

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
 Data File : BF112131.D
 Acq On : 18 Jan 2019 18:20
 Operator : JU/SJ
 Sample : K1191-08 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SITE4-WEST

Manual Integrations
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Sohil
 1/21/2019 12:00:53 PM

Quant Time: Jan 19 00:21:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 23:33:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	278758	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1103396	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	562197	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	1008409	20.00	ng	0.00
76) Chrysene-d12	14.02	240	673069	20.00	ng	0.00
87) Perylene-d12	15.50	264	629536	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	737763	48.04	ng	0.00
7) Phenol-d6	6.50	99	1042086	54.23	ng	0.00
23) Nitrobenzene-d5	7.41	82	646902	40.51	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	155196	25.59	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	1430978	37.32	ng	0.00
79) Terphenyl-d14	12.96	244	1307702	41.33	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	122981	3.000	ng	97
58) Fluorene	10.44	166	83726	2.255	ng	98
71) Phenanthrene	11.40	178	811934	15.999	ng	97
72) Anthracene	11.45	178	203771	3.964	ng	98
75) Fluoranthene	12.59	202	858733	16.026	ng	99
78) Pyrene	12.82	202	819107	18.446	ng	99
81) Benzo(a)anthracene	14.01	228	333931	8.653	ng	99
83) Chrysene	14.04	228	297534	8.148	ng	97
86) Indeno(1,2,3-cd)pyrene	16.97	276	115972	3.442	ng	# 92
88) Benzo(b)fluoranthene	15.07	252	351180m	9.827	ng	
89) Benzo(k)fluoranthene	15.09	252	80734m	2.334	ng	
90) Benzo(a)pyrene	15.43	252	240720	7.345	ng	# 95
92) Benzo(a,h,i)perylene	17.42	276	105846	3.691	ng	96

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

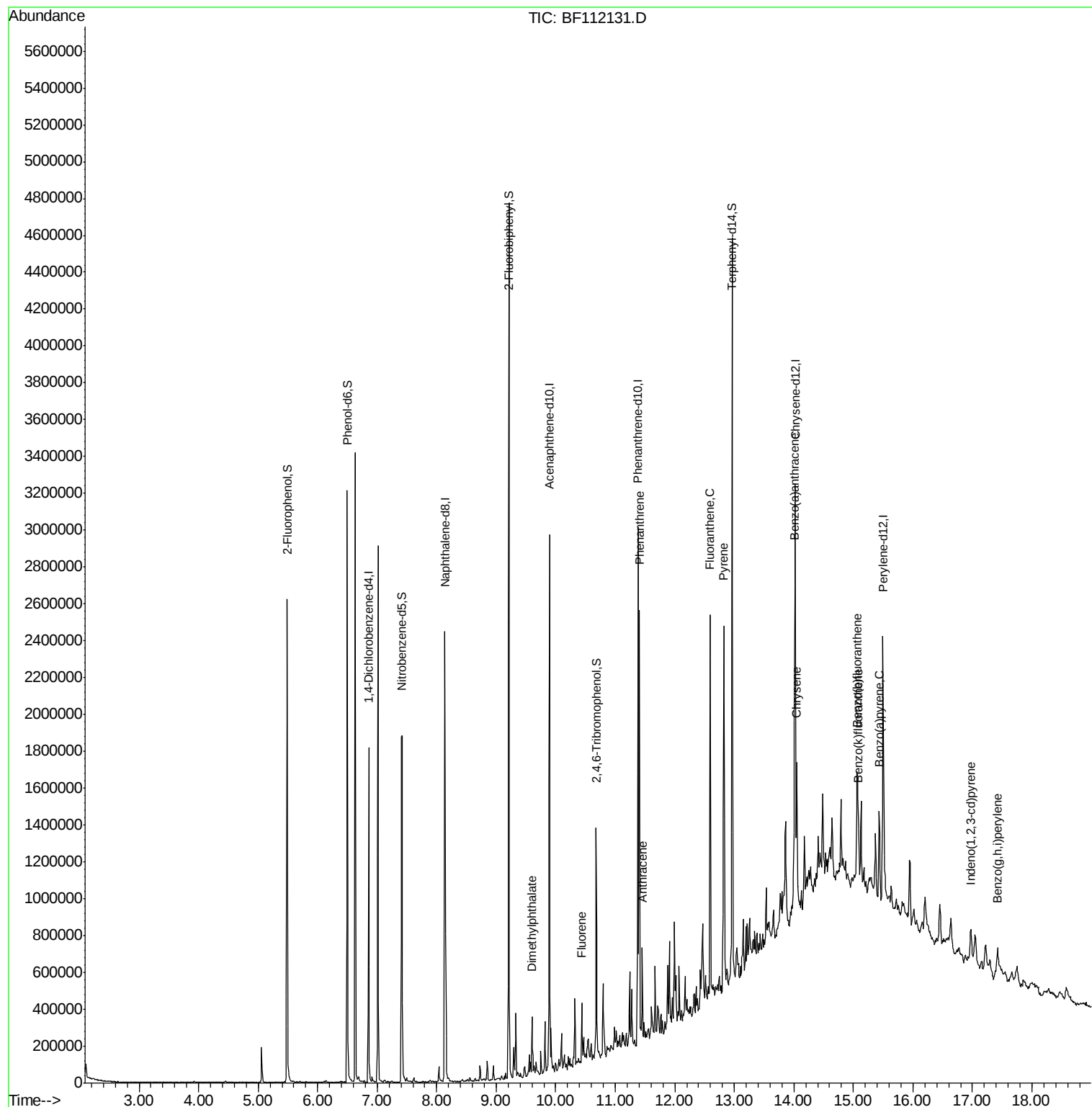
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112131.D
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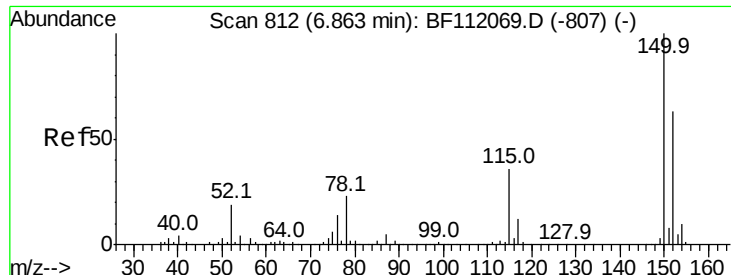
Instrument :
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SITE4-WEST

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Quant Time: Jan 19 00:21:33 2019
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

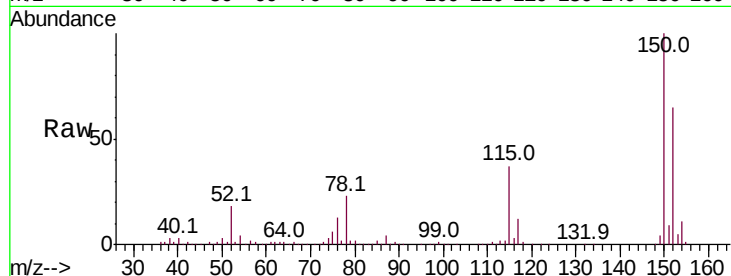
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112131.D
Acq: 18 Jan 2019 18:20

Instrument :
BNA_F
ClientSampleId :
SITE4-WEST

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	127.4	191.0
115	56.3	45.5	68.3

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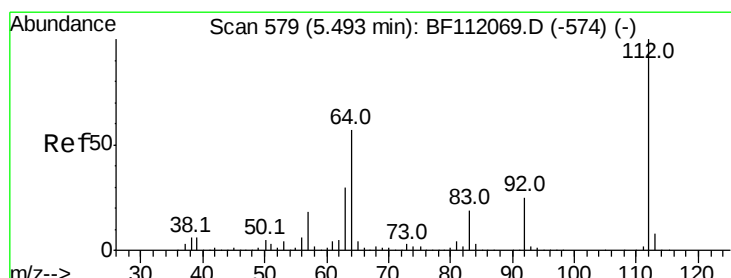
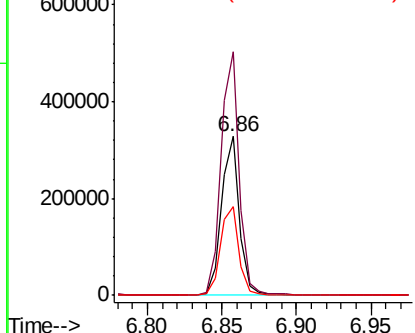
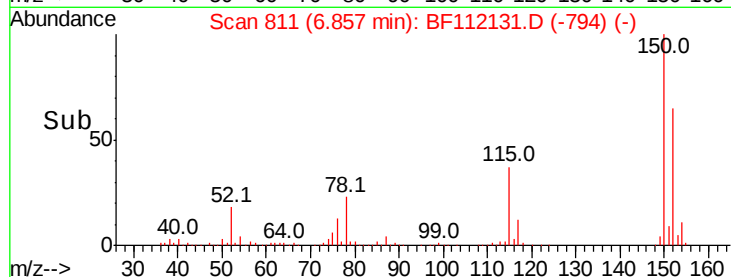


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

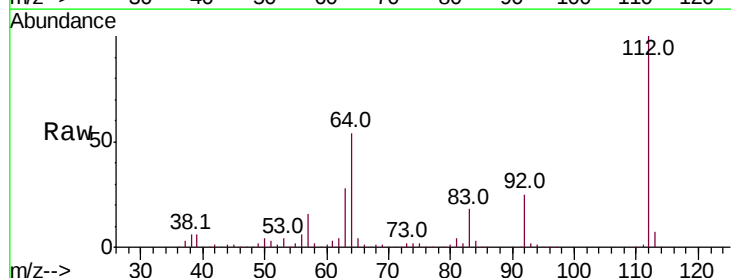
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 48.037 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF112131.D
Acq: 18 Jan 2019 18:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	45.7	68.5
63	27.8	23.6	35.4

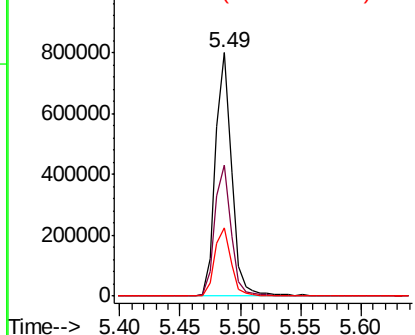
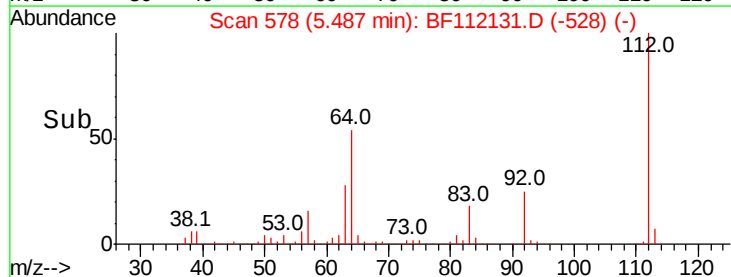


Abundance

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: 54.231 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112131.D

Acq: 18 Jan 2019 18:20

Instrument :

BNA_F

ClientSampleId :

SITE4-WEST

Tot Ion: 99 Resp: 1042086

Ion Ratio Lower Upper

99 100

42 17.3 15.1 22.7

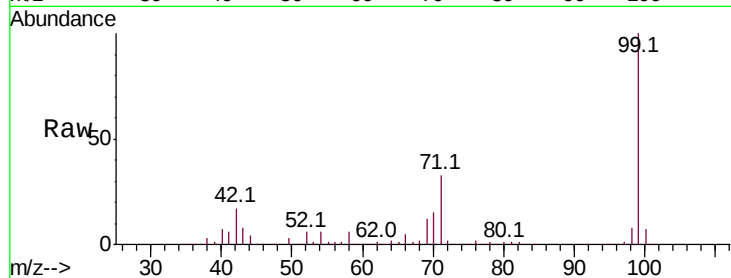
71 33.0 26.9 40.3

Manual Integrations

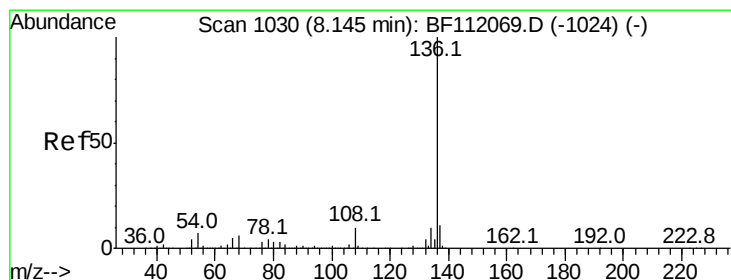
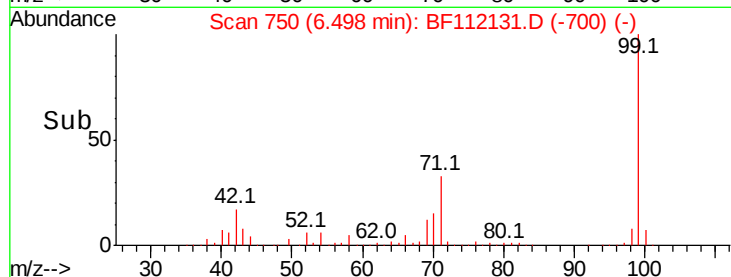
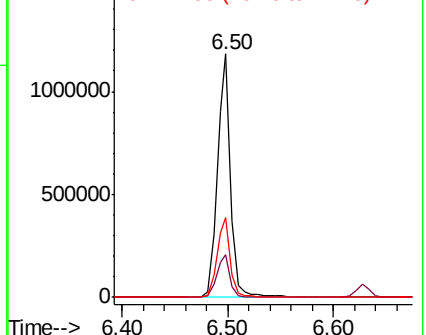
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF112131.D

Acq: 18 Jan 2019 18:20

Tgt Ion: 136 Resp: 1103396

Ion Ratio Lower Upper

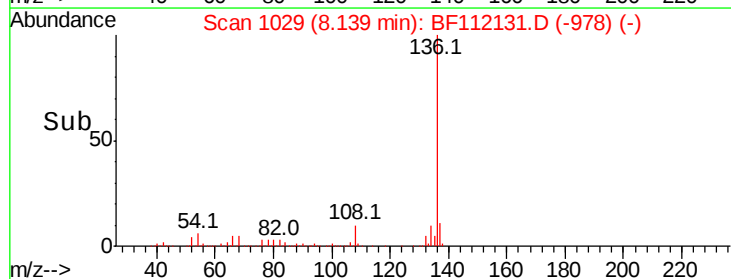
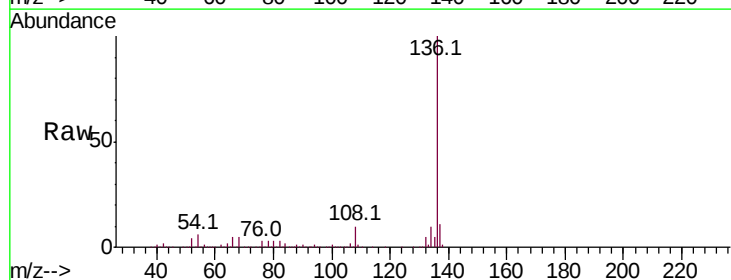
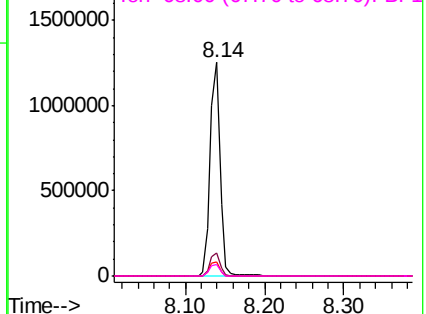
136 100

137 10.9 9.1 13.7

54 6.5 5.9 8.9

68 5.3 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: 40.506 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF112131.D

Acq: 18 Jan 2019 18:20

Instrument :

BNA_F

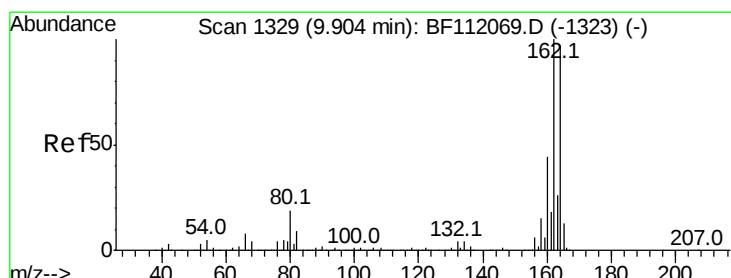
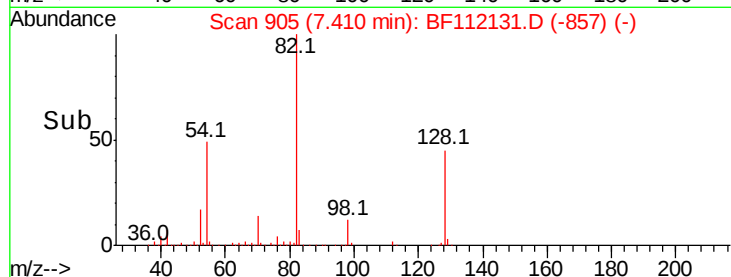
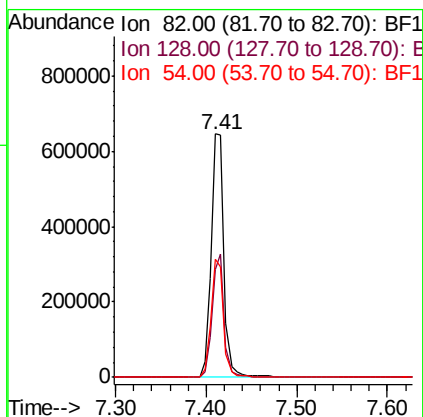
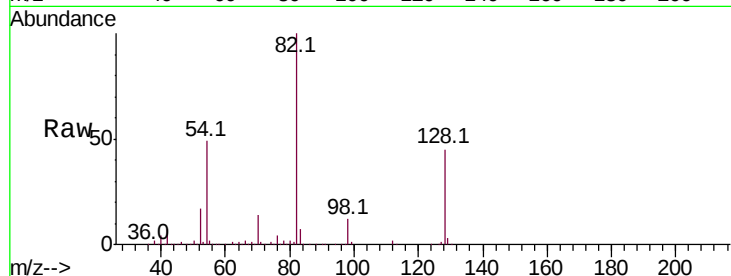
ClientSampled :

SITE4-WEST

Tot Ion:	82	Resp:	646902
Ion Ratio	Lower	Upper	
82	100		
128	44.6	37.8	56.8
54	48.6	39.7	59.5

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#39

Acenaphthene-d10

Concen: 20.000 ng

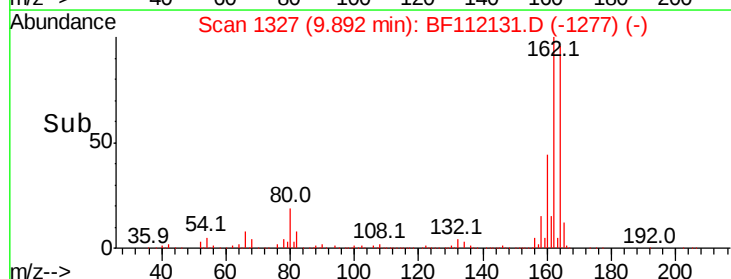
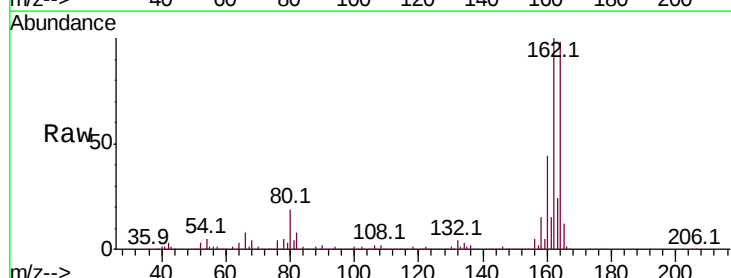
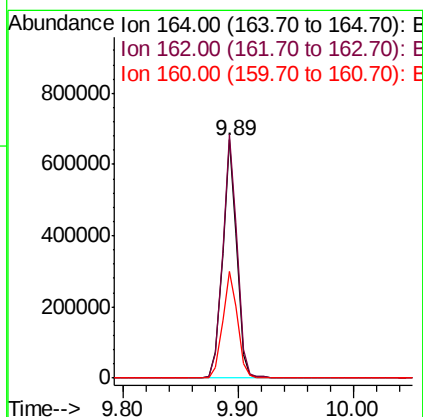
RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF112131.D

Acq: 18 Jan 2019 18:20

Tgt Ion:	164	Resp:	562197
Ion Ratio	Lower	Upper	
164	100		
162	102.3	82.2	123.4
160	44.9	36.2	54.4





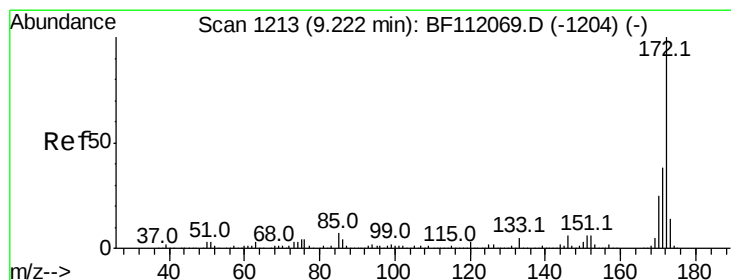
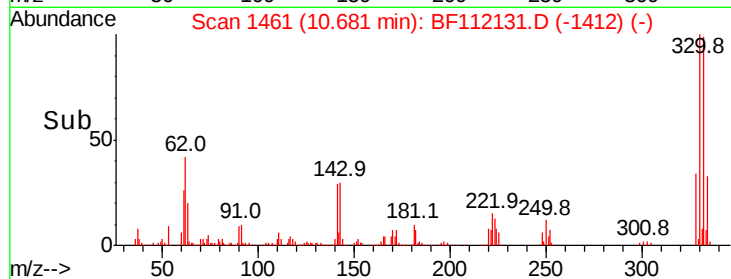
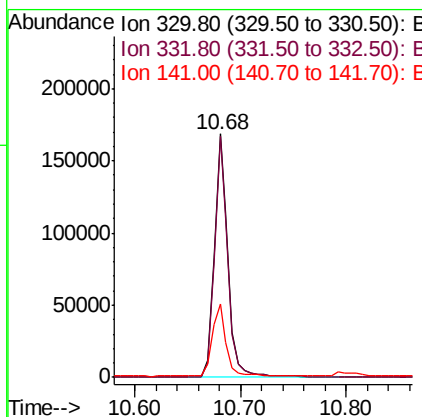
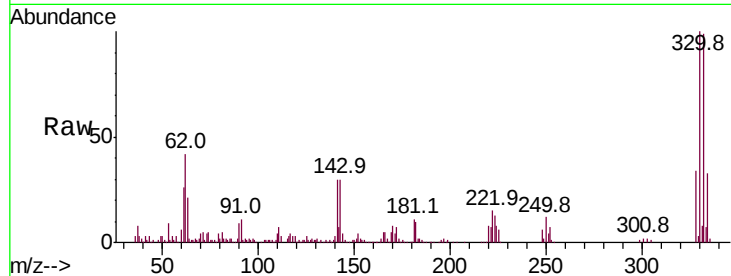
#42
 2,4,6-Tribromophenol
 Concen: 25.589 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF112131.D
 Acq: 18 Jan 2019 18:20

Instrument :
 BNA_F
 ClientSampleId :
 SITE4-WEST

Tot Ion	Ratio	Resp	Lower	Upper
330	100	155196		
332	96.7	76.6	114.8	
141	29.7	24.3	36.5	

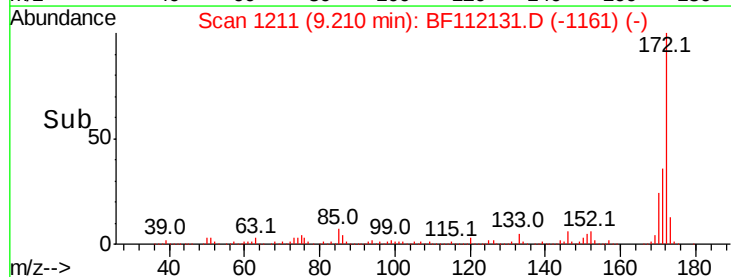
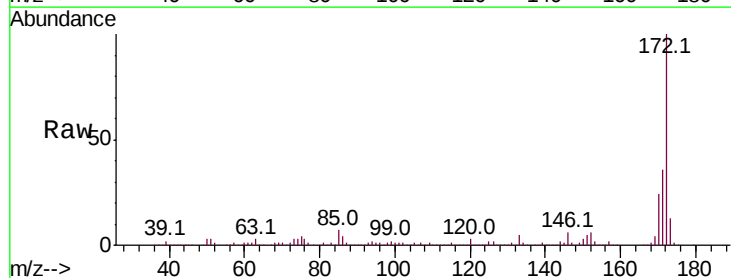
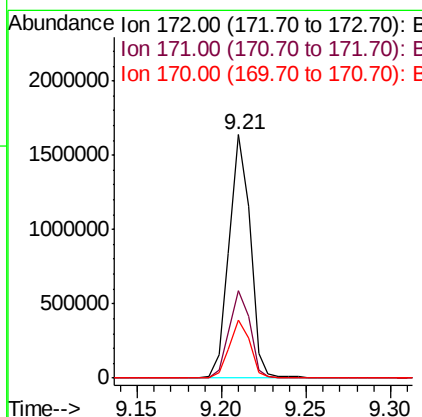
Manual Integrations
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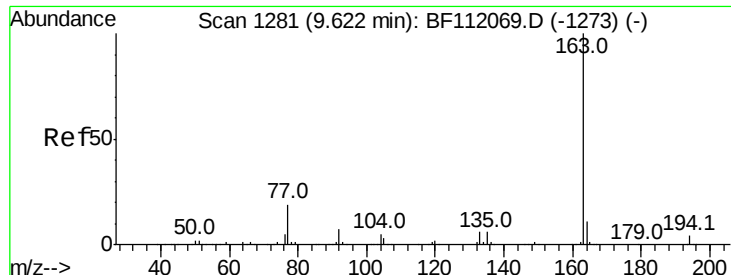
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#45
 2-Fluorobiphenyl
 Concen: 37.317 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112131.D
 Acq: 18 Jan 2019 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1430978		
171	36.0	30.5	45.7	
170	23.7	20.2	30.4	





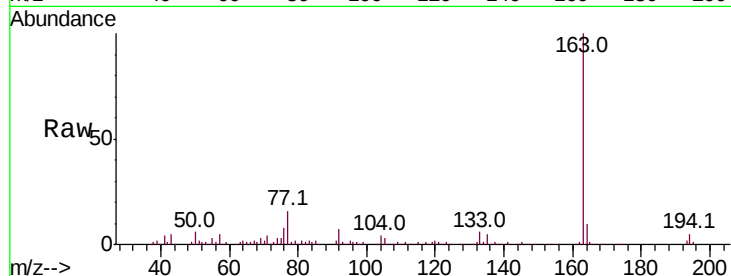
#50
Dimethylphthalate
Concen: 3.000 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF112131.D
Acq: 18 Jan 2019 18:20

Instrument :
BNA_F
ClientSampleId :
SITE4-WEST

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.8	3.3	4.9
164	9.5	8.5	12.7

Manual Integrations
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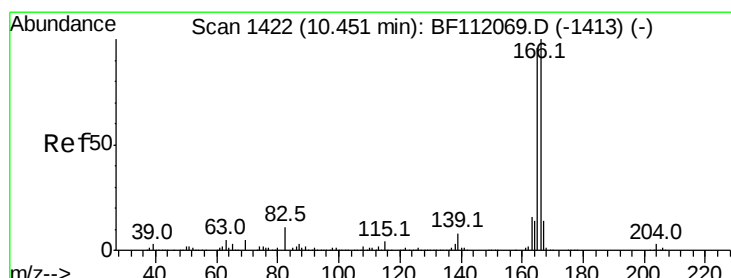
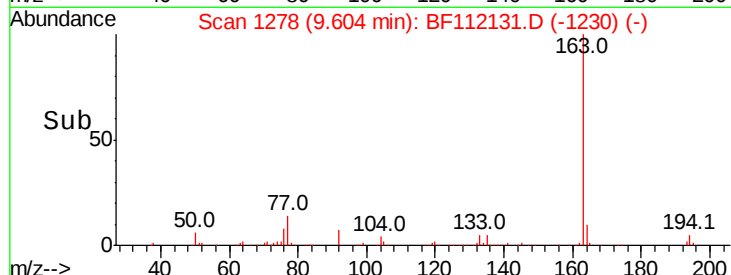
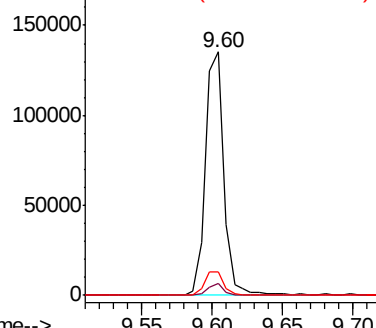


Abundance

Ion 163.00 (162.70 to 163.70): E

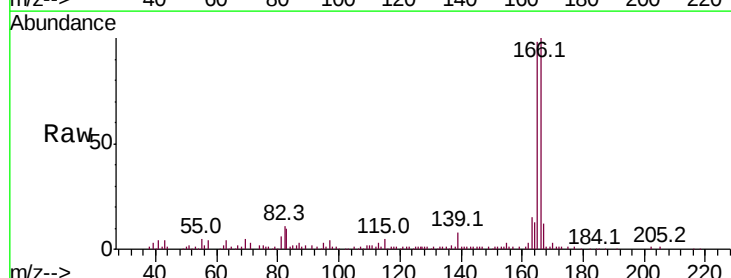
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#58
Fluorene
Concen: 2.255 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF112131.D
Acq: 18 Jan 2019 18:20

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	98.1	77.1	115.7
167	12.5	11.3	16.9

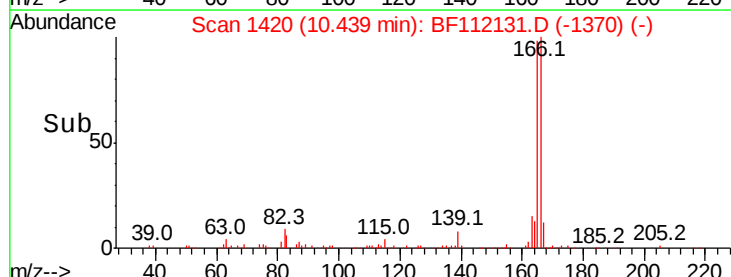
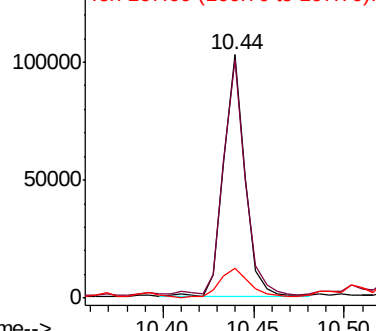


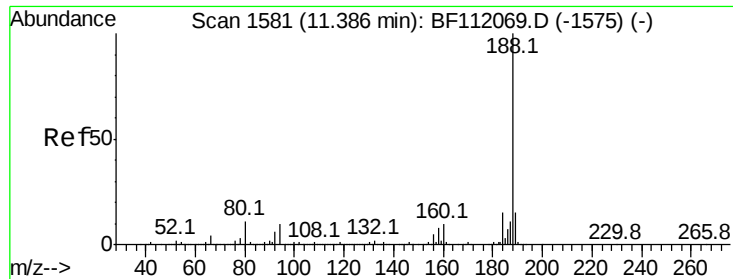
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





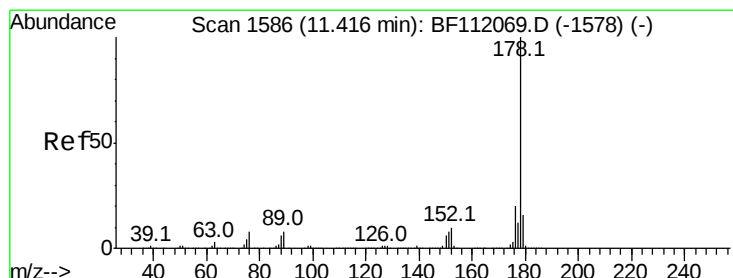
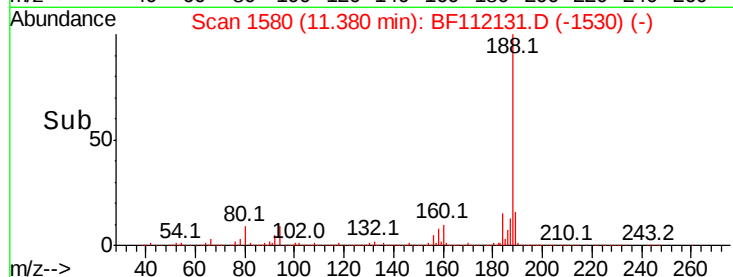
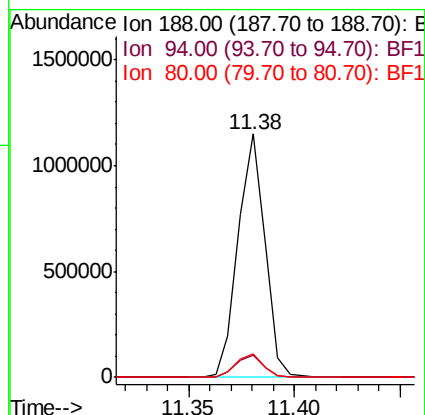
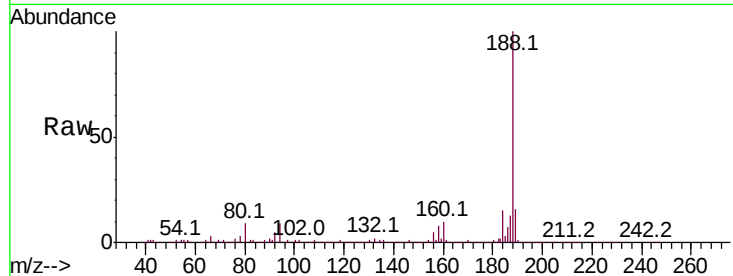
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF112131.D
Acq: 18 Jan 2019 18:20

Instrument :
BNA_F
ClientSampleId :
SITE4-WEST

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.2	12.2
80	9.5	8.9	13.3

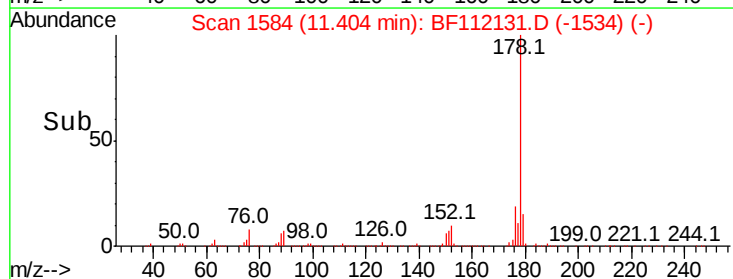
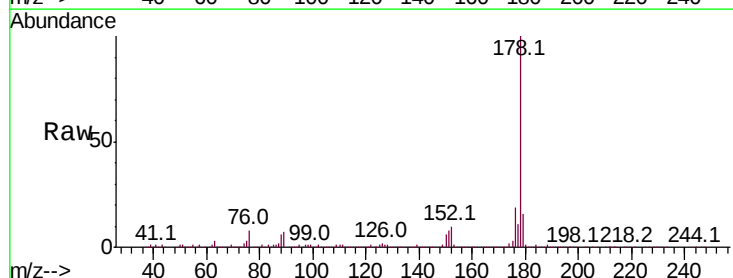
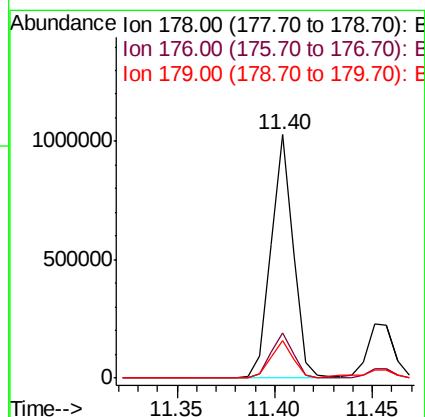
Manual Integrations
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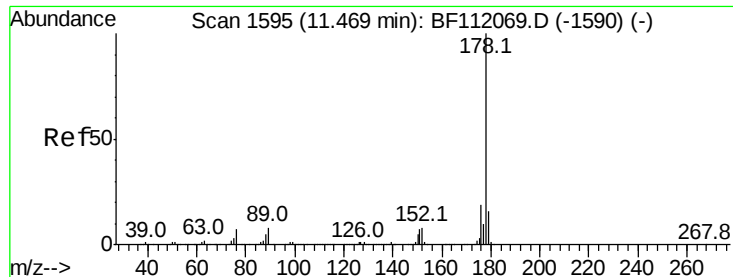
Sohil
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#71
Phenanthrene
Concen: 15.999 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF112131.D
Acq: 18 Jan 2019 18:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.3	24.5
179	15.5	13.0	19.4





#72

Anthracene

Concen: 3.964 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BF112131.D

Acq: 18 Jan 2019 18:20

Instrument :

BNA_F

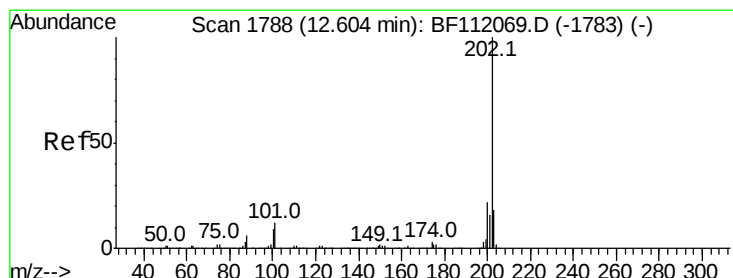
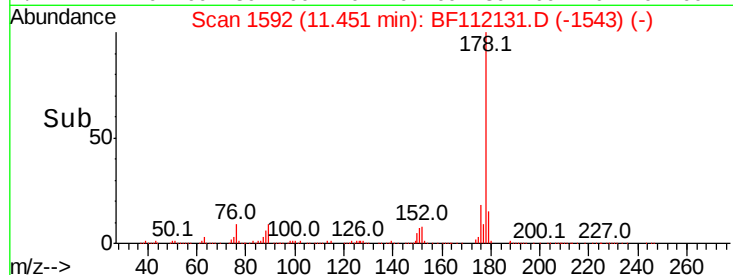
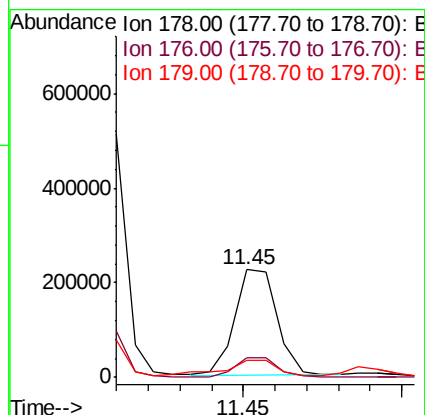
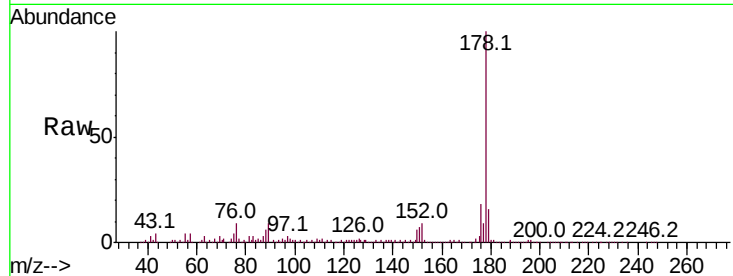
ClientSampleId :

SITE4-WEST

Tot Ion:	178	Resp:	203771
Ion Ratio	Lower	Upper	
178	100		
176	18.1	15.5	23.3
179	15.7	12.8	19.2

Manual Integrations
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#75

Fluoranthene

Concen: 16.026 ng

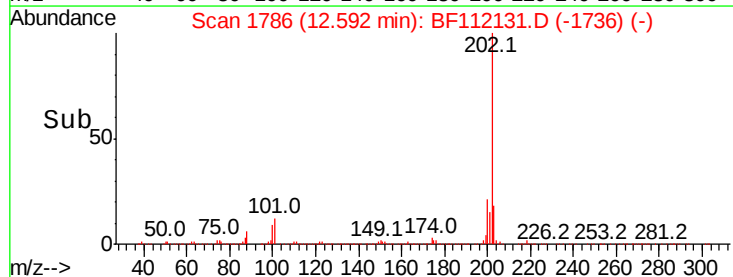
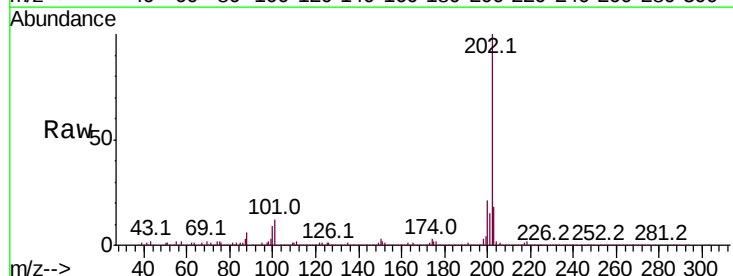
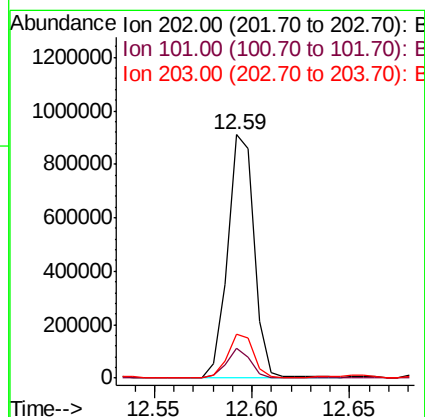
RT: 12.59 min Scan# 1786

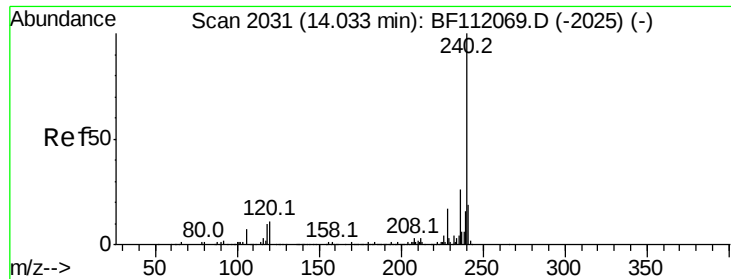
Delta R.T. -0.01 min

Lab File: BF112131.D

Acq: 18 Jan 2019 18:20

Tgt Ion:	202	Resp:	858733
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	31.8
203	17.9	0.0	38.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF112131.D

Acq: 18 Jan 2019 18:20

Instrument :

BNA_F

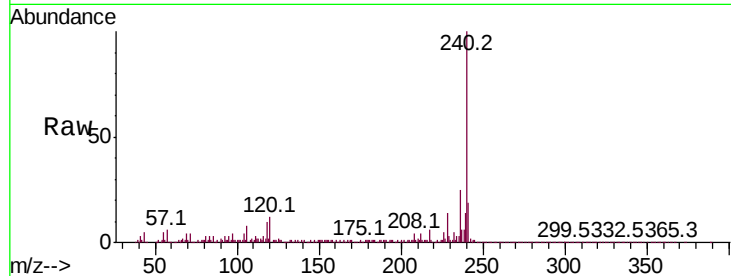
ClientSampled :

SITE4-WEST

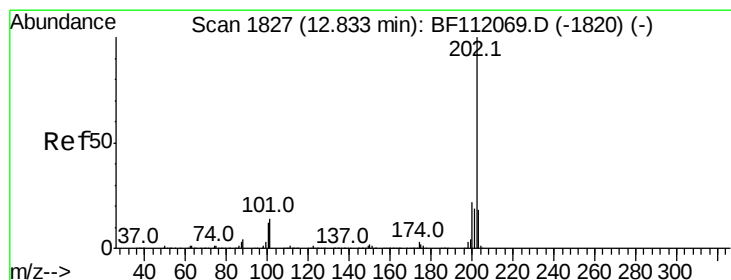
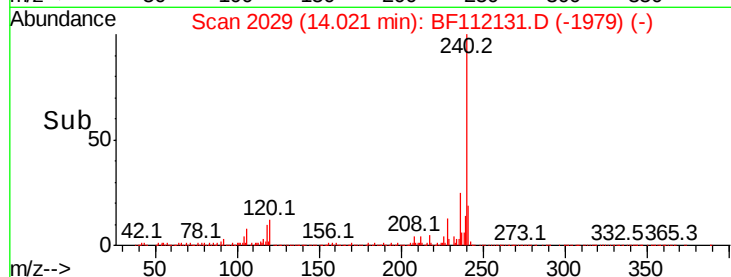
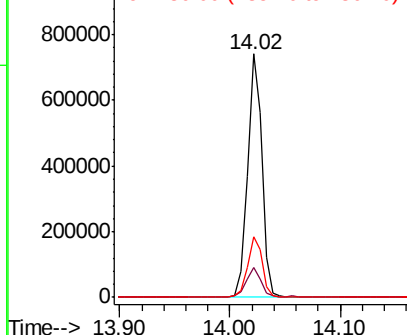
Tot Ion:	240	Resp:	673069
Ion Ratio	Lower	Upper	
240	100		
120	12.2	9.0	13.6
236	25.1	20.7	31.1

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 18.446 ng

RT: 12.82 min Scan# 1825

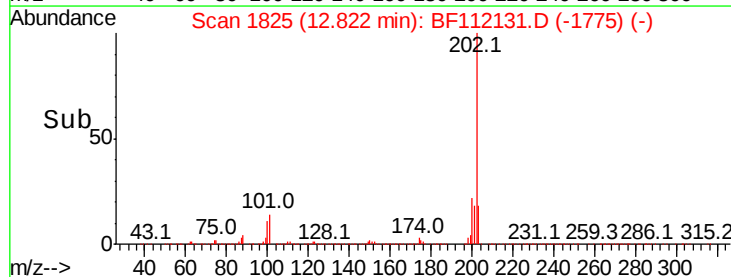
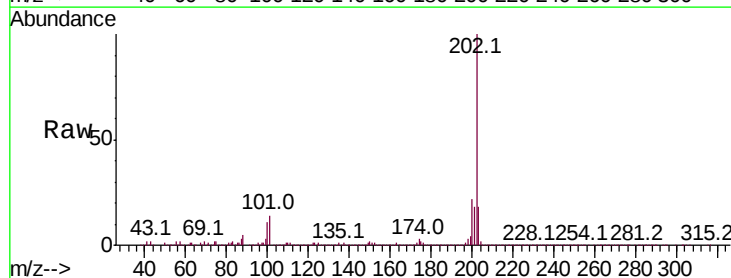
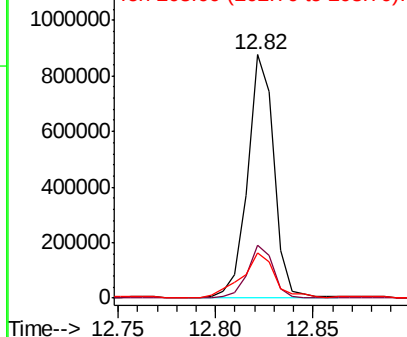
Delta R.T. -0.01 min

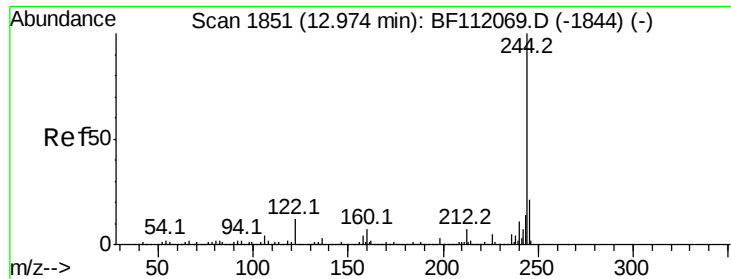
Lab File: BF112131.D

Acq: 18 Jan 2019 18:20

Tgt Ion:	202	Resp:	819107
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.7	26.5
203	18.4	14.6	22.0

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





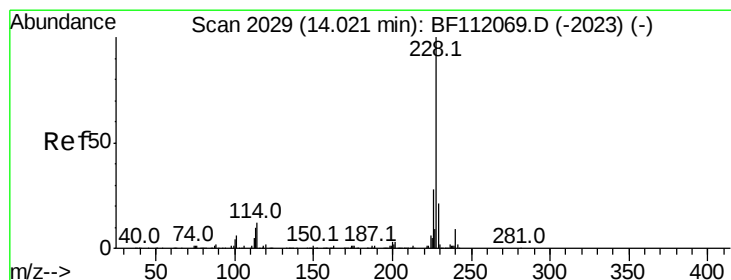
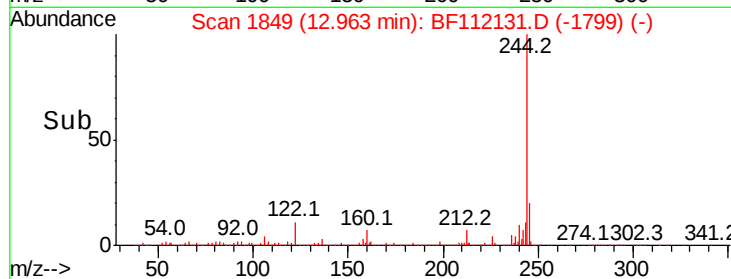
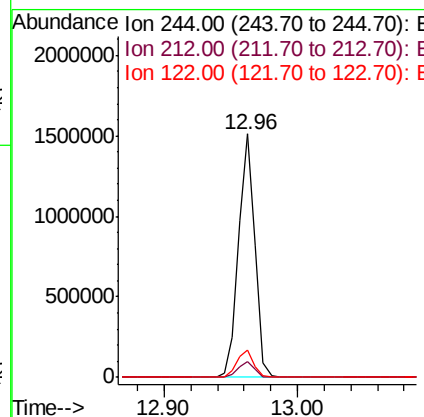
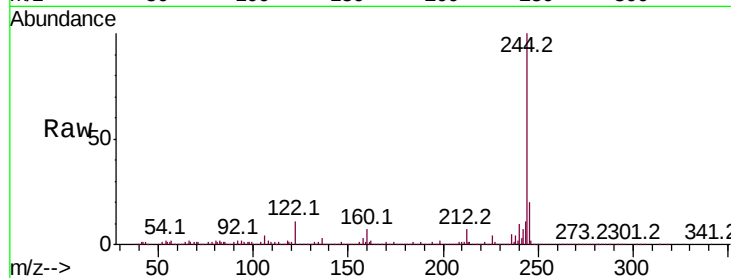
#79
 Terphenyl-d14
 Concen: 41.333 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF112131.D
 Acq: 18 Jan 2019 18:20

Instrument :
 BNA_F
 ClientSampleId :
 SITE4-WEST

Tot Ion:244 Resp: 1307702
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 11.2 9.8 14.6

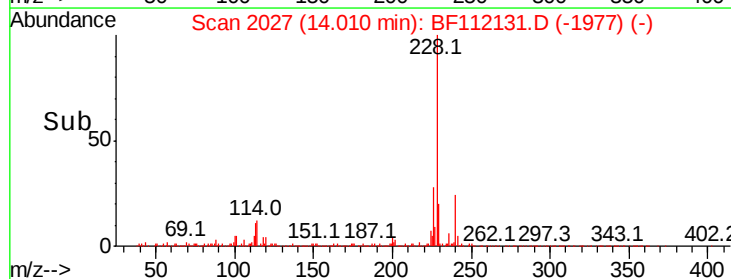
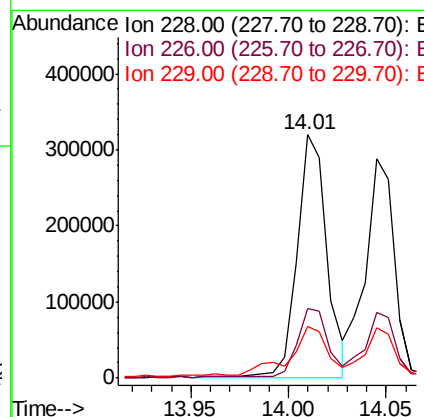
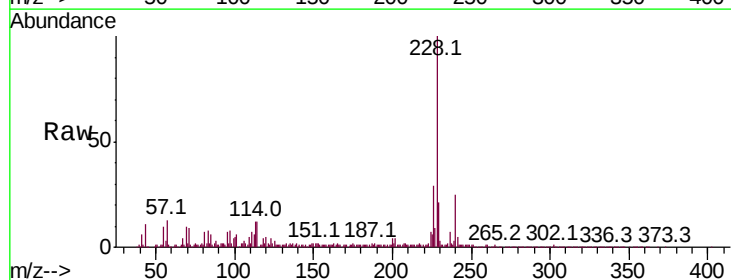
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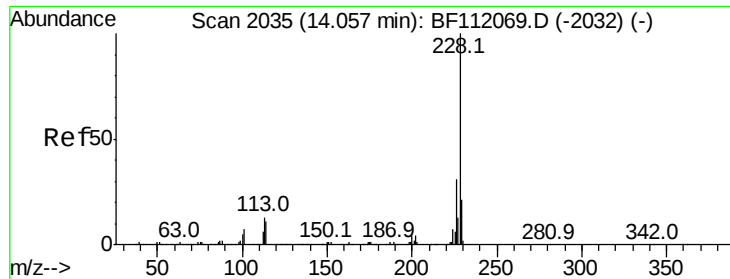
Sohil
 1/21/2019 12:00:53 PM



#81
 Benzo(a)anthracene
 Concen: 8.653 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF112131.D
 Acq: 18 Jan 2019 18:20

Tgt Ion:228 Resp: 333931
 Ion Ratio Lower Upper
 228 100
 226 28.8 22.6 34.0
 229 21.2 16.5 24.7





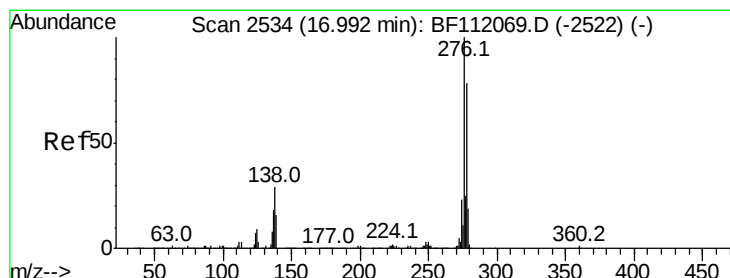
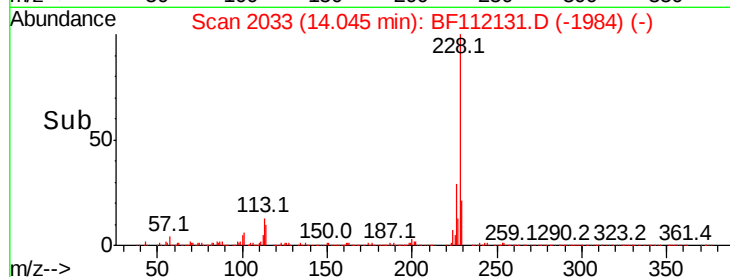
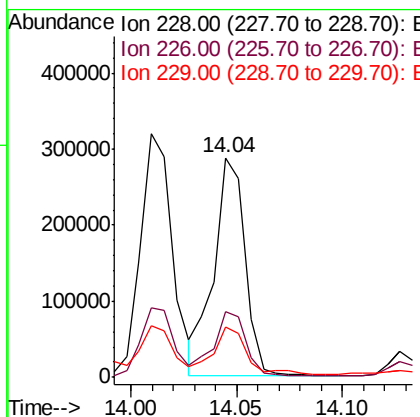
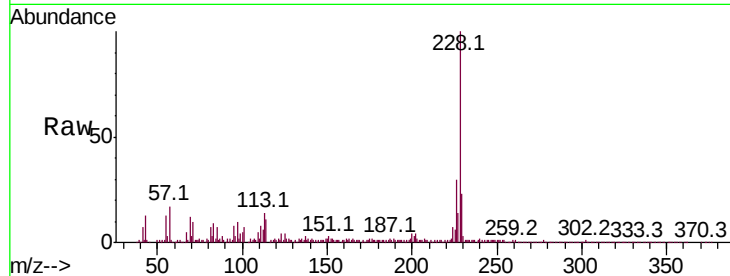
#83
Chrysene
Concen: 8.148 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF112131.D
Acq: 18 Jan 2019 18:20

Instrument :
BNA_F
ClientSampleId :
SITE4-WEST

Tot Ion:	228	Resp:	297534
Ion Ratio	Lower	Upper	
228	100		
226	30.1	25.0	37.6
229	22.8	16.6	24.8

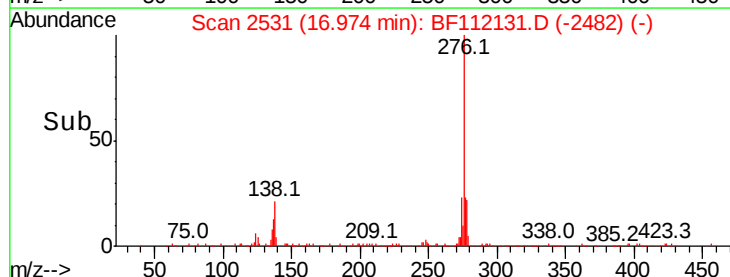
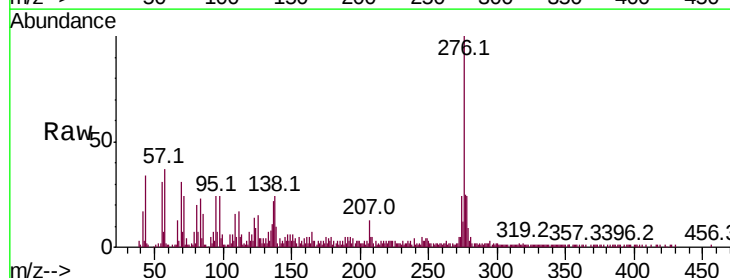
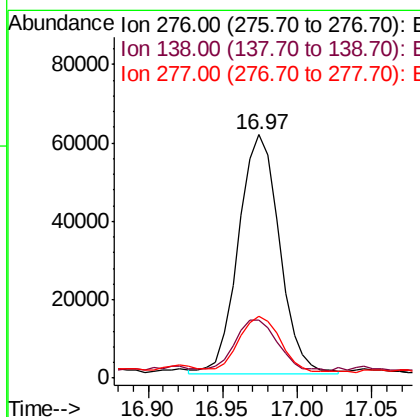
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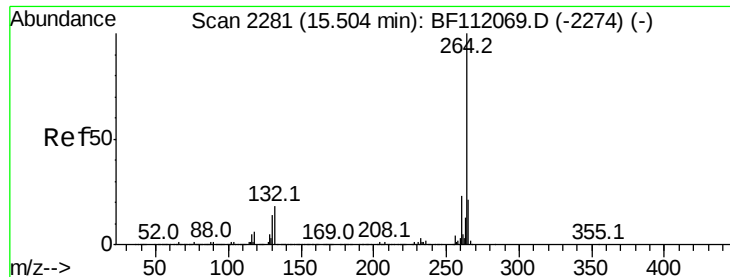
Sohil
1/21/2019 12:00:53 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 3.442 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BF112131.D
Acq: 18 Jan 2019 18:20

Tgt Ion:	276	Resp:	115972
Ion Ratio	Lower	Upper	
276	100		
138	22.2	22.6	34.0#
277	23.3	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BF112131.D

Acq: 18 Jan 2019 18:20

Instrument :

BNA_F

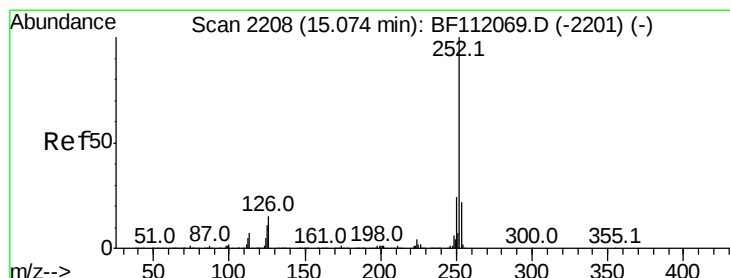
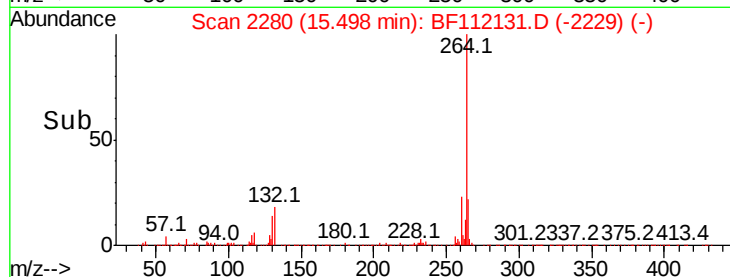
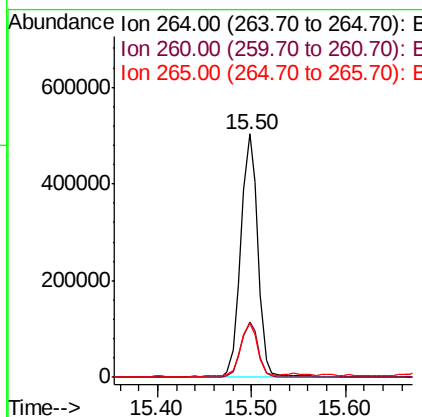
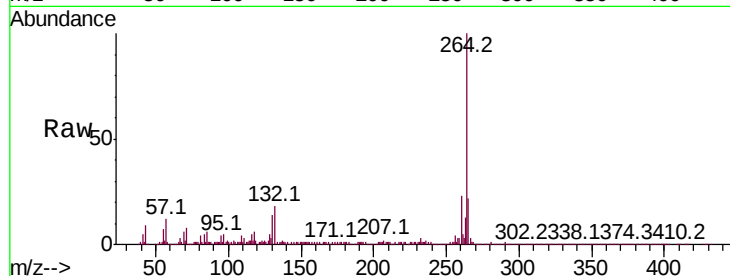
ClientSampleId :

SITE4-WEST

Tot Ion:	264	Resp:	629536
Ion Ratio	Lower	Upper	
264	100		
260	22.8	18.2	27.2
265	22.4	17.0	25.4

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#88

Benzo(b)fluoranthene

Concen: 9.827 ng m

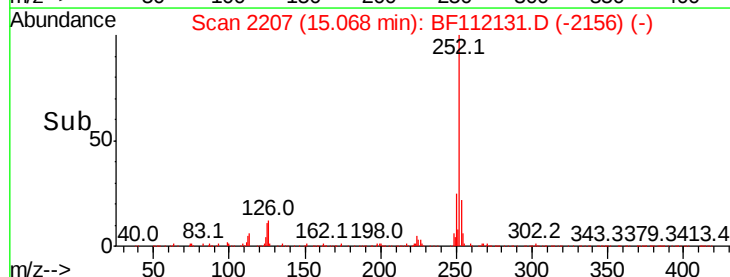
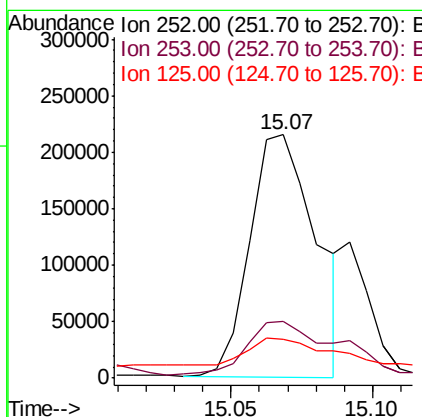
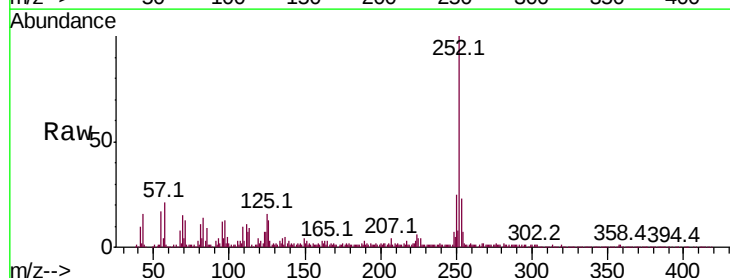
RT: 15.07 min Scan# 2207

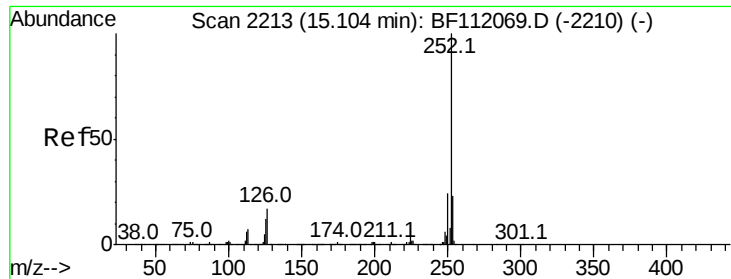
Delta R.T. 0.00 min

Lab File: BF112131.D

Acq: 18 Jan 2019 18:20

Tgt Ion:	252	Resp:	351180
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.0	27.0
125	16.1	8.7	13.1#





#89

Benzo(k)fluoranthene

Concen: 2.334 ng/mL

RT: 15.09 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BF112131.D

Acq: 18 Jan 2019 18:20

Instrument :

BNA_F

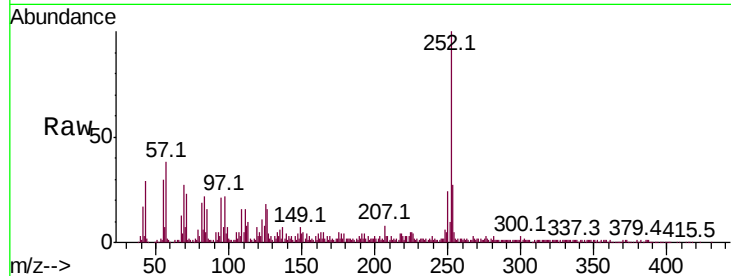
ClientSampleId :

SITE4-WEST

Tot Ion:	252	Resp:	80734
Ion Ratio	Lower	Upper	
252	100		
253	27.4	18.0	27.0#
125	17.9	9.1	13.7#

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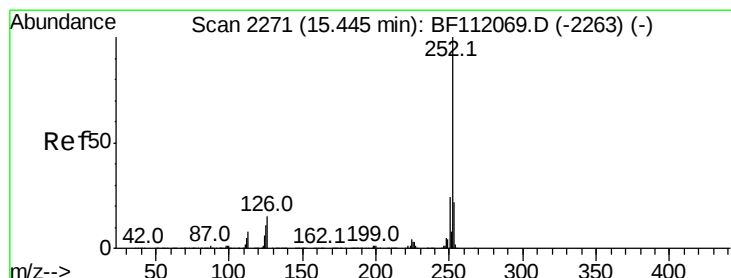
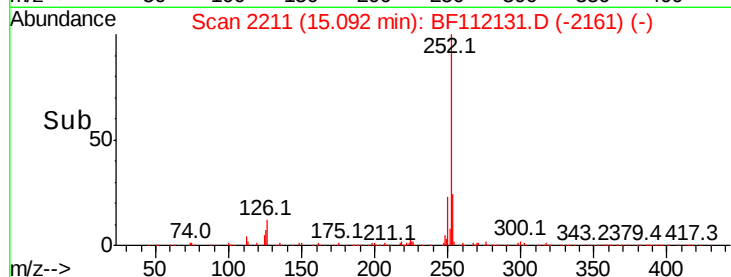
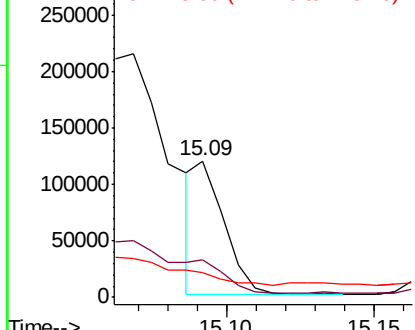


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 7.345 ng/mL

RT: 15.43 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF112131.D

Acq: 18 Jan 2019 18:20

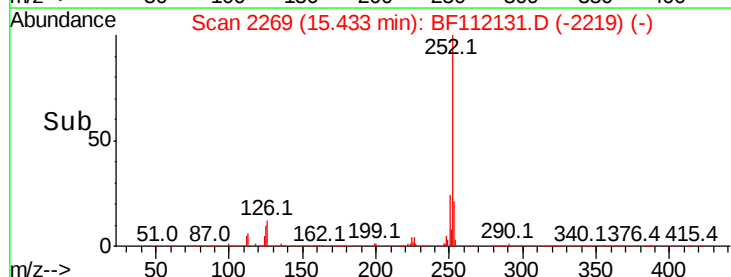
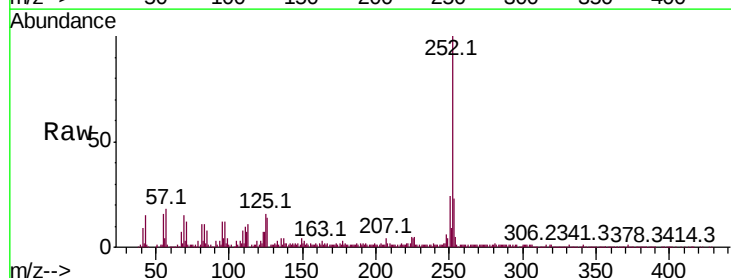
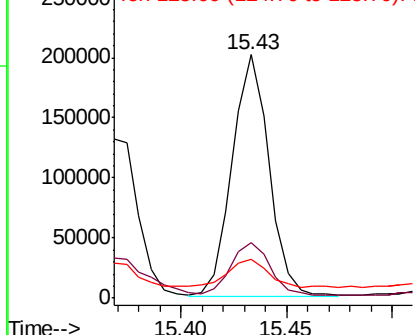
Tgt Ion:	252	Resp:	240720
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.5	26.3
125	15.9	9.0	13.4#

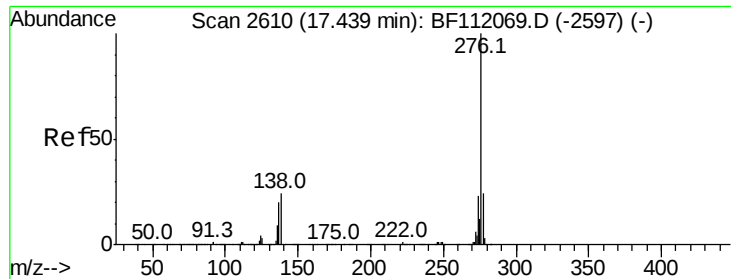
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





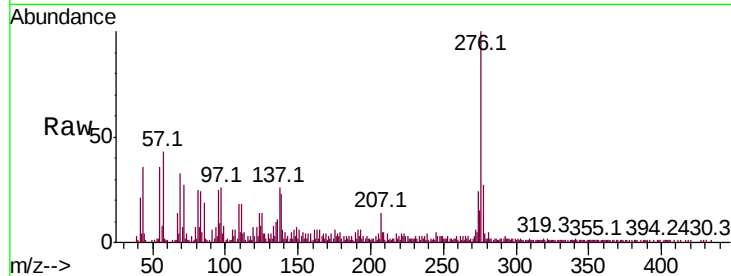
#92
 Benzo(a,h,i)perylene
 Concen: 3.691 ng
 RT: 17.42 min Scan# 2607
 Delta R.T. -0.01 min
 Lab File: BF112131.D
 Acq: 18 Jan 2019 18:20

Instrument :
 BNA_F
 ClientSampleId :
 SITE4-WEST

Tot Ion:	276	Resp:	105846
Ion Ratio	Lower	Upper	
276	100		
277	27.1	19.4	29.0
138	23.2	19.1	28.7

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

