

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
 Data File : BF111639.D
 Acq On : 20 Dec 2018 15:07
 Operator : JU/SJ
 Sample : J6481-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HOUSE-WALL

Manual Integrations
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 12/21/2018 2:46:39 PM

Quant Time: Dec 21 06:35:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	204698	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	751987	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	346479	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	536441	20.00	ng	0.00
76) Chrysene-d12	14.04	240	499652	20.00	ng	0.00
87) Perylene-d12	15.52	264	420118	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1093152	91.03	ng	0.00
7) Phenol-d6	6.52	99	1436197	93.97	ng	0.00
23) Nitrobenzene-d5	7.45	82	876432	67.84	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	342590	83.68	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1615792	67.97	ng	0.00
79) Terphenyl-d14	13.00	244	1263401	47.95	ng	0.00
Target Compounds						
10) Phenol	6.53	94	79841	4.630	ng	98
20) 3+4-Methylphenols	7.29	107	43123	3.204	ng	# 56
50) Dimethylphthalate	9.64	163	203698	8.040	ng	97
75) Fluoranthene	12.62	202	127394	4.422	ng	95
78) Pyrene	12.85	202	117679	3.335	ng	94
81) Benzo(a)anthracene	14.03	228	66606	2.336	ng	97
83) Chrysene	14.07	228	72761	2.596	ng	95
84) Bis(2-ethylhexyl)phthalate	14.03	149	51399	2.837	ng	# 98
88) Benzo(b)fluoranthene	15.09	252	89717m	3.654	ng	
90) Benzo(a)pyrene	15.46	252	55161m	2.473	ng	

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

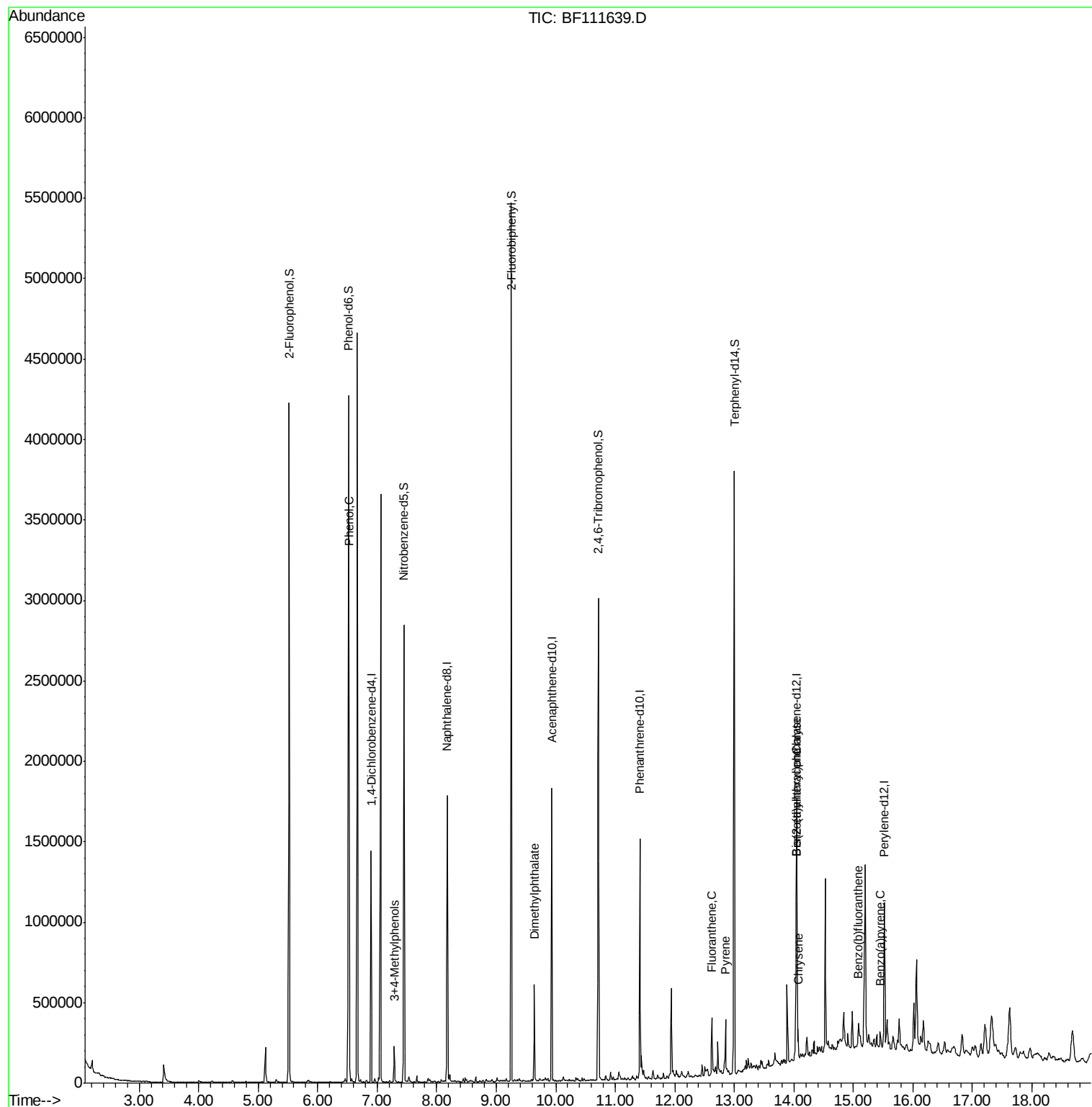
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111639.D
Acq On : 20 Dec 2018 15:07
Operator : JU/SJ
Sample : J6481-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

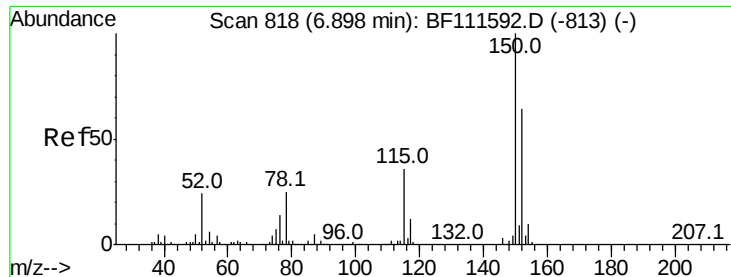
Instrument :
BNA_F
ClientSampleId :
HOUSE-WALL

Quant Time: Dec 21 06:35:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

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#1

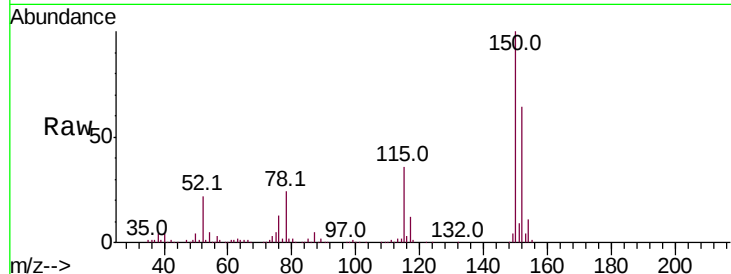
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111639.D
Acq: 20 Dec 2018 15:07

Instrument :
BNA_F
ClientSampleId :
HOUSE-WALL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.6	189.8
115	56.5	50.7	76.1

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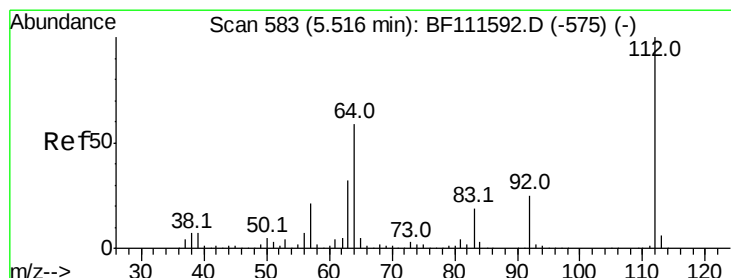
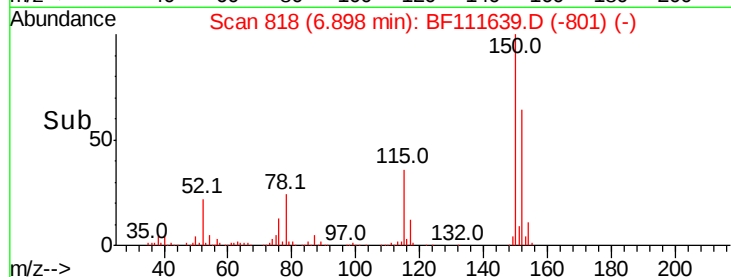
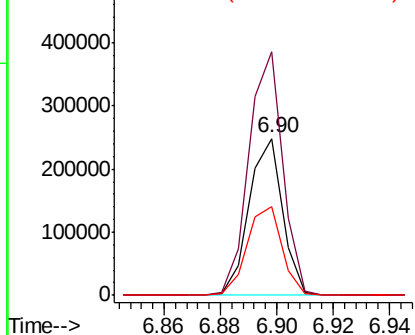


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

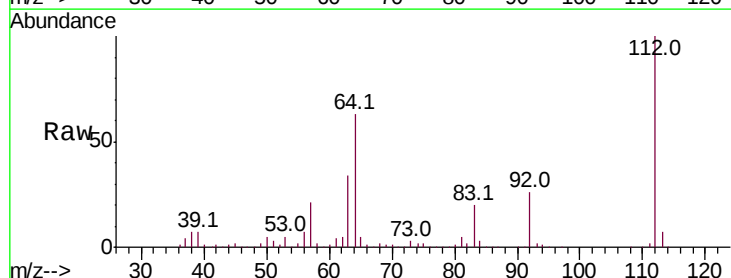
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 91.027 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111639.D
Acq: 20 Dec 2018 15:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	51.8	77.6
63	34.2	26.8	40.2

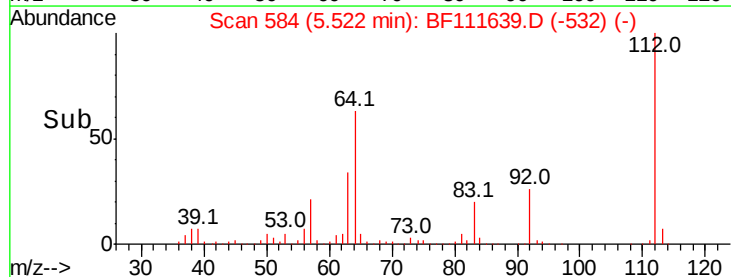
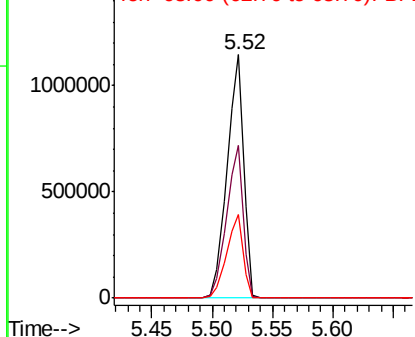


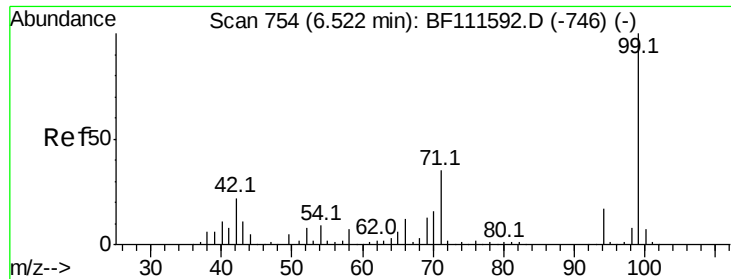
Abundance

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: 93.972 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF111639.D

Acq: 20 Dec 2018 15:07

Instrument :

BNA_F

ClientSampleId :

HOUSE-WALL

Tot Ion: 99 Resp: 1436197

Ion Ratio Lower Upper

99 100

42 22.6 17.4 26.0

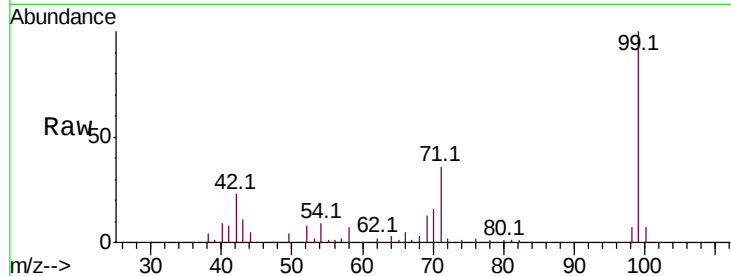
71 36.4 26.1 39.1

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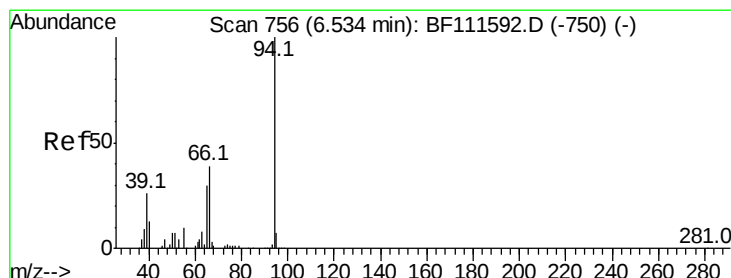
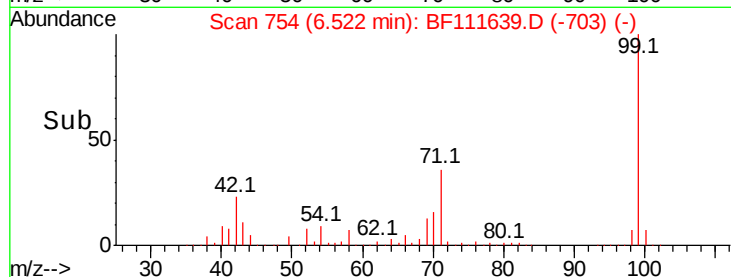
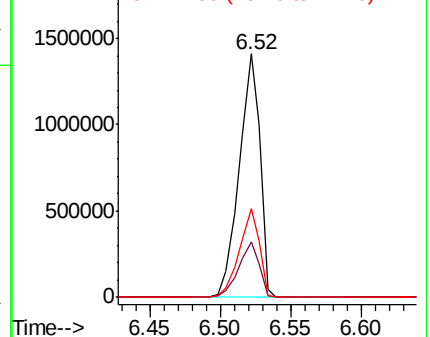
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.630 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111639.D

Acq: 20 Dec 2018 15:07

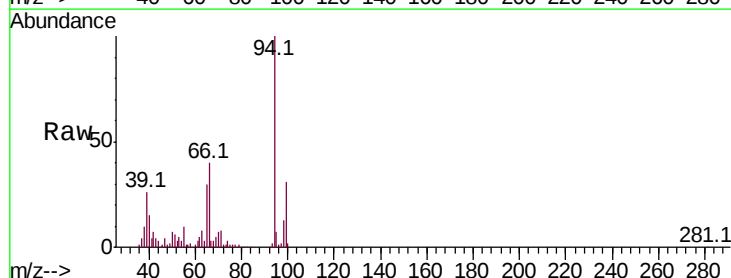
Tgt Ion: 94 Resp: 79841

Ion Ratio Lower Upper

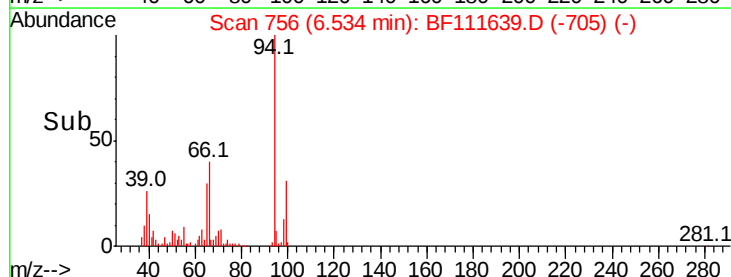
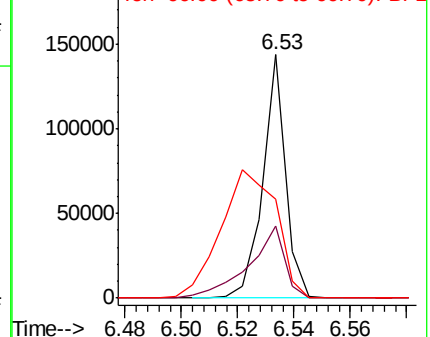
94 100

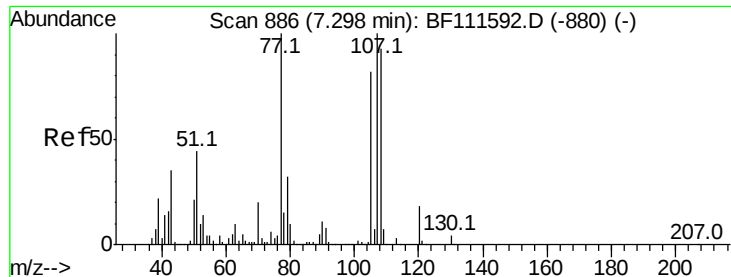
65 29.7 11.7 51.7

66 40.5 21.0 61.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#20

3+4-Methylphenols

Concen: 3.204 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF111639.D

Acq: 20 Dec 2018 15:07

Instrument :

BNA_F

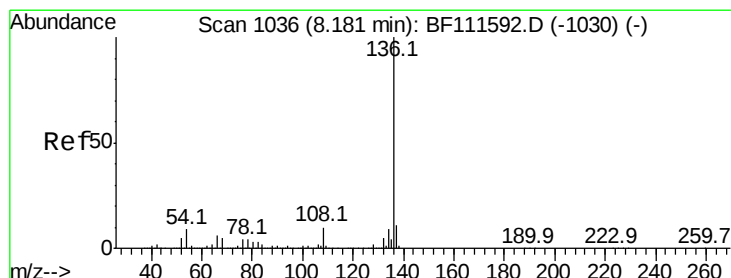
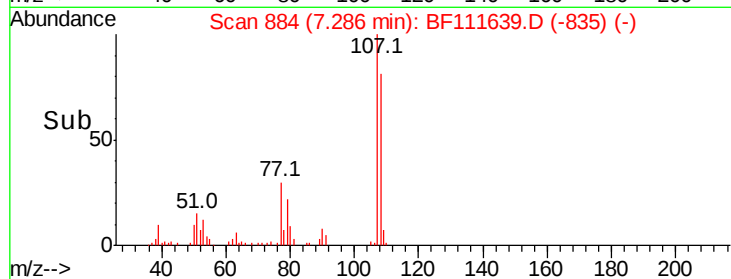
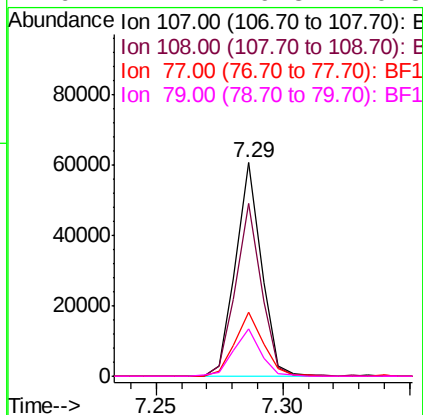
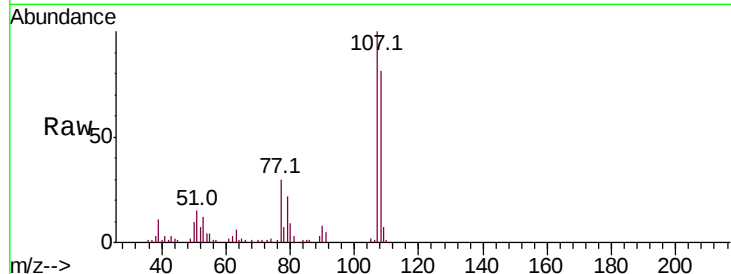
ClientSampleId :

HOUSE-WALL

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	80.8	72.1	112.1	
77	30.0	94.1	134.1#	
79	22.2	9.8	49.8	

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#21

Naphthalene-d8

Concen: 20.000 ng

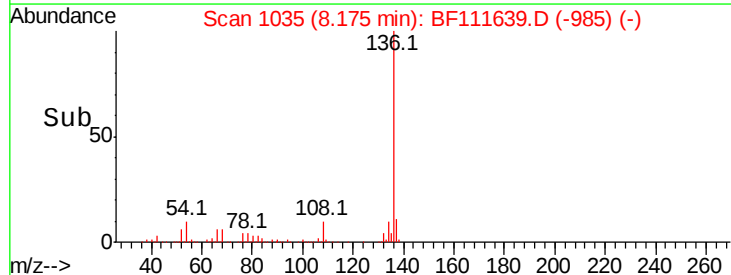
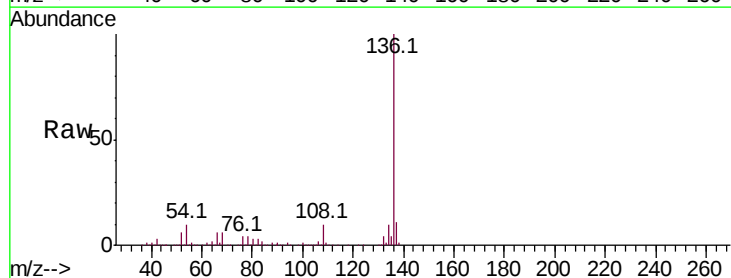
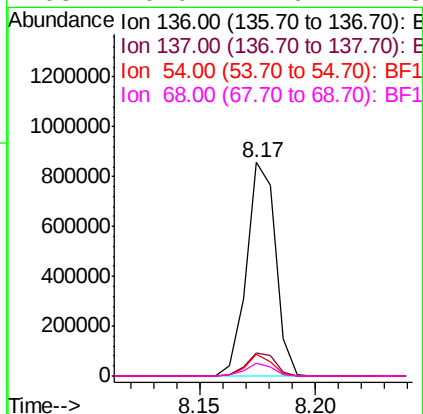
RT: 8.17 min Scan# 1035

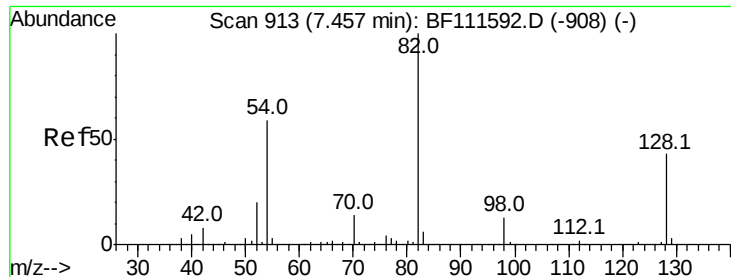
Delta R.T. -0.01 min

Lab File: BF111639.D

Acq: 20 Dec 2018 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.1	13.7	
54	9.9	7.7	11.5	
68	6.0	4.9	7.3	





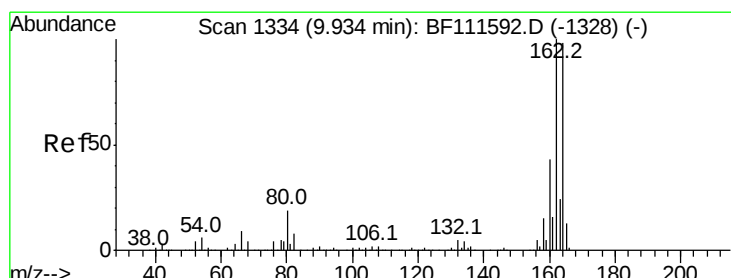
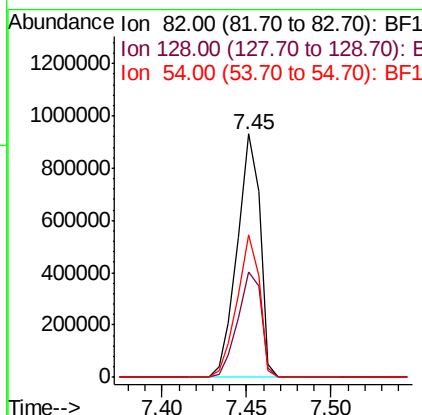
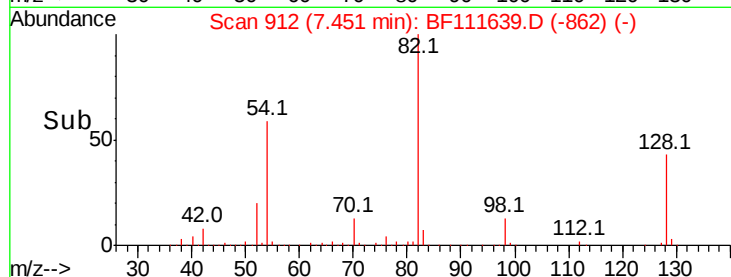
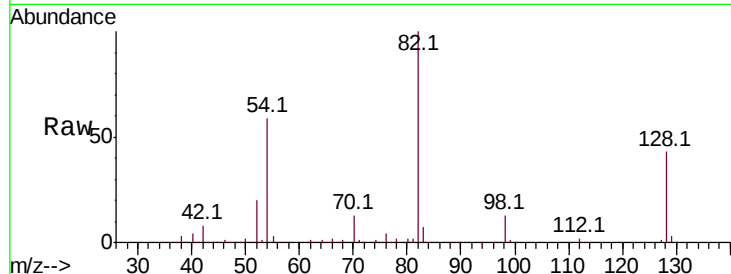
#23
Nitrobenzene-d5
Concen: 67.840 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111639.D
Acq: 20 Dec 2018 15:07

Instrument :
BNA_F
ClientSampleId :
HOUSE-WALL

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.1	37.4	56.2
54	58.7	47.6	71.4

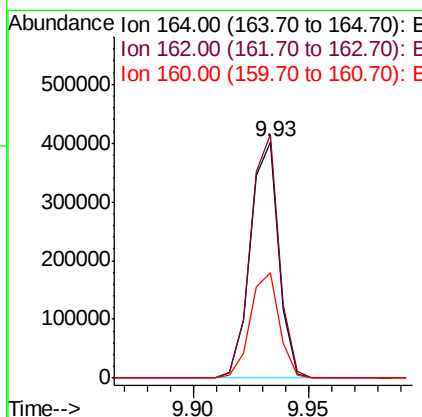
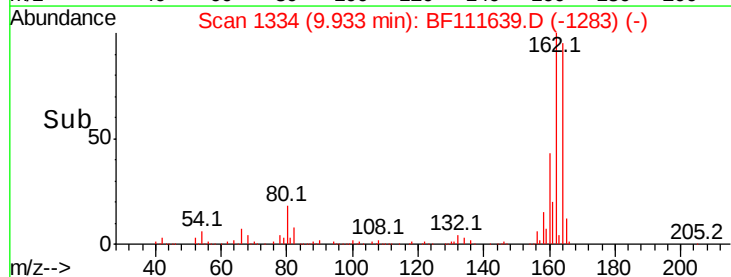
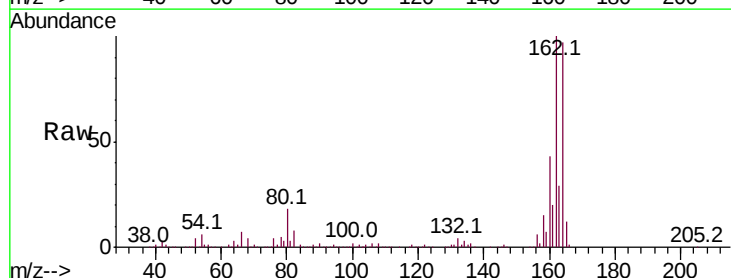
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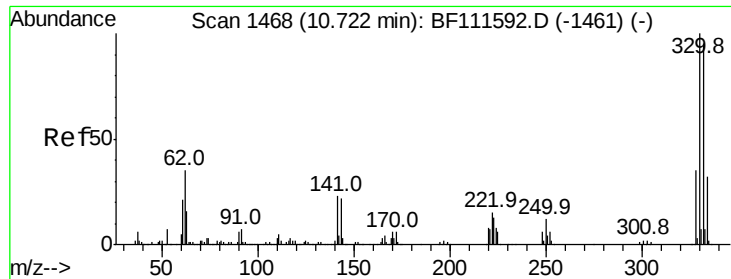
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111639.D
Acq: 20 Dec 2018 15:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.4	122.0
160	44.3	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 83.683 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF111639.D

Acq: 20 Dec 2018 15:07

Instrument :

BNA_F

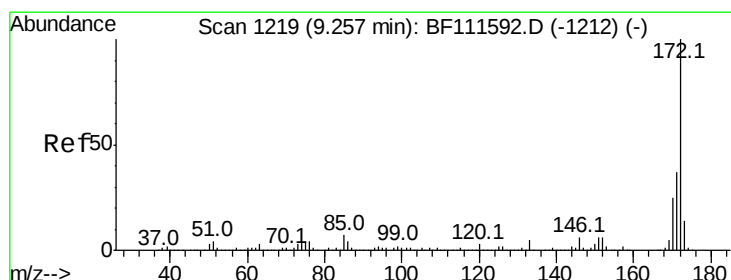
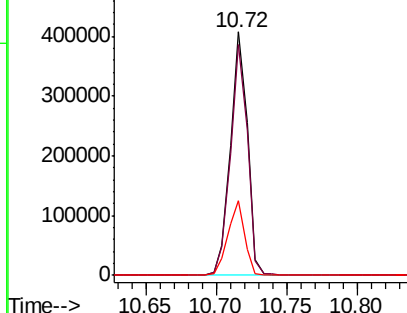
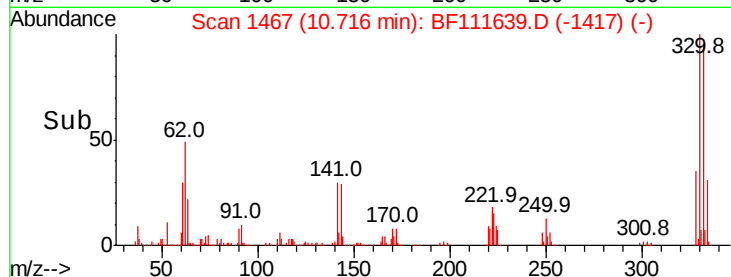
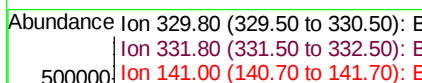
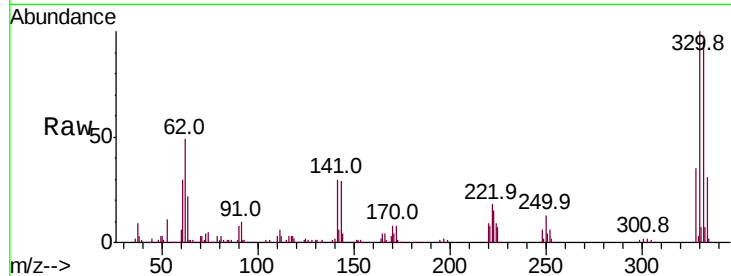
ClientSampled :

HOUSE-WALL

Tot Ion:	330	Resp:	342590
Ion Ratio	Lower	Upper	
330	100		
332	95.0	76.0	114.0
141	30.1	31.0	46.6#

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#45

2-Fluorobiphenyl

Concen: 67.974 ng

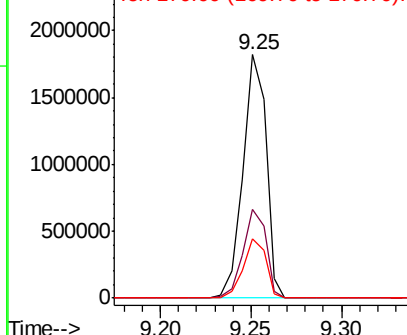
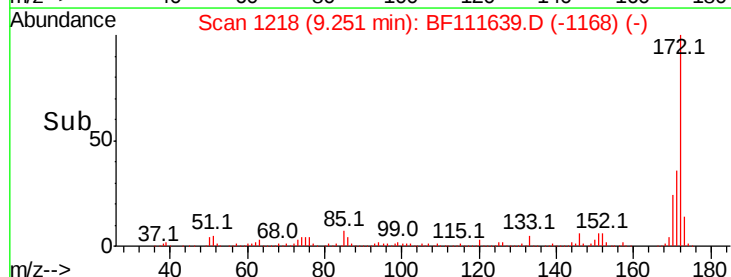
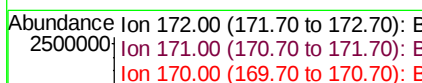
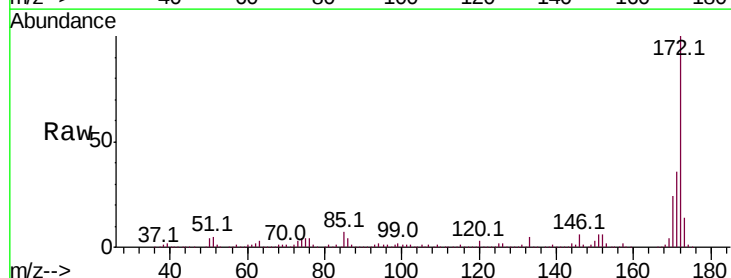
RT: 9.25 min Scan# 1218

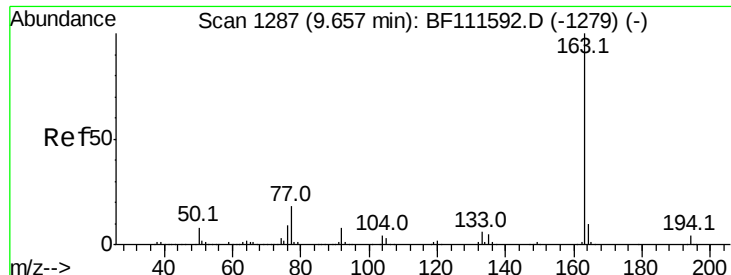
Delta R.T. -0.01 min

Lab File: BF111639.D

Acq: 20 Dec 2018 15:07

Tgt Ion:	172	Resp:	1615792
Ion Ratio	Lower	Upper	
172	100		
171	36.3	33.0	49.4
170	24.2	22.3	33.5





#50

Dimethylphthalate

Concen: 8.040 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF111639.D

Acq: 20 Dec 2018 15:07

Instrument :

BNA_F

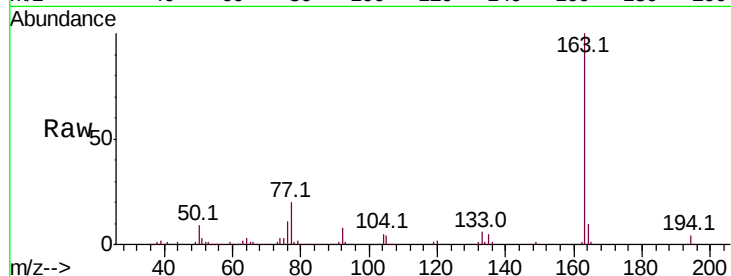
ClientSampleId :

HOUSE-WALL

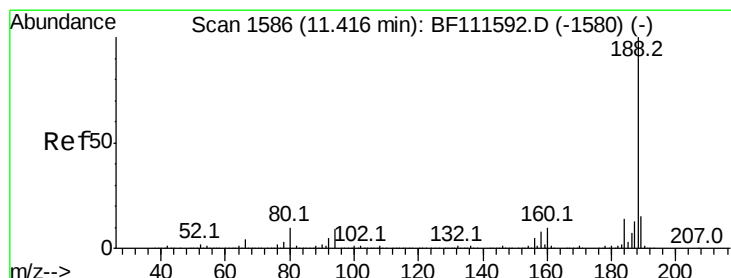
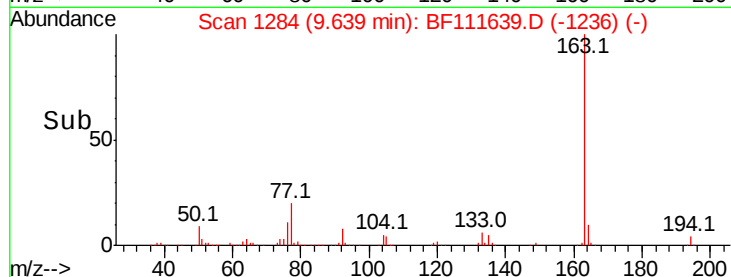
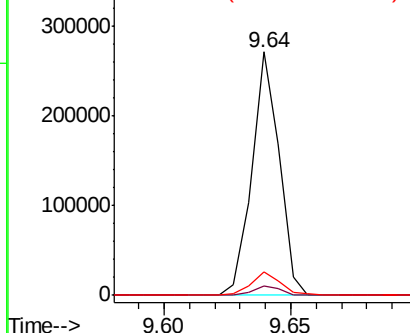
Tot Ion:	163	Resp:	203698
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.0	4.6
164	9.8	8.9	13.3

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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



#64

Phenanthrene-d10

Concen: 20.000 ng

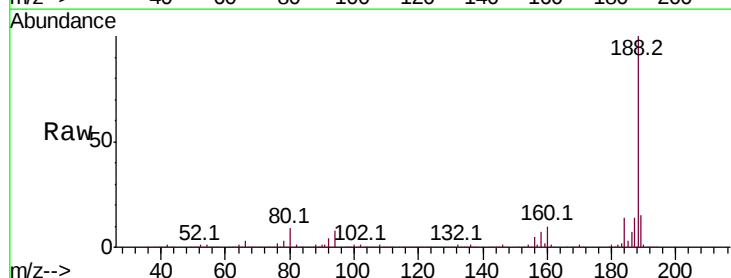
RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

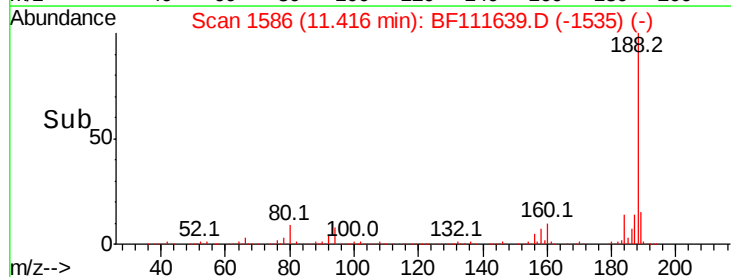
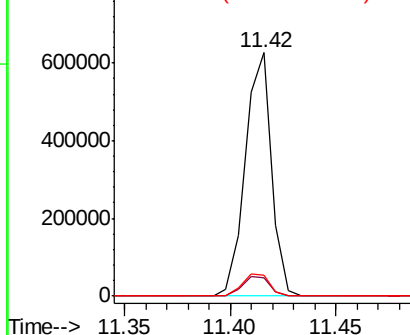
Lab File: BF111639.D

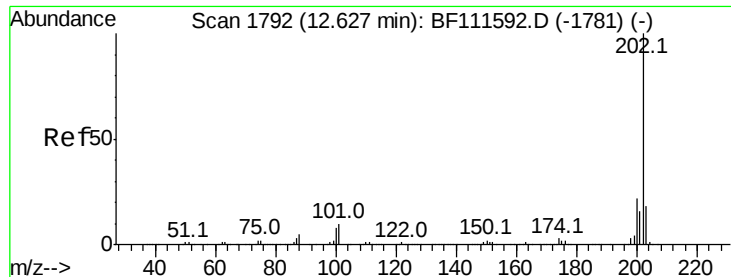
Acq: 20 Dec 2018 15:07

Tgt Ion:	188	Resp:	536441
Ion Ratio	Lower	Upper	
188	100		
94	7.7	9.6	14.4#
80	8.8	9.8	14.6#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#75

Fluoranthene

Concen: 4.422 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF111639.D

Acq: 20 Dec 2018 15:07

Instrument :

BNA_F

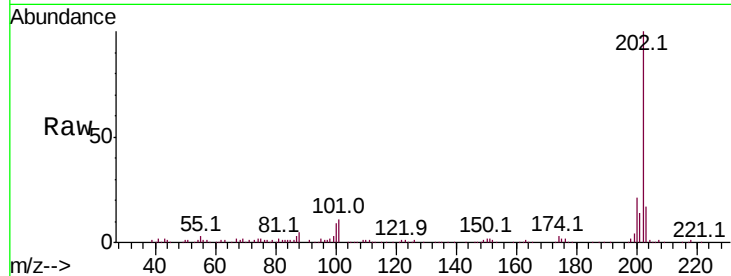
ClientSampleId :

HOUSE-WALL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.7	0.0	33.8
203	17.2	0.0	38.6

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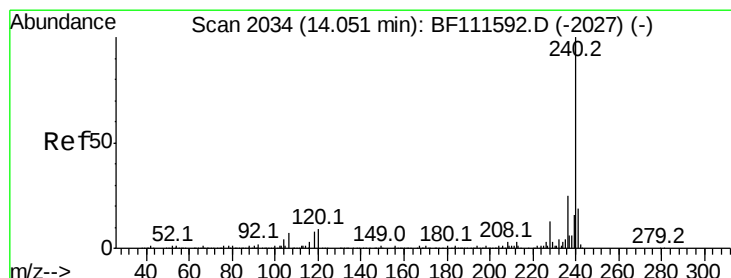
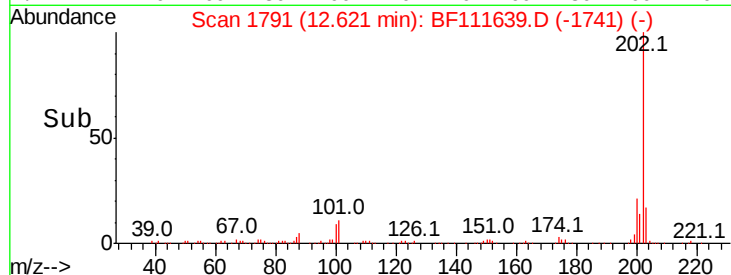
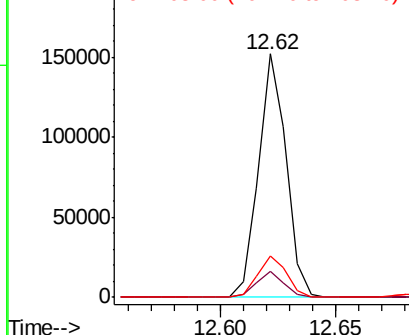


Abundance

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

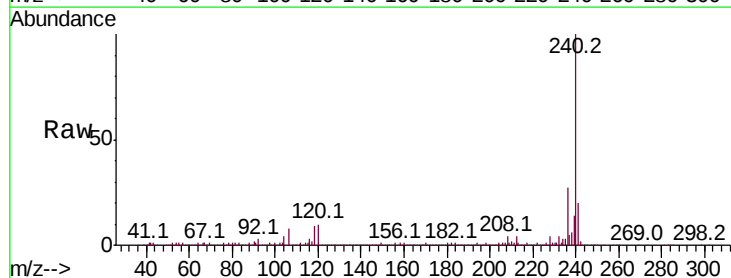
RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF111639.D

Acq: 20 Dec 2018 15:07

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.3	12.2	18.2#
236	26.6	20.2	30.2

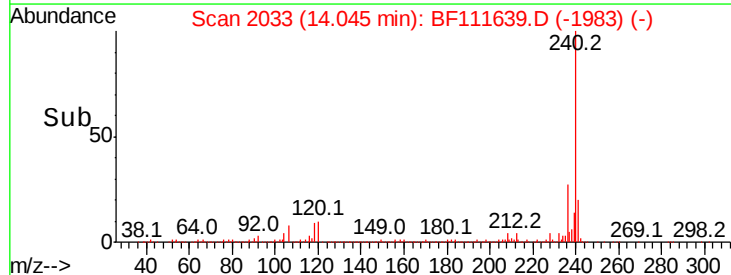
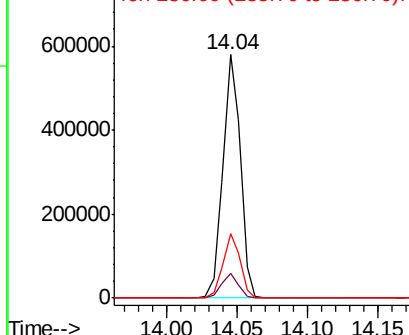


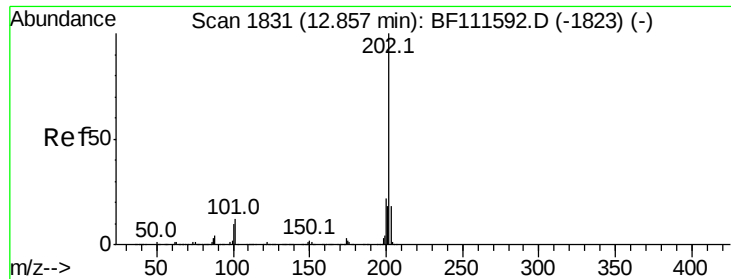
Abundance

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





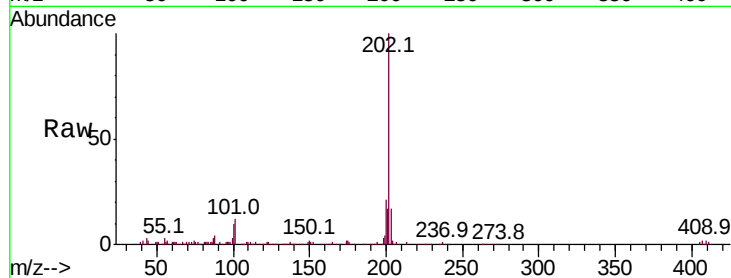
#78
Pvrene
Concen: 3.335 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF111639.D
Acq: 20 Dec 2018 15:07

Instrument :
BNA_F
ClientSampleId :
HOUSE-WALL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.8	19.0	28.4
203	16.8	15.2	22.8

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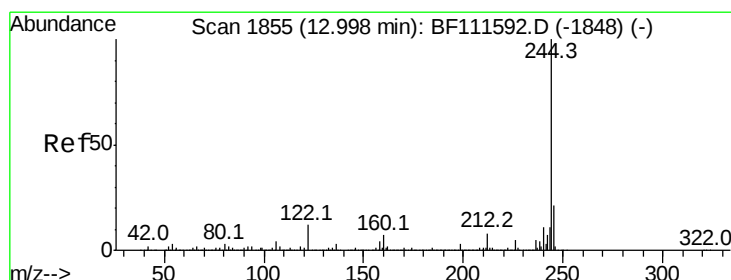
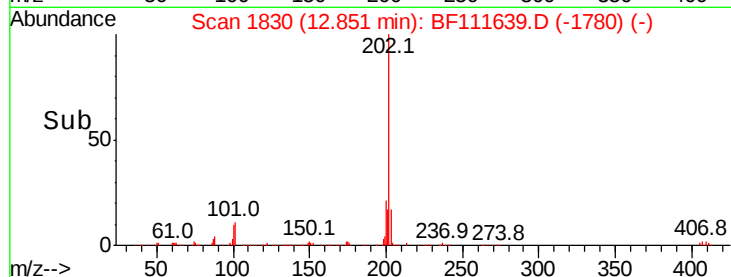
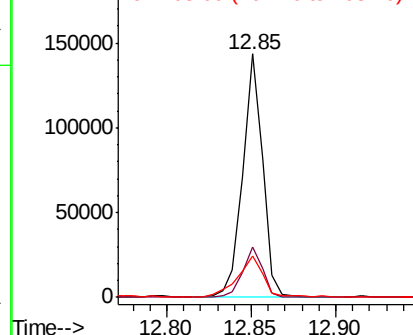


Abundance

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: 47.952 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF111639.D
Acq: 20 Dec 2018 15:07

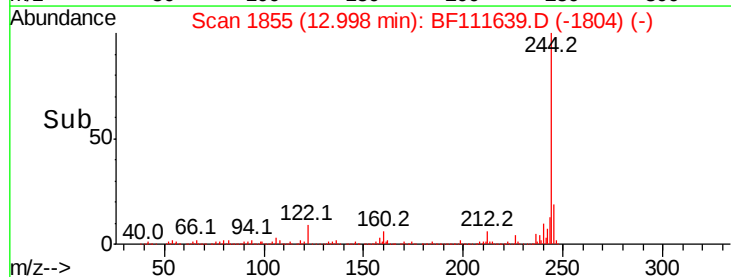
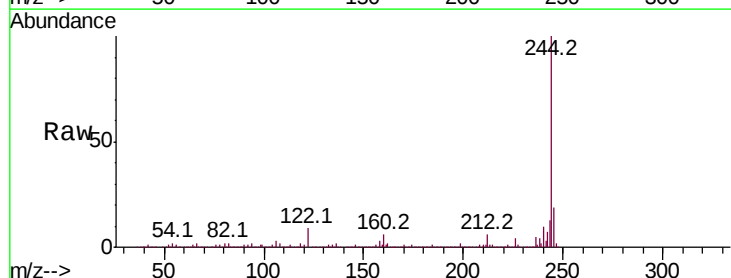
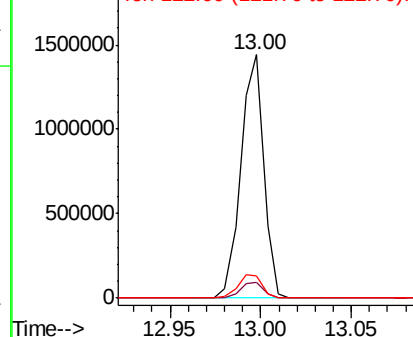
Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.5	5.7	8.5
122	9.3	13.1	19.7#

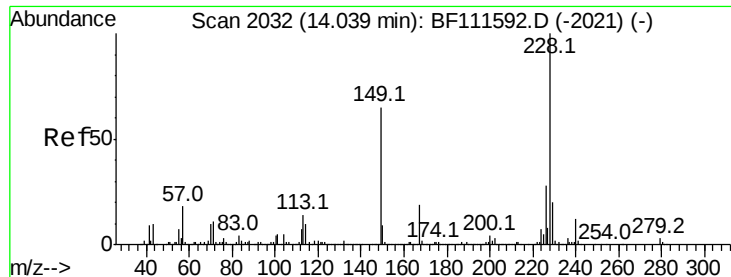
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 2.336 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF111639.D

Acq: 20 Dec 2018 15:07

Instrument :

BNA_F

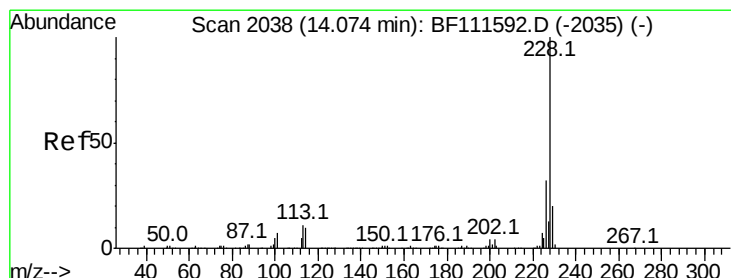
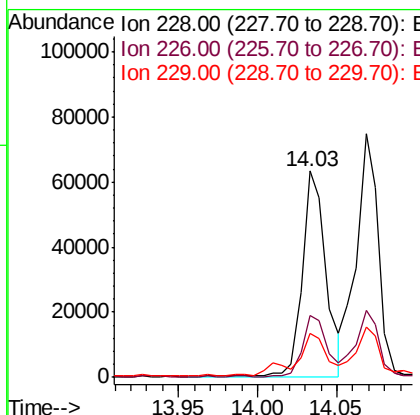
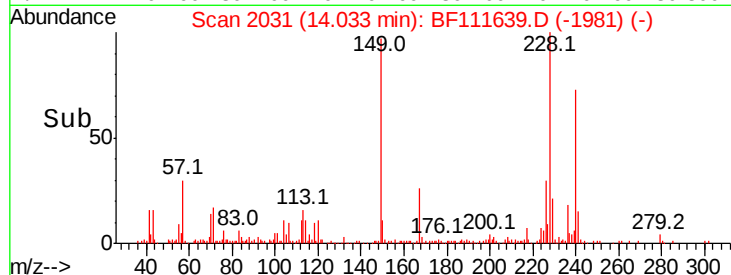
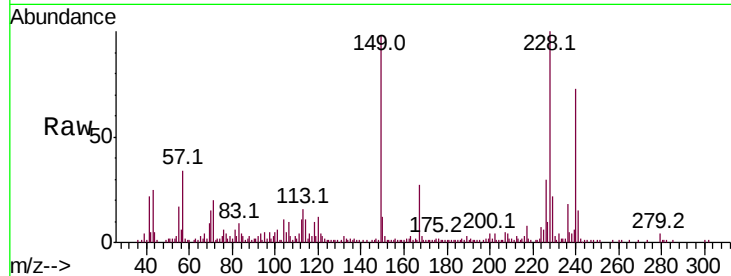
ClientSampleId :

HOUSE-WALL

Tot Ion:	228	Resp:	66606
Ion Ratio	Lower	Upper	
228	100		
226	29.7	22.6	34.0
229	21.6	16.3	24.5

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#83

Chrysene

Concen: 2.596 ng

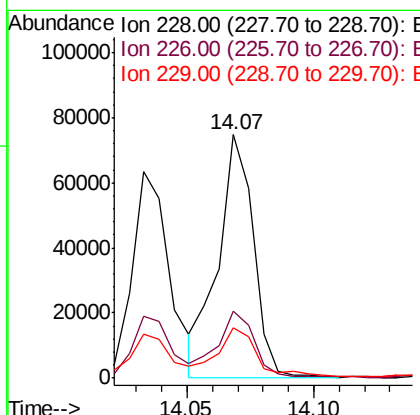
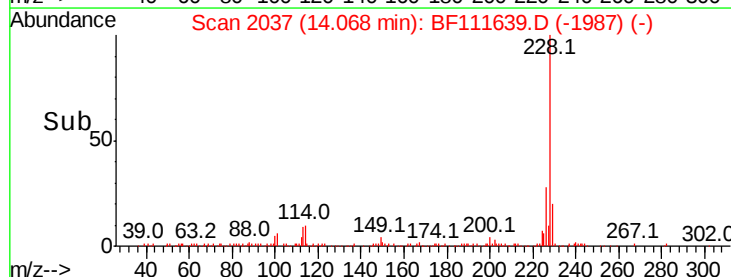
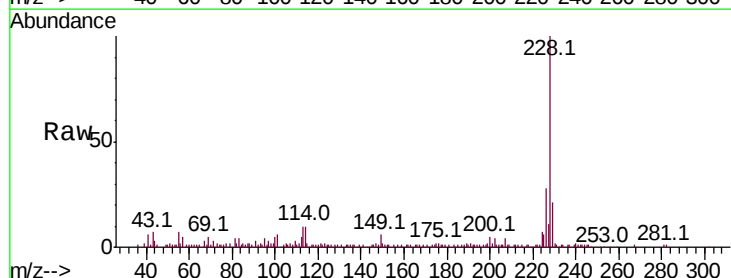
RT: 14.07 min Scan# 2037

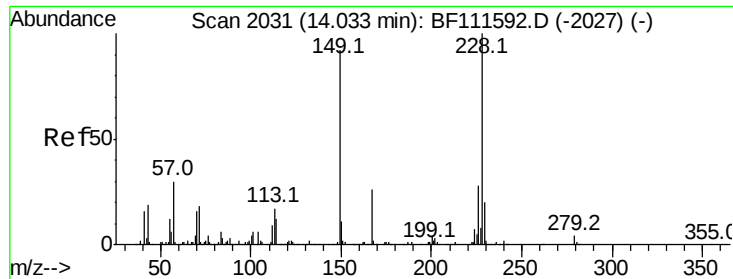
Delta R.T. -0.01 min

Lab File: BF111639.D

Acq: 20 Dec 2018 15:07

Tgt Ion:	228	Resp:	72761
Ion Ratio	Lower	Upper	
228	100		
226	27.6	25.3	37.9
229	20.5	17.2	25.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.837 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF111639.D

Acq: 20 Dec 2018 15:07

Instrument :

BNA_F

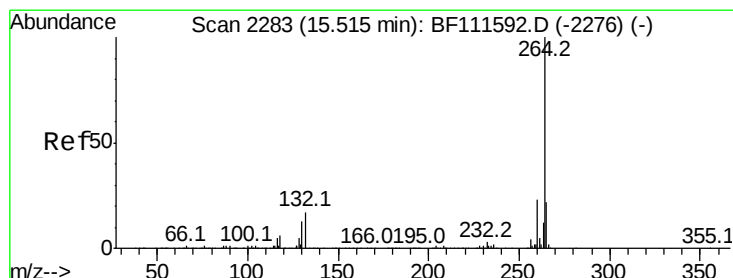
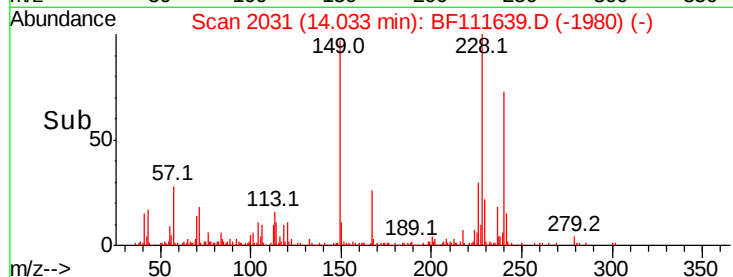
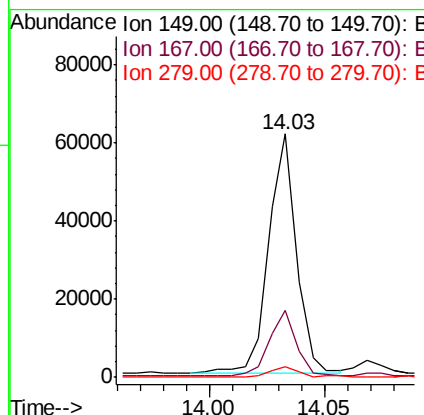
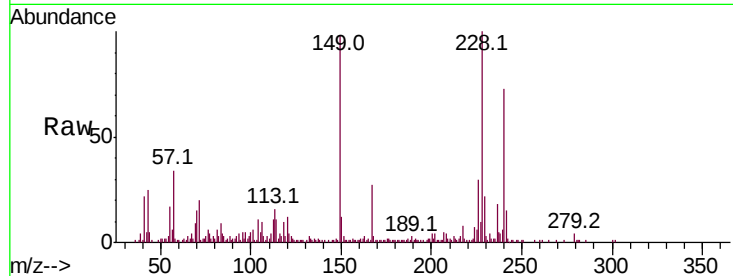
ClientSampleId :

HOUSE-WALL

Tot Ion:	149	Resp:	51399
Ion Ratio	Lower	Upper	
149	100		
167	27.3	22.5	33.7
279	4.6	2.6	4.0#

Manual Integrations
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#87

Perylene-d12

Concen: 20.000 ng

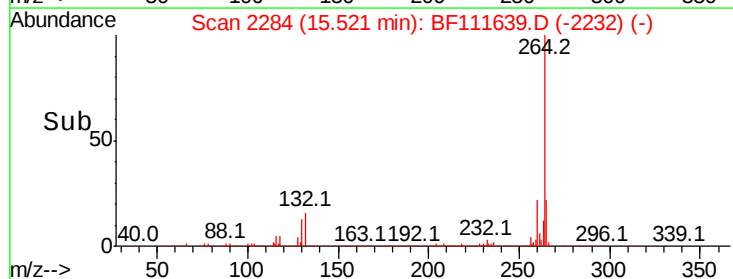
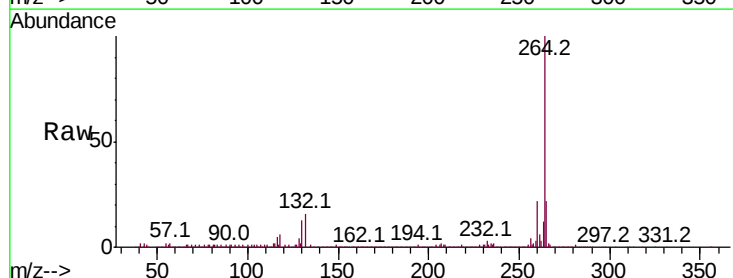
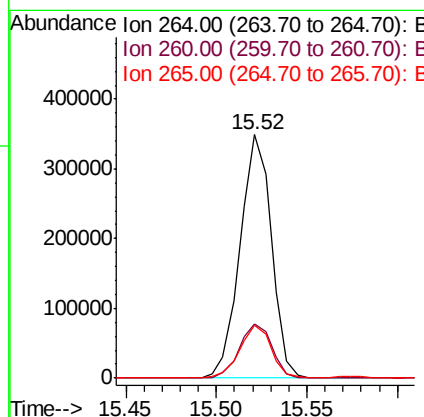
RT: 15.52 min Scan# 2284

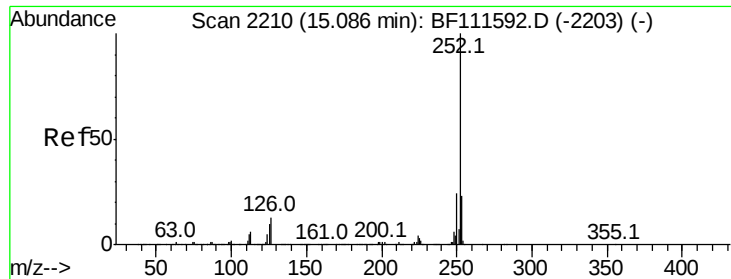
Delta R.T. 0.01 min

Lab File: BF111639.D

Acq: 20 Dec 2018 15:07

Tgt Ion:	264	Resp:	420118
Ion Ratio	Lower	Upper	
264	100		
260	22.4	18.3	27.5
265	21.7	17.7	26.5





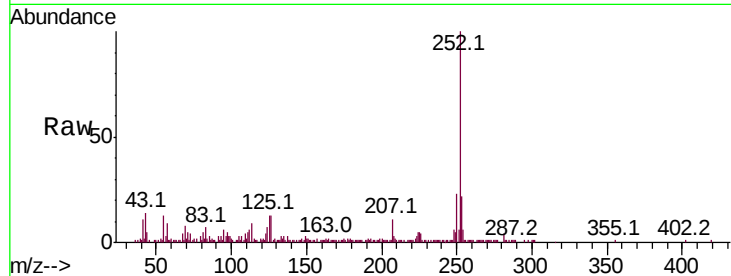
#88
Benzo(b)fluoranthene
Concen: 3.654 ng m
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF111639.D
Acq: 20 Dec 2018 15:07

Instrument :
BNA_F
ClientSampleId :
HOUSE-WALL

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	12.8	10.4	15.6

Manual Integrations
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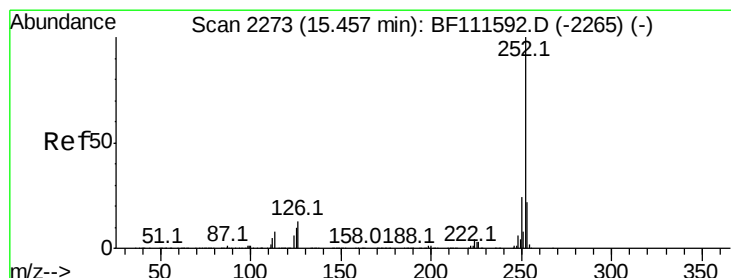
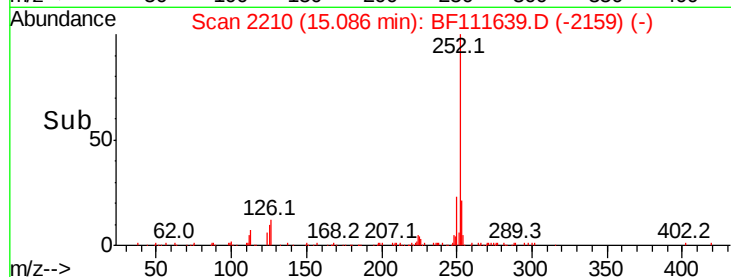
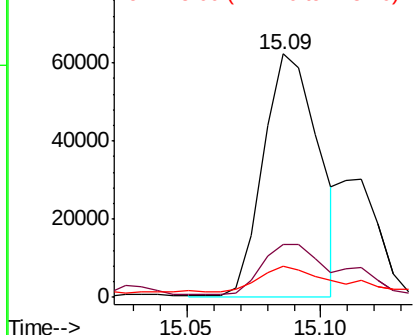


Abundance

Ion 252.00 (251.70 to 252.70): E

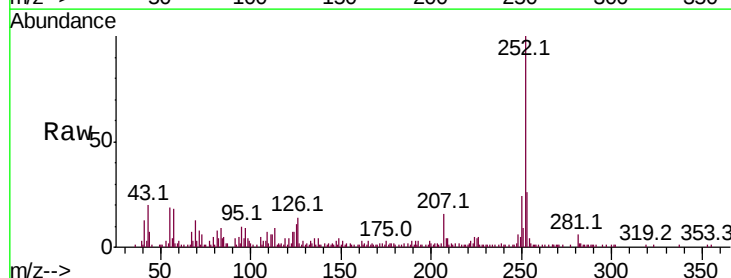
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 2.473 ng m
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF111639.D
Acq: 20 Dec 2018 15:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.8	26.8
125	11.2	12.3	18.5



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

