

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111175.D
 Acq On : 7 Dec 2018 9:04
 Operator : JU/SJ
 Sample : J6219-10
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM-342-135-120418-DEBRI

Quant Time: Dec 07 09:53:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

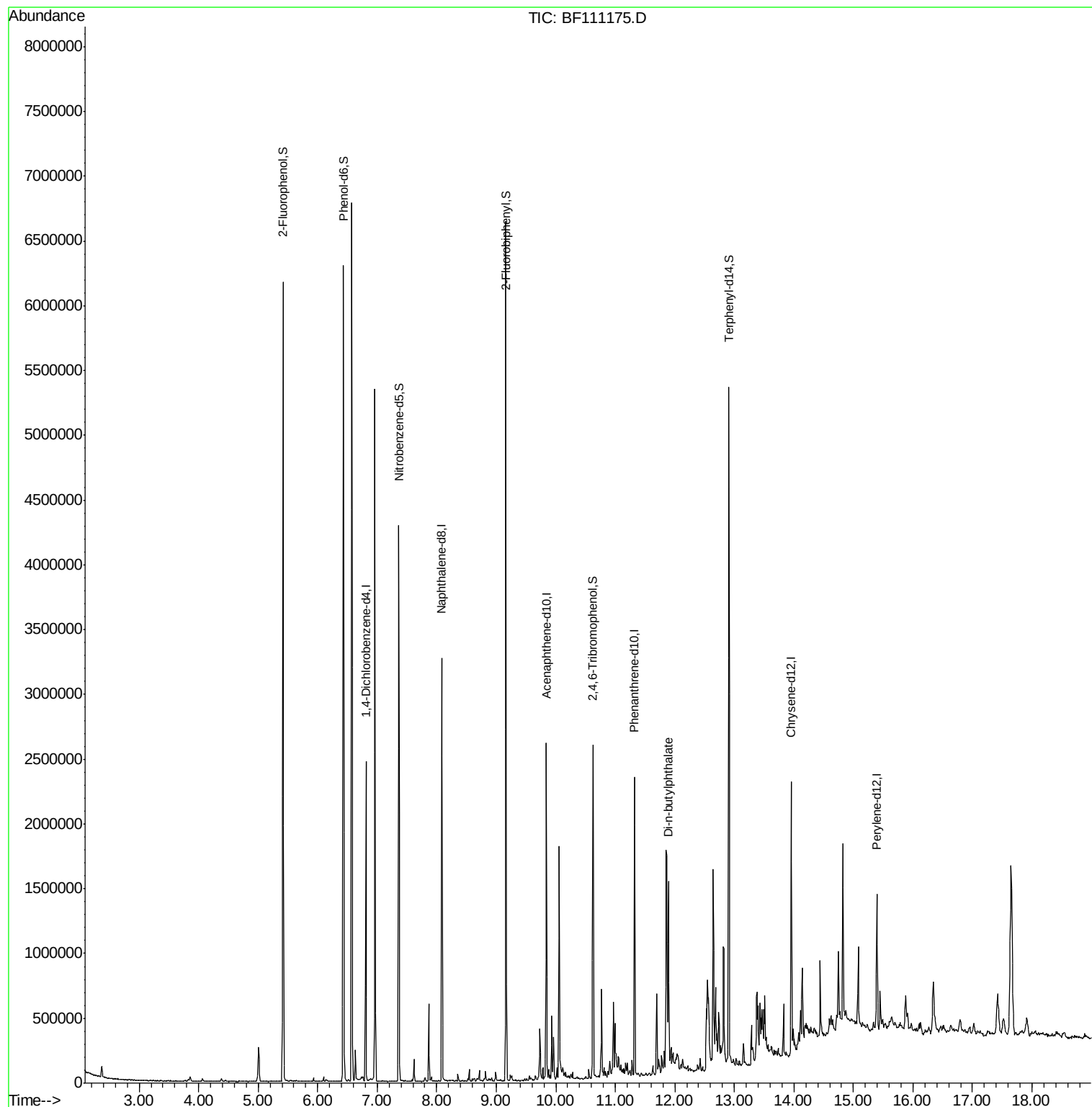
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	371203	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1338829	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	510905	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	789039	20.00	ng	0.00
76) Chrysene-d12	13.96	240	639420	20.00	ng	0.00
87) Perylene-d12	15.40	264	436864	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1580364	66.44	ng	0.00
7) Phenol-d6	6.43	99	1959087	63.93	ng	0.00
23) Nitrobenzene-d5	7.36	82	1152417	50.96	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	272637	67.13	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1911344	66.04	ng	0.00
79) Terphenyl-d14	12.91	244	1520350	48.70	ng	0.00
Target Compounds						Qvalue
74) Di-n-butylphthalate	11.89	149	547298	11.745	ng	96

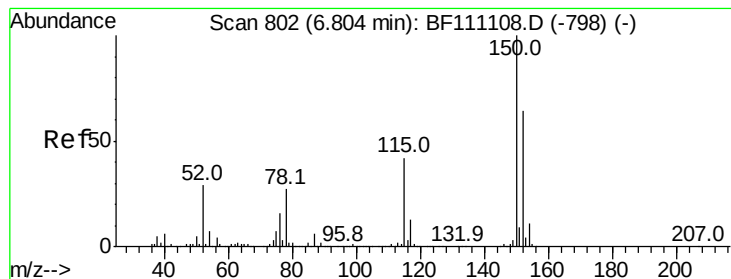
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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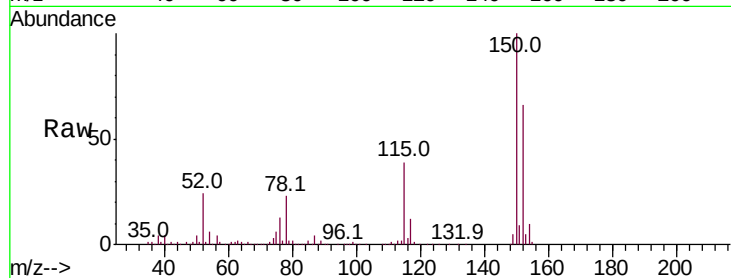


#1

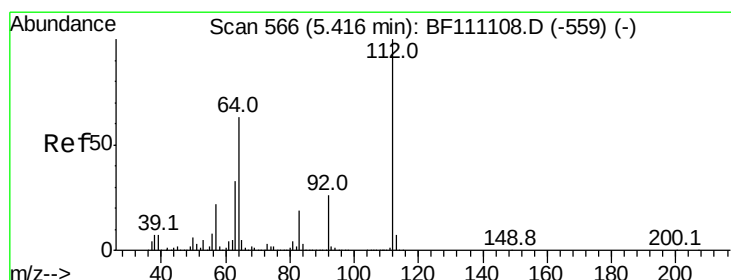
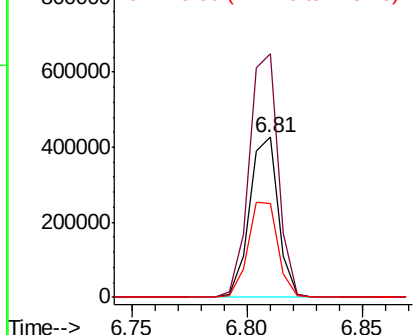
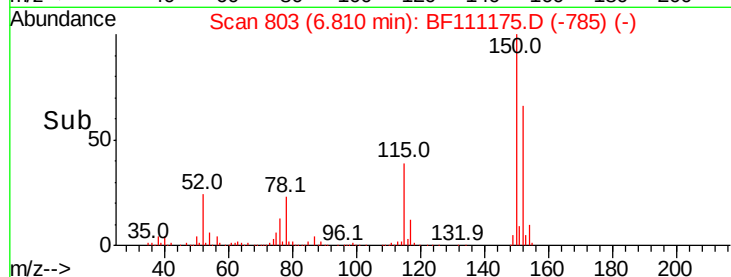
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF111175.D
Acq: 7 Dec 2018 9:04

Instrument :
BNA_F
ClientSampleId :
NM-342-135-120418-DEBRI

Tot Ion:152 Resp: 371203
Ion Ratio Lower Upper
152 100
150 152.3 124.6 187.0
115 58.9 52.2 78.2



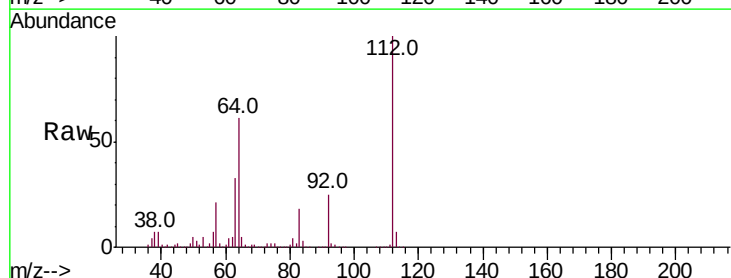
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



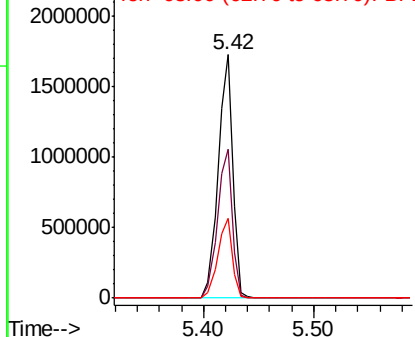
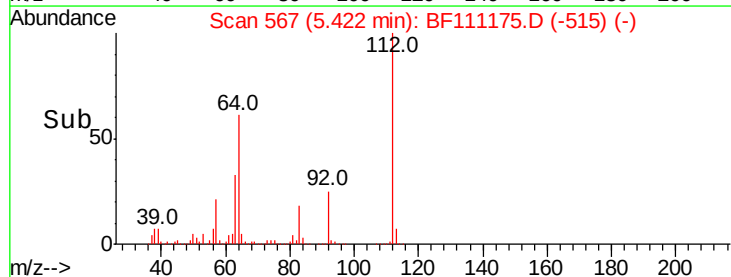
#5

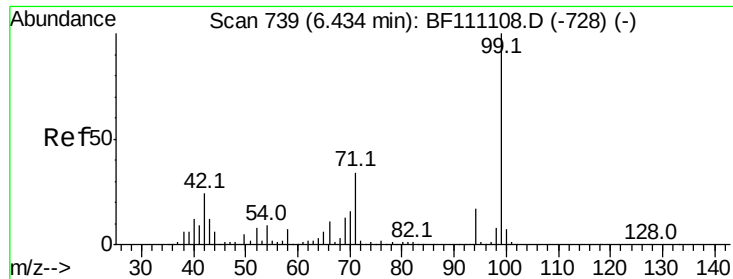
2-Fluorophenol
Concen: 66.435 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111175.D
Acq: 7 Dec 2018 9:04

Tgt Ion:112 Resp: 1580364
Ion Ratio Lower Upper
112 100
64 61.2 50.2 75.4
63 32.7 26.6 39.8



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: 63.932 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF111175.D

Acq: 7 Dec 2018 9:04

Instrument :

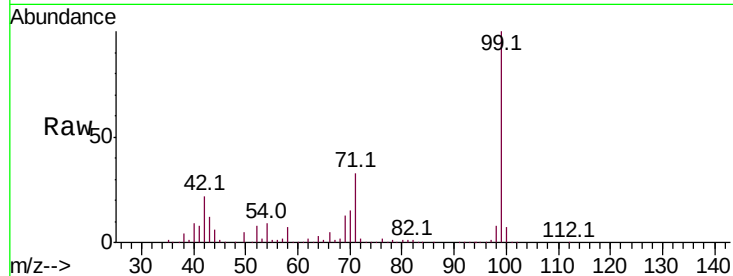
BNA_F

ClientSampleId :

NM-342-135-120418-DEBRI

Tot Ion: 99 Resp: 1959087

Ion	Ratio	Lower	Upper
99	100		
42	22.5	19.3	28.9
71	33.1	27.4	41.2

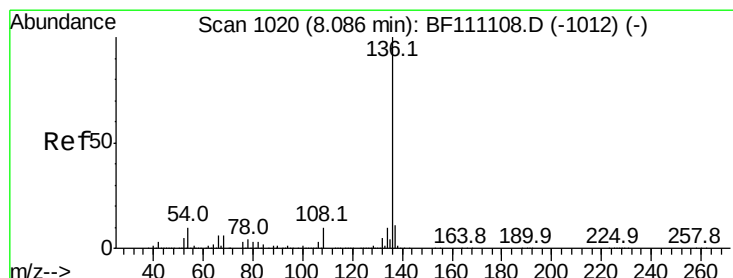
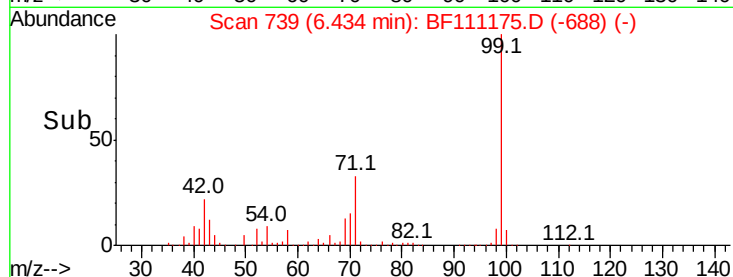
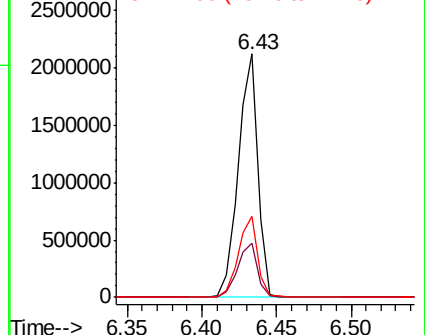


Abundance

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# 1020

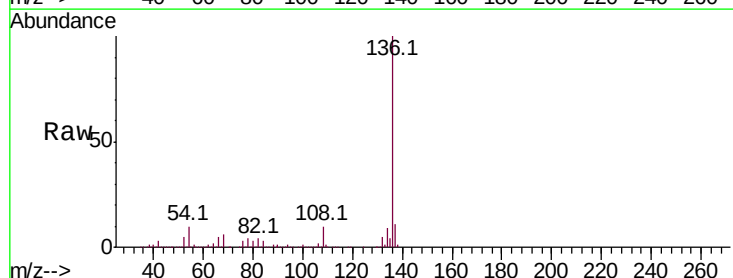
Delta R.T. 0.00 min

Lab File: BF111175.D

Acq: 7 Dec 2018 9:04

Tgt Ion: 136 Resp: 1338829

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	10.0	8.4	12.6
68	6.3	5.0	7.4



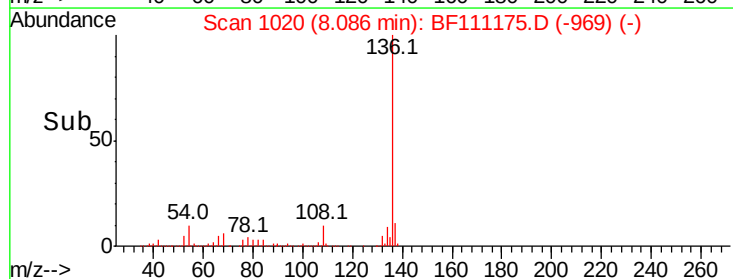
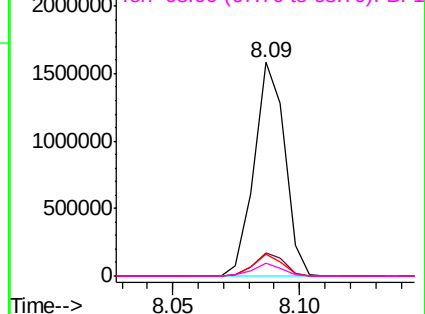
Abundance

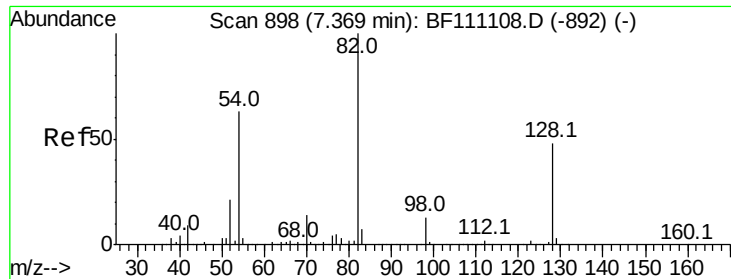
Ion 136.00 (135.70 to 136.70): E

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

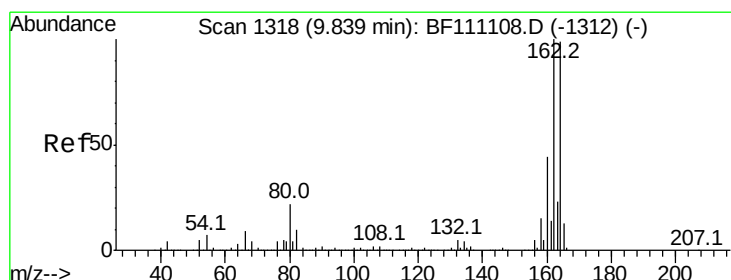
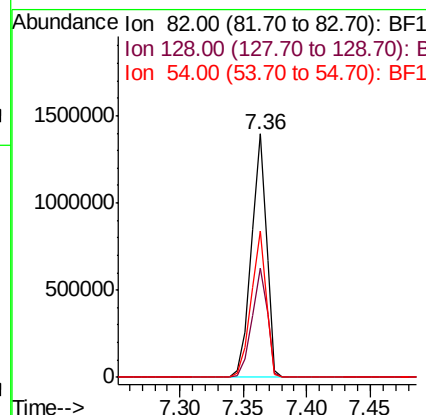
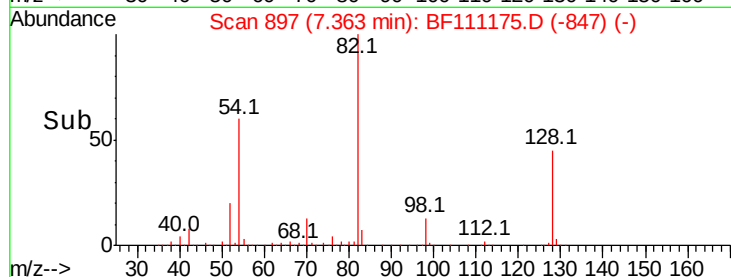
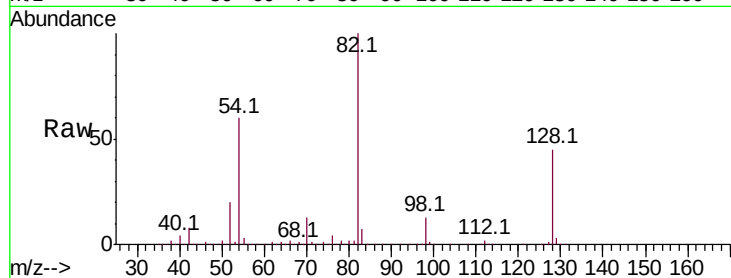




#23
Nitrobenzene-d5
Concen: 50.960 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111175.D
Acq: 7 Dec 2018 9:04

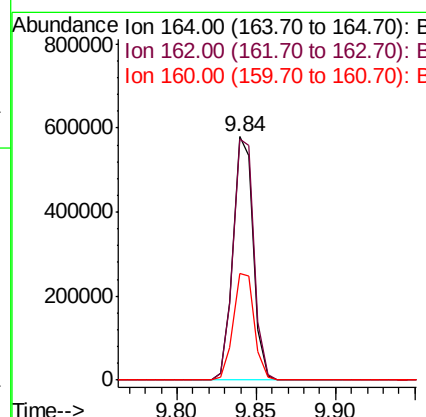
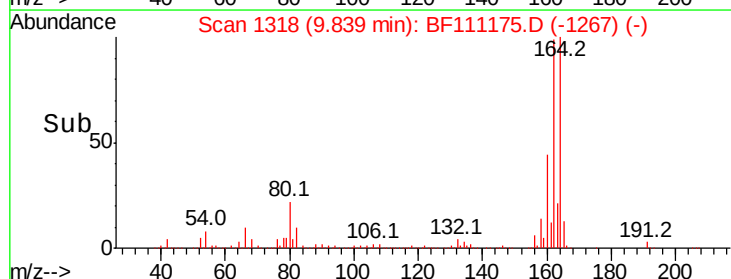
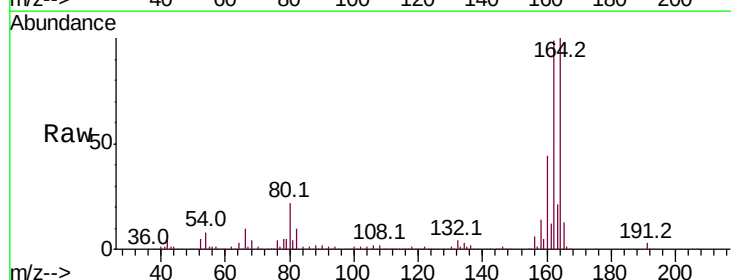
Instrument :
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ClientSampleId :
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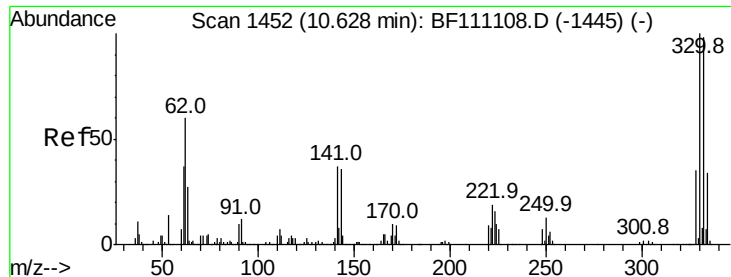
Tot Ion: 82 Resp: 1152417
Ion Ratio Lower Upper
82 100
128 45.0 38.1 57.1
54 59.9 50.3 75.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF111175.D
Acq: 7 Dec 2018 9:04

Tgt Ion:164 Resp: 510905
Ion Ratio Lower Upper
164 100
162 98.9 80.6 120.8
160 43.6 35.5 53.3

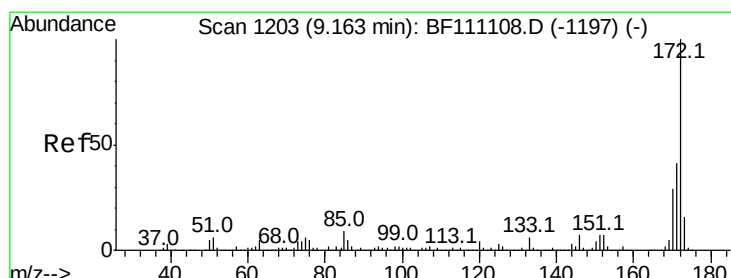
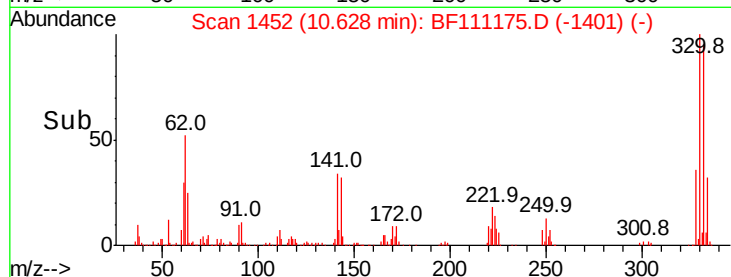
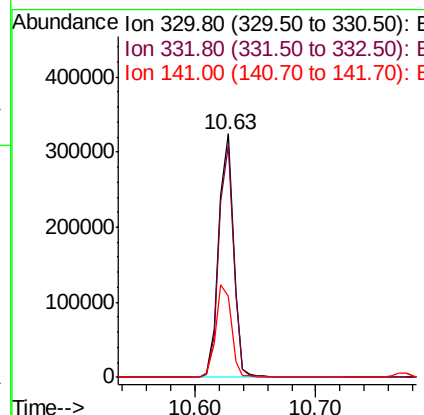
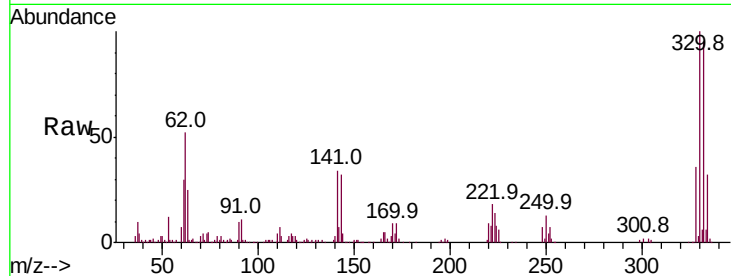




#42
 2,4,6-Tribromophenol
 Concen: 67.134 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF111175.D
 Acq: 7 Dec 2018 9:04

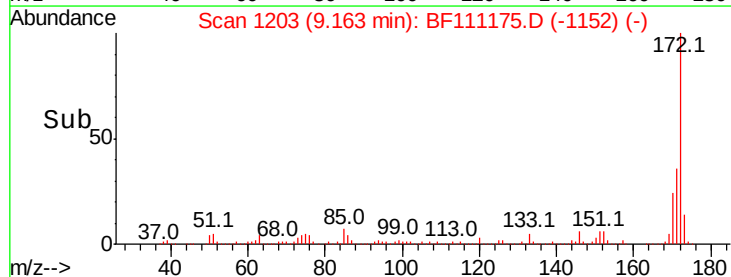
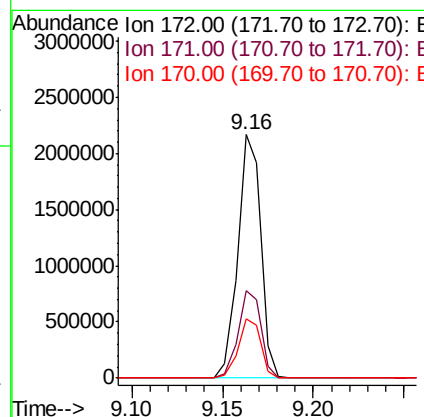
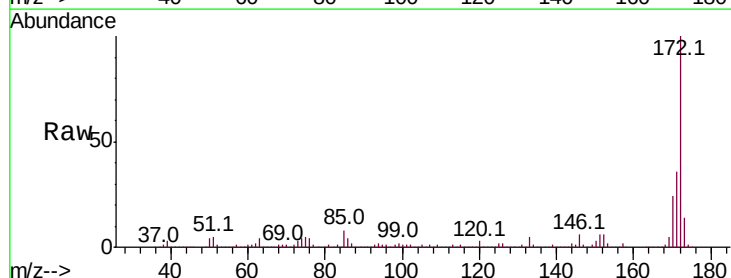
Instrument :
 BNA_F
 ClientSampleId :
 NM-342-135-120418-DEBRI

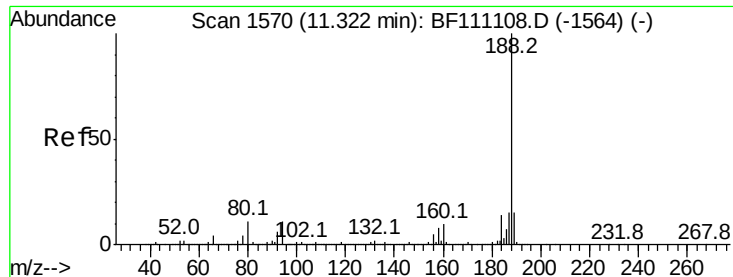
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.2	115.8
141	40.3	36.1	54.1



#45
 2-Fluorobiphenyl
 Concen: 66.044 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF111175.D
 Acq: 7 Dec 2018 9:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	33.2	49.8
170	24.3	22.9	34.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF111175.D

Acq: 7 Dec 2018 9:04

Instrument :

BNA_F

ClientSampleId :

NM-342-135-120418-DEBRI

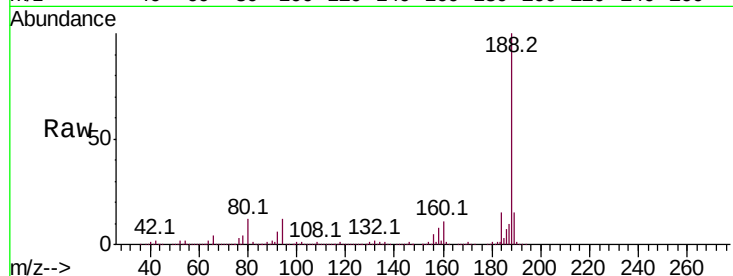
Tot Ion:188 Resp: 789039

Ion Ratio Lower Upper

188 100

94 11.6 8.5 12.7

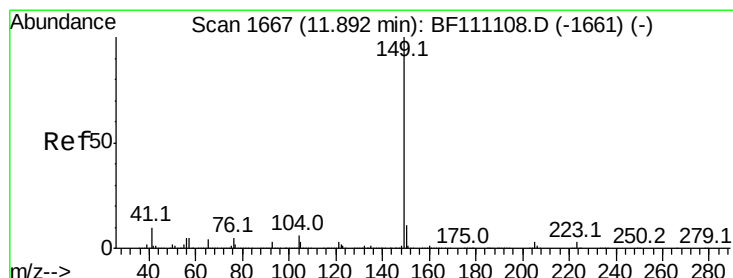
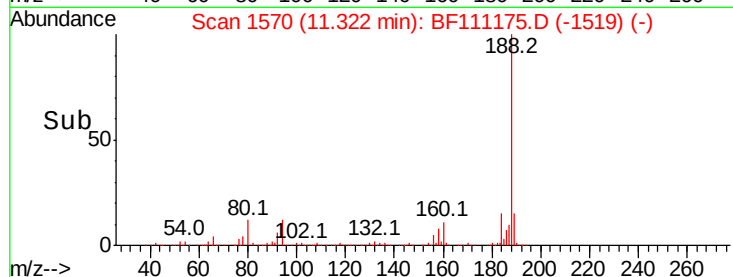
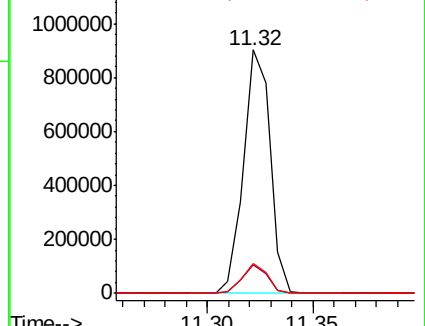
80 12.3 9.0 13.6



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



#74

Di-n-butylphthalate

Concen: 11.745 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BF111175.D

Acq: 7 Dec 2018 9:04

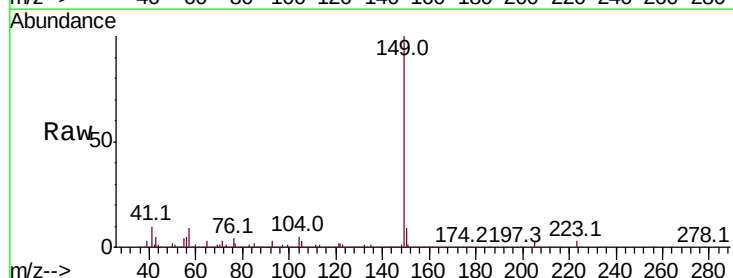
Tgt Ion:149 Resp: 547298

Ion Ratio Lower Upper

149 100

150 9.0 8.6 12.8

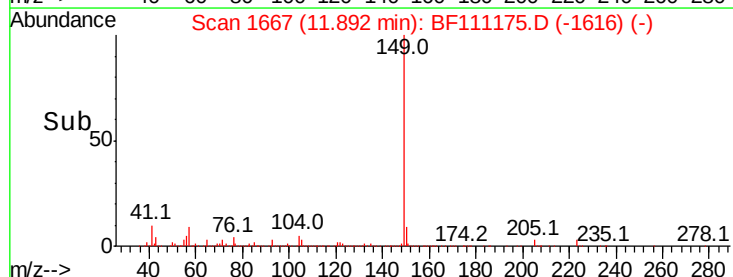
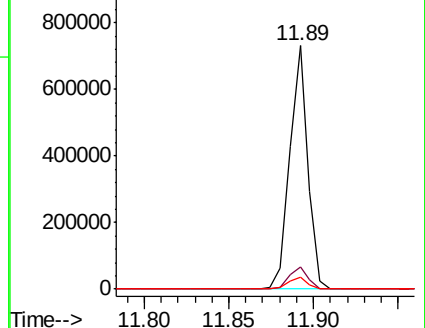
104 4.8 4.5 6.7

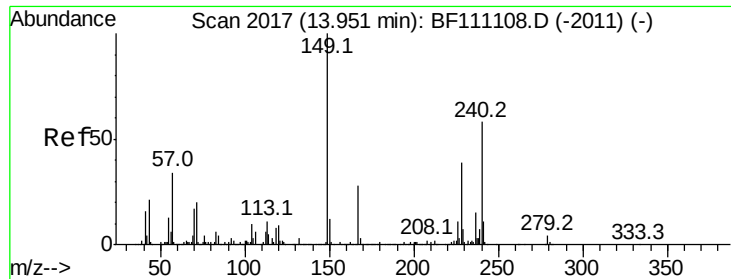


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

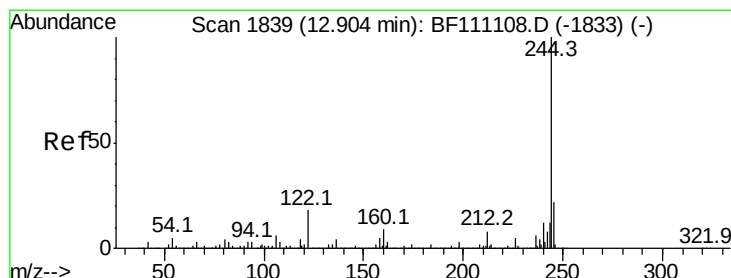
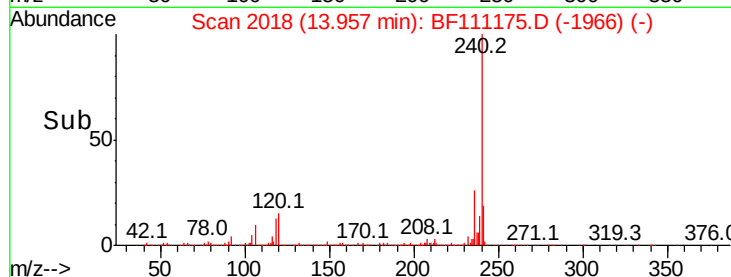
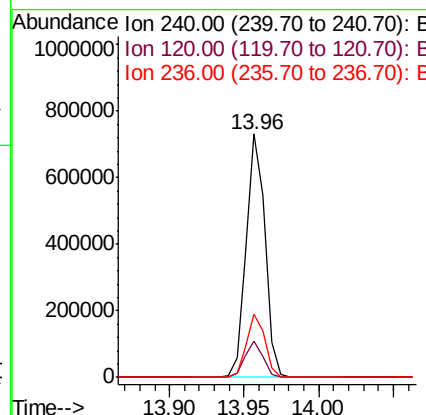
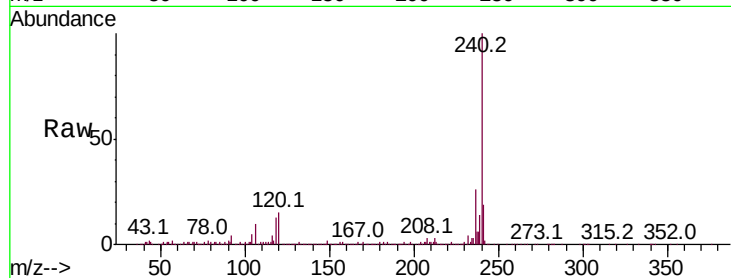




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BF111175.D
 Acq: 7 Dec 2018 9:04

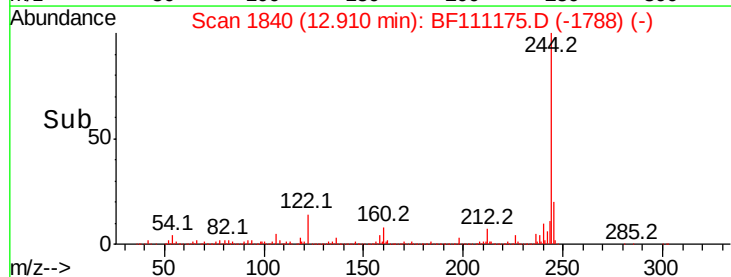
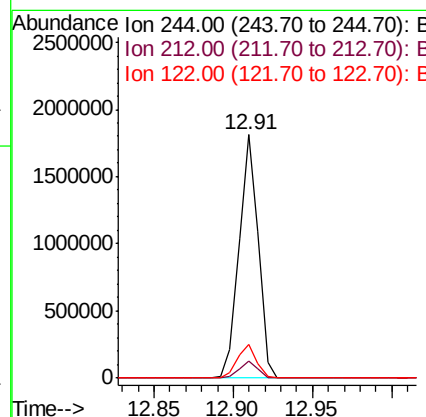
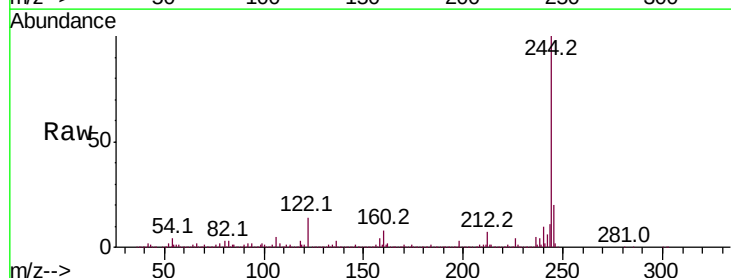
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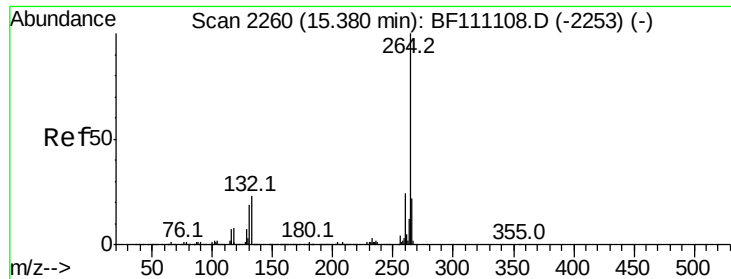
Tot Ion	Ratio	Lower	Upper
240	100		
120	14.9	12.8	19.2
236	25.9	21.1	31.7



#79
 Terphenyl-d14
 Concen: 48.695 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111175.D
 Acq: 7 Dec 2018 9:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.6	9.8
122	13.8	14.2	21.2#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.02 min
Lab File: BF111175.D
Acq: 7 Dec 2018 9:04

Instrument :
BNA_F
ClientSampleId :
NM-342-135-120418-DEBRI

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.0
265	22.9	17.4	26.0

