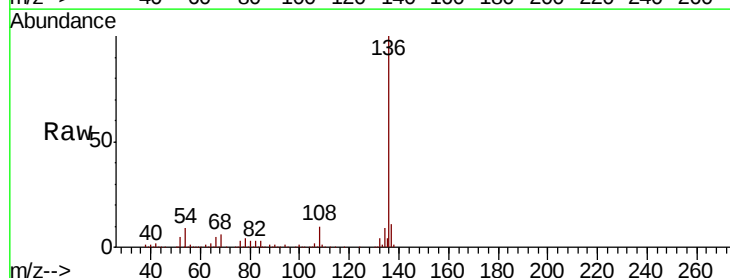
Delta R.T. -0.01 min

Lab File: BF114527.D

Acq: 23 May 2019 15:41

Tgt Ion: 136 Resp: 656000

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.2	7.8	11.8
68	6.0	5.1	7.7



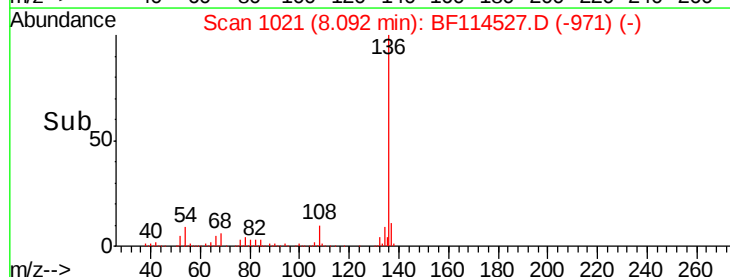
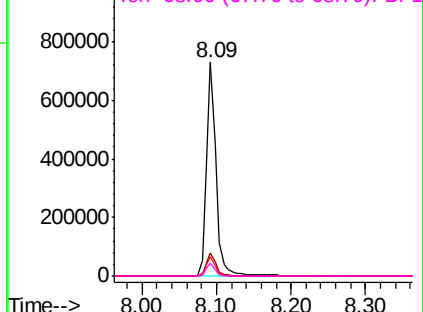
Abundance

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

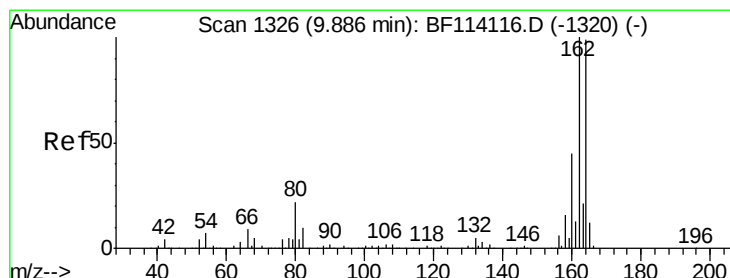
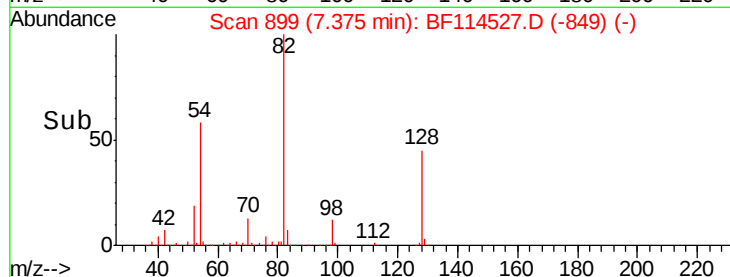
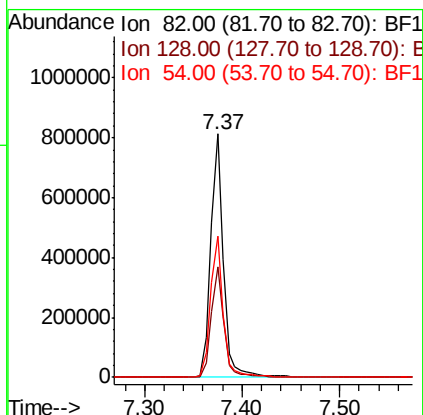
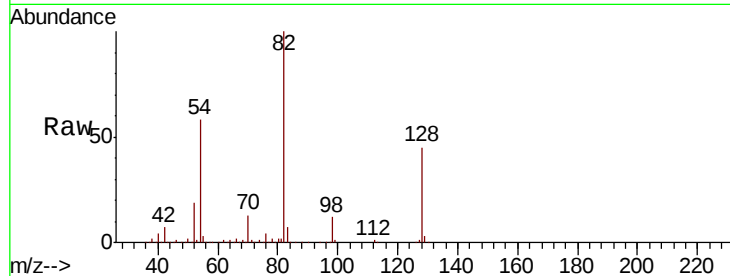




#23
Nitrobenzene-d5
Concen: 63.116 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114527.D
Acq: 23 May 2019 15:41

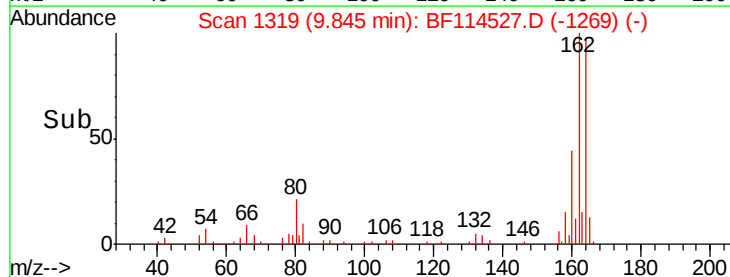
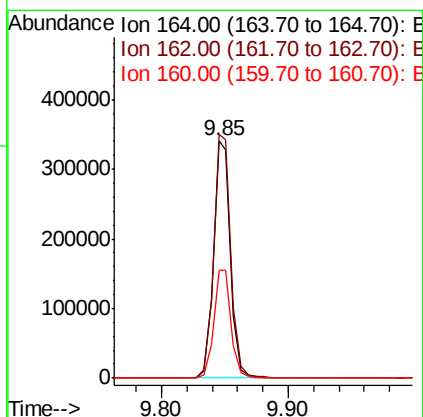
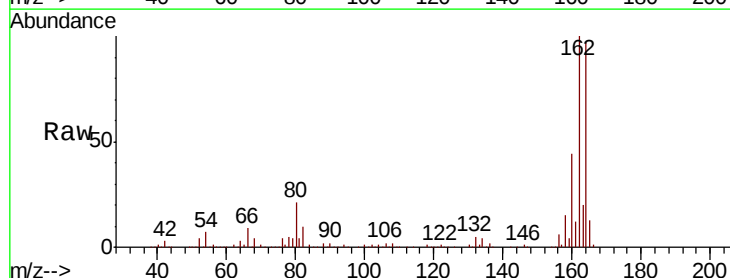
Instrument :
BNA_F
ClientSampleId :
FESB-09(4-4.5)

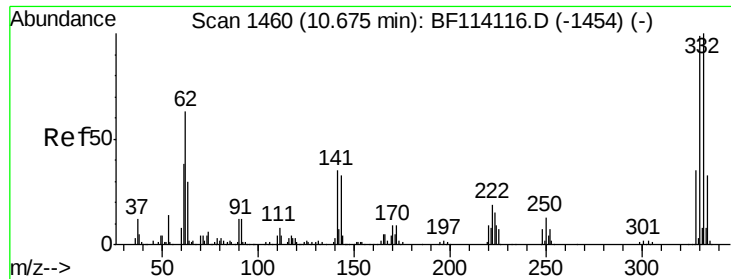
Tot Ion: 82 Resp: 737779
Ion Ratio Lower Upper
82 100
128 45.3 35.5 53.3
54 58.0 48.5 72.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF114527.D
Acq: 23 May 2019 15:41

Tgt Ion:164 Resp: 318937
Ion Ratio Lower Upper
164 100
162 102.6 80.6 120.8
160 45.4 36.5 54.7

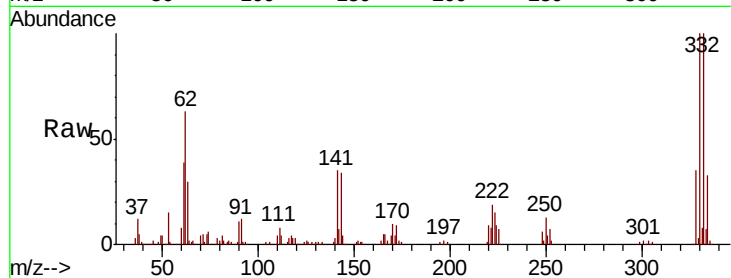




#42
 2,4,6-Tribromophenol
 Concen: 93.990 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF114527.D
 Acq: 23 May 2019 15:41

Instrument :
 BNA_F
 ClientSampleId :
 FESB-09(4-4.5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.5	81.4	122.2
141	33.2	26.6	40.0

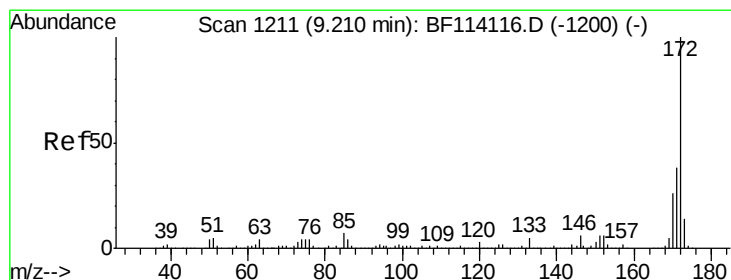
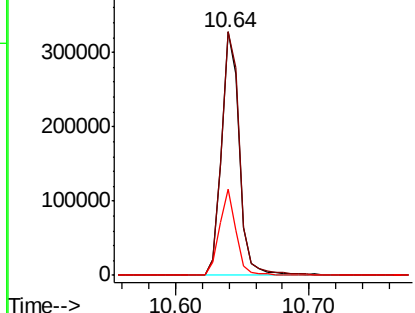
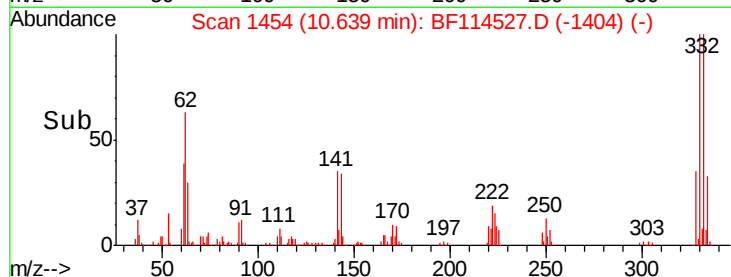


Abundance

Ion 329.80 (329.50 to 330.50): E

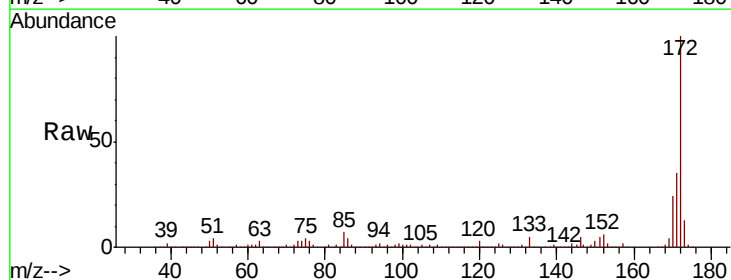
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 57.806 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114527.D
 Acq: 23 May 2019 15:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.7	46.1
170	23.9	20.5	30.7

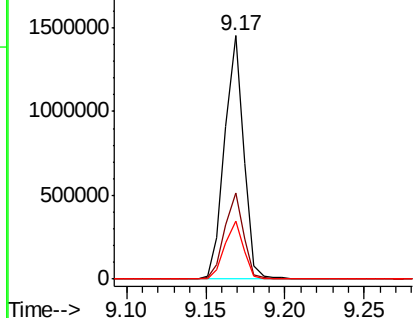
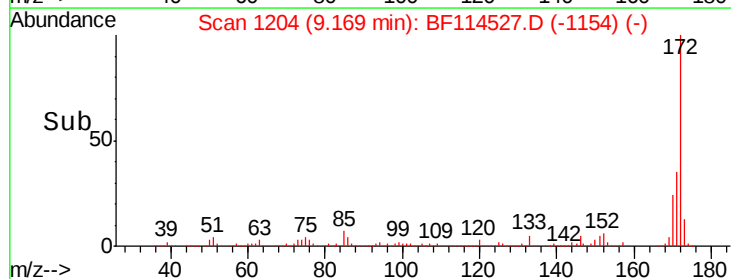


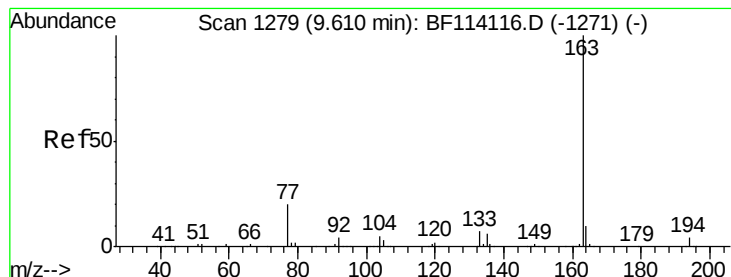
Abundance

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: 9.259 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF114527.D

Acq: 23 May 2019 15:41

Instrument :

BNA_F

ClientSampleId :

FESB-09(4-4.5)

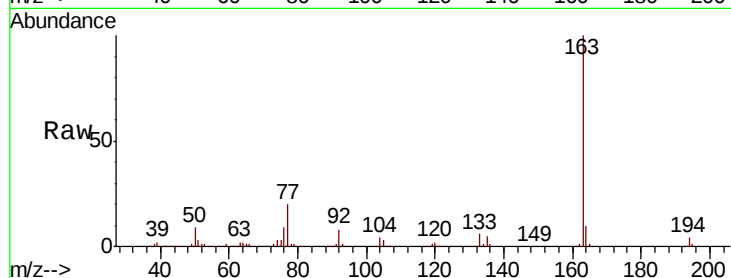
Tot Ion:163 Resp: 216787

Ion Ratio Lower Upper

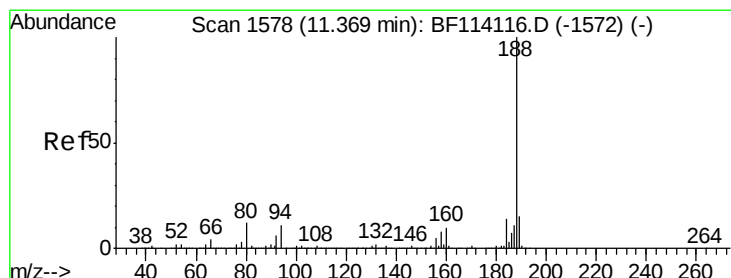
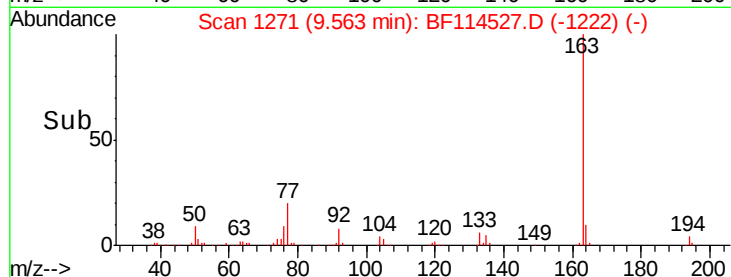
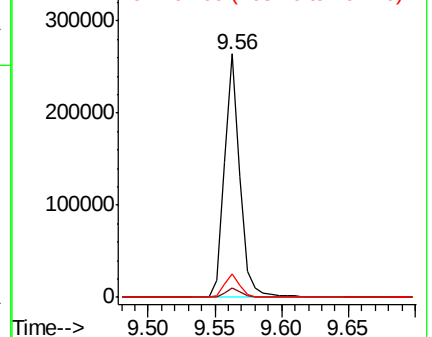
163 100

194 3.8 3.4 5.0

164 9.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF114527.D

Acq: 23 May 2019 15:41

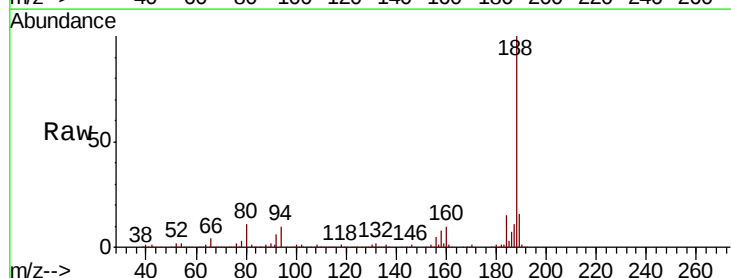
Tgt Ion:188 Resp: 670519

Ion Ratio Lower Upper

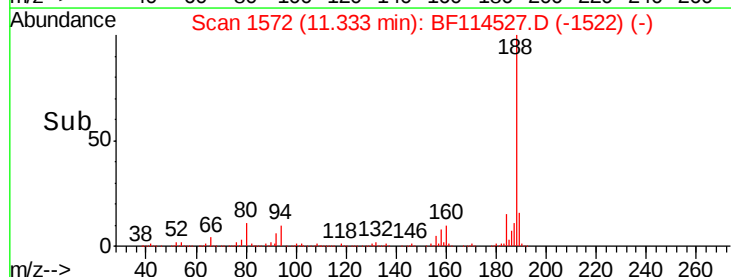
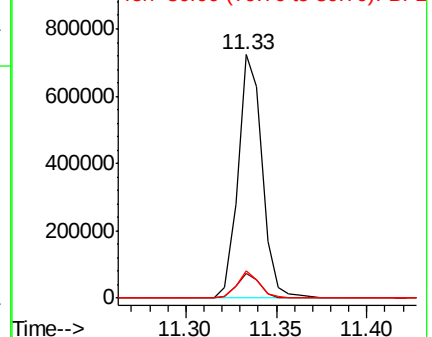
188 100

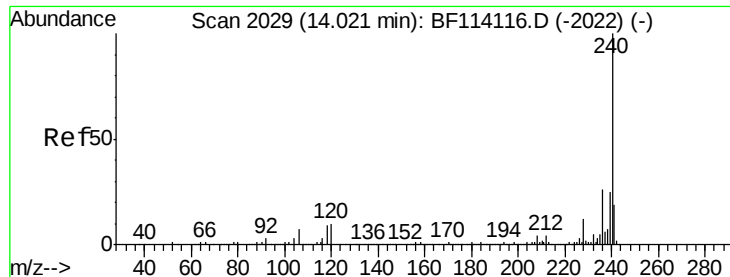
94 10.4 8.4 12.6

80 11.2 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

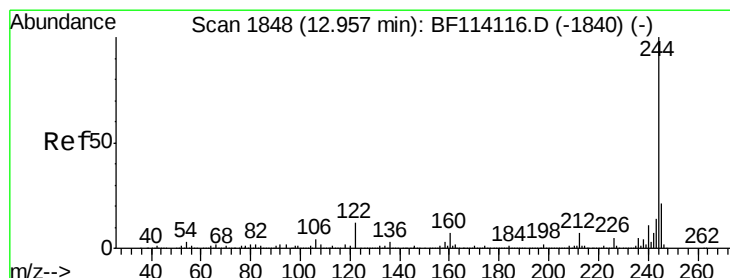
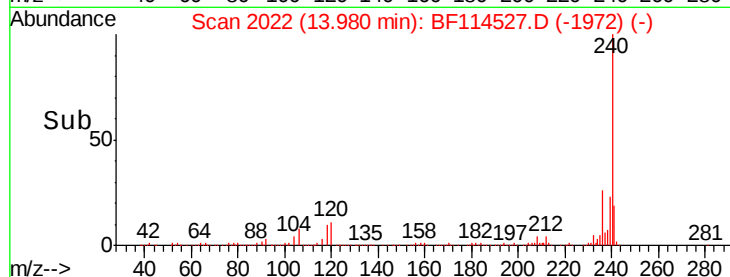
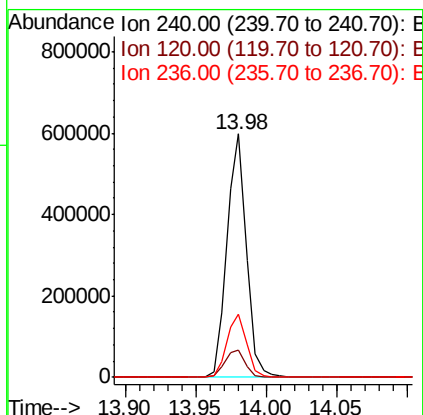
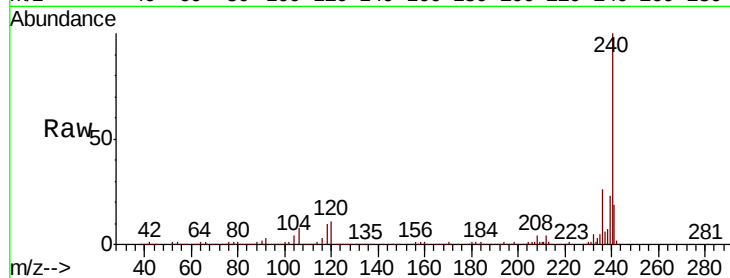




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF114527.D
 Acq: 23 May 2019 15:41

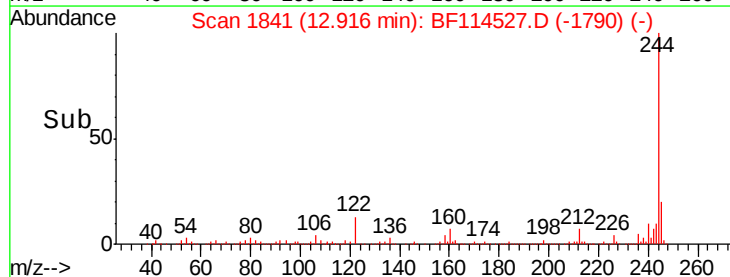
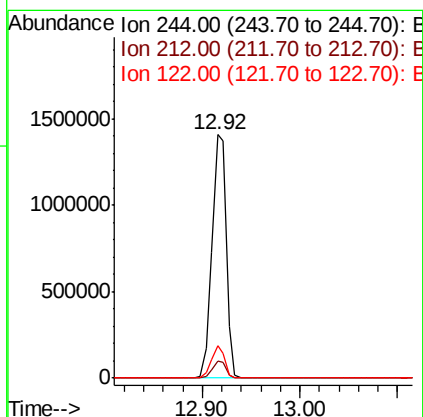
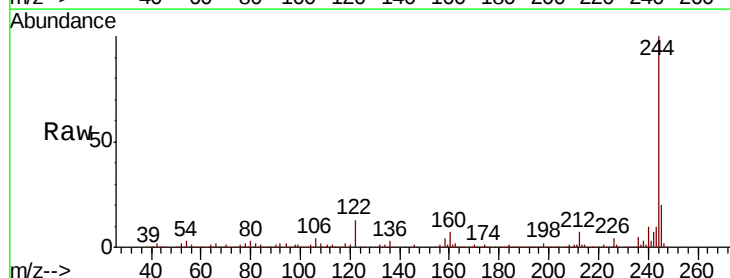
Instrument :
 BNA_F
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 FESB-09(4-4.5)

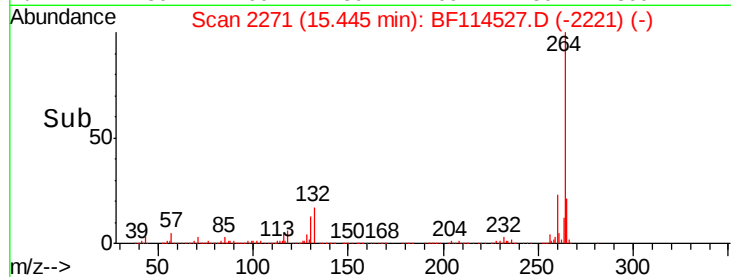
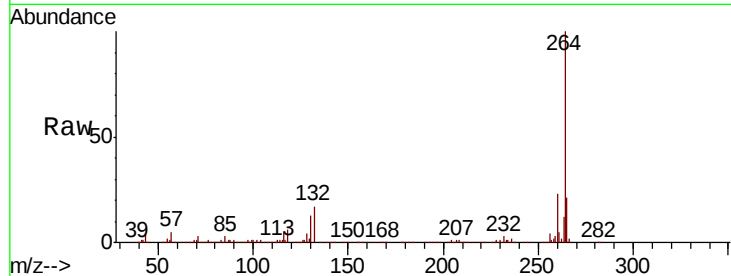
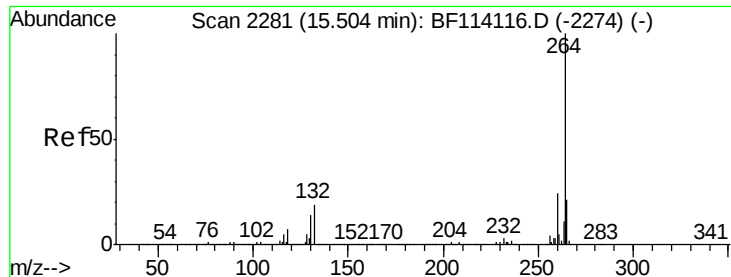
Tot Ion:240 Resp: 570585
 Ion Ratio Lower Upper
 240 100
 120 11.4 8.3 12.5
 236 26.2 20.8 31.2



#79
 Terphenyl-d14
 Concen: 51.475 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF114527.D
 Acq: 23 May 2019 15:41

Tgt Ion:244 Resp: 1424774
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 13.2 9.4 14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF114527.D
Acq: 23 May 2019 15:41

Instrument :
BNA_F
ClientSampleId :
FESB-09(4-4.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.0
265	21.0	16.9	25.3

