

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
 Data File : BF112088.D
 Acq On : 17 Jan 2019 14:44
 Operator : JU/SJ
 Sample : K1167-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-10

Manual Integrations
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Sohil
 1/18/2019 11:45:45 AM

Quant Time: Jan 18 00:24:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 18:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	316729	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1157805	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	535417	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	878521	20.00	ng	0.00
76) Chrysene-d12	14.03	240	707643	20.00	ng	0.00
87) Perylene-d12	15.50	264	614172	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	2137984	122.52	ng	0.01
7) Phenol-d6	6.51	99	2725940	124.85	ng	0.00
23) Nitrobenzene-d5	7.42	82	1671298	99.73	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	702205	121.57	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2881496	78.90	ng	0.00
79) Terphenyl-d14	12.97	244	2482300	74.62	ng	0.00
Target Compounds						
10) Phenol	6.52	94	173810	7.284	ng	Qvalue # 70
50) Dimethylphthalate	9.61	163	308531	7.902	ng	98
71) Phenanthrene	11.41	178	124334	2.812	ng	97
75) Fluoranthene	12.60	202	210681	4.513	ng	99
78) Pyrene	12.83	202	179130	3.837	ng	99
81) Benzo(a)anthracene	14.02	228	103068	2.540	ng	98
83) Chrysene	14.05	228	84710	2.206	ng	98
88) Benzo(b)fluoranthene	15.07	252	98403m	2.823	ng	

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

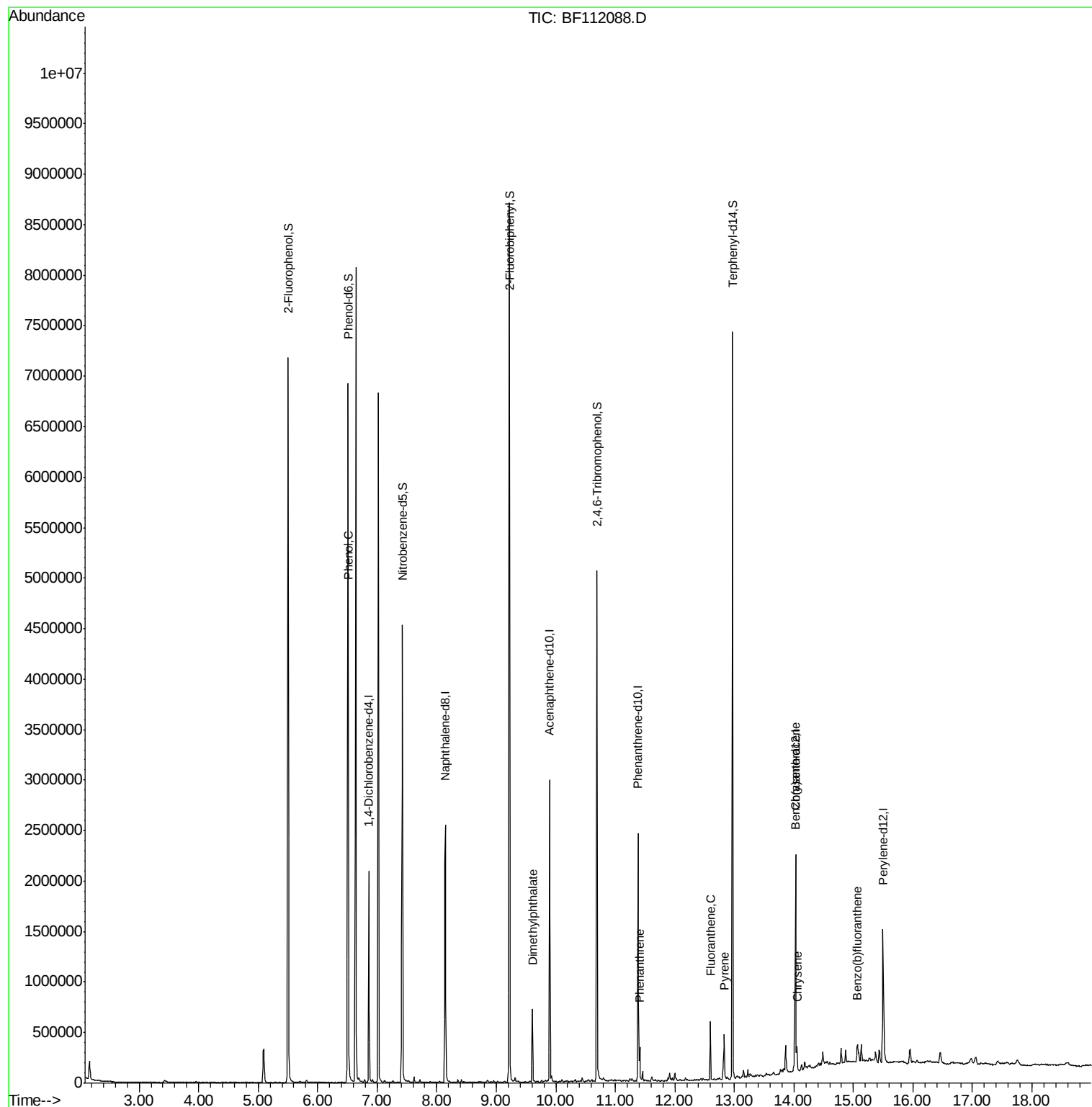
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112088.D
Acq On : 17 Jan 2019 14:44
Operator : JU/SJ
Sample : K1167-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

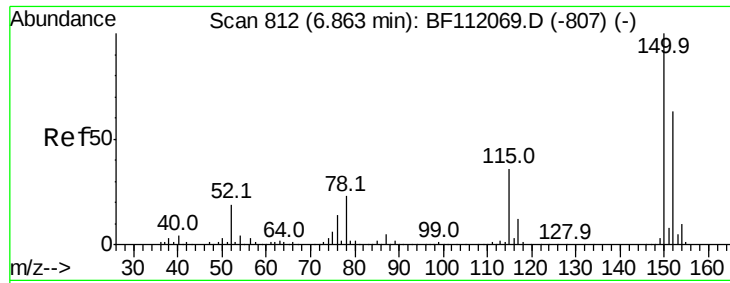
Instrument :
BNA_F
ClientSampleId :
D-10

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

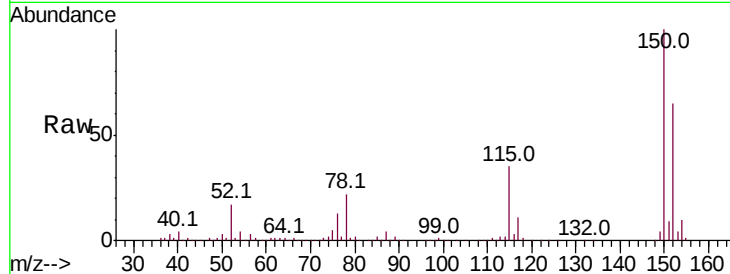
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF112088.D
Acq: 17 Jan 2019 14:44

Instrument :
BNA_F
ClientSampleId :
D-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	127.4	191.0
115	54.1	45.5	68.3

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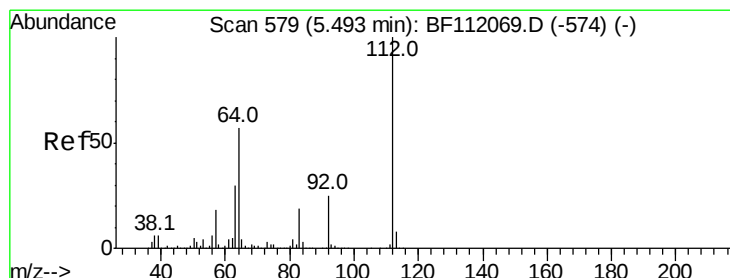
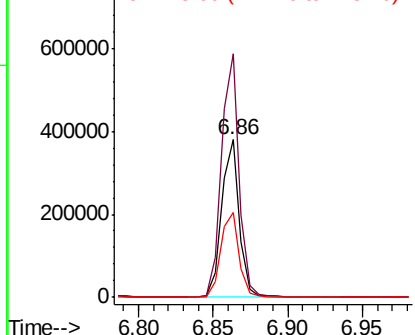
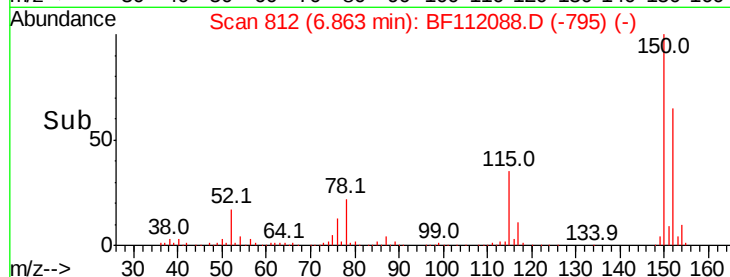


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

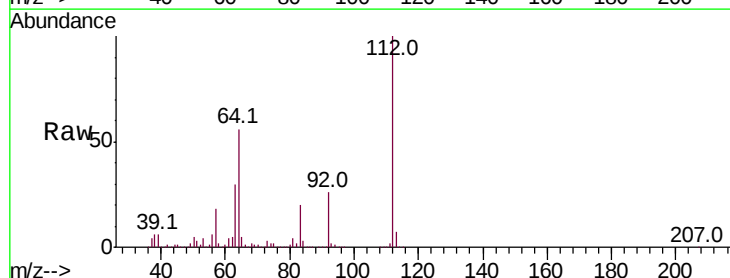
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 122.519 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF112088.D
Acq: 17 Jan 2019 14:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	45.7	68.5
63	29.8	23.6	35.4

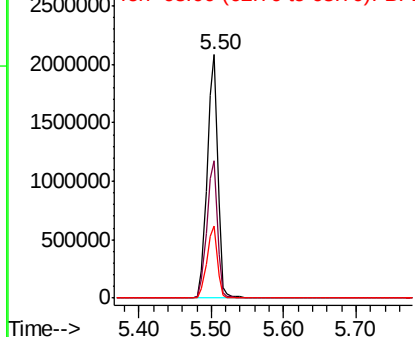
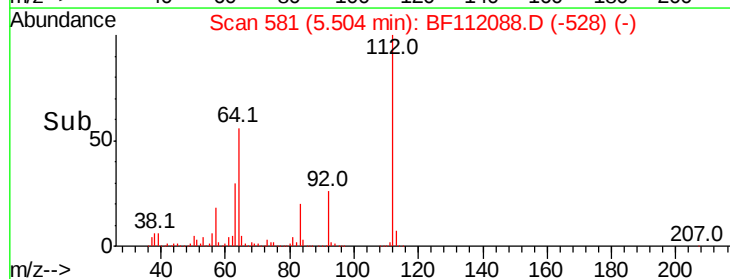


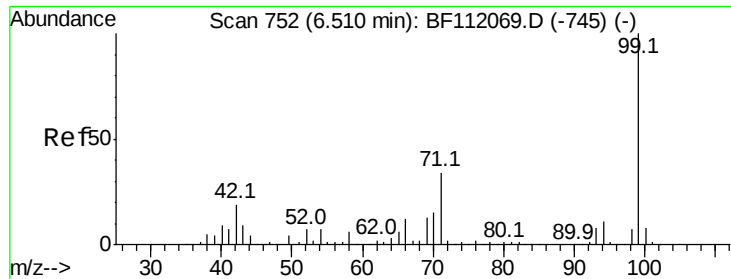
Abundance

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: 124.854 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF112088.D

Acq: 17 Jan 2019 14:44

Instrument :

BNA_F

ClientSampled :

D-10

Tot Ion: 99 Resp: 2725940

Ion Ratio Lower Upper

99 100

42 19.6 15.1 22.7

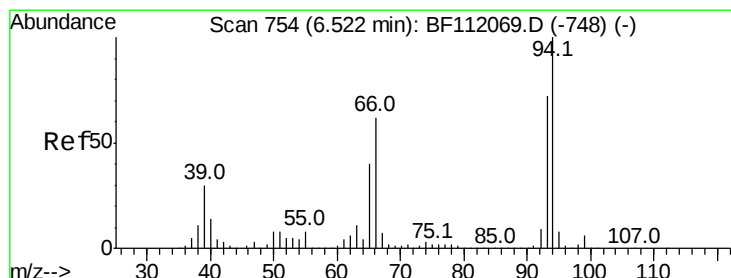
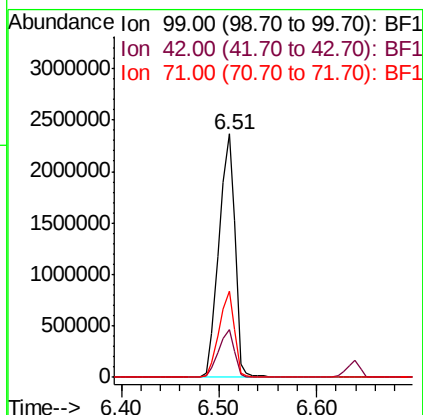
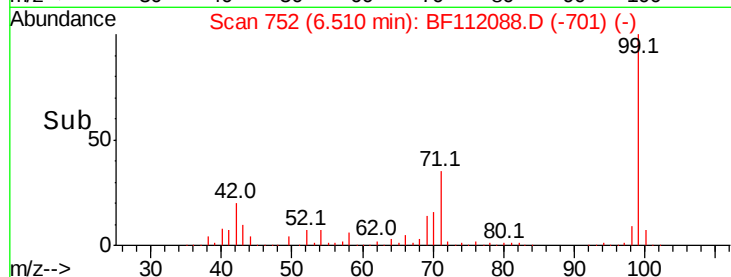
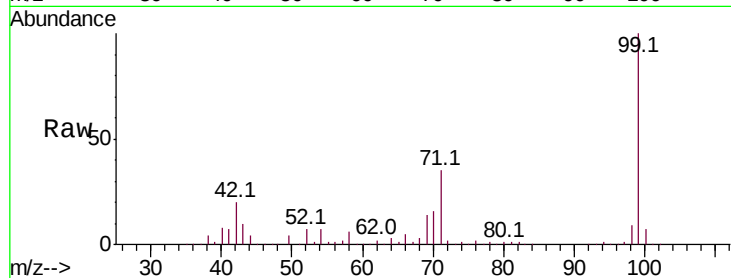
71 35.4 26.9 40.3

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#10

Phenol

Concen: 7.284 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF112088.D

Acq: 17 Jan 2019 14:44

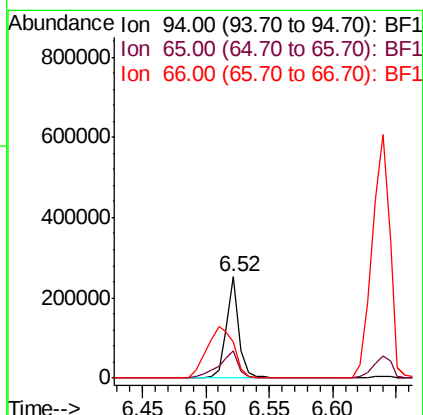
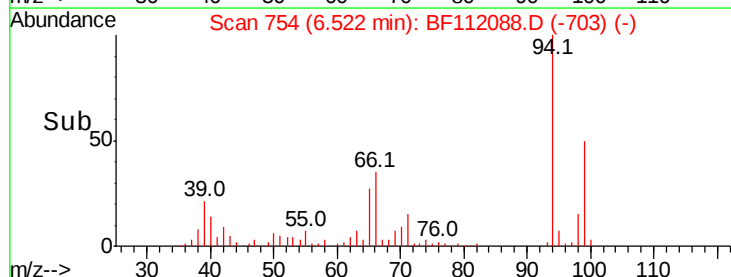
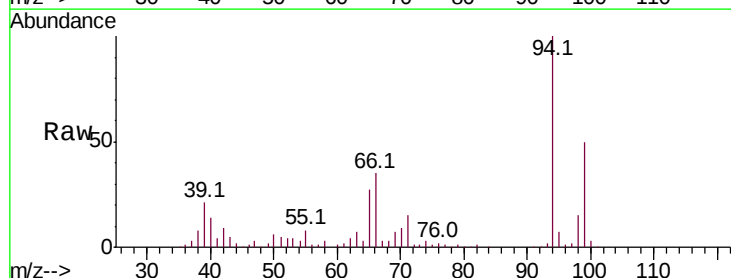
Tgt Ion: 94 Resp: 173810

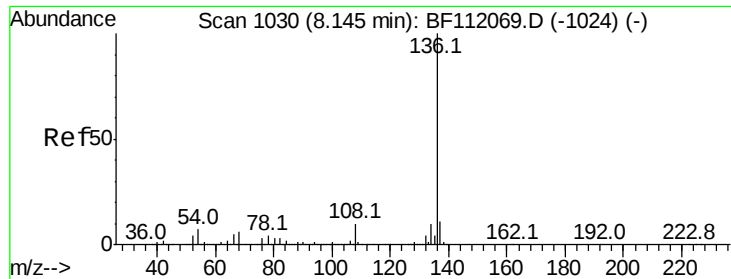
Ion Ratio Lower Upper

94 100

65 26.5 20.3 60.3

66 35.2 42.4 82.4#





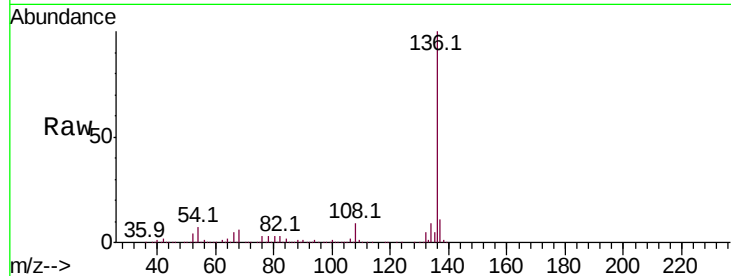
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF112088.D
Acq: 17 Jan 2019 14:44

Instrument :
BNA_F
ClientSampleId :
D-10

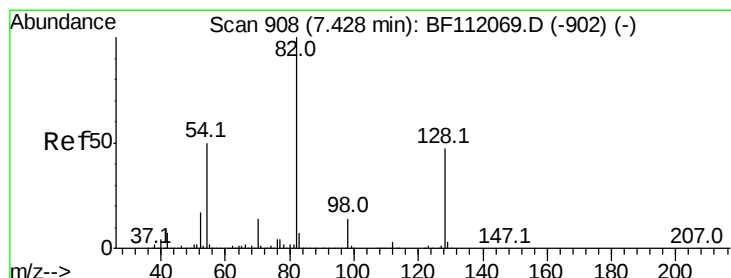
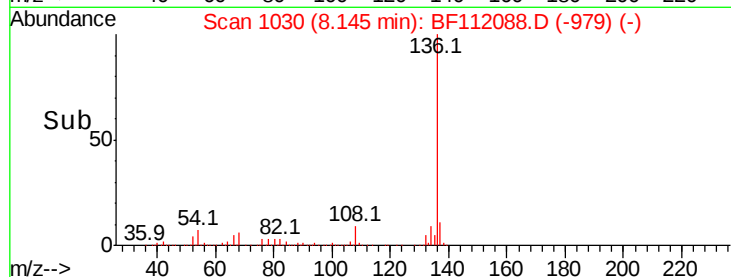
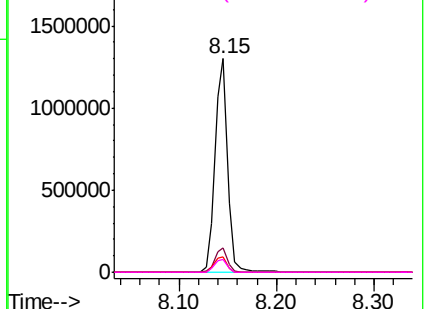
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.1	5.9	8.9
68	5.9	5.1	7.7

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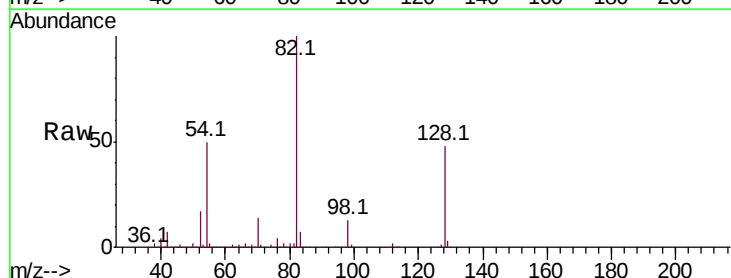


Abundance Ion 136.00 (135.70 to 136.70): E
2000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

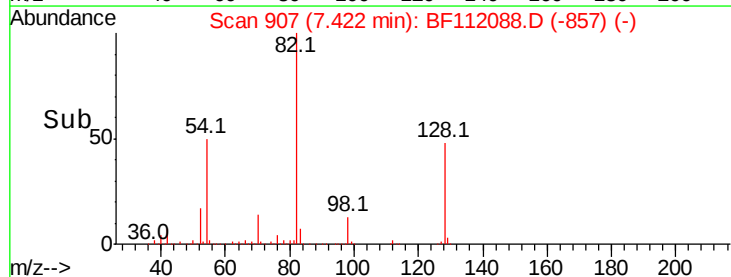
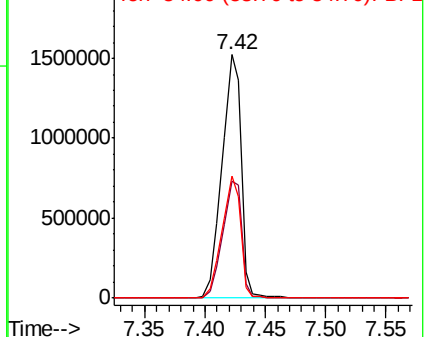


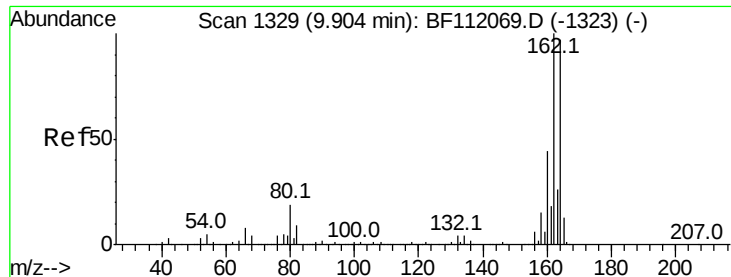
#23
Nitrobenzene-d5
Concen: 99.730 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112088.D
Acq: 17 Jan 2019 14:44

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.9	37.8	56.8
54	50.0	39.7	59.5



Abundance Ion 82.00 (81.70 to 82.70): BF1
2000000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





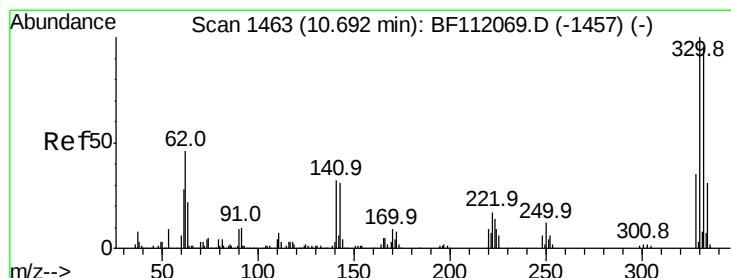
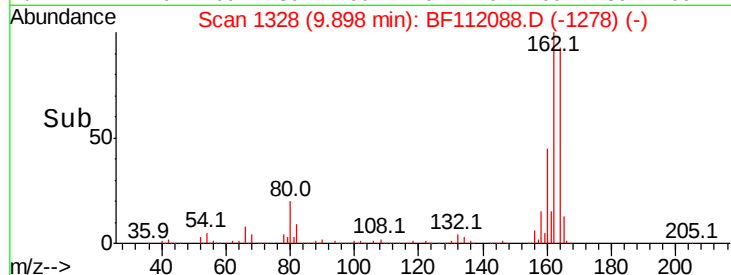
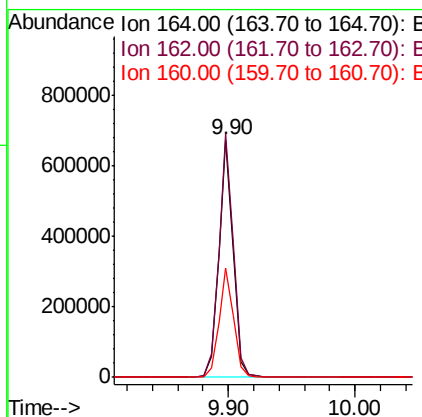
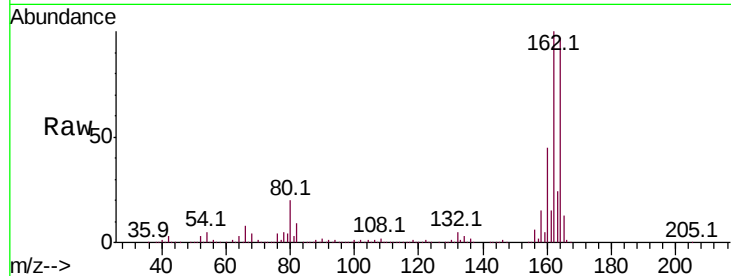
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF112088.D
Acq: 17 Jan 2019 14:44

Instrument :
BNA_F
ClientSampleId :
D-10

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.7	82.2	123.4	
160	45.8	36.2	54.4	

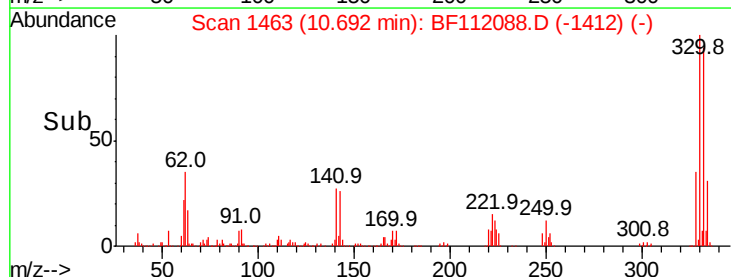
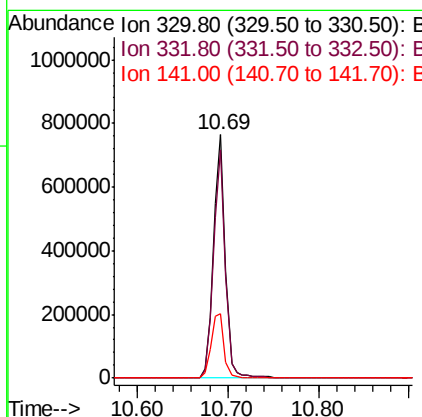
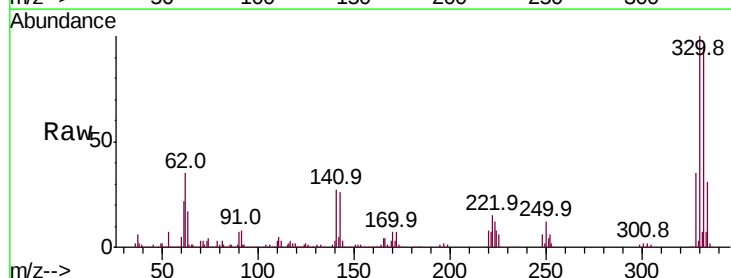
Manual Integrations
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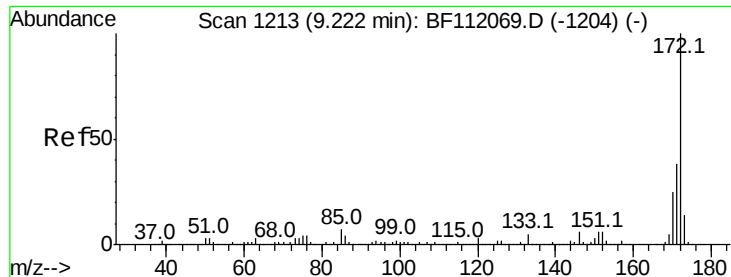
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#42
2,4,6-Tribromophenol
Concen: 121.573 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BF112088.D
Acq: 17 Jan 2019 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.1	76.6	114.8	
141	29.6	24.3	36.5	





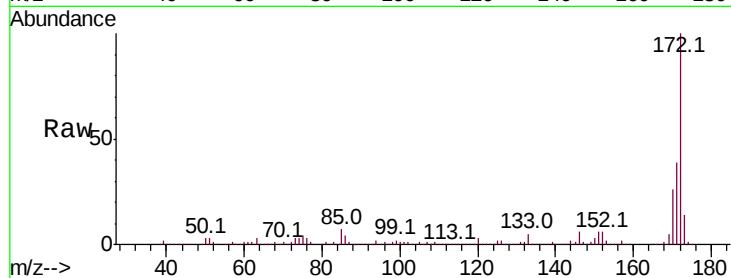
#45
2-Fluorobiphenyl
Concen: 78.903 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF112088.D
Acq: 17 Jan 2019 14:44

Instrument :
BNA_F
ClientSampleId :
D-10

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.5	45.7
170	25.8	20.2	30.4

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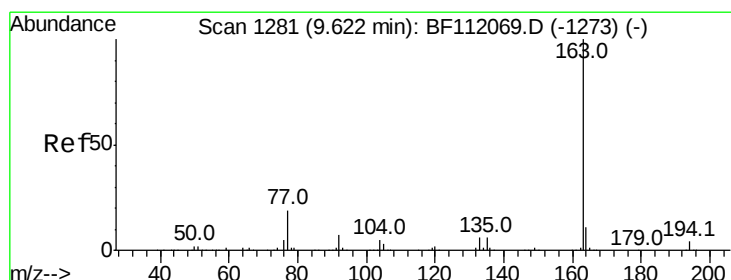
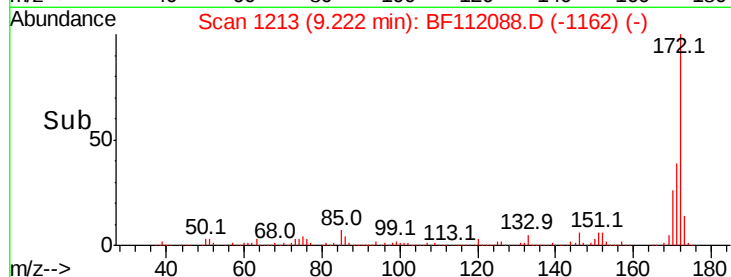
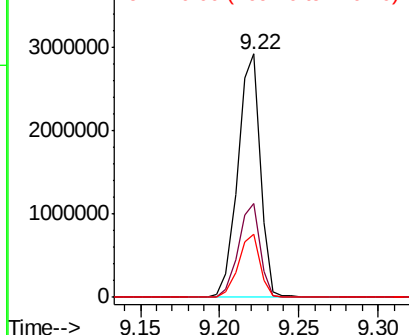


Abundance

Ion 172.00 (171.70 to 172.70): E

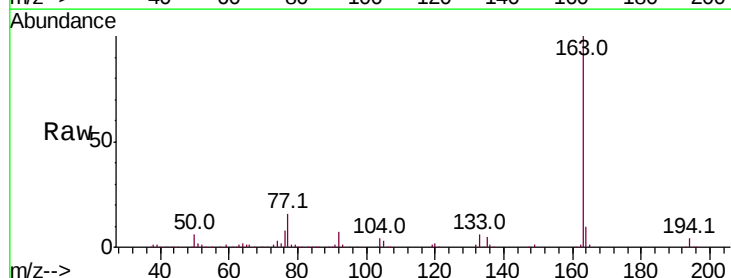
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 7.902 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF112088.D
Acq: 17 Jan 2019 14:44

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.6	8.5	12.7

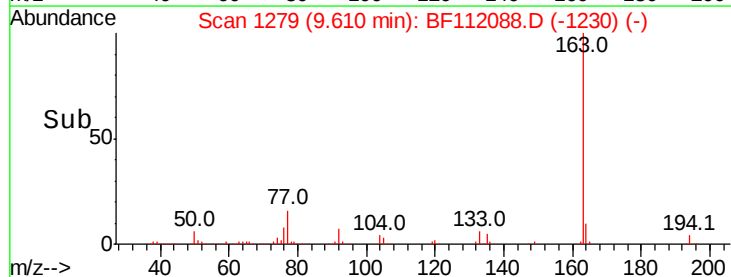
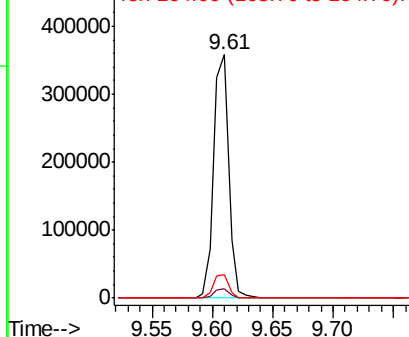


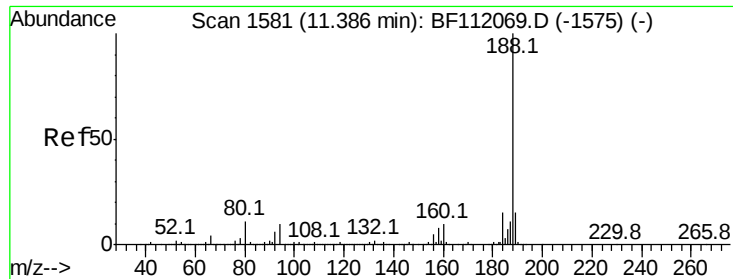
Abundance

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





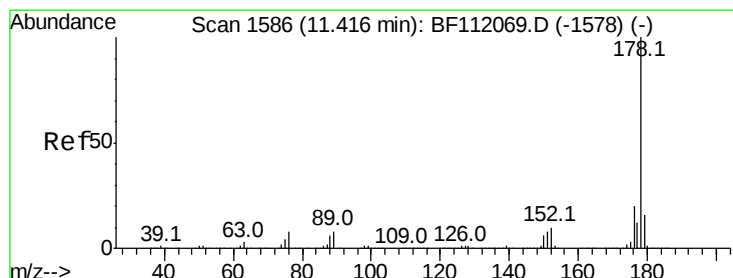
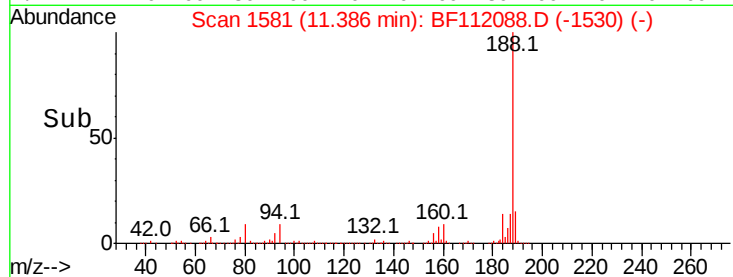
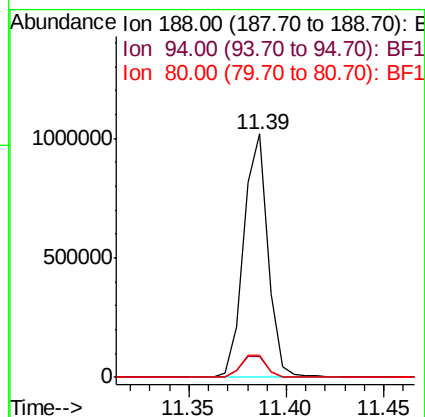
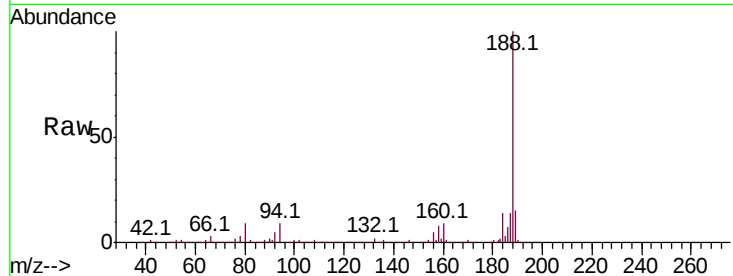
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF112088.D
Acq: 17 Jan 2019 14:44

Instrument :
BNA_F
ClientSampled :
D-10

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.6	8.2	12.2
80	9.0	8.9	13.3

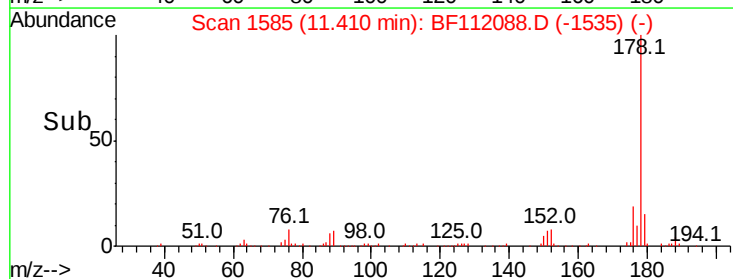
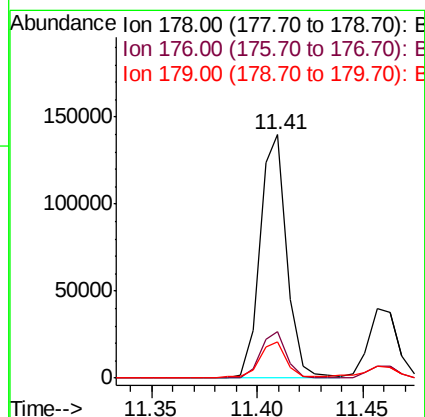
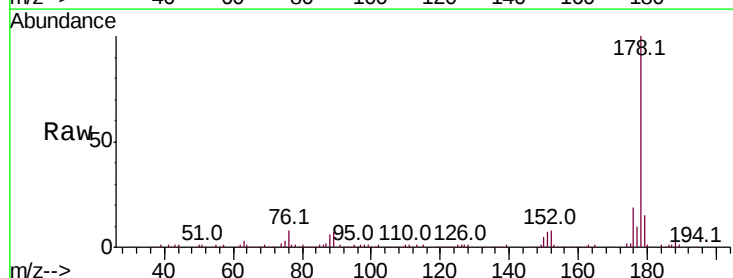
Manual Integrations
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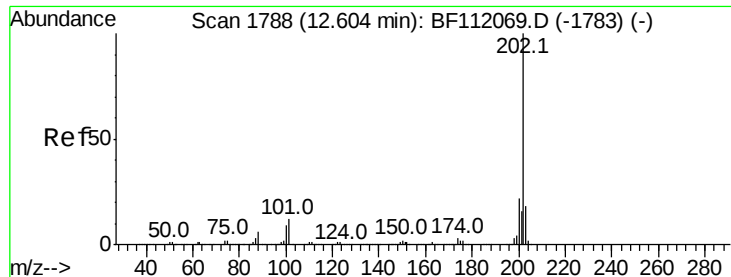
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#71
Phenanthrene
Concen: 2.812 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF112088.D
Acq: 17 Jan 2019 14:44

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.9	16.3	24.5
179	15.0	13.0	19.4





#75

Fluoranthene

Concen: 4.513 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF112088.D

Acq: 17 Jan 2019 14:44

Instrument :

BNA_F

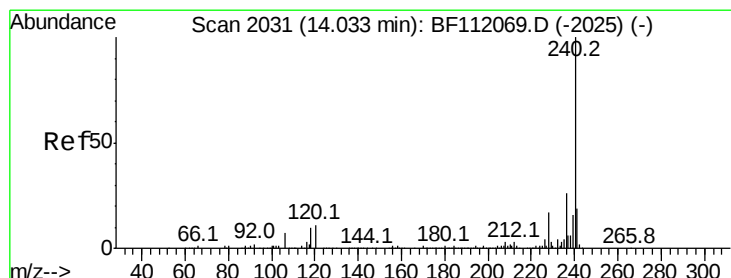
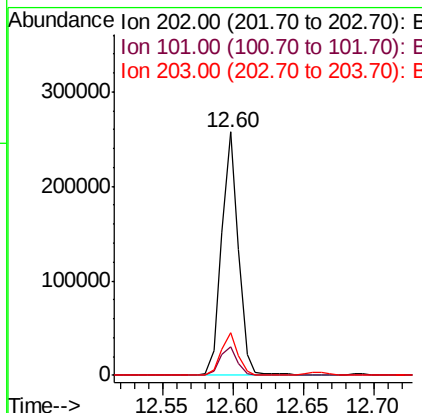
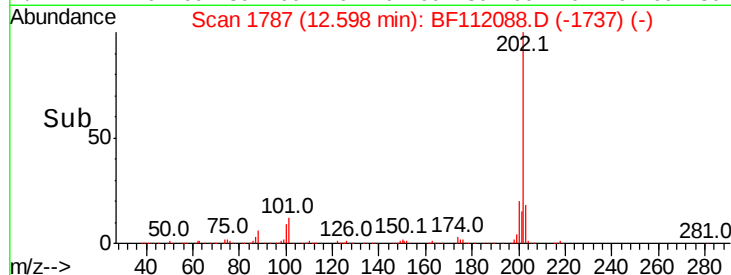
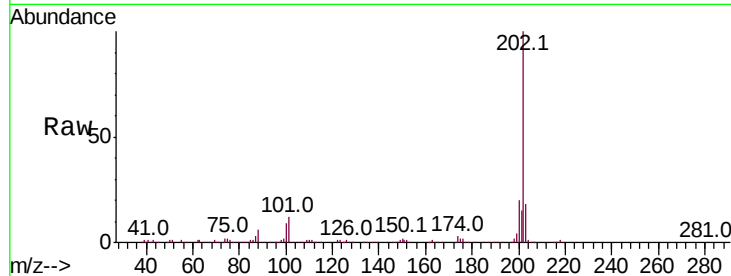
ClientSampleId :

D-10

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.8	0.0	31.8
203	17.5	0.0	38.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

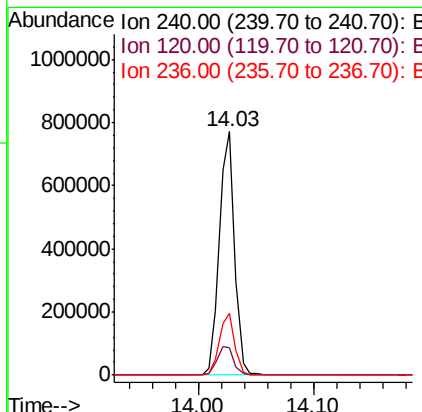
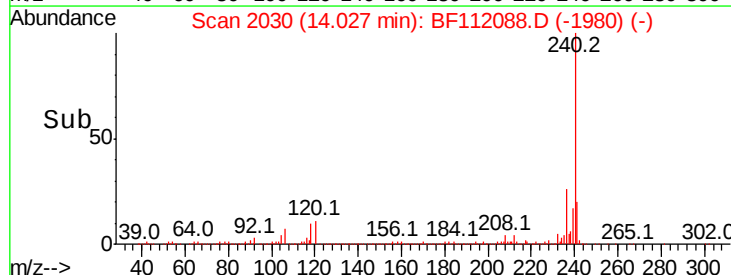
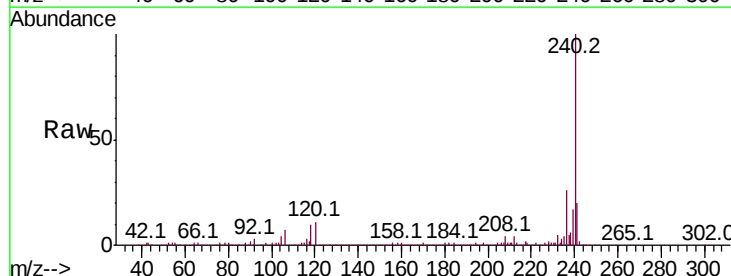
RT: 14.03 min Scan# 2030

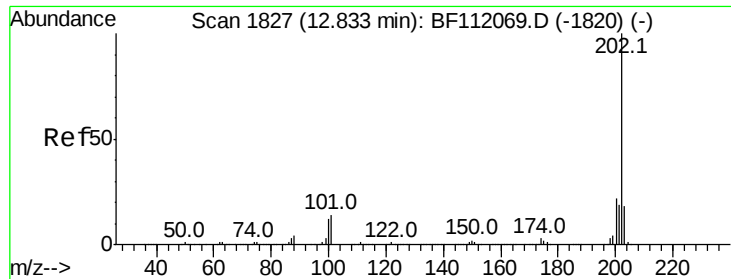
Delta R.T. -0.01 min

Lab File: BF112088.D

Acq: 17 Jan 2019 14:44

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.0	9.0	13.6
236	25.6	20.7	31.1





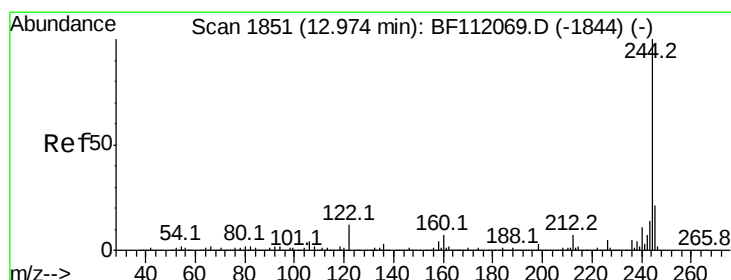
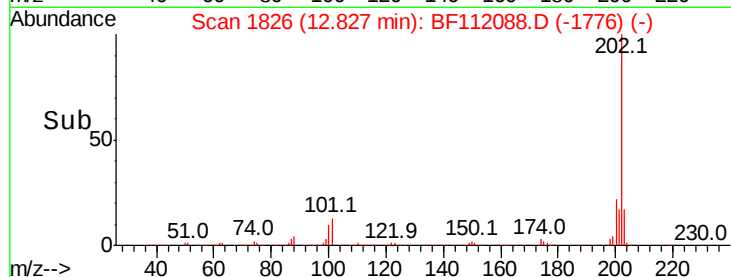
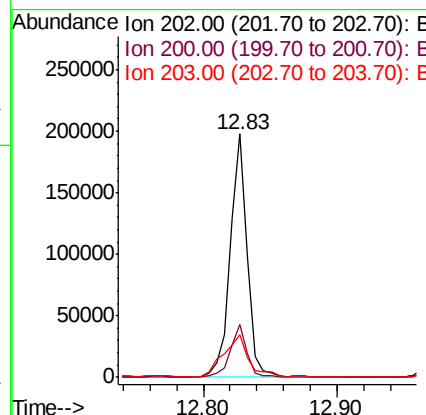
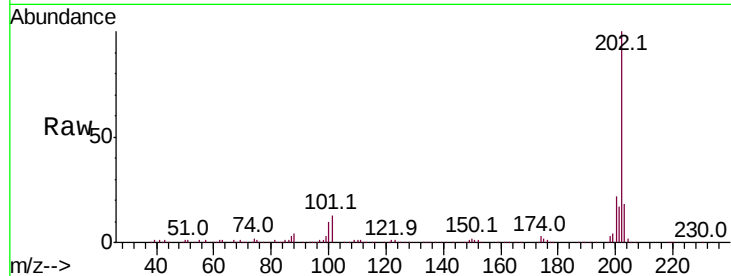
#78
Pvrene
Concen: 3.837 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF112088.D
Acq: 17 Jan 2019 14:44

Instrument :
BNA_F
ClientSampled :
D-10

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	17.5	14.6	22.0

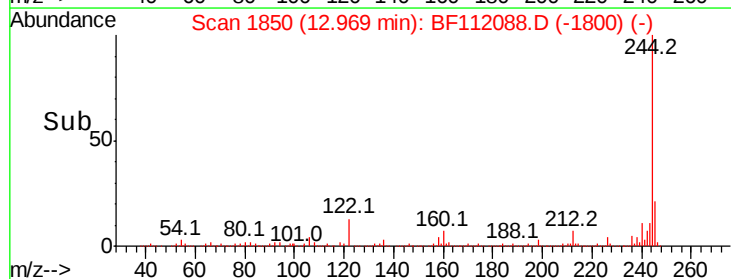
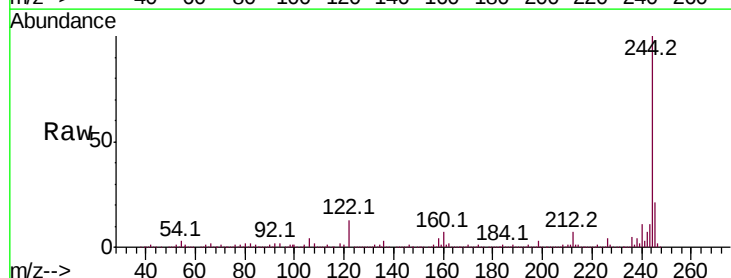
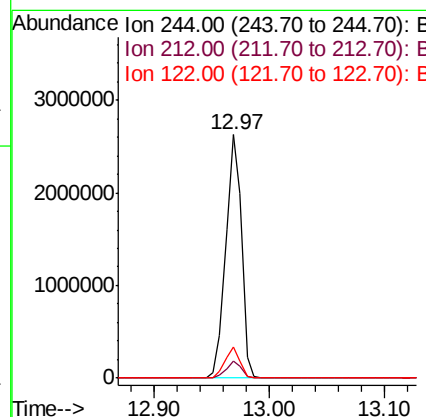
Manual Integrations
APPROVED

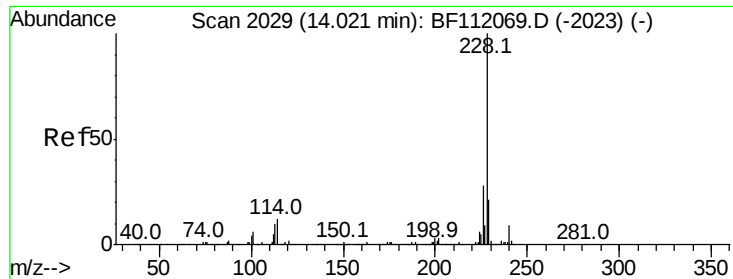
Sohil
1/18/2019 11:45:45 AM



#79
Terphenyl-d14
Concen: 74.625 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BF112088.D
Acq: 17 Jan 2019 14:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	12.7	9.8	14.6





#81

Benzo(a)anthracene

Concen: 2.540 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF112088.D

Acq: 17 Jan 2019 14:44

Instrument :

BNA_F

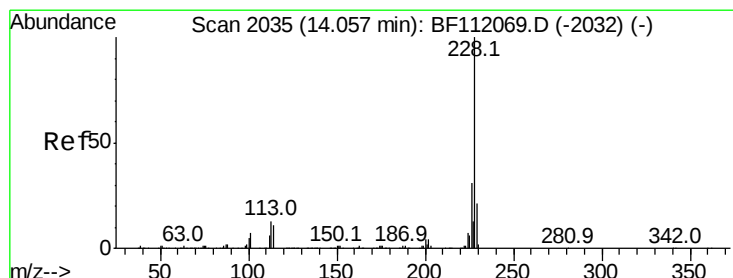
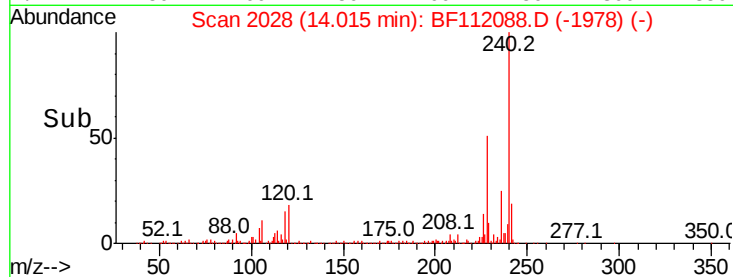
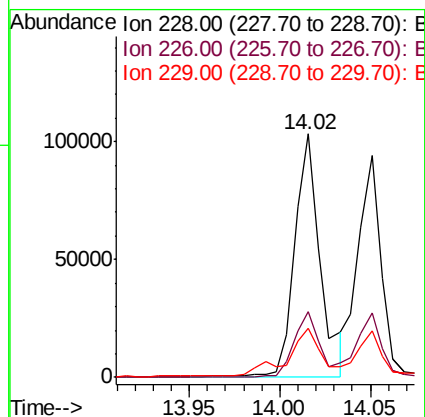
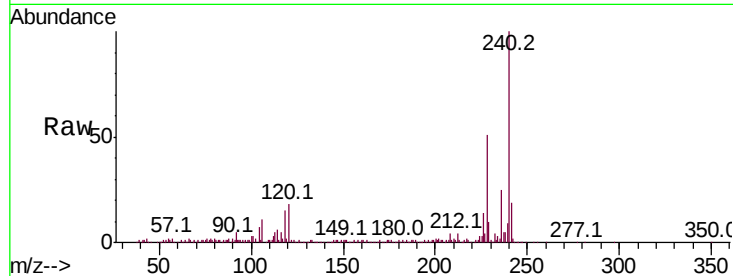
ClientSampled :

D-10

Tot Ion:	228	Resp:	103068
Ion Ratio	Lower	Upper	
228	100		
226	27.1	22.6	34.0
229	20.0	16.5	24.7

Manual Integrations
APPROVED

Sohil
1/18/2019 11:45:45 AM



#83

Chrysene

Concen: 2.206 ng

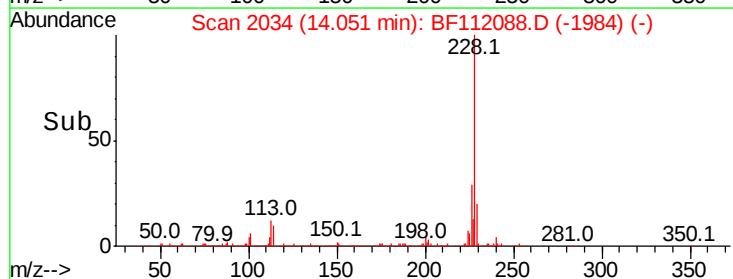
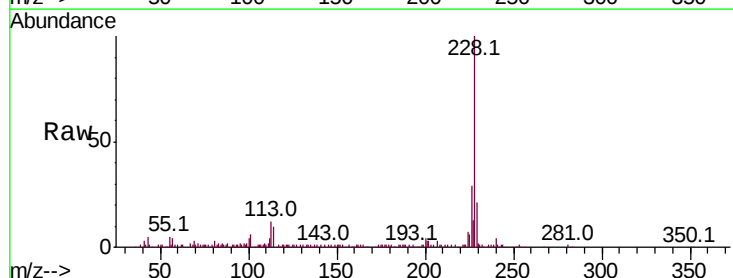
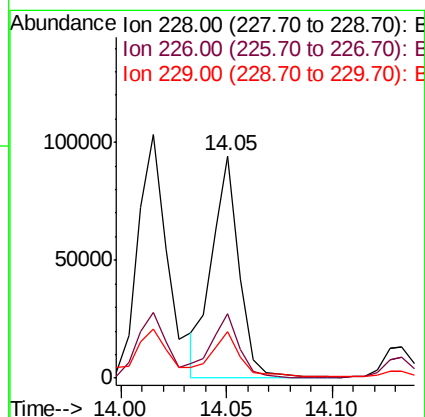
RT: 14.05 min Scan# 2034

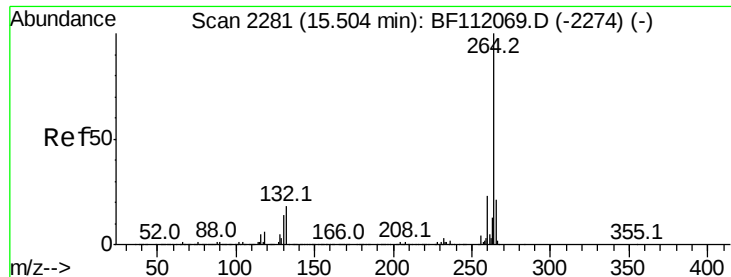
Delta R.T. -0.01 min

Lab File: BF112088.D

Acq: 17 Jan 2019 14:44

Tgt Ion:	228	Resp:	84710
Ion Ratio	Lower	Upper	
228	100		
226	29.3	25.0	37.6
229	20.9	16.6	24.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF112088.D

Acq: 17 Jan 2019 14:44

Instrument :

BNA_F

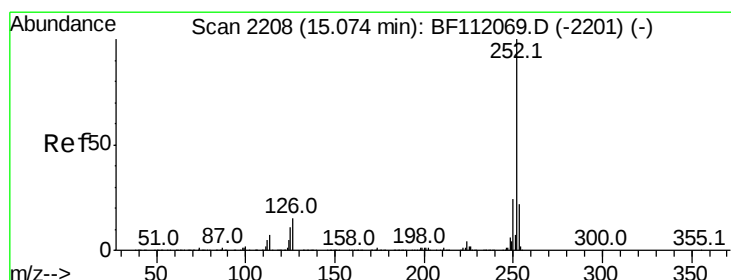
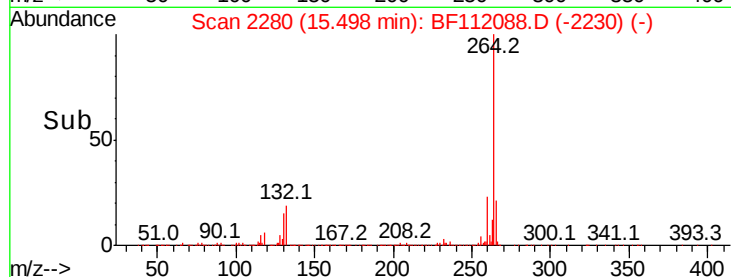
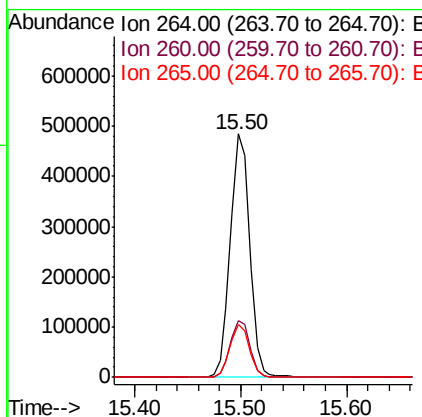
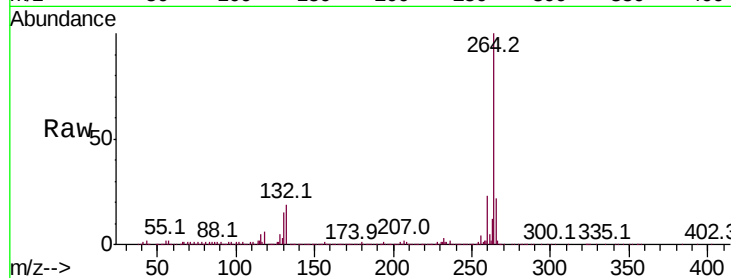
ClientSampleId :

D-10

Tot Ion:	264	Resp:	614172
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.2	27.2
265	21.6	17.0	25.4

Manual Integrations
APPROVED

Sohil
1/18/2019 11:45:45 AM



#88

Benzo(b)fluoranthene

Concen: 2.823 ng m

RT: 15.07 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BF112088.D

Acq: 17 Jan 2019 14:44

Tgt Ion:	252	Resp:	98403
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.0	27.0
125	13.1	8.7	13.1#

