

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
 Data File : BF112130.D
 Acq On : 18 Jan 2019 17:54
 Operator : JU/SJ
 Sample : K1191-04 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SITE4-EAST

Manual Integrations
 APPROVED

Sohil
 1/21/2019 12:00:50 PM

Quant Time: Jan 19 00:09:33 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	263275	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1061369	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	537159	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	976790	20.00	ng	0.00
76) Chrysene-d12	14.02	240	625294	20.00	ng	0.00
87) Perylene-d12	15.50	264	602522	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	247774	17.08	ng	0.00
7) Phenol-d6	6.50	99	911762	50.24	ng	0.00
23) Nitrobenzene-d5	7.41	82	579349	37.71	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	8932	1.54	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	1287948	35.15	ng	0.00
79) Terphenyl-d14	12.96	244	1162158	39.54	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	101950	2.602	ng	Qvalue # 98
71) Phenanthrene	11.40	178	422437	8.593	ng	97
72) Anthracene	11.45	178	102204	2.052	ng	97
75) Fluoranthene	12.59	202	440893	8.495	ng	99
78) Pyrene	12.82	202	371608	9.008	ng	98
81) Benzo(a)anthracene	14.02	228	149567	4.172	ng	99
83) Chrysene	14.04	228	136697	4.029	ng	96
88) Benzo(b)fluoranthene	15.07	252	149672m	4.376	ng	
90) Benzo(a)pyrene	15.44	252	108624	3.463	ng	# 55
92) Benzo(g,h,i)perylene	17.43	276	55807	2.033	ng	# 79

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

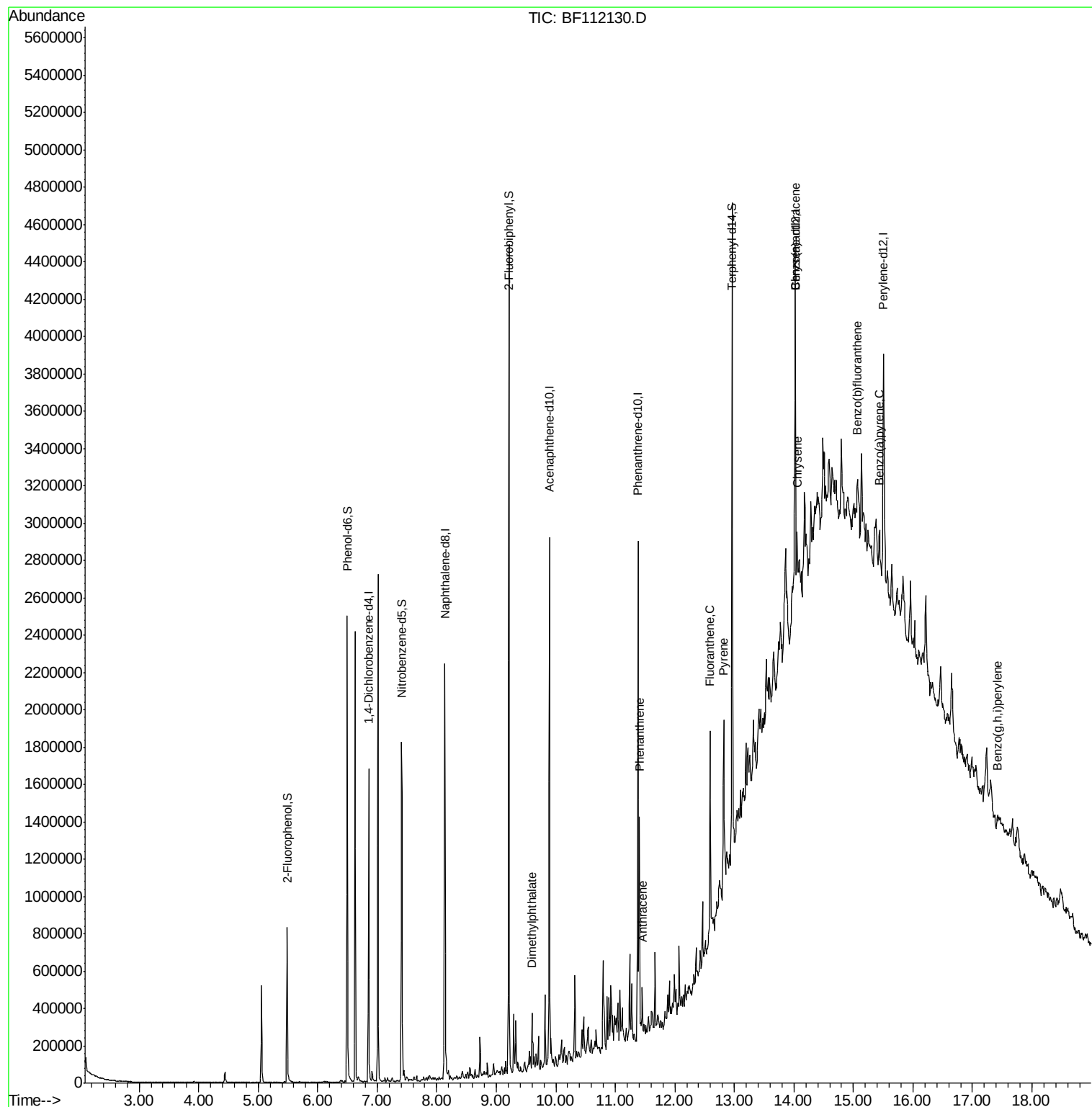
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112130.D
Acq On : 18 Jan 2019 17:54
Operator : JU/SJ
Sample : K1191-04 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

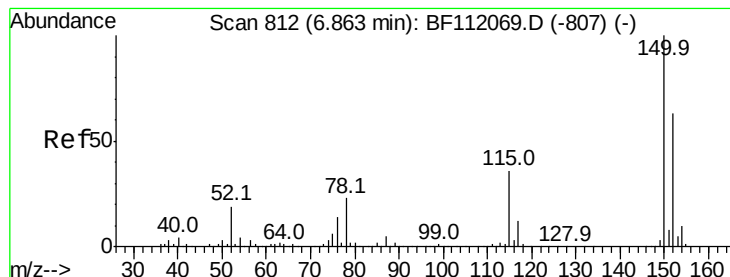
Instrument :
BNA_F
ClientSampled :
SITE4-EAST

Manual Integrations
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1/21/2019 12:00:50 PM

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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

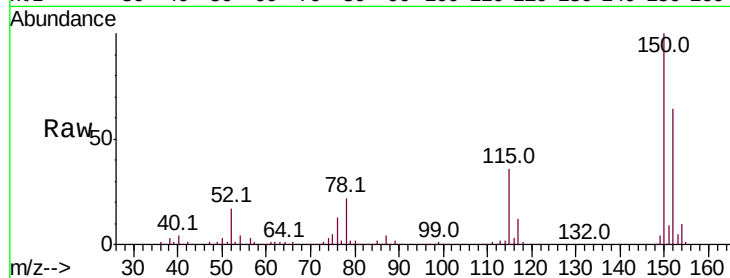
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112130.D
Acq: 18 Jan 2019 17:54

Instrument :
BNA_F
ClientSampleId :
SITE4-EAST

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	127.4	191.0
115	56.5	45.5	68.3

Manual Integrations
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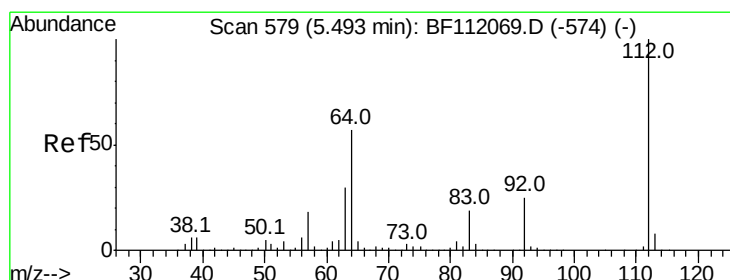
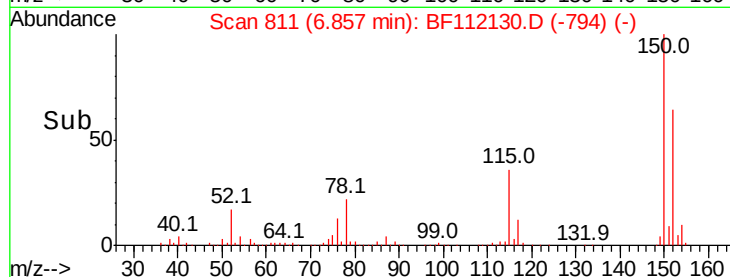
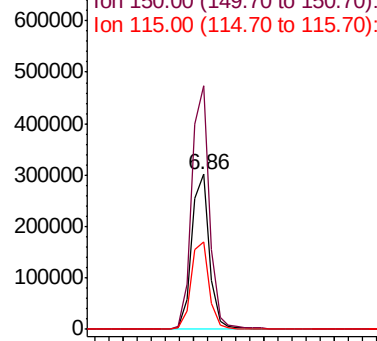


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

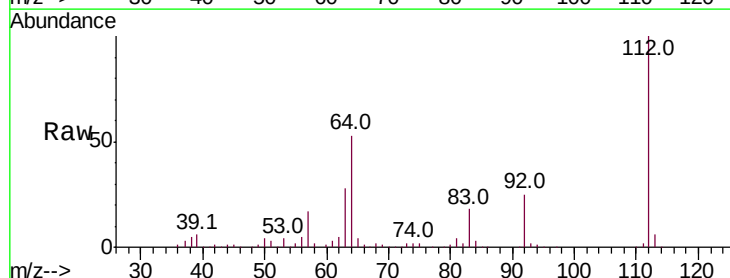
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 17.082 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF112130.D
Acq: 18 Jan 2019 17:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	45.7	68.5
63	28.1	23.6	35.4

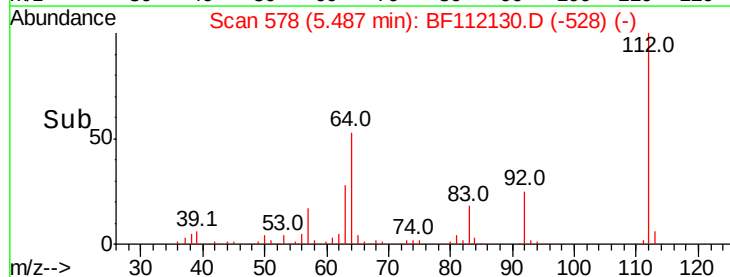
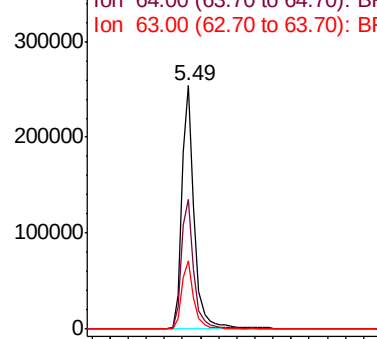


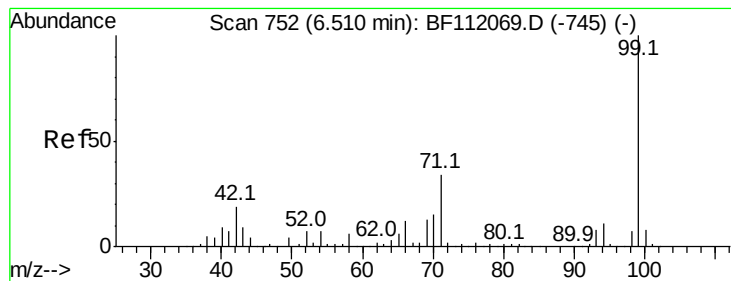
Abundance

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: 50.240 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112130.D

Acq: 18 Jan 2019 17:54

Instrument :

BNA_F

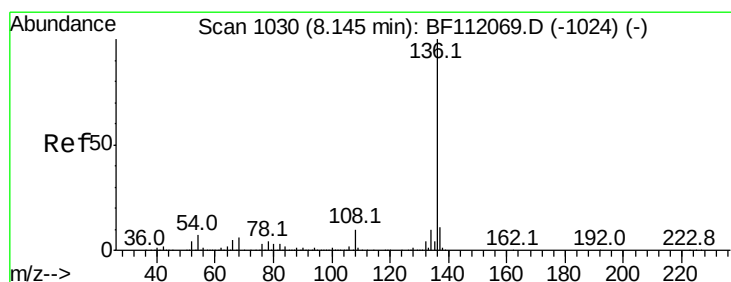
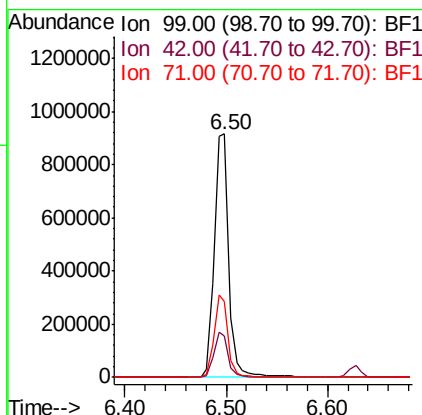
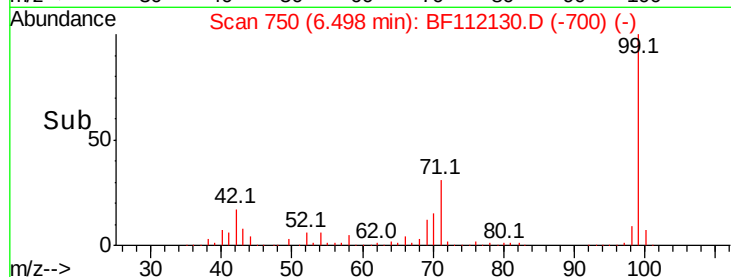
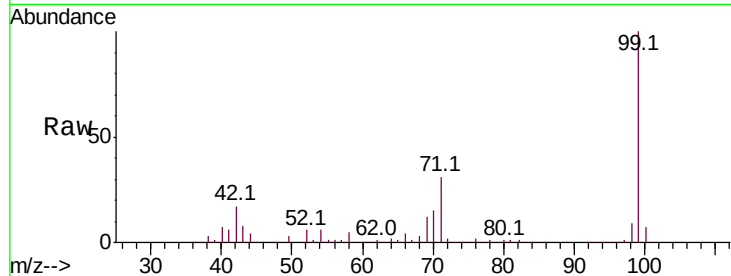
ClientSampleId :

SITE4-EAST

Tot Ion:	99	Resp:	911762
Ion	Ratio	Lower	Upper
99	100		
42	17.0	15.1	22.7
71	31.4	26.9	40.3

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#21

Naphthalene-d8

Concen: 20.000 ng

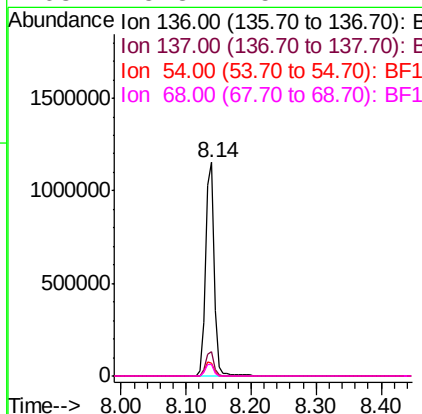
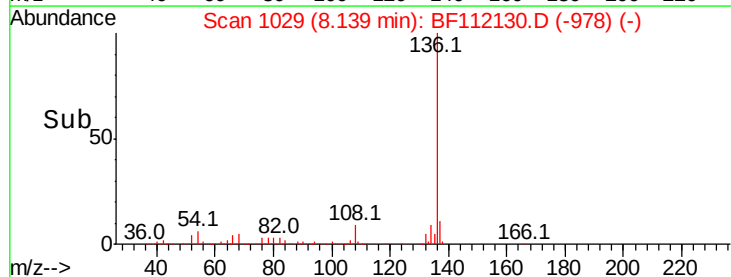
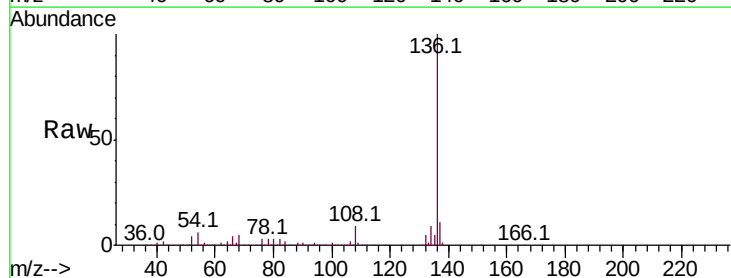
RT: 8.14 min Scan# 1029

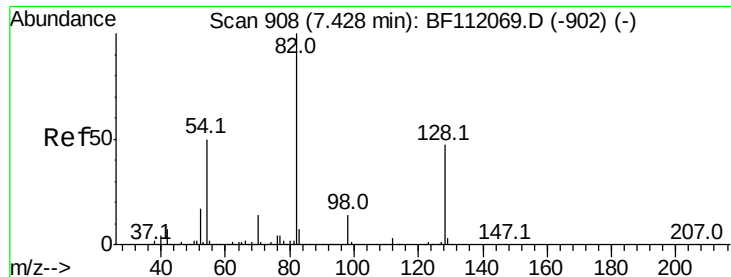
Delta R.T. 0.00 min

Lab File: BF112130.D

Acq: 18 Jan 2019 17:54

Tgt Ion:	136	Resp:	1061369
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.1	5.9	8.9
68	5.3	5.1	7.7





#23

Nitrobenzene-d5

Concen: 37.712 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF112130.D

Acq: 18 Jan 2019 17:54

Instrument :

BNA_F

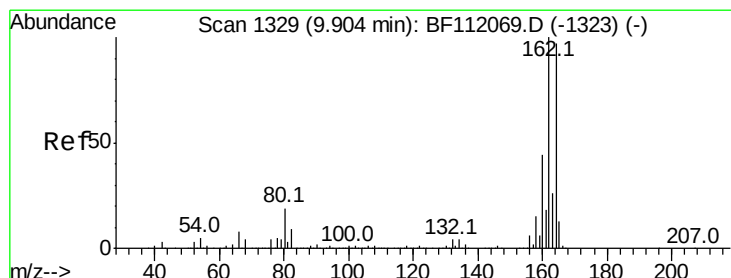
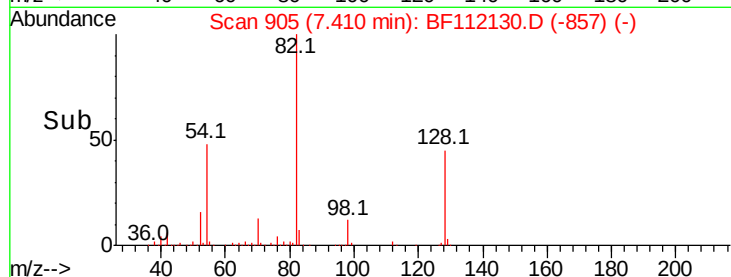
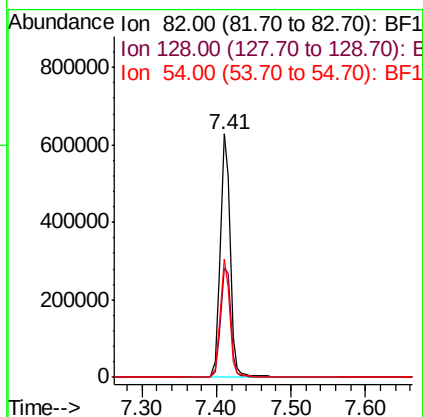
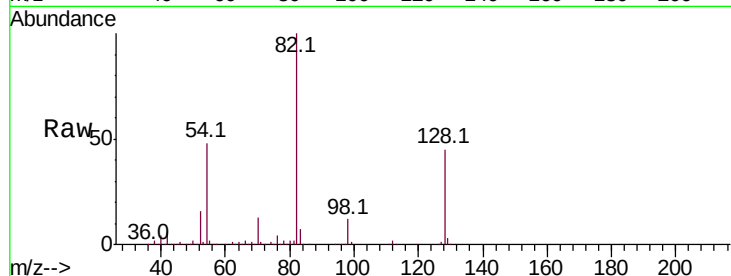
ClientSampleId :

SITE4-EAST

Tot Ion:	82	Resp:	579349
Ion Ratio	Lower	Upper	
82	100		
128	44.8	37.8	56.8
54	48.4	39.7	59.5

Manual Integrations
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#39

Acenaphthene-d10

Concen: 20.000 ng

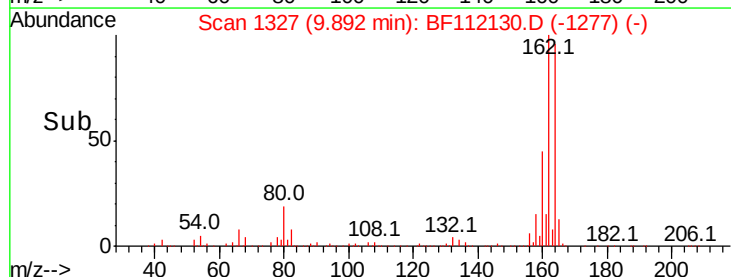
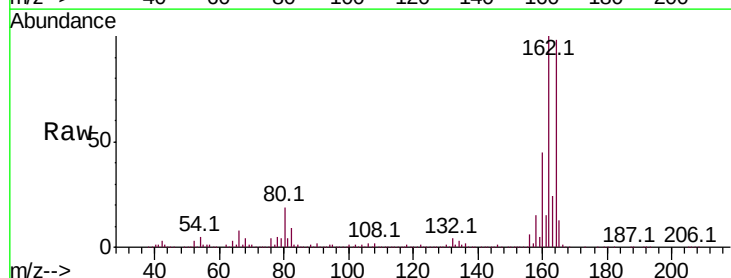
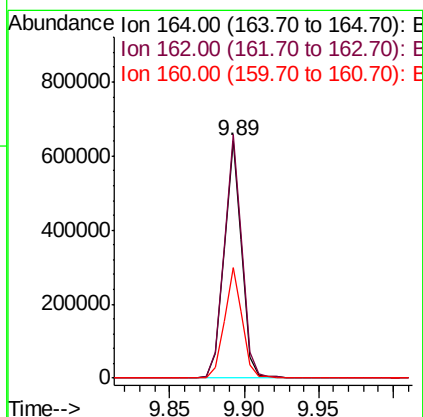
RT: 9.89 min Scan# 1327

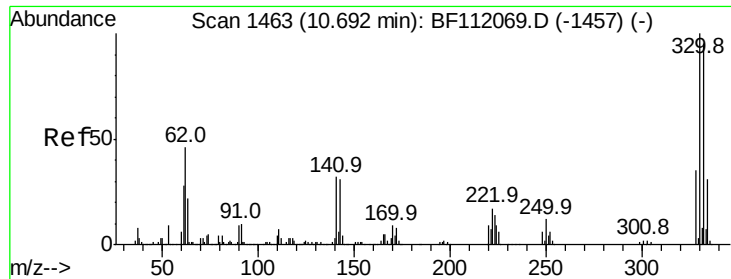
Delta R.T. -0.01 min

Lab File: BF112130.D

Acq: 18 Jan 2019 17:54

Tgt Ion:	164	Resp:	537159
Ion Ratio	Lower	Upper	
164	100		
162	102.5	82.2	123.4
160	46.4	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 1.541 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF112130.D

Acq: 18 Jan 2019 17:54

Instrument :

BNA_F

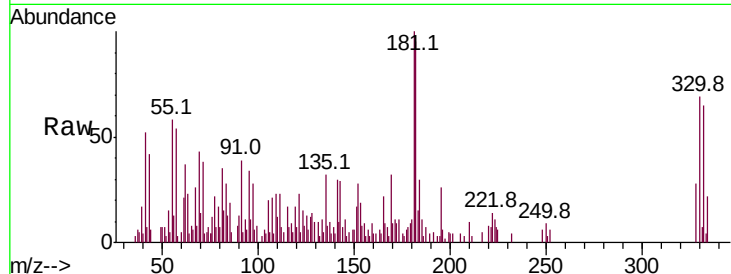
ClientSampled :

SITE4-EAST

Tot Ion:	330	Resp:	8932
Ion Ratio	Lower	Upper	
330	100		
332	97.9	76.6	114.8
141	33.8	24.3	36.5

Manual Integrations
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1/21/2019 12:00:50 PM

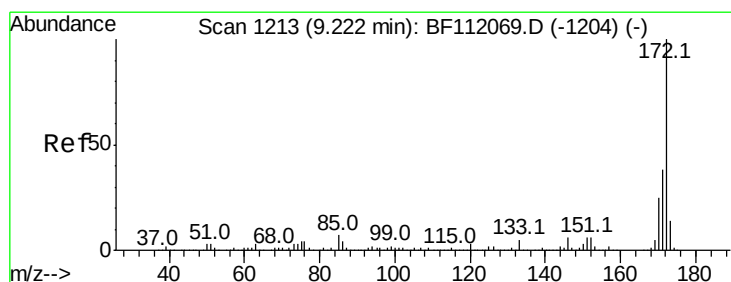
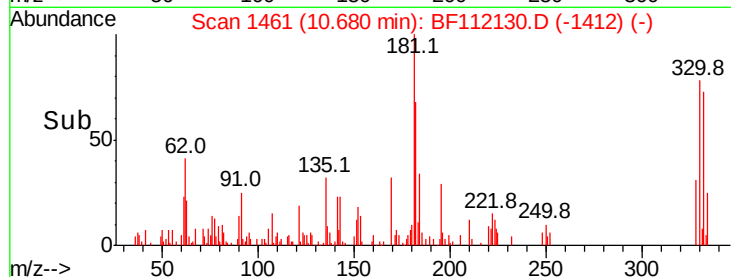
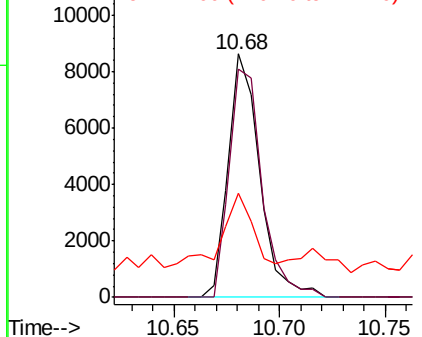


Abundance

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: 35.153 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF112130.D

Acq: 18 Jan 2019 17:54

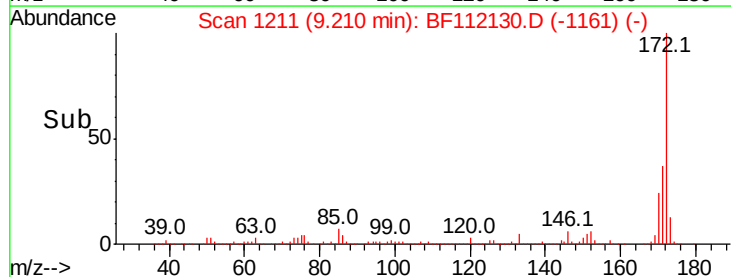
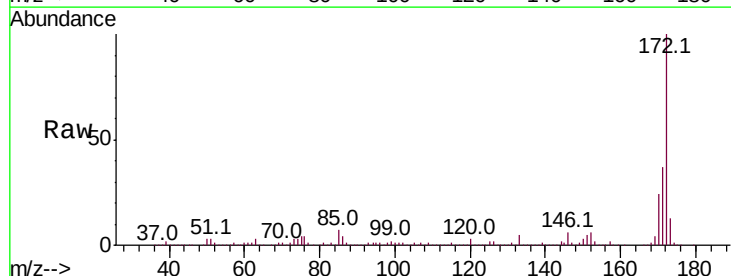
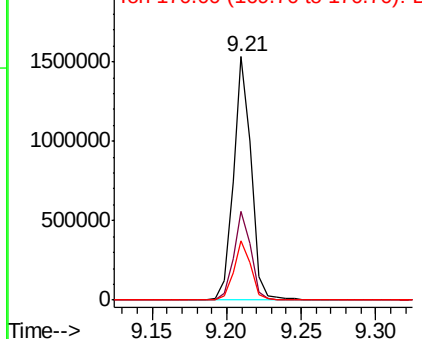
Tgt Ion:	172	Resp:	1287948
Ion Ratio	Lower	Upper	
172	100		
171	36.6	30.5	45.7
170	24.1	20.2	30.4

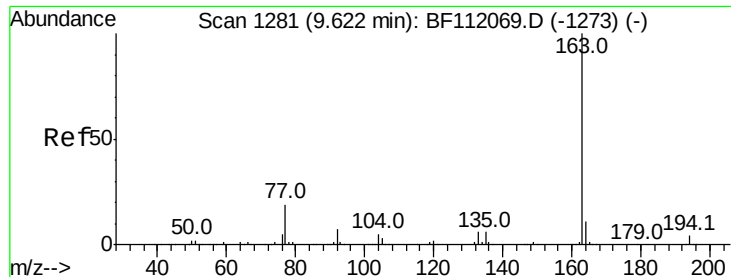
Abundance

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





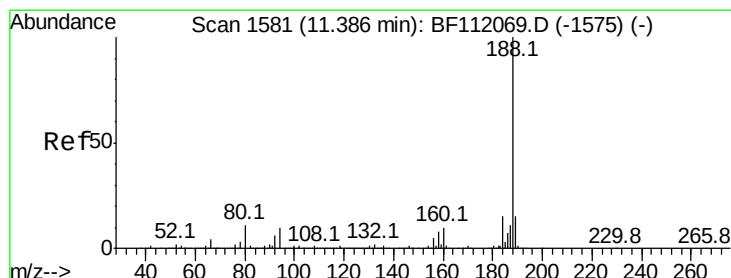
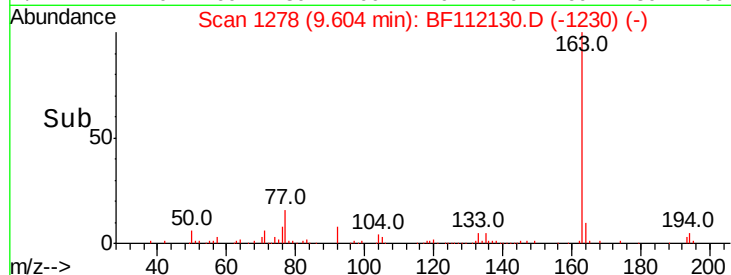
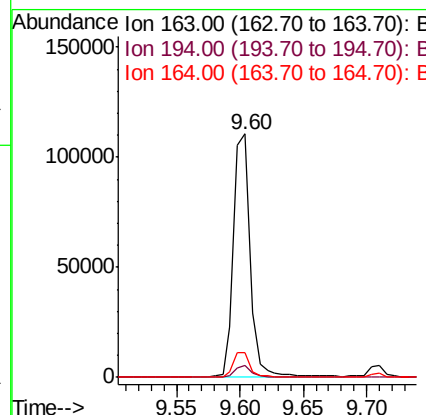
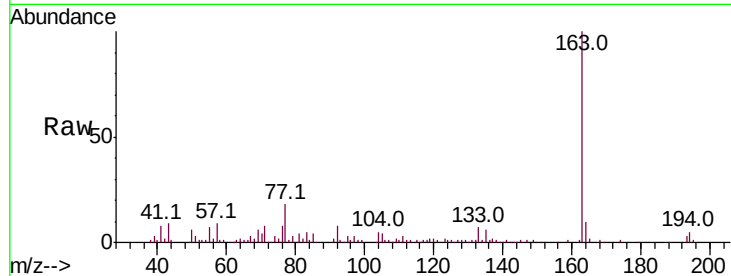
#50
Dimethylphthalate
Concen: 2.602 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF112130.D
Acq: 18 Jan 2019 17:54

Instrument :
BNA_F
ClientSampleId :
SITE4-EAST

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	5.1	3.3	4.9#
164	9.9	8.5	12.7

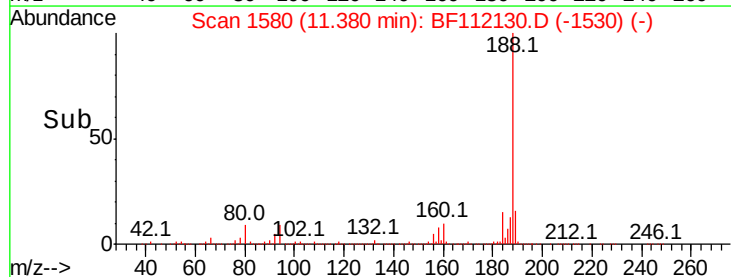
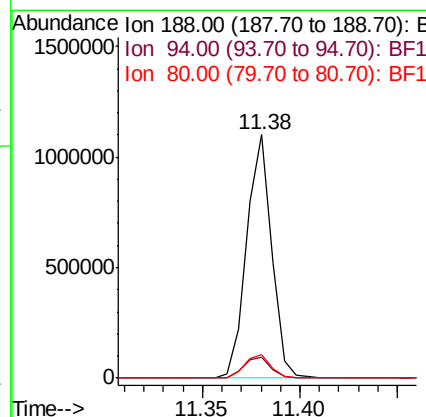
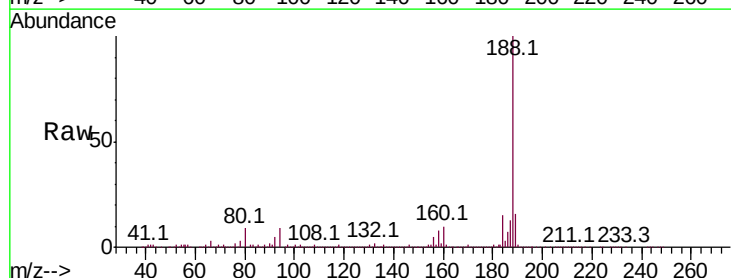
Manual Integrations
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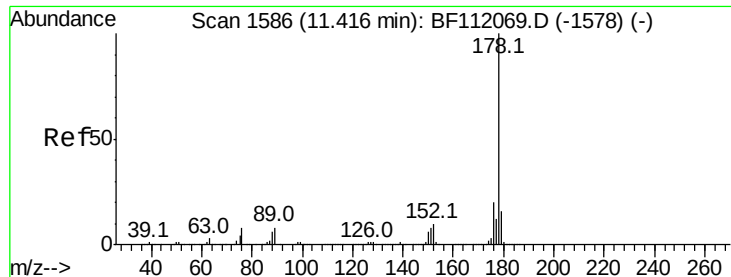
Sohil
1/21/2019 12:00:50 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF112130.D
Acq: 18 Jan 2019 17:54

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	8.8	8.2	12.2
80	9.5	8.9	13.3





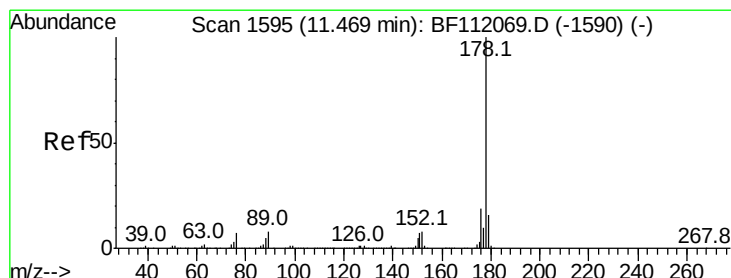
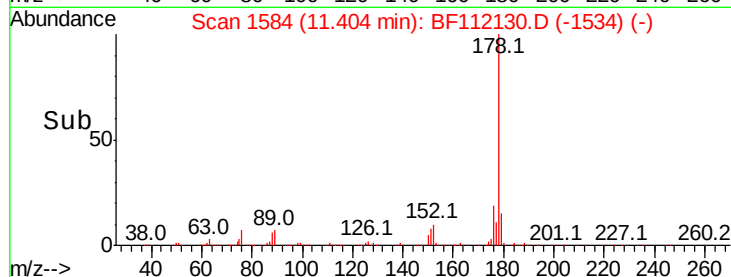
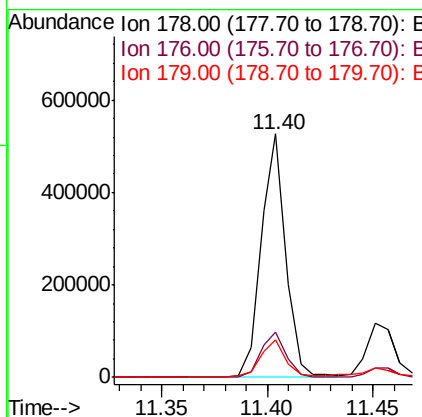
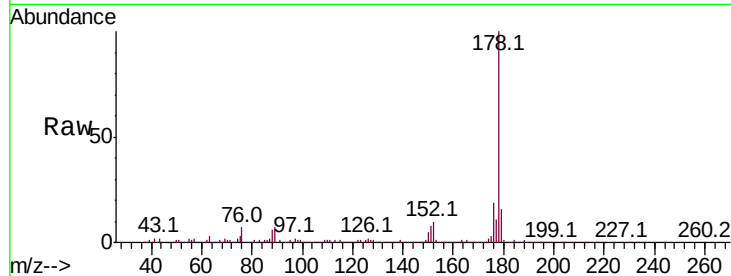
#71
Phenanthrene
Concen: 8.593 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF112130.D
Acq: 18 Jan 2019 17:54

Instrument :
BNA_F
ClientSampleId :
SITE4-EAST

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.3	24.5
179	15.6	13.0	19.4

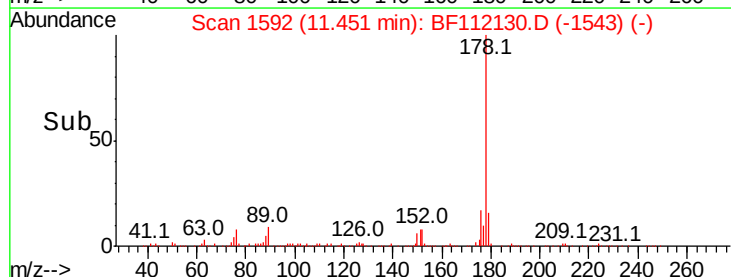
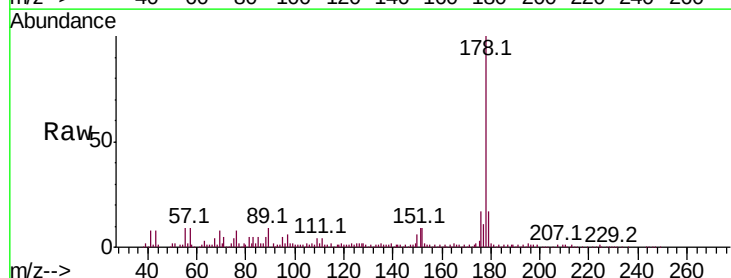
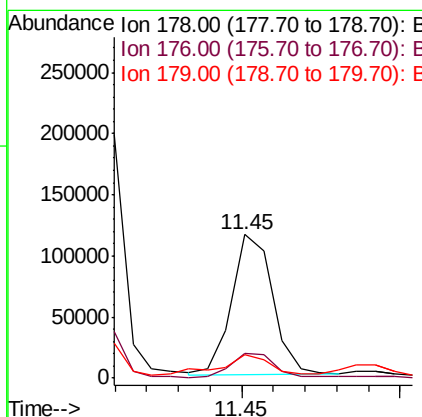
Manual Integrations
APPROVED

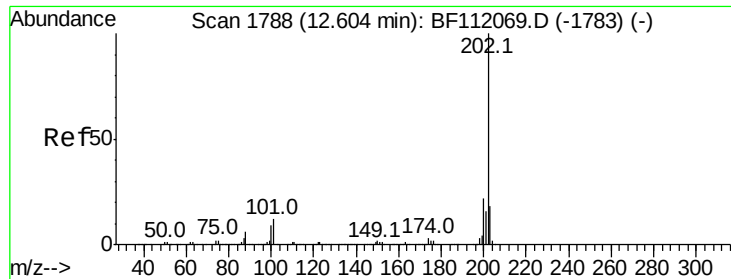
Sohil
1/21/2019 12:00:50 PM



#72
Anthracene
Concen: 2.052 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF112130.D
Acq: 18 Jan 2019 17:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.3	15.5	23.3
179	16.6	12.8	19.2





#75

Fluoranthene

Concen: 8.495 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF112130.D

Acq: 18 Jan 2019 17:54

Instrument :

BNA_F

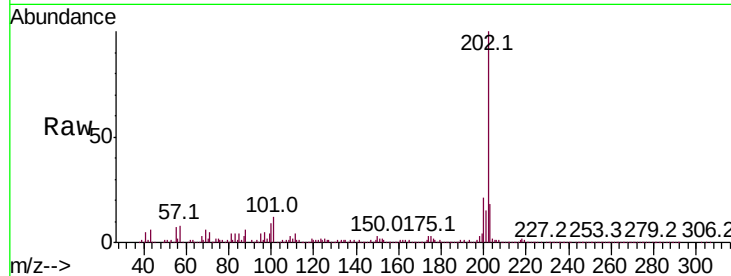
ClientSampleId :

SITE4-EAST

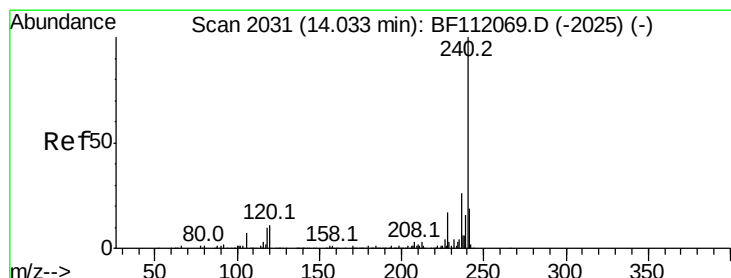
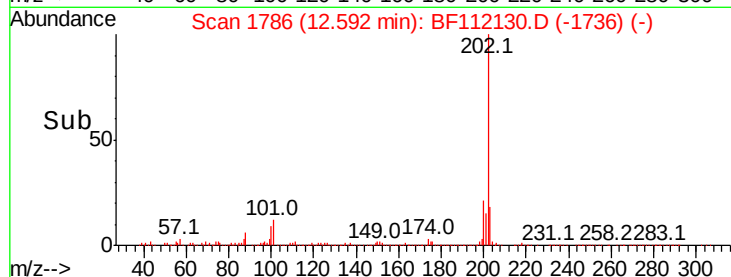
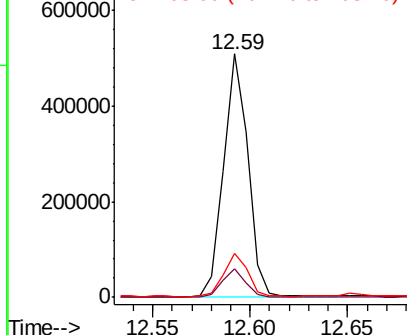
Tot Ion:	202	Resp:	440893
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	31.8
203	18.0	0.0	38.4

Manual Integrations
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1/21/2019 12:00:50 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

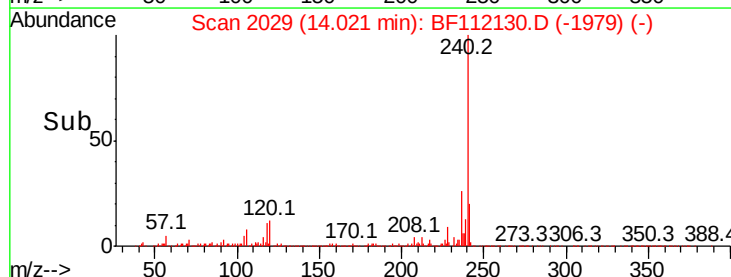
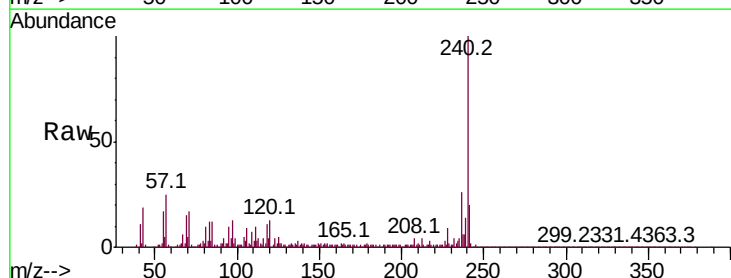
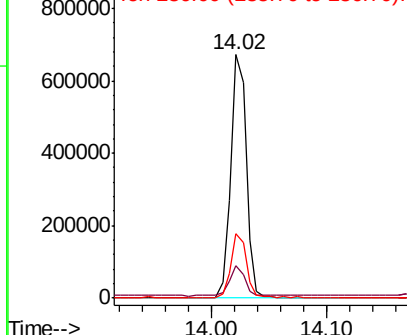
Delta R.T. -0.01 min

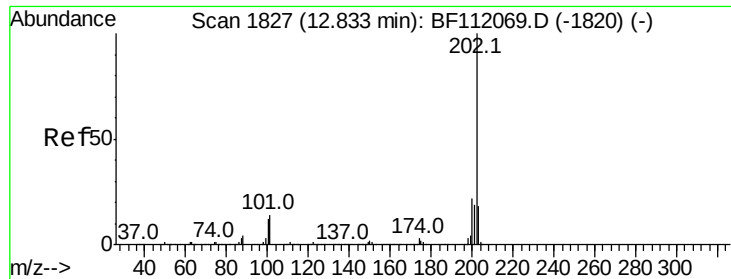
Lab File: BF112130.D

Acq: 18 Jan 2019 17:54

Tgt Ion:	240	Resp:	625294
Ion Ratio	Lower	Upper	
240	100		
120	13.4	9.0	13.6
236	26.4	20.7	31.1

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

Pvrene

Concen: 9.008 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112130.D

Acq: 18 Jan 2019 17:54

Instrument :

BNA_F

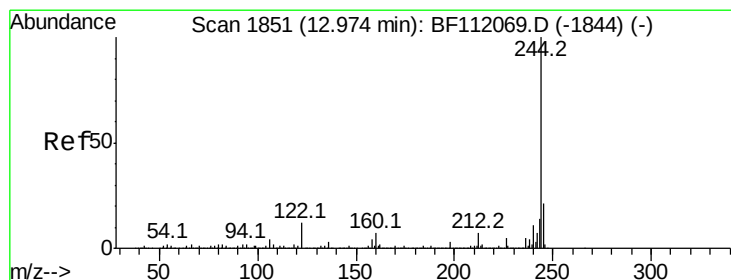
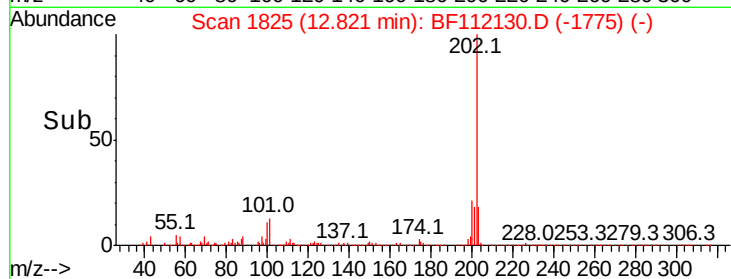
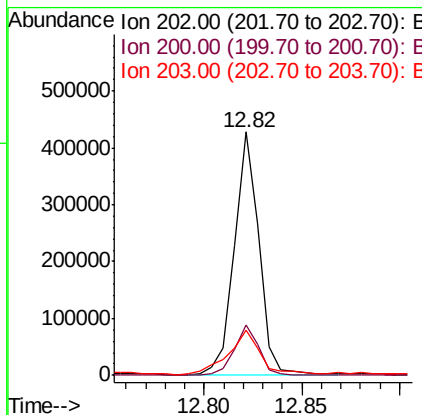
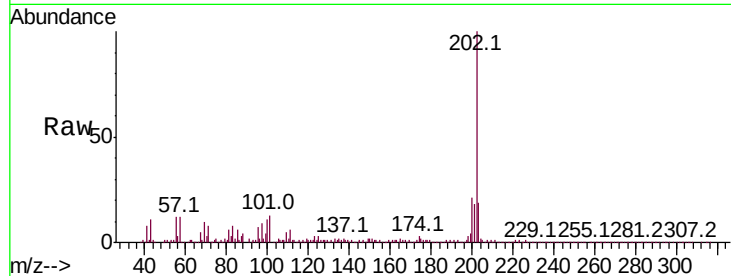
ClientSampled :

SITE4-EAST

Tot Ion:	202	Resp:	371608
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.7	26.5
203	18.7	14.6	22.0

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#79

Terphenyl-d14

Concen: 39.539 ng

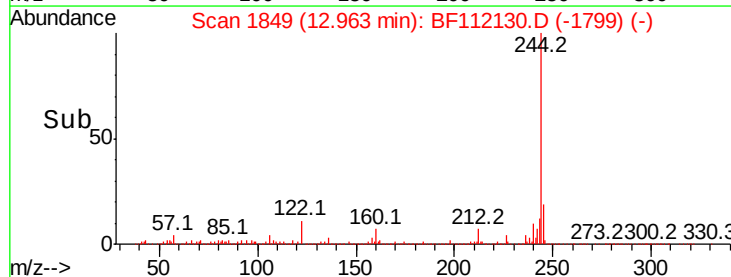
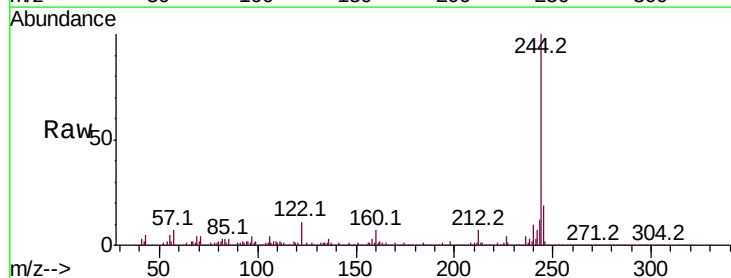
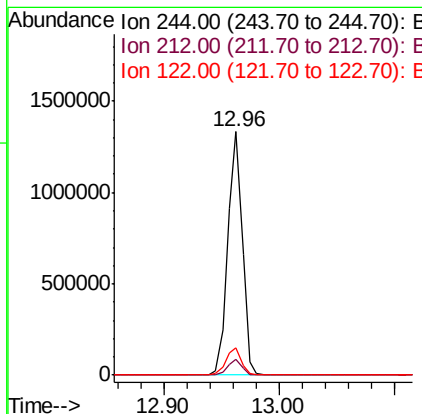
RT: 12.96 min Scan# 1849

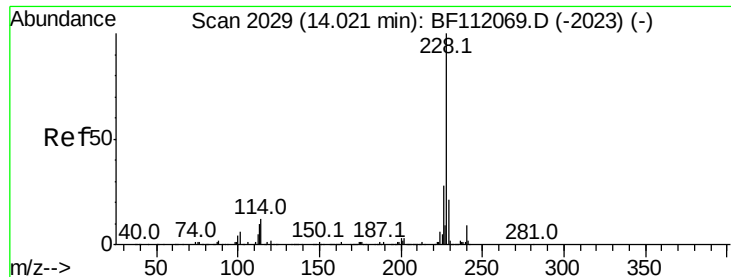
Delta R.T. -0.01 min

Lab File: BF112130.D

Acq: 18 Jan 2019 17:54

Tgt Ion:	244	Resp:	1162158
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.9	8.9
122	11.1	9.8	14.6





#81

Benzo(a)anthracene

Concen: 4.172 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF112130.D

Acq: 18 Jan 2019 17:54

Instrument :

BNA_F

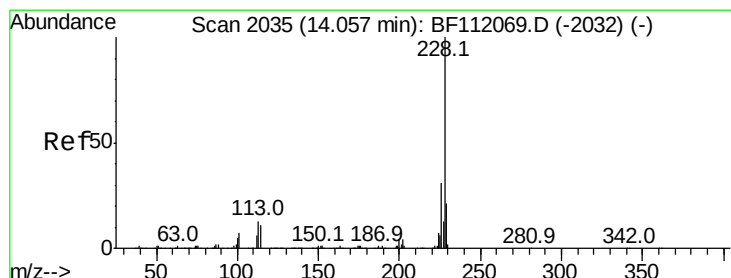
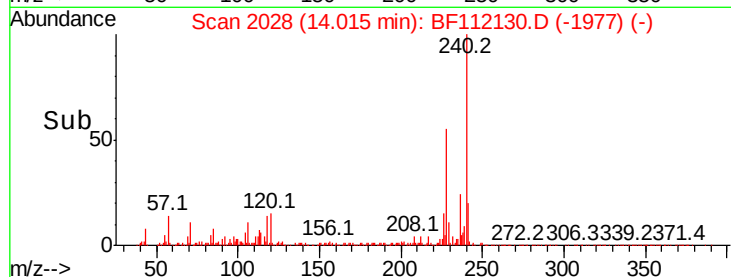
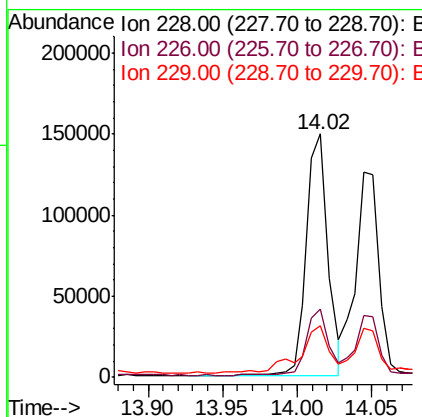
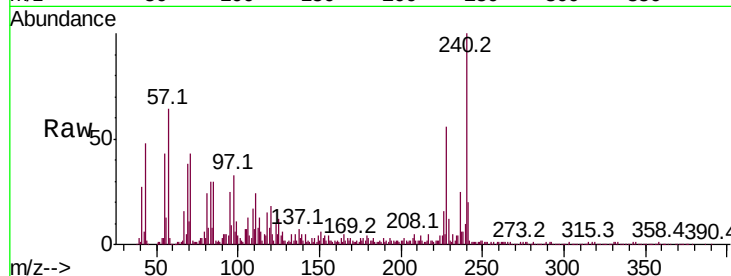
ClientSampleId :

SITE4-EAST

Tot Ion:	228	Resp:	149567
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.6	34.0
229	21.1	16.5	24.7

Manual Integrations
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#83

Chrysene

Concen: 4.029 ng

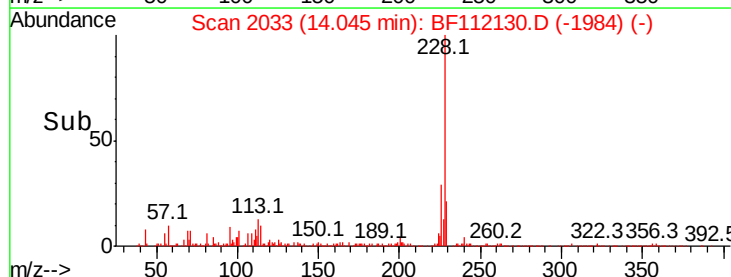
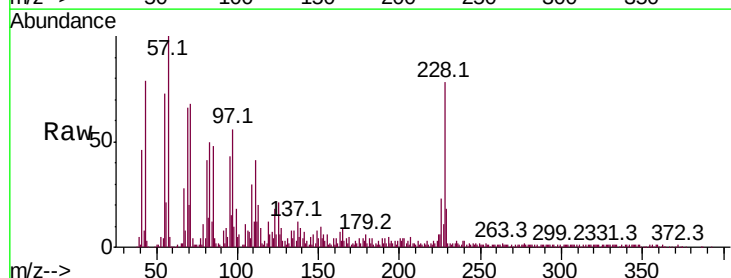
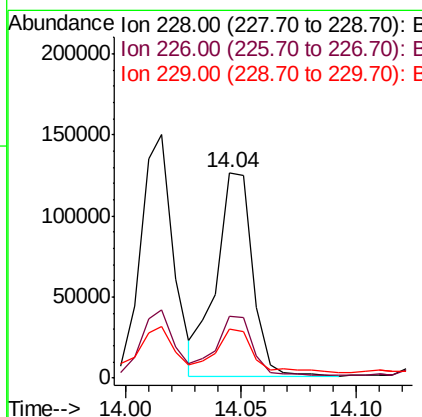
RT: 14.04 min Scan# 2033

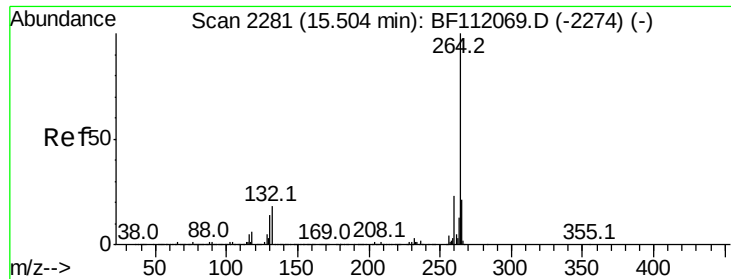
Delta R.T. -0.01 min

Lab File: BF112130.D

Acq: 18 Jan 2019 17:54

Tgt Ion:	228	Resp:	136697
Ion Ratio	Lower	Upper	
228	100		
226	30.0	25.0	37.6
229	23.6	16.6	24.8





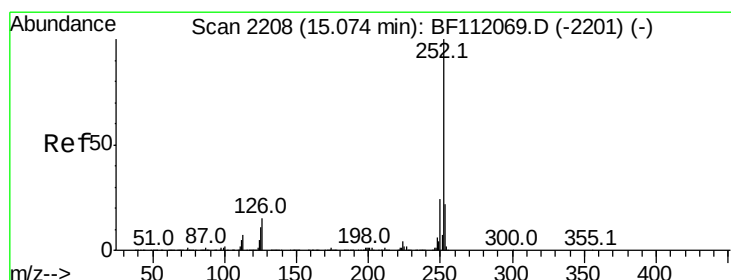
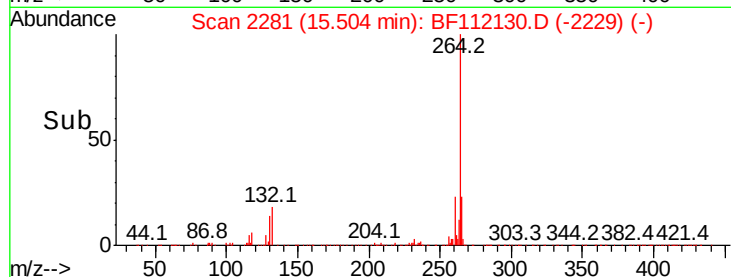
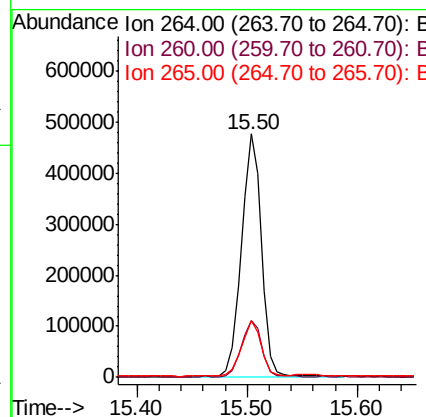
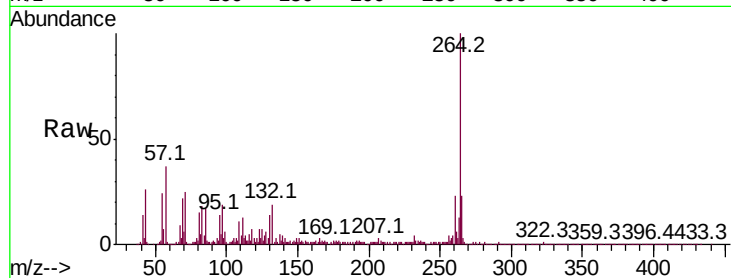
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF112130.D
Acq: 18 Jan 2019 17:54

Instrument :
BNA_F
ClientSampleId :
SITE4-EAST

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.2
265	23.1	17.0	25.4

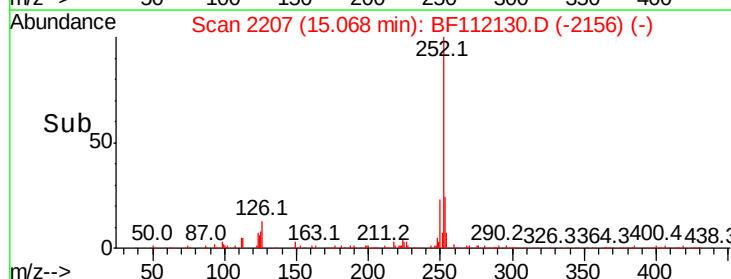
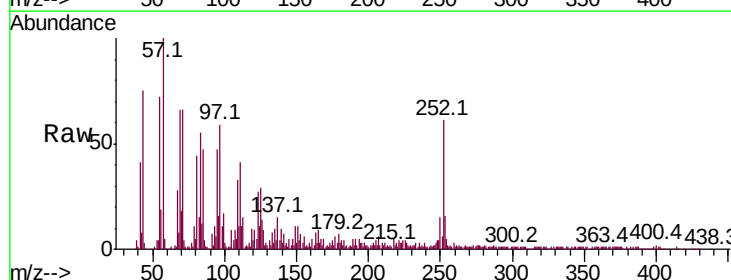
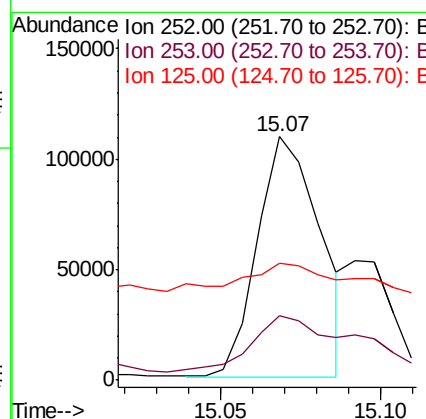
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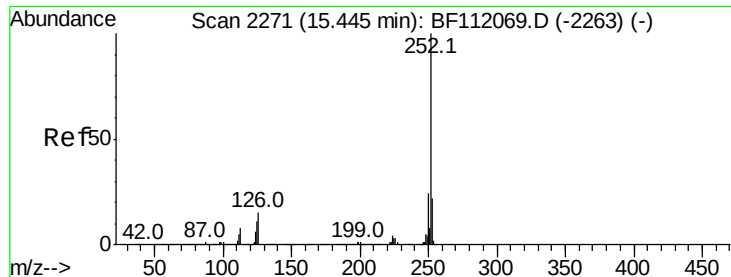
Sohil
1/21/2019 12:00:50 PM



#88
Benzo(b)fluoranthene
Concen: 4.376 ng m
RT: 15.07 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF112130.D
Acq: 18 Jan 2019 17:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.7	18.0	27.0
125	47.9	8.7	13.1#





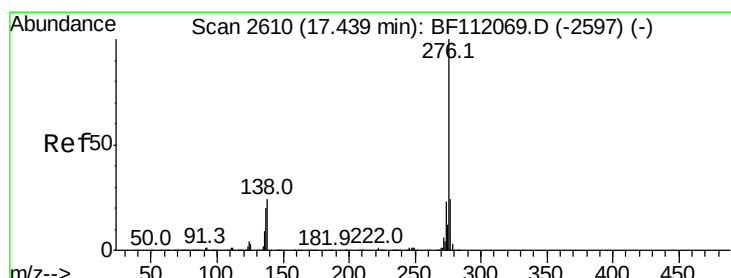
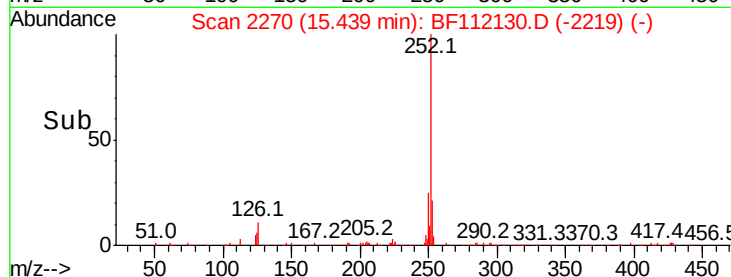
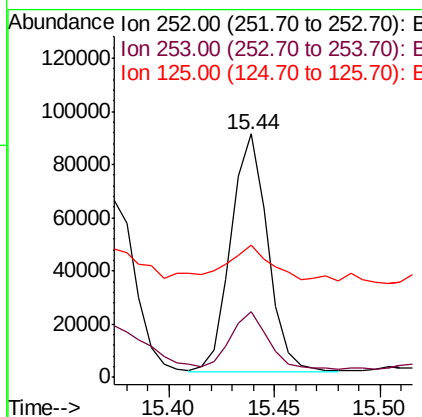
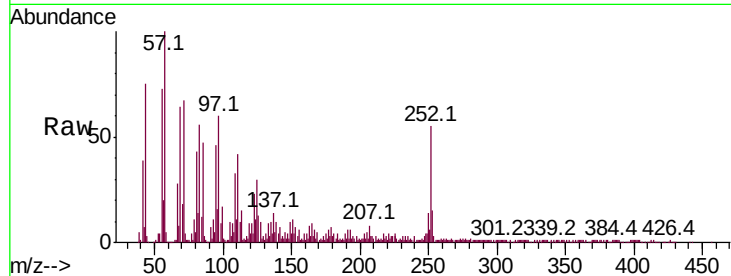
#90
Benzo(a)pyrene
Concen: 3.463 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF112130.D
Acq: 18 Jan 2019 17:54

Instrument :
BNA_F
ClientSampleId :
SITE4-EAST

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.5	26.3#
125	54.3	9.0	13.4#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.033 ng
RT: 17.43 min Scan# 2609
Delta R.T. 0.01 min
Lab File: BF112130.D
Acq: 18 Jan 2019 17:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	34.0	19.4	29.0#
138	35.2	19.1	28.7#

