

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
 Data File : BF111472.D
 Acq On : 15 Dec 2018 16:53
 Operator : JU/SJ
 Sample : J6316-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AVE-X-B-BALL-FIELD-S-3

Manual Integrations
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 12/17/2018 3:12:09 PM

Quant Time: Dec 16 01:33:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	147466	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	587233	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	261820	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	385658	20.00	ng	0.00
76) Chrysene-d12	13.95	240	280099	20.00	ng	0.00
87) Perylene-d12	15.39	264	245285	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	993910	112.16	ng	0.00
7) Phenol-d6	6.44	99	1259162	106.82	ng	0.00
23) Nitrobenzene-d5	7.35	82	779072	79.00	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	179544	76.55	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1356884	80.05	ng	0.00
79) Terphenyl-d14	12.90	244	856045	71.77	ng	0.00
Target Compounds						
10) Phenol	6.45	94	86564	6.592	ng	93
50) Dimethylphthalate	9.55	163	135469	7.184	ng	# 95
71) Phenanthrene	11.33	178	62877	3.164	ng	94
75) Fluoranthene	12.52	202	108675	5.590	ng	98
78) Pyrene	12.75	202	99839	5.056	ng	94
81) Benzo(a)anthracene	13.94	228	49640	3.259	ng	97
83) Chrysene	13.97	228	54393	3.390	ng	95
88) Benzo(b)fluoranthene	14.97	252	64642m	4.520	ng	
90) Benzo(a)pyrene	15.33	252	41745	3.237	ng	98
92) Benzo(g,h,i)perylene	17.23	276	20054	2.008	ng	93

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

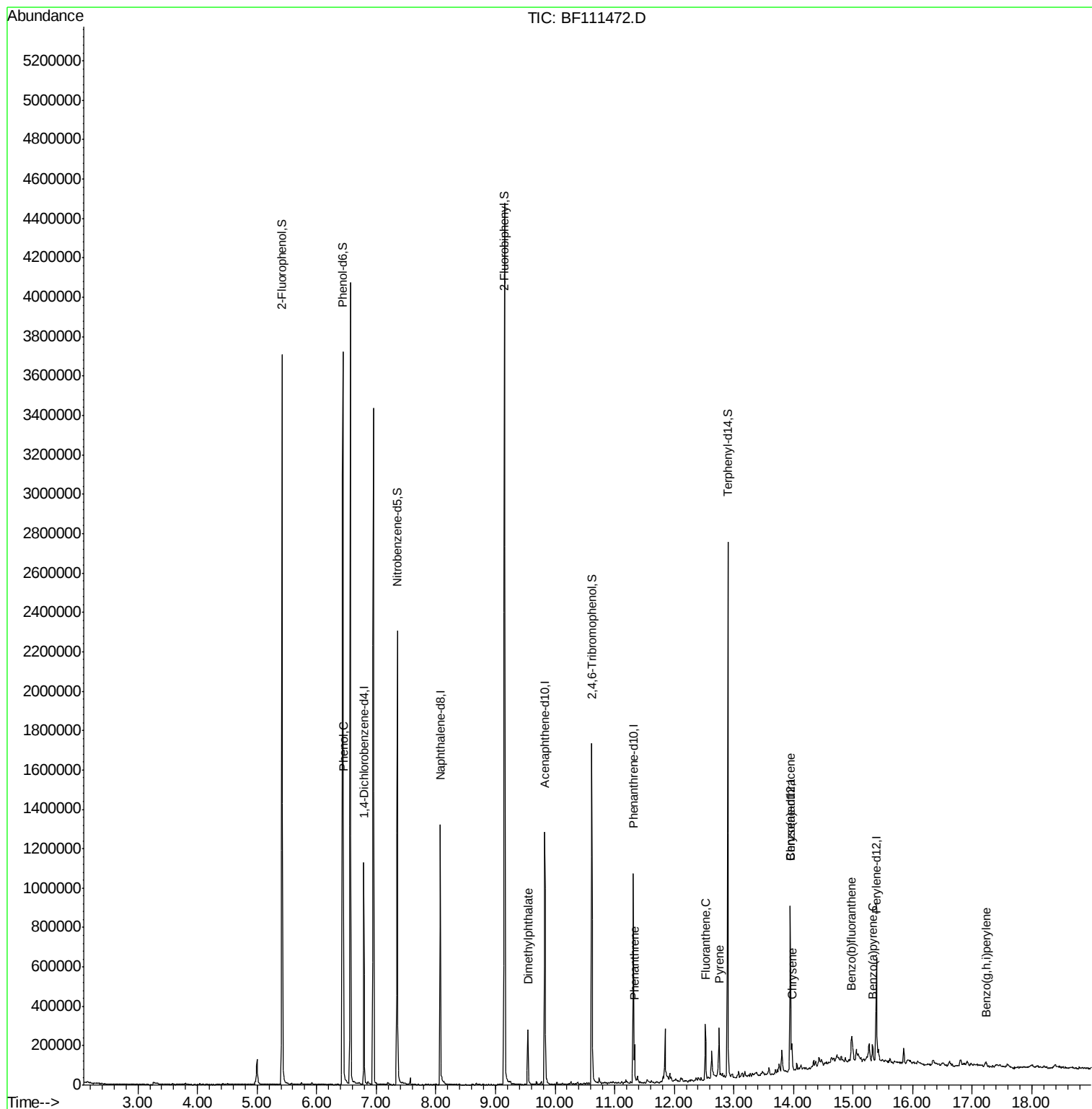
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111472.D
Acq On : 15 Dec 2018 16:53
Operator : JU/SJ
Sample : J6316-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

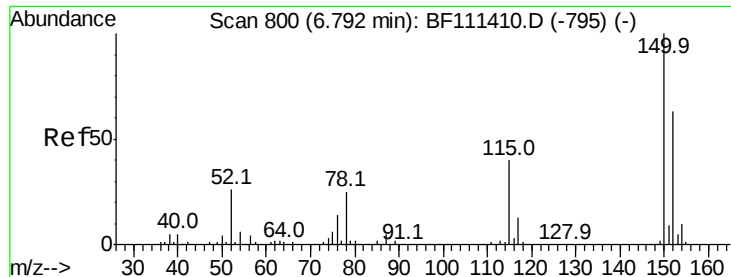
Instrument :
BNA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-3

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#1

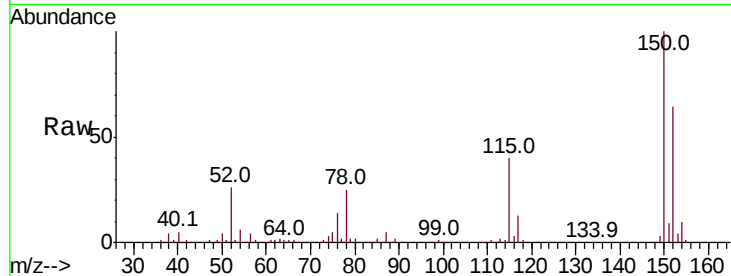
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Instrument :
BNA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.6	189.8
115	61.9	50.7	76.1

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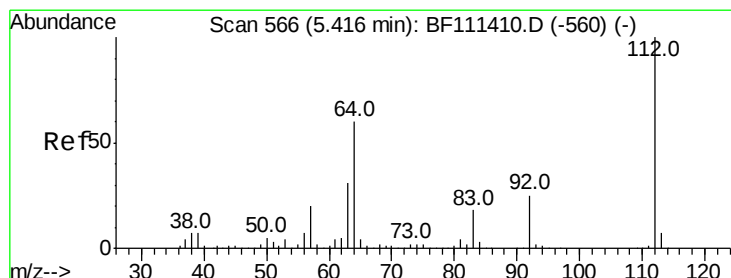
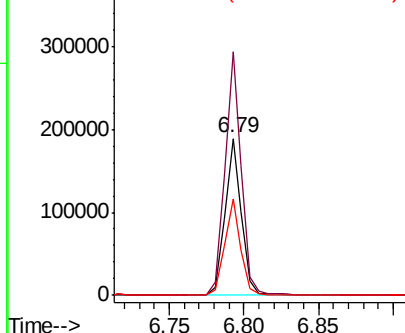
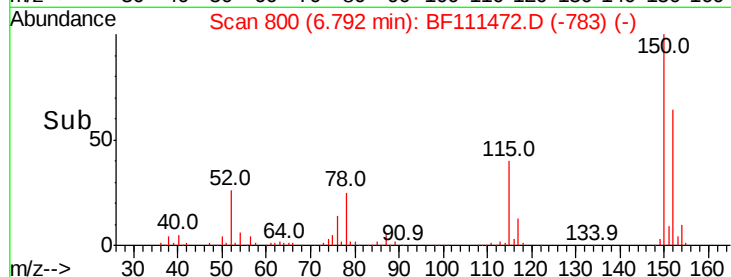


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

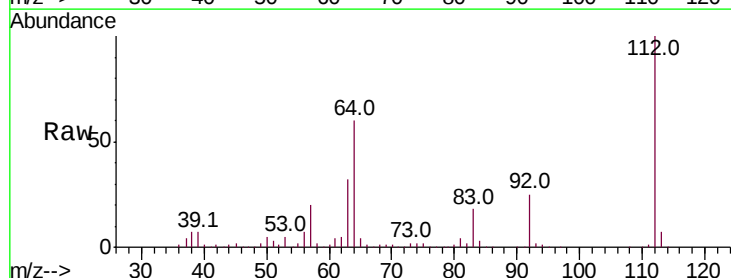
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 112.156 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	51.8	77.6
63	31.7	26.8	40.2

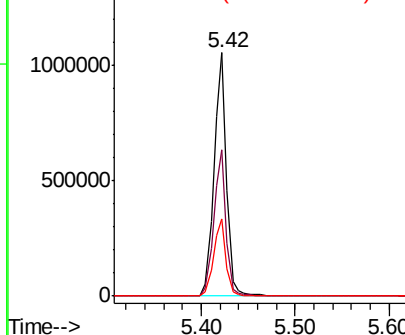
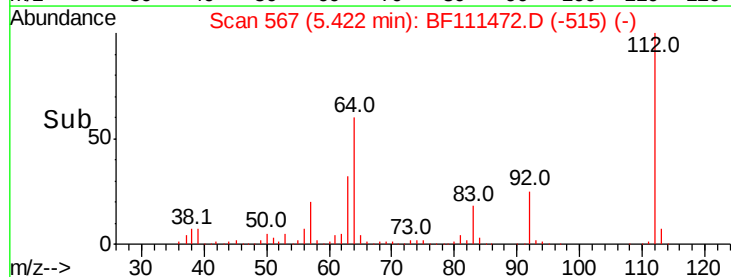


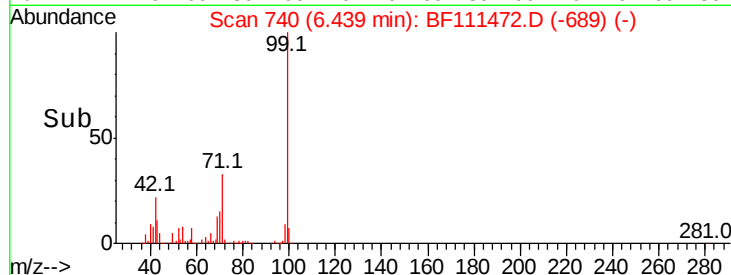
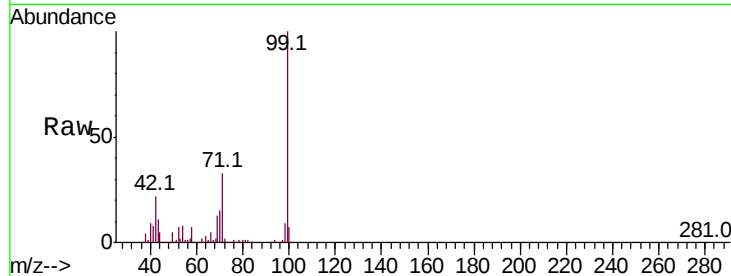
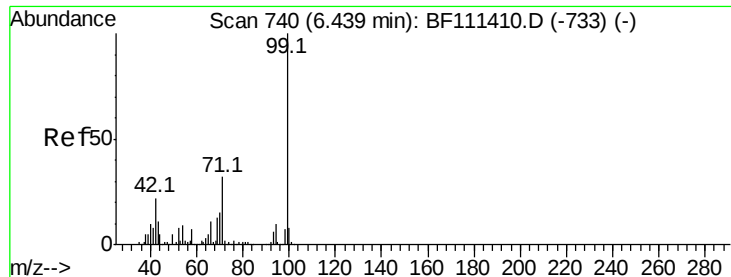
Abundance

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: 106.819 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111472.D

Acq: 15 Dec 2018 16:53

Tot Ion: 99 Resp: 1259162

Ion Ratio Lower Upper

99 100

42 21.7 17.4 26.0

71 32.6 26.1 39.1

Instrument :

BNA_F

ClientSampleId :

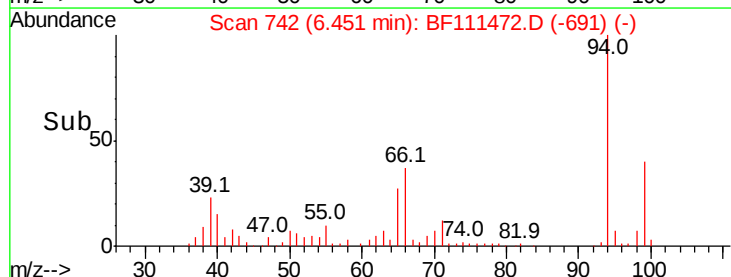
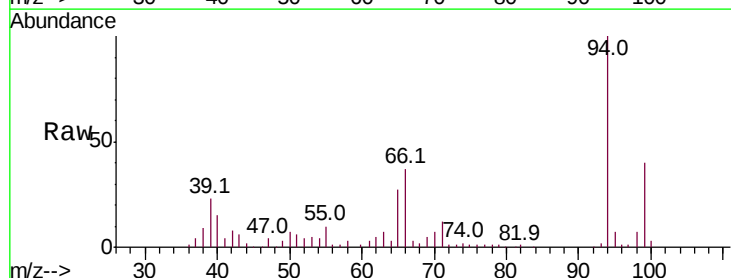
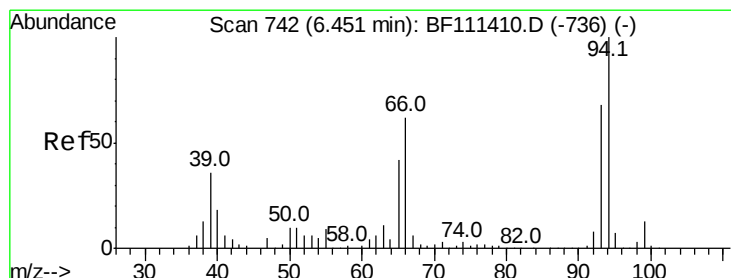
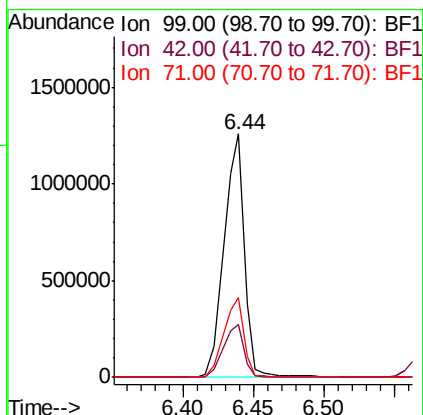
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#10

Phenol

Concen: 6.592 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF111472.D

Acq: 15 Dec 2018 16:53

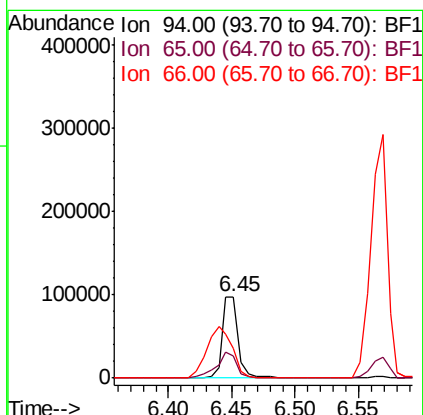
Tgt Ion: 94 Resp: 86564

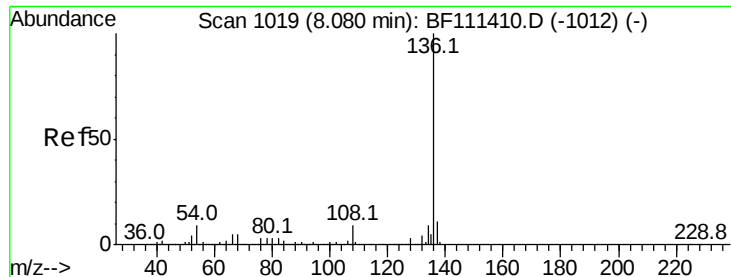
Ion Ratio Lower Upper

94 100

65 27.1 11.7 51.7

66 37.1 21.0 61.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF111472.D

Acq: 15 Dec 2018 16:53

Instrument :

BNA_F

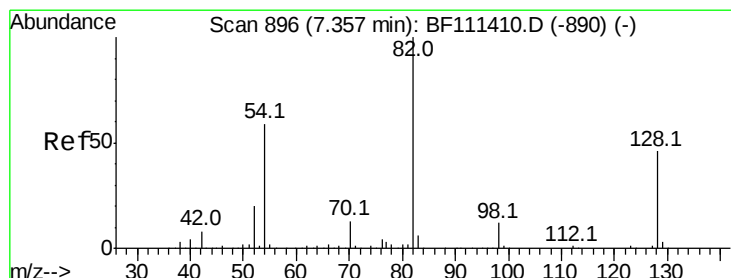
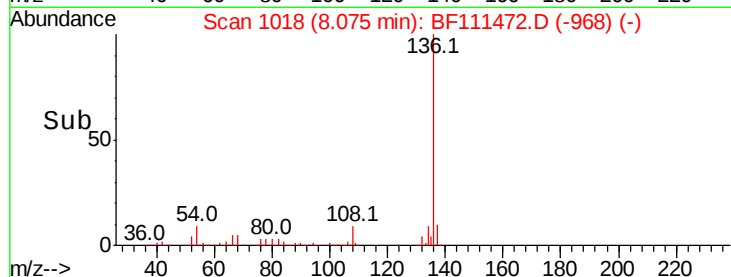
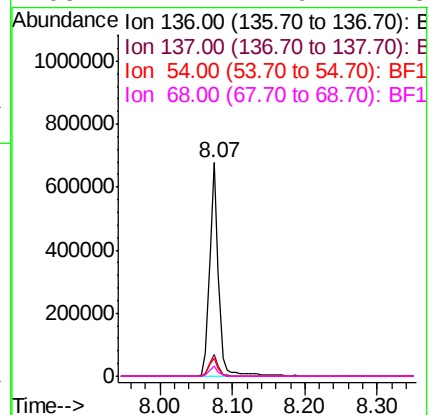
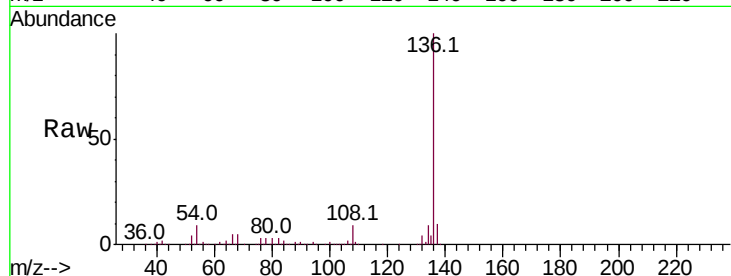
ClientSampleId :

AVE-X-B-BALL-FIELD-S-3

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.3	9.1	13.7	
54	8.7	7.7	11.5	
68	4.7	4.9	7.3#	

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#23

Nitrobenzene-d5

Concen: 79.002 ng

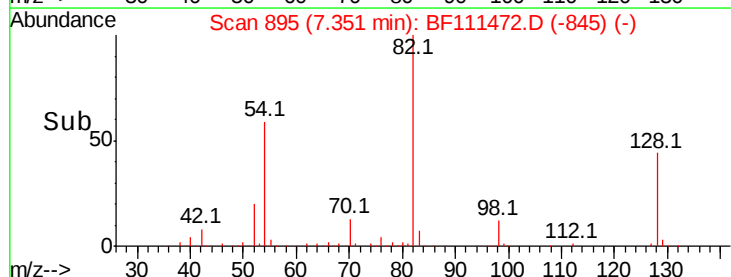
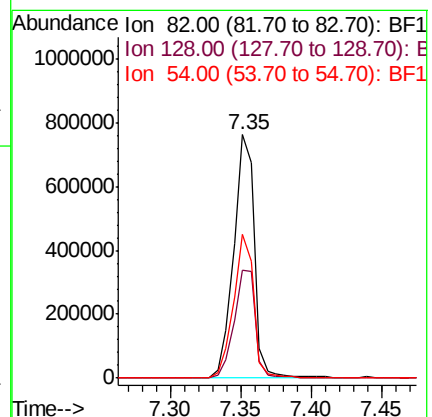
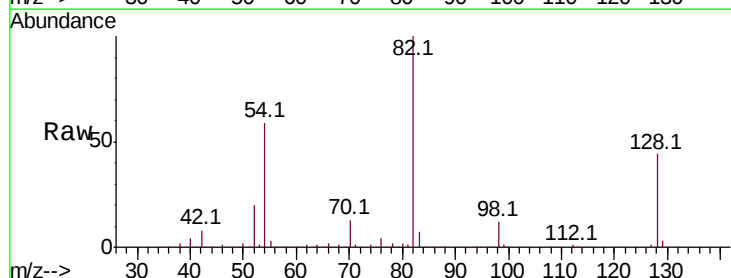
RT: 7.35 min Scan# 895

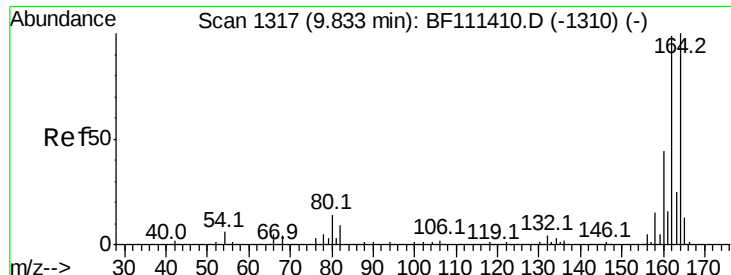
Delta R.T. -0.01 min

Lab File: BF111472.D

Acq: 15 Dec 2018 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.3	37.4	56.2	
54	59.2	47.6	71.4	





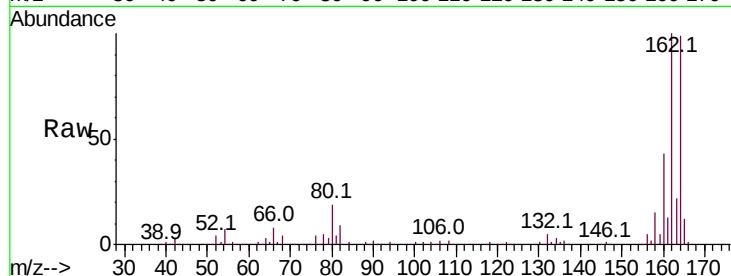
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Instrument :
BNA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-3

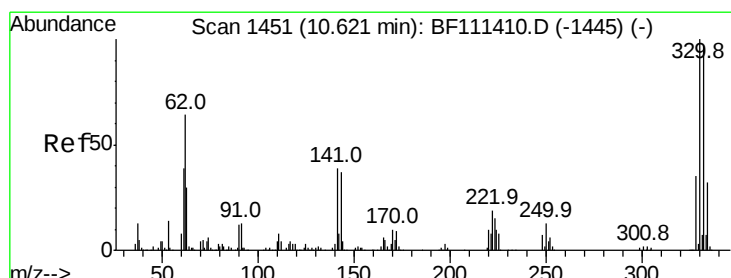
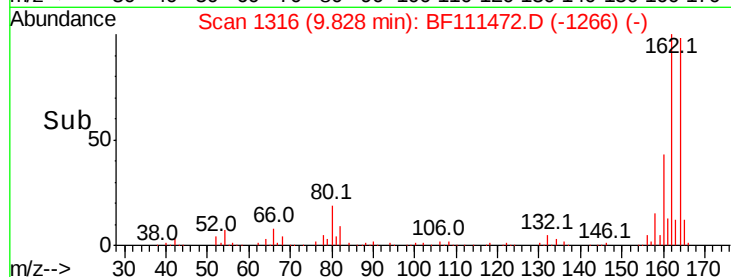
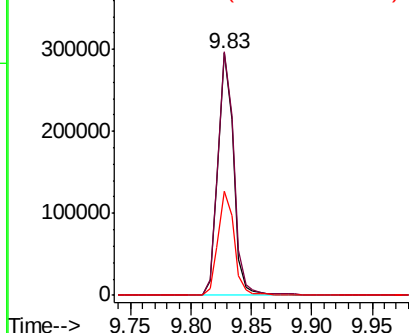
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.6	81.4	122.0	
160	43.0	35.7	53.5	

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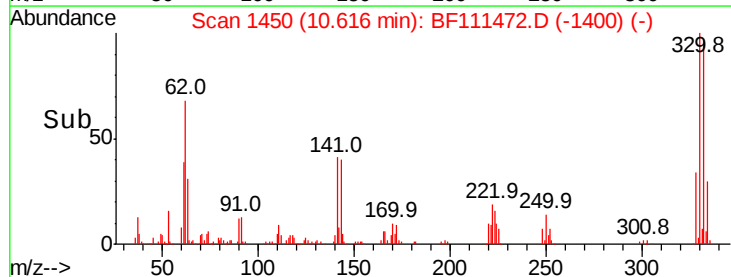
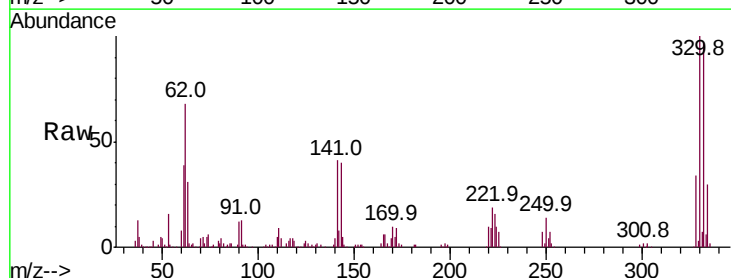
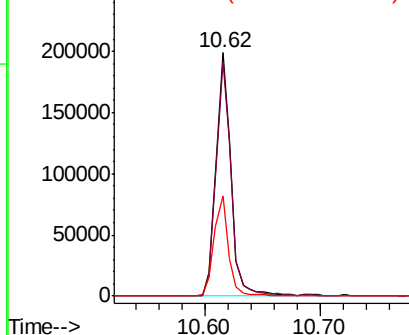
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

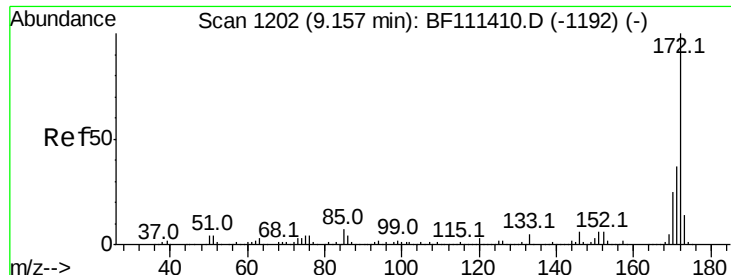


#42
2,4,6-Tribromophenol
Concen: 76.553 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	76.0	114.0	
141	40.4	31.0	46.6	

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





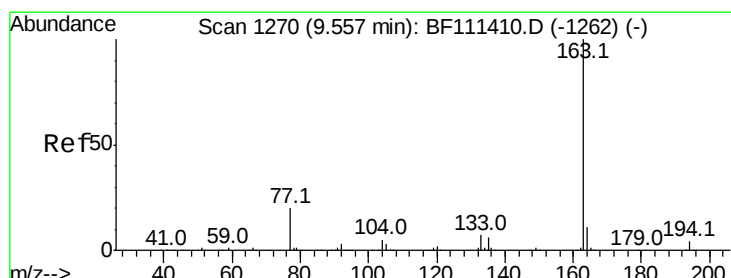
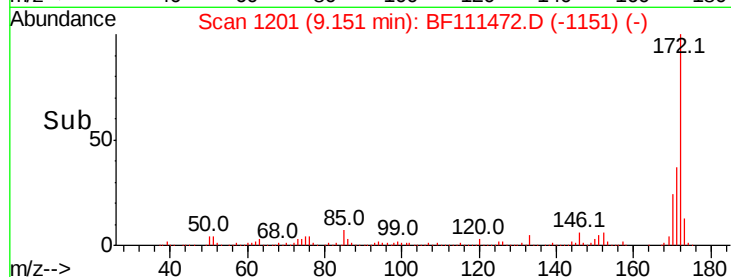
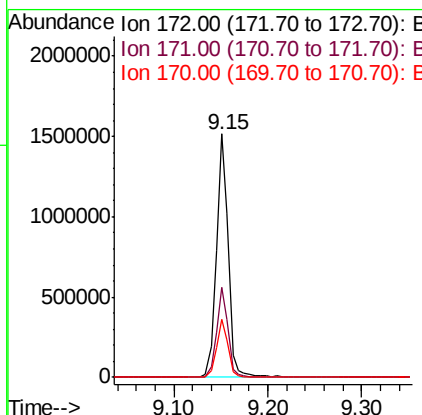
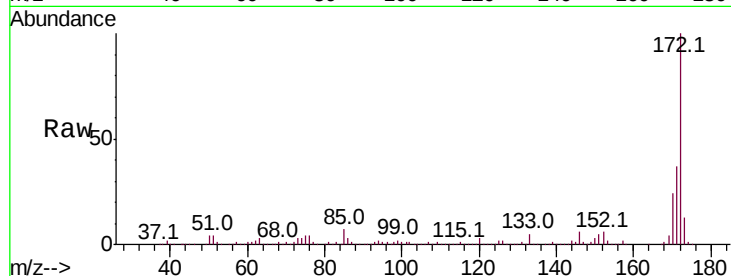
#45
2-Fluorobiphenyl
Concen: 80.051 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Instrument :
BNA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-3

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	33.0	49.4
170	23.7	22.3	33.5

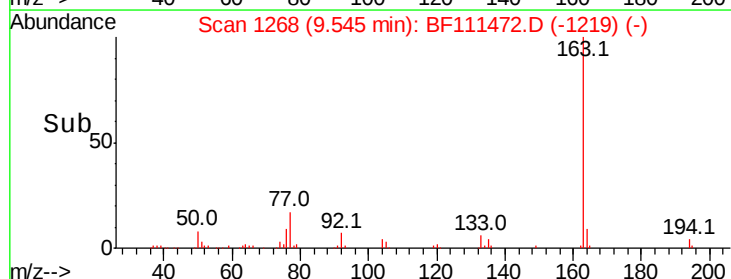
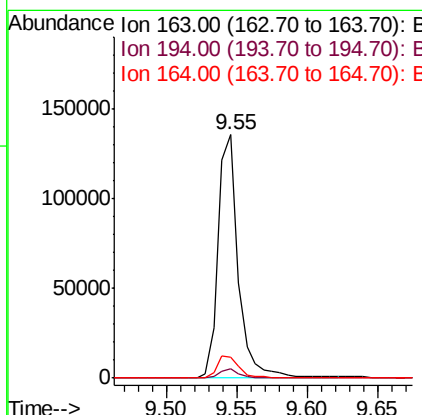
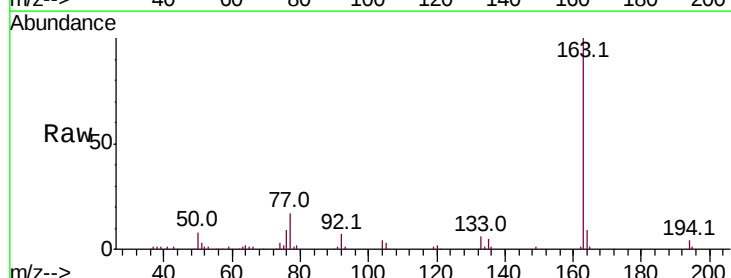
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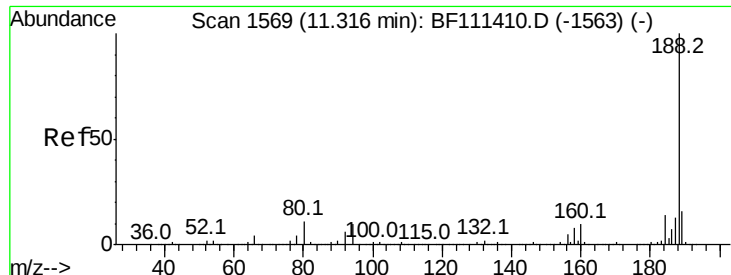
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#50
Dimethylphthalate
Concen: 7.184 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	8.8	8.9	13.3#





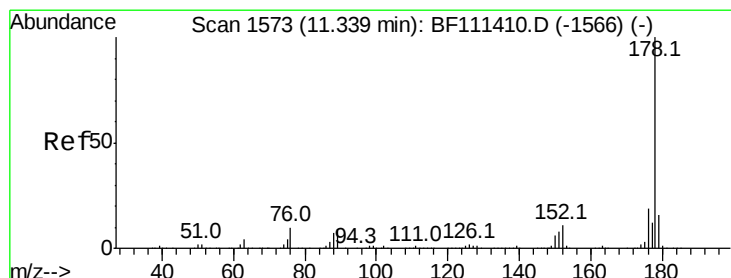
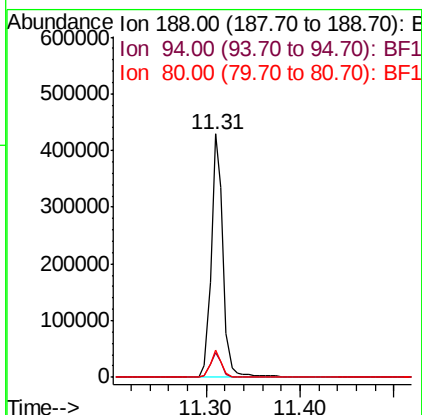
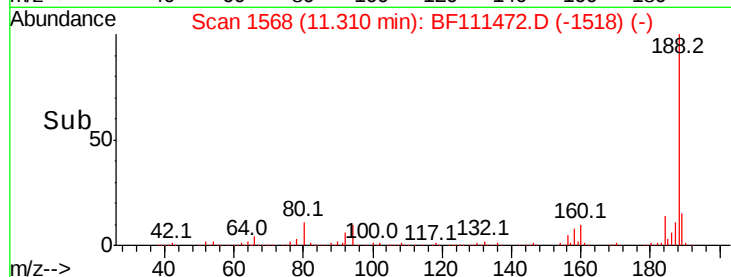
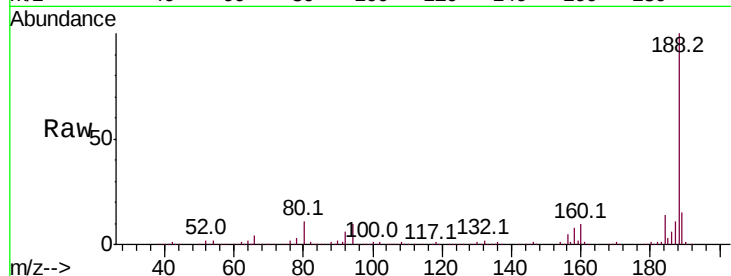
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF111472.D
 Acq: 15 Dec 2018 16:53

Instrument :
 BNA_F
 ClientSampleId :
 AVE-X-B-BALL-FIELD-S-3

Tot Ion:	188	Resp:	385658
Ion Ratio	Lower	Upper	
188	100		
94	10.2	9.6	14.4
80	11.0	9.8	14.6

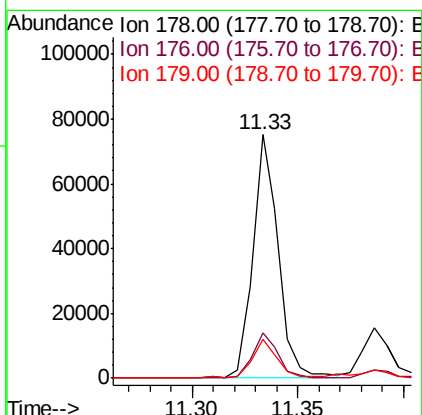
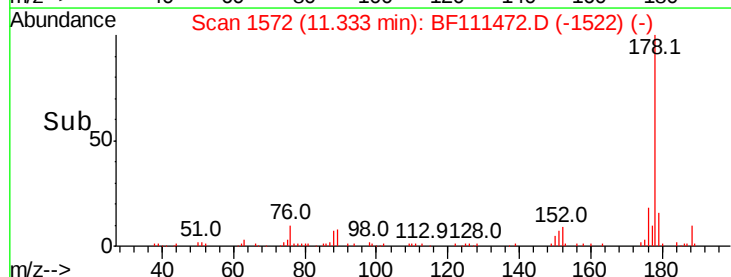
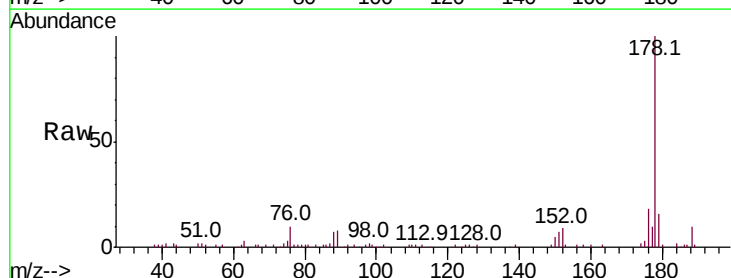
Manual Integrations
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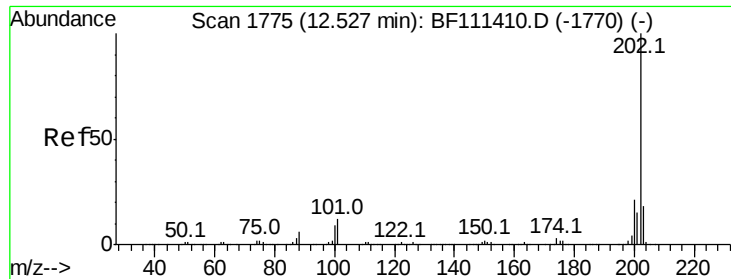
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#71
 Phenanthrene
 Concen: 3.164 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF111472.D
 Acq: 15 Dec 2018 16:53

Tgt Ion:	178	Resp:	62877
Ion Ratio	Lower	Upper	
178	100		
176	18.4	18.1	27.1
179	16.0	14.0	21.0





#75

Fluoranthene

Concen: 5.590 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF111472.D

Acq: 15 Dec 2018 16:53

Instrument :

BNA_F

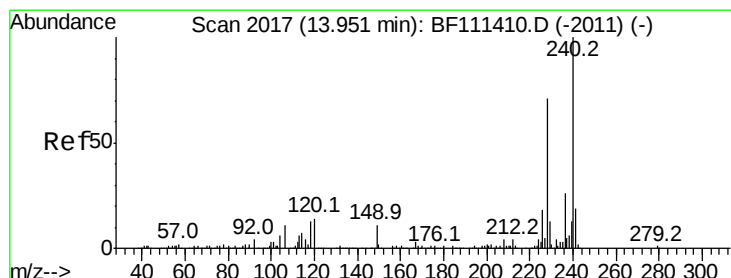
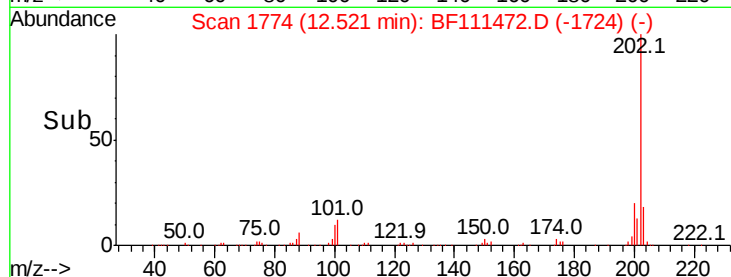
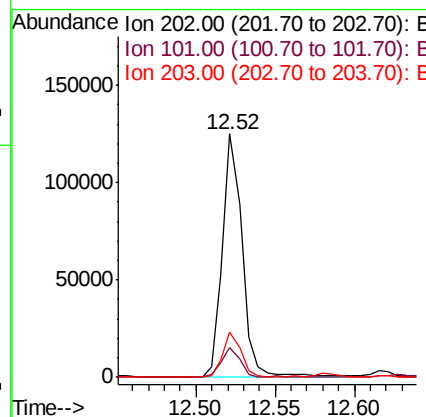
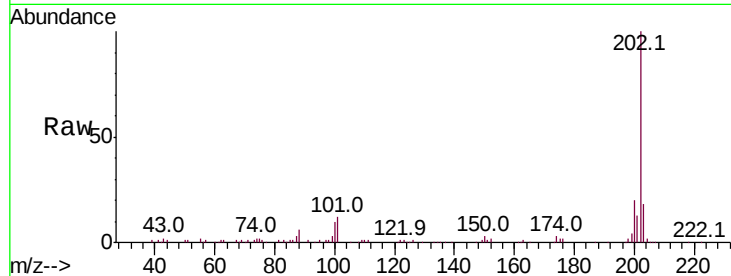
ClientSampleId :

AVE-X-B-BALL-FIELD-S-3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.1	0.0	33.8
203	18.4	0.0	38.6

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

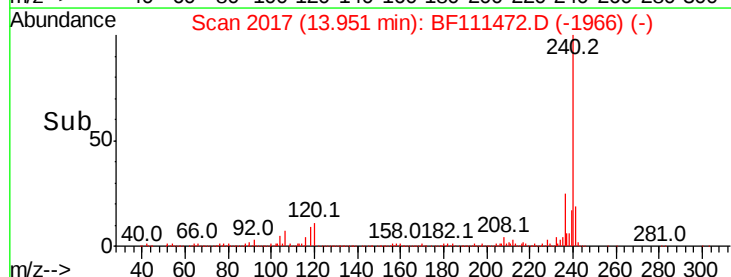
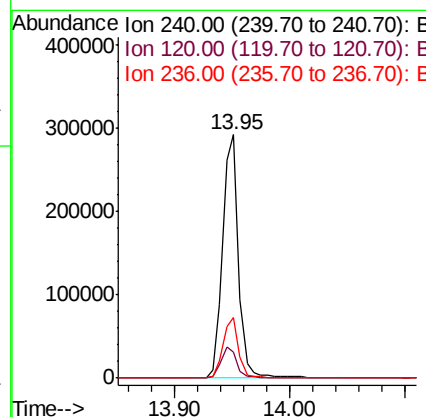
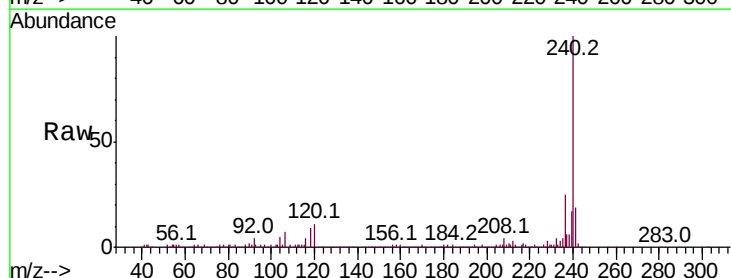
RT: 13.95 min Scan# 2017

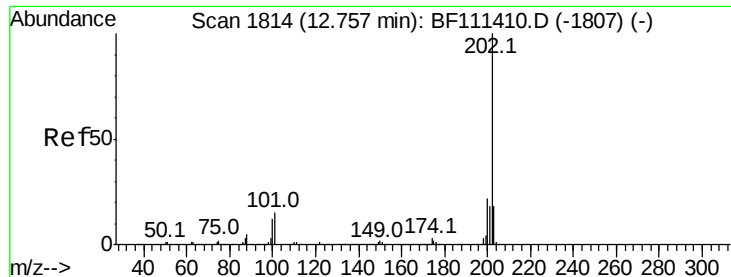
Delta R.T. 0.00 min

Lab File: BF111472.D

Acq: 15 Dec 2018 16:53

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.7	12.2	18.2#
236	25.0	20.2	30.2





#78

Pvrene

Concen: 5.056 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF111472.D

Acq: 15 Dec 2018 16:53

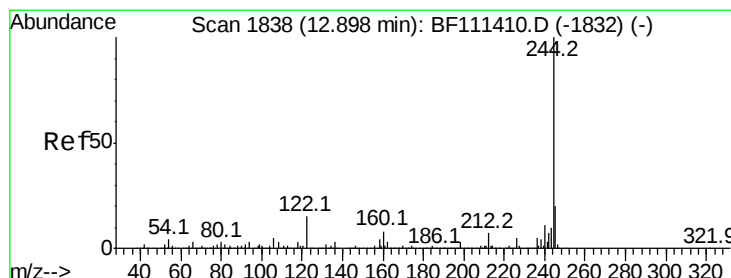
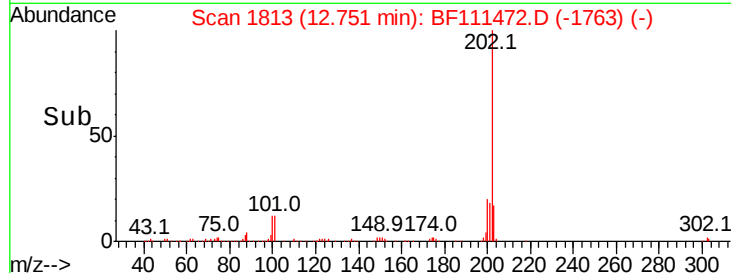
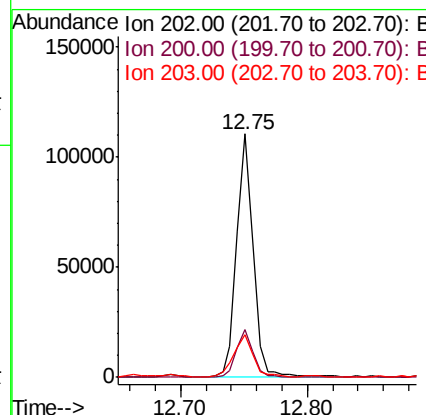
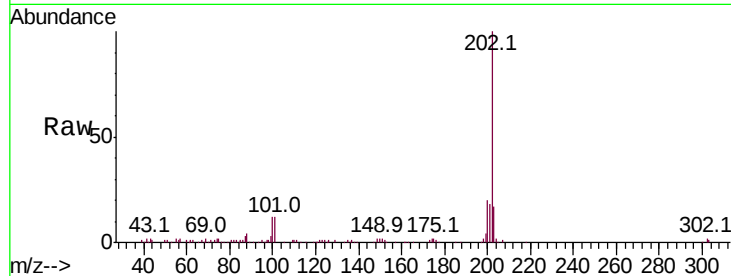
Instrument :
BNA_F

ClientSampleId :
AVE-X-B-BALL-FIELD-S-3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	19.7	19.0	28.4
203	17.5	15.2	22.8

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#79

Terphenyl-d14

Concen: 71.767 ng

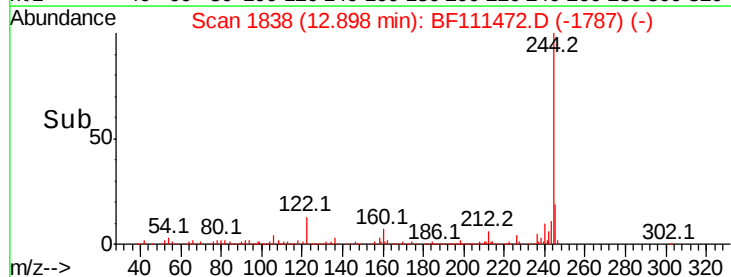
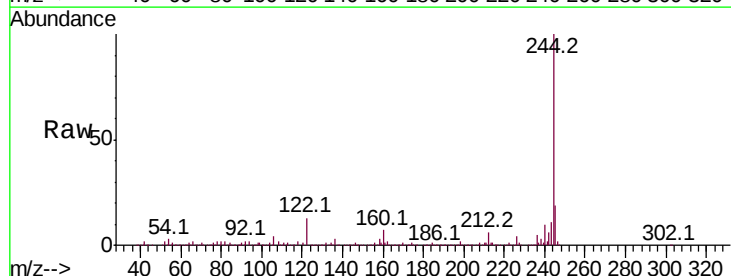
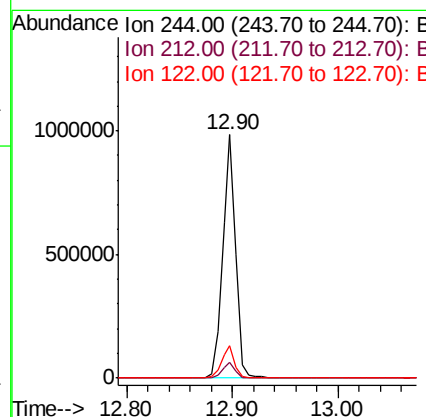
RT: 12.90 min Scan# 1838

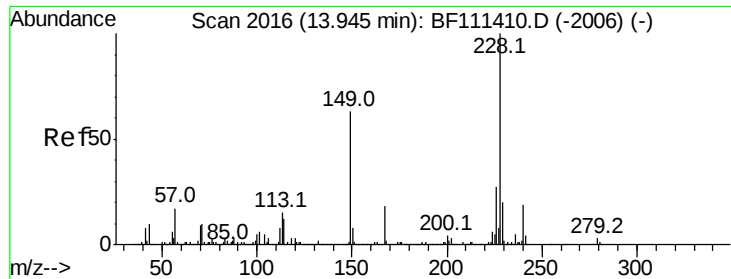
Delta R.T. 0.00 min

Lab File: BF111472.D

Acq: 15 Dec 2018 16:53

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.3	5.7	8.5
122	13.1	13.1	19.7#





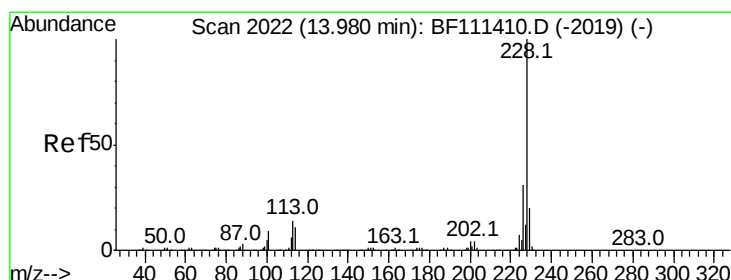
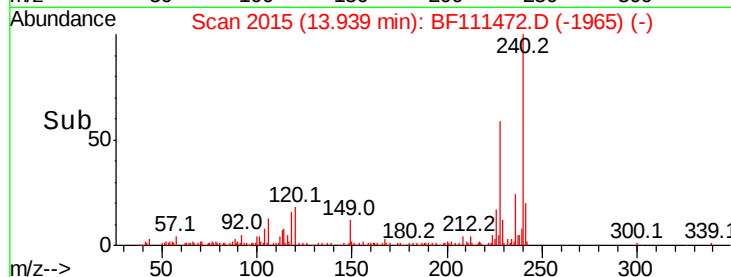
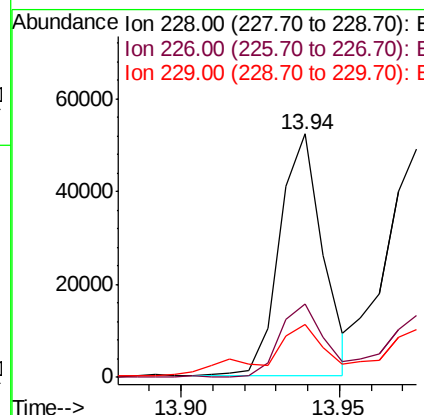
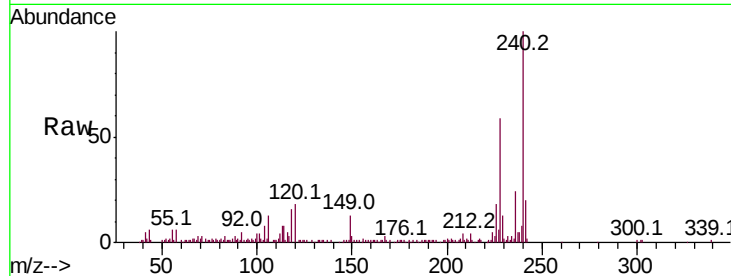
#81
Benzo(a)anthracene
Concen: 3.259 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Instrument :
BNA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-3

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	34.0
229	21.6	16.3	24.5

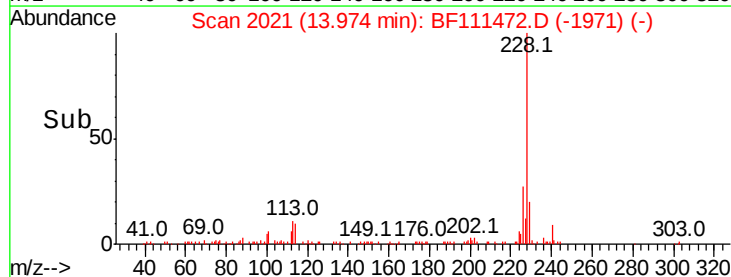
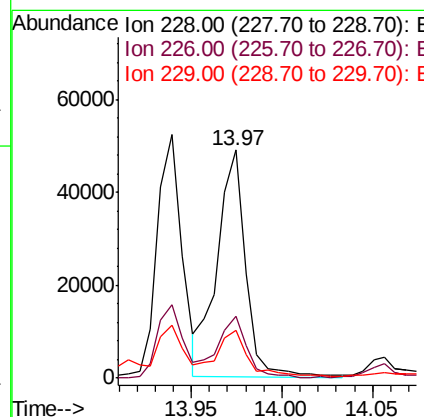
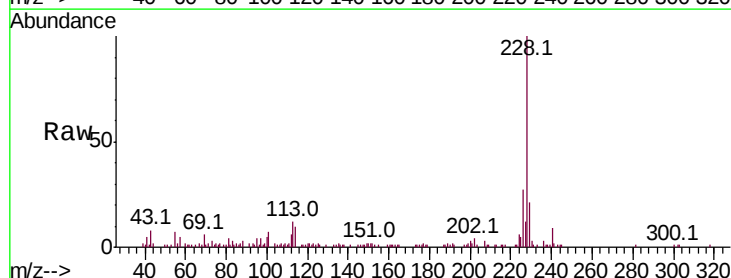
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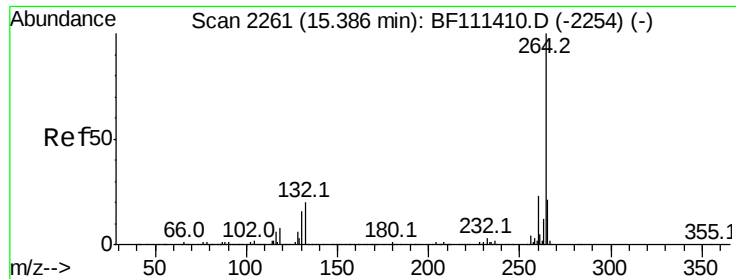
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#83
Chrysene
Concen: 3.390 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	25.3	37.9
229	20.9	17.2	25.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111472.D

Acq: 15 Dec 2018 16:53

Instrument :

BNA_F

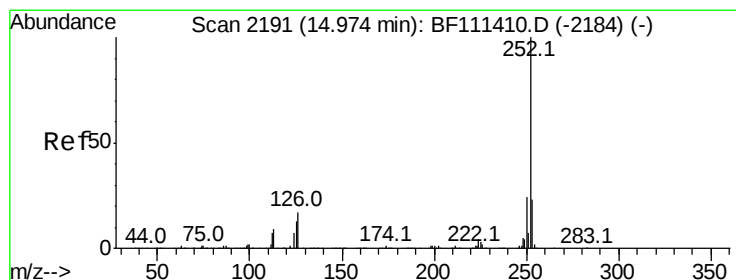
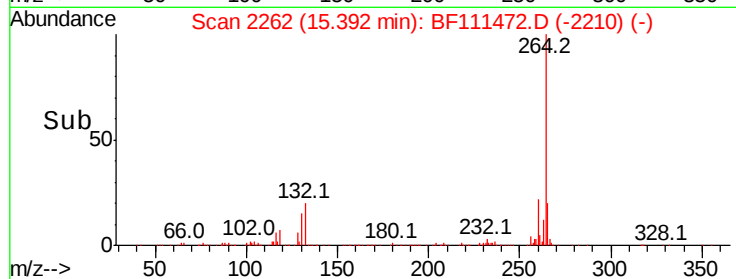
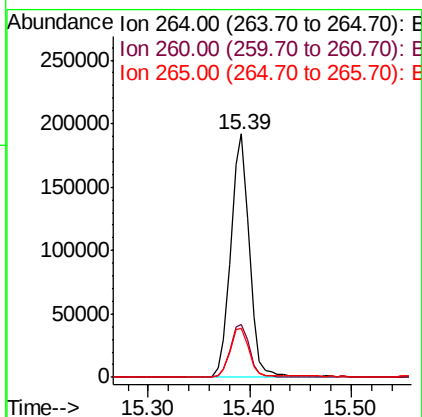
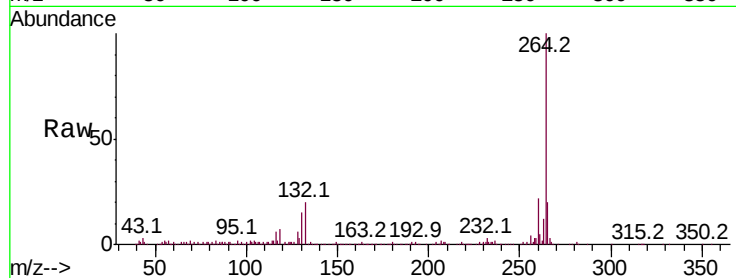
ClientSampleId :

AVE-X-B-BALL-FIELD-S-3

Tot Ion:	264	Resp:	245285
Ion Ratio	Lower	Upper	
264	100		
260	21.5	18.3	27.5
265	20.2	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 4.520 ng m

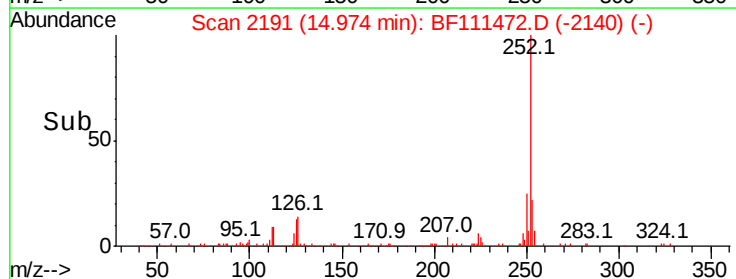
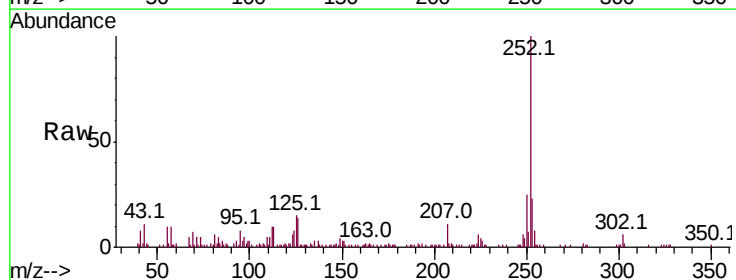
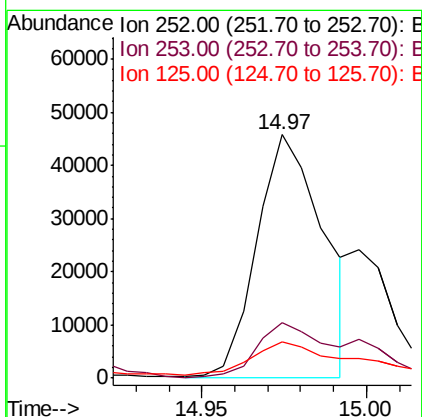
RT: 14.97 min Scan# 2191

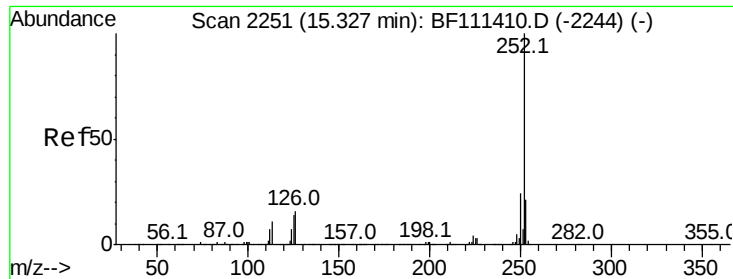
Delta R.T. 0.00 min

Lab File: BF111472.D

Acq: 15 Dec 2018 16:53

Tgt Ion:	252	Resp:	64642
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.2	27.2
125	15.0	10.4	15.6





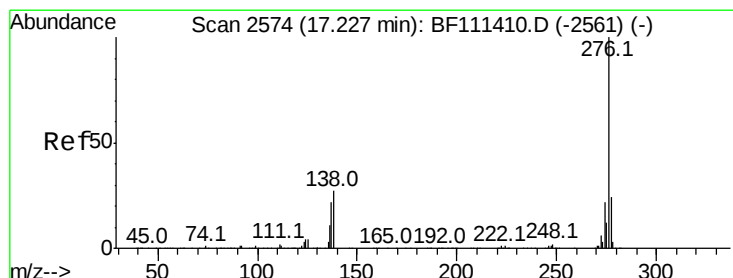
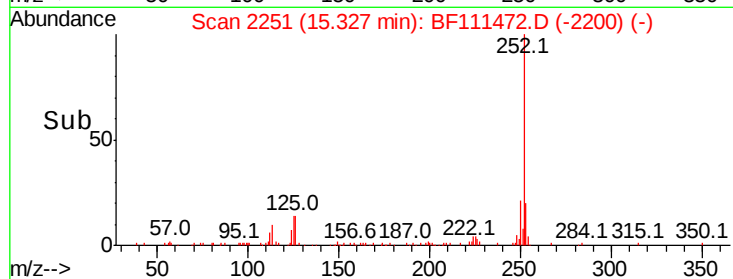
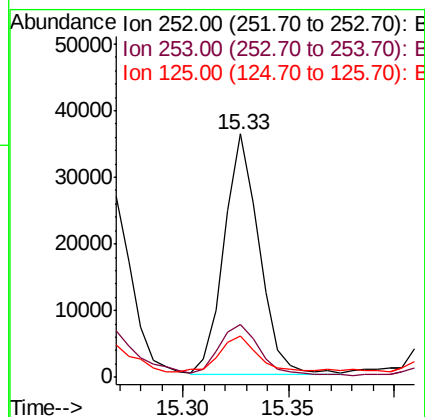
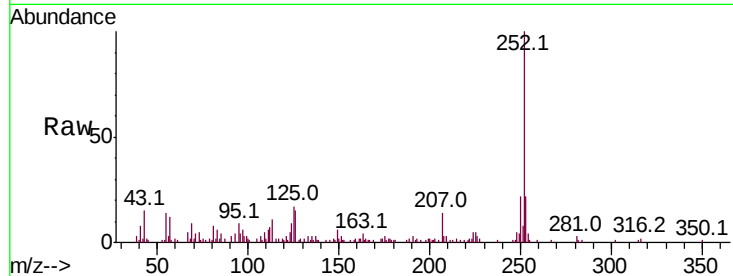
#90
Benzo(a)pyrene
Concen: 3.237 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.00 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Instrument :
BNA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-3

Tot Ion:	252	Resp:	41745
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.8	26.8
125	16.8	12.3	18.5

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#92
Benzo(g,h,i)perylene
Concen: 2.008 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BF111472.D
Acq: 15 Dec 2018 16:53

Tgt Ion:	276	Resp:	20054
Ion Ratio	Lower	Upper	
276	100		
277	22.8	19.2	28.8
138	25.7	24.9	37.3

