

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
 Data File : BF111617.D
 Acq On : 20 Dec 2018 3:42
 Operator : JU/SJ
 Sample : J6386-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS005-0006-01

Manual Integrations
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Sohil
 12/20/2018 12:42:41 PM

Quant Time: Dec 20 04:48:22 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	183918	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	664609	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	316348	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	560569	20.00	ng	0.00
76) Chrysene-d12	14.04	240	497351	20.00	ng	0.00
87) Perylene-d12	15.52	264	365073	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	801619	74.29	ng	0.00
7) Phenol-d6	6.52	99	1015266	73.94	ng	0.00
23) Nitrobenzene-d5	7.45	82	608454	53.29	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	263710	70.55	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1063954	49.02	ng	0.00
79) Terphenyl-d14	13.00	244	927269	35.36	ng	0.00
Target Compounds						
10) Phenol	6.53	94	60226	3.887	ng	92
50) Dimethylphthalate	9.64	163	120508	5.209	ng	97
80) Butylbenzylphthalate	13.47	149	140023	9.781	ng	91
88) Benzo(b)fluoranthene	15.09	252	85656m	4.015	ng	
90) Benzo(a)pyrene	15.46	252	43039	2.220	ng	96
92) Benzo(g,h,i)perylene	17.44	276	33484	2.020	ng	# 86

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

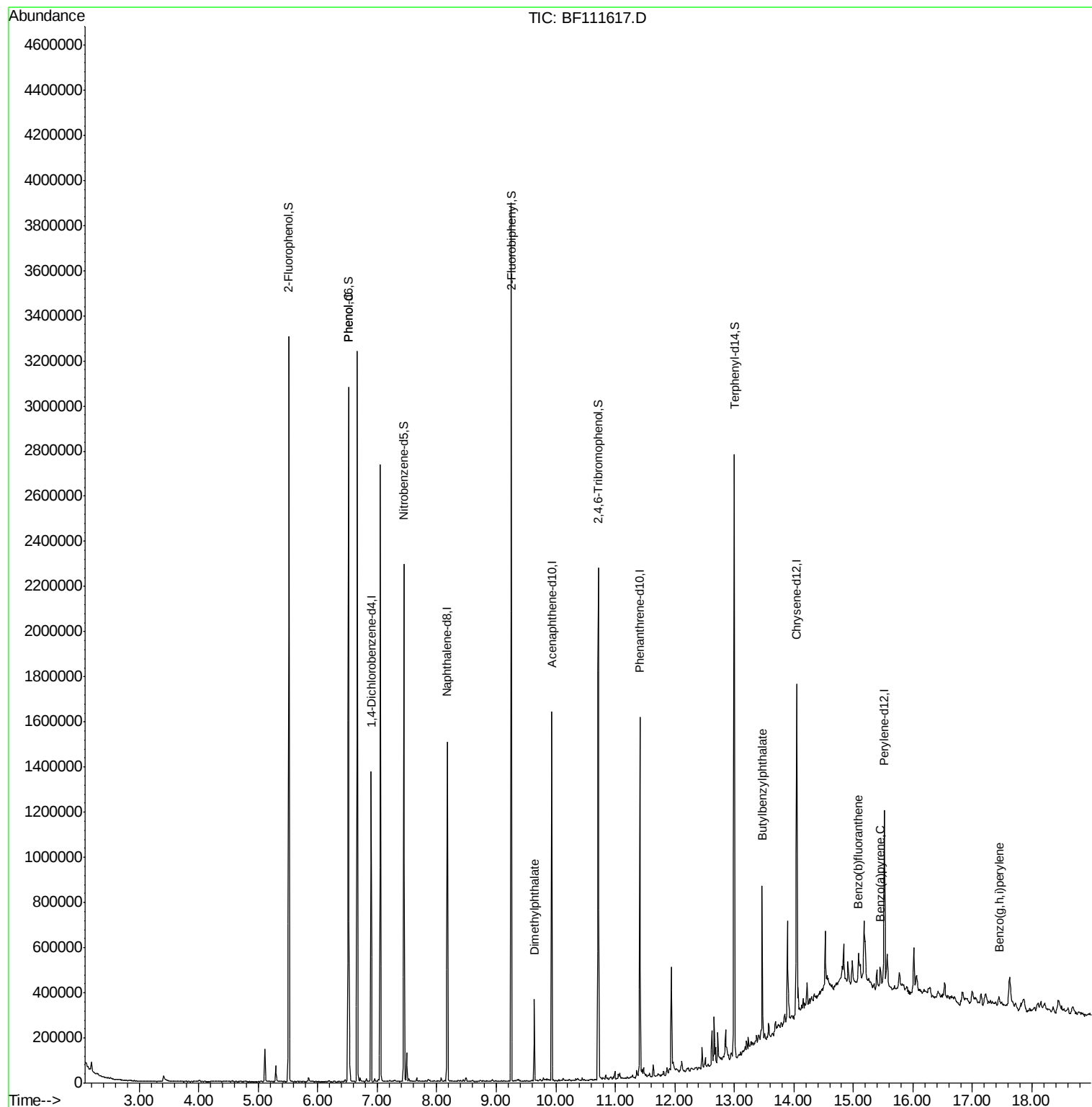
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111617.D
Acq On : 20 Dec 2018 3:42
Operator : JU/SJ
Sample : J6386-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

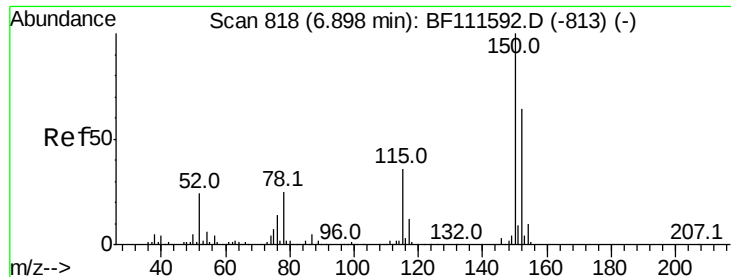
Instrument :
BNA_F
ClientSampleId :
P001-SS005-0006-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

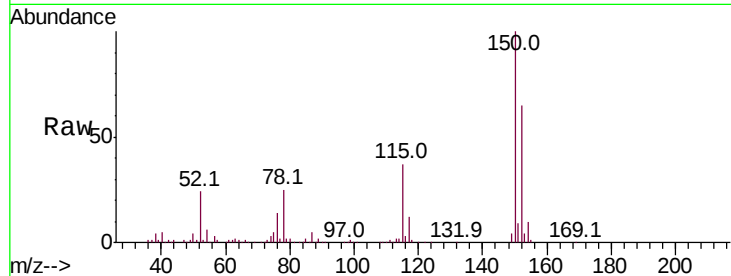
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111617.D
Acq: 20 Dec 2018 3:42

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0006-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.6	189.8
115	56.9	50.7	76.1

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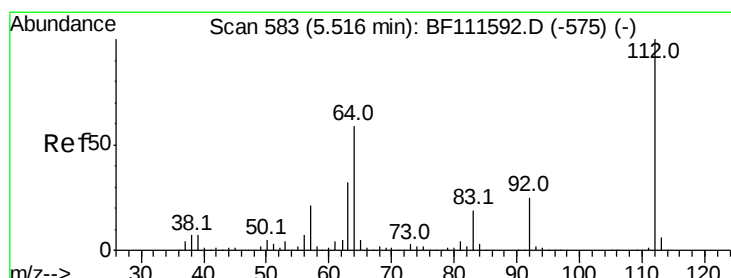
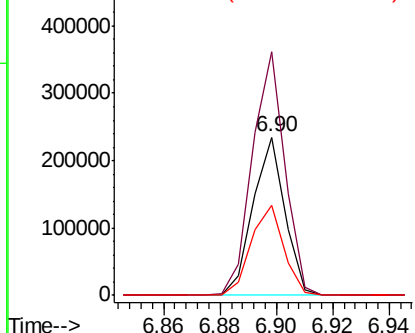
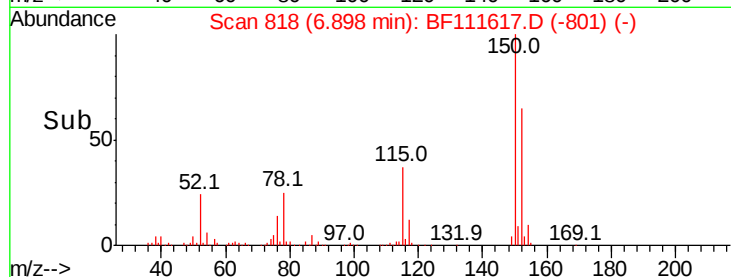


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

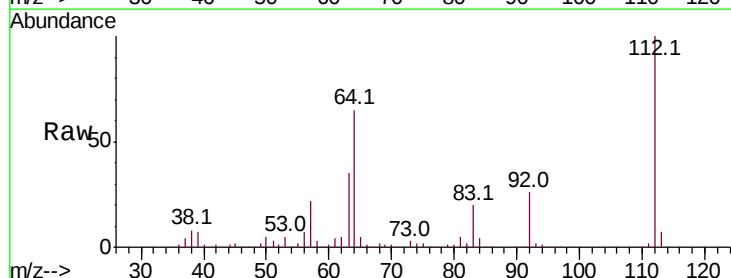
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 74.293 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF111617.D
Acq: 20 Dec 2018 3:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.1	51.8	77.6
63	34.5	26.8	40.2

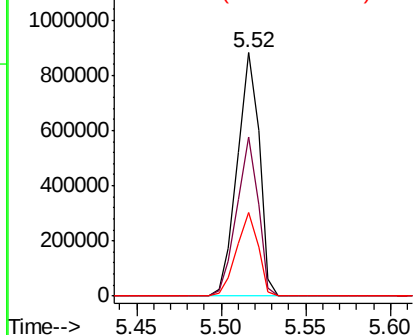
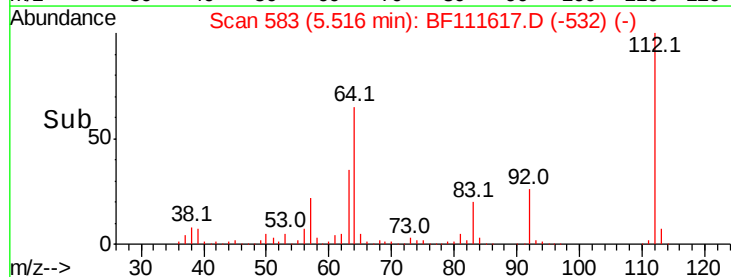


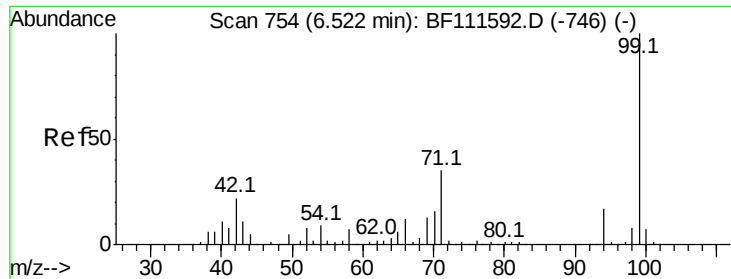
Abundance

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: 73.935 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF111617.D

Acq: 20 Dec 2018 3:42

Instrument :

BNA_F

ClientSampleId :

P001-SS005-0006-01

Tot Ion: 99 Resp: 1015266

Ion Ratio Lower Upper

99 100

42 21.2 17.4 26.0

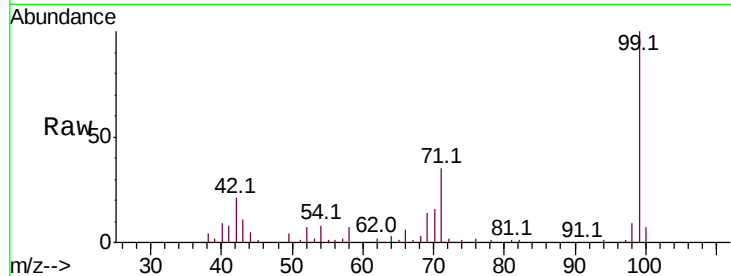
71 34.9 26.1 39.1

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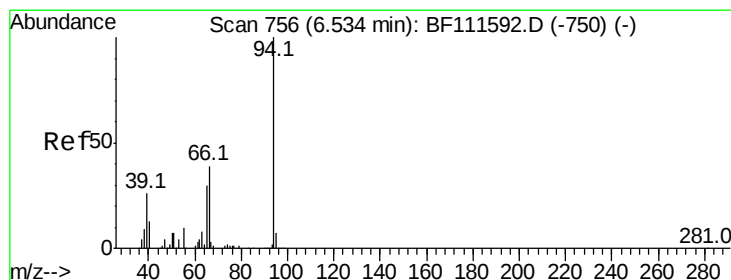
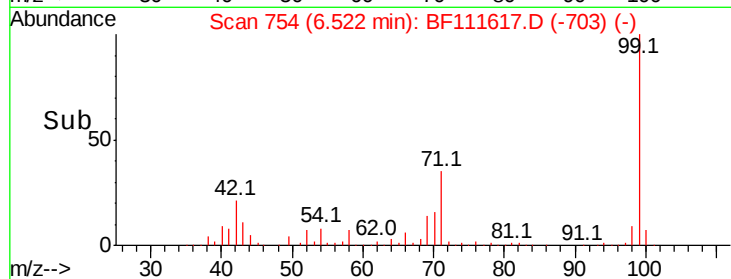
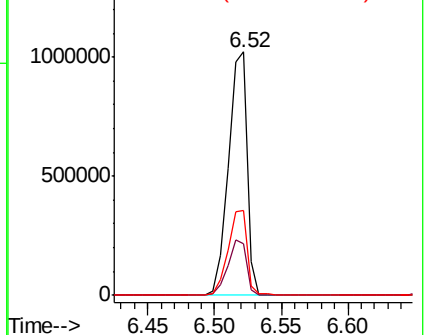
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.887 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111617.D

Acq: 20 Dec 2018 3:42

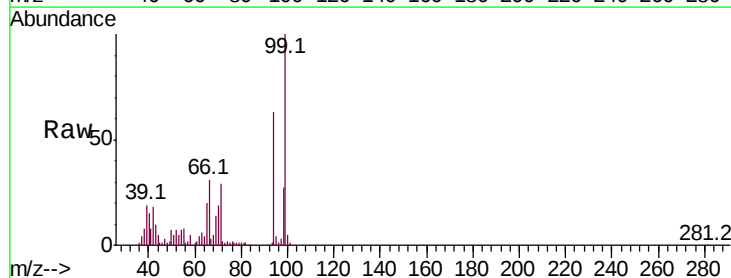
Tgt Ion: 94 Resp: 60226

Ion Ratio Lower Upper

94 100

65 32.6 11.7 51.7

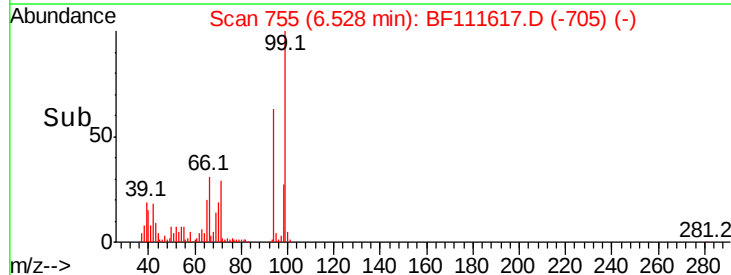
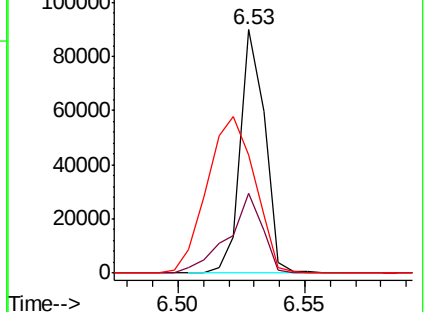
66 48.7 21.0 61.0

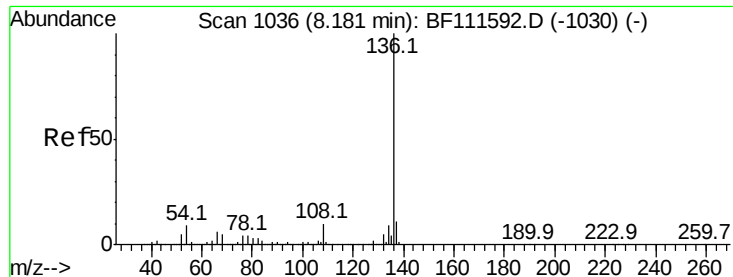


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





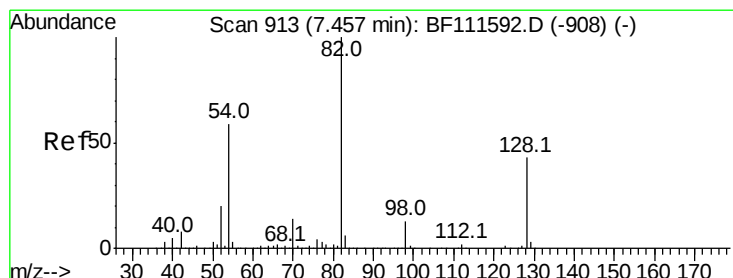
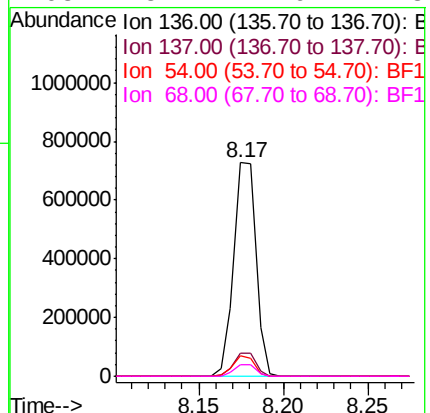
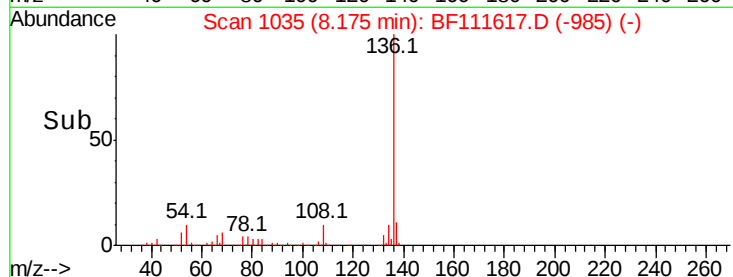
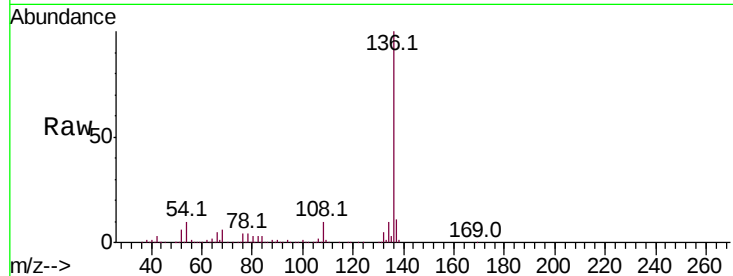
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111617.D
Acq: 20 Dec 2018 3:42

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0006-01

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.1	13.7	
54	9.9	7.7	11.5	
68	5.7	4.9	7.3	

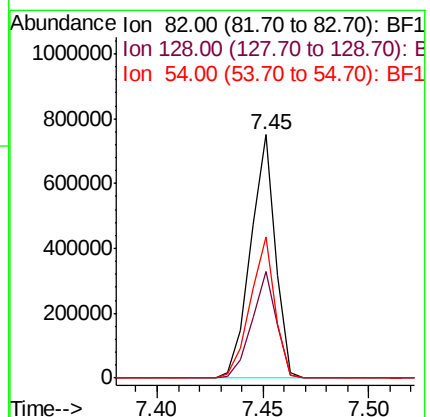
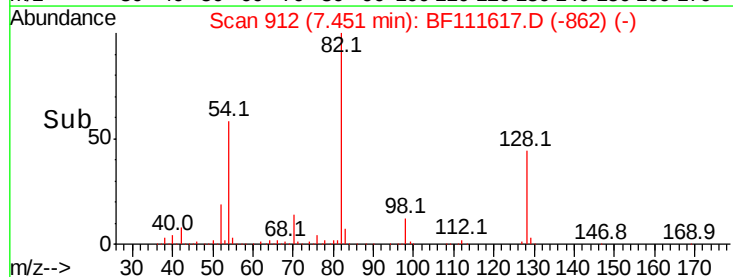
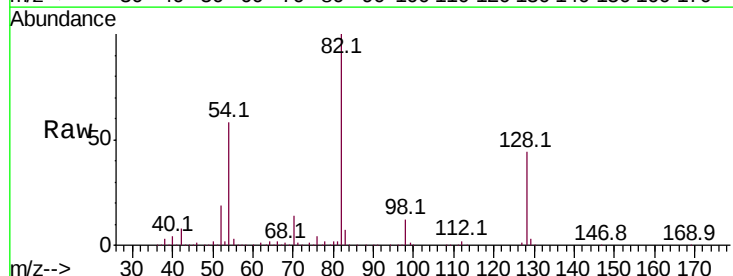
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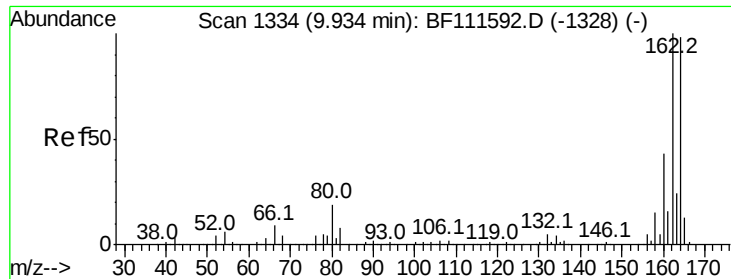
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#23
Nitrobenzene-d5
Concen: 53.290 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111617.D
Acq: 20 Dec 2018 3:42

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.0	37.4	56.2	
54	57.9	47.6	71.4	





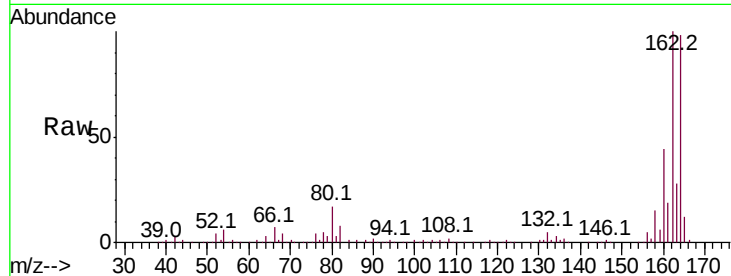
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111617.D
Acq: 20 Dec 2018 3:42

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0006-01

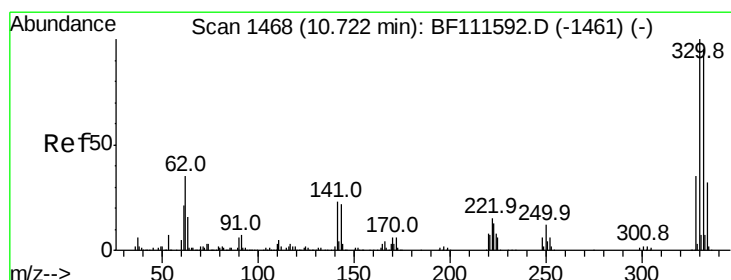
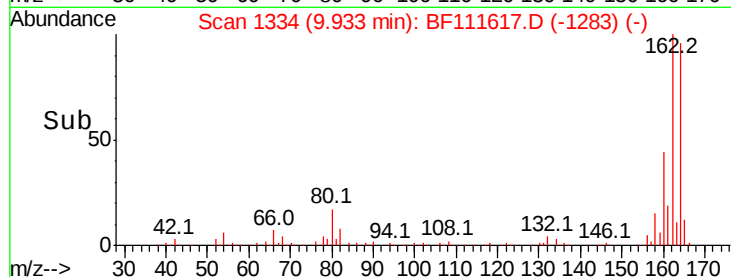
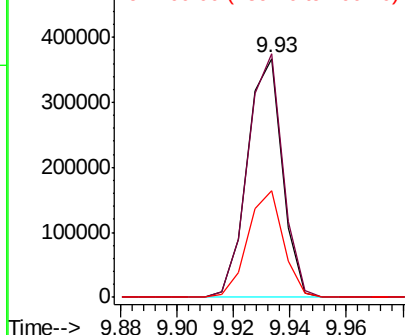
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.0	81.4	122.0	
160	44.5	35.7	53.5	

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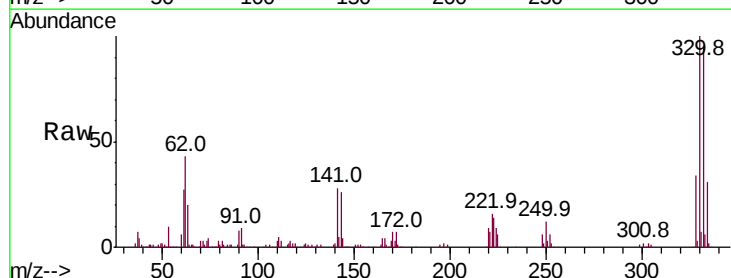


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

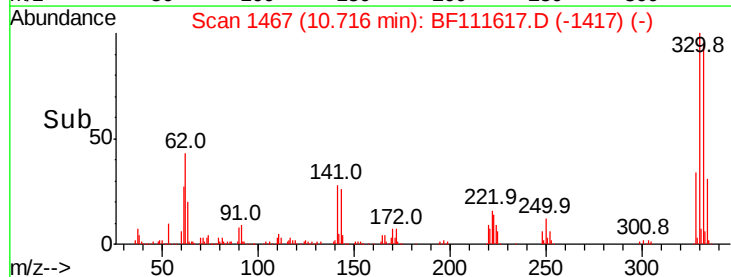
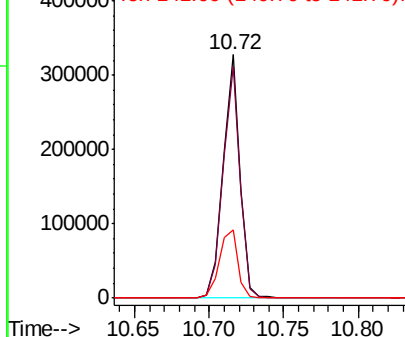


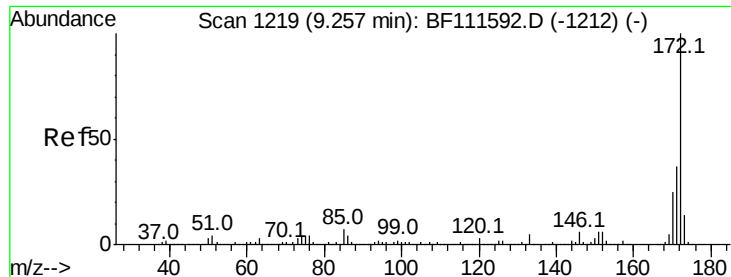
#42
2,4,6-Tribromophenol
Concen: 70.550 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111617.D
Acq: 20 Dec 2018 3:42

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	76.0	114.0	
141	30.7	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





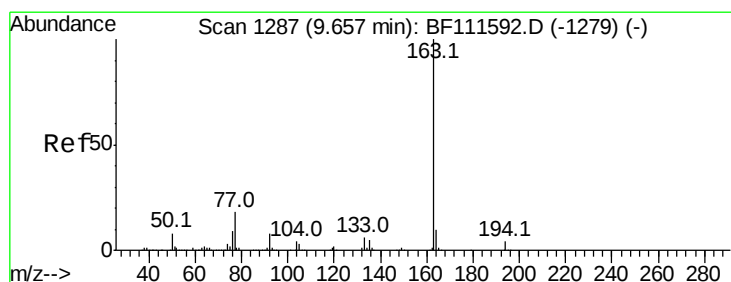
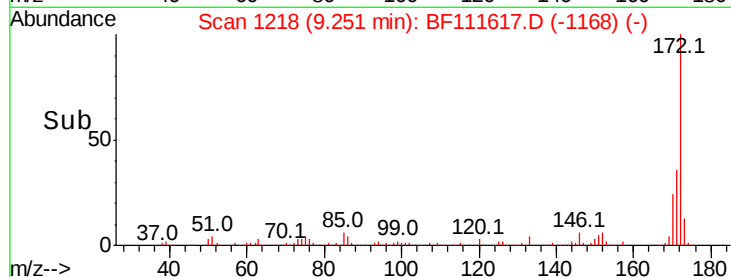
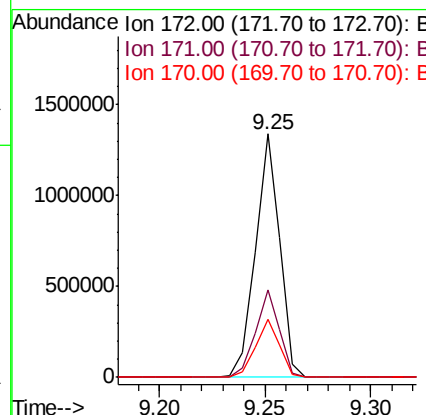
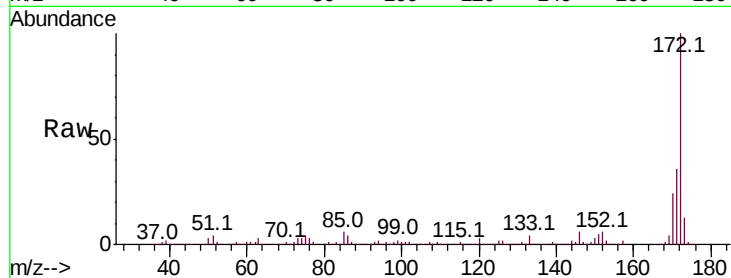
#45
2-Fluorobiphenyl
Concen: 49.022 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111617.D
Acq: 20 Dec 2018 3:42

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0006-01

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	33.0	49.4
170	24.1	22.3	33.5

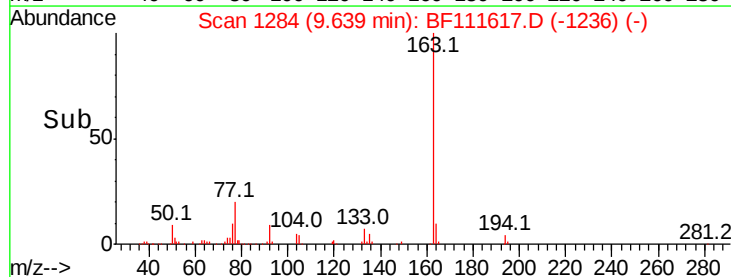
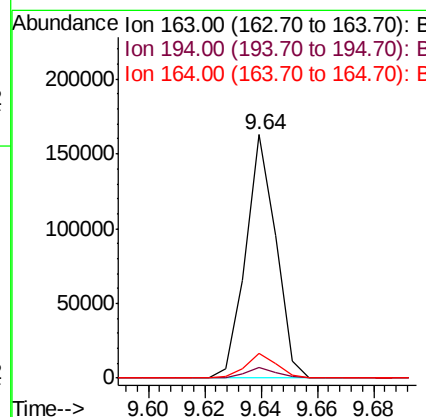
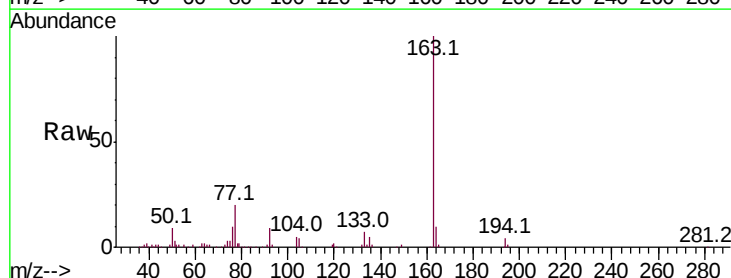
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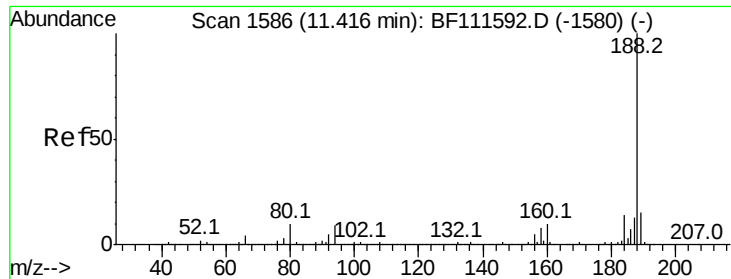
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#50
Dimethylphthalate
Concen: 5.209 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111617.D
Acq: 20 Dec 2018 3:42

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.6
164	10.0	8.9	13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF111617.D

Acq: 20 Dec 2018 3:42

Instrument :

BNA_F

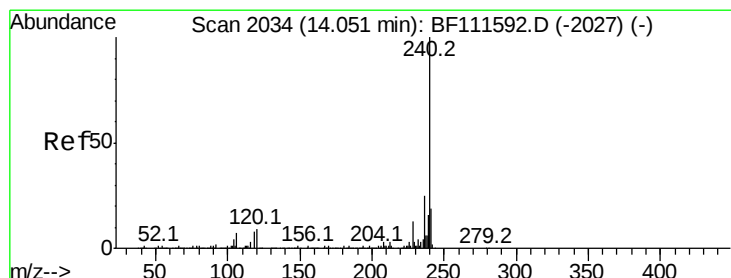
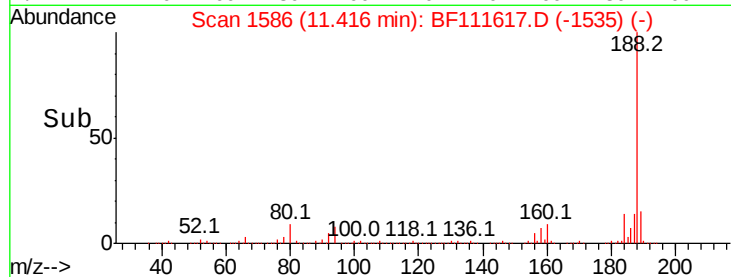
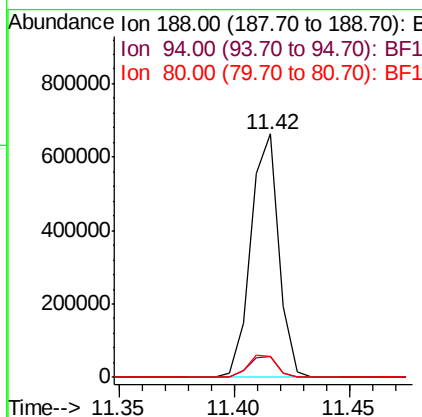
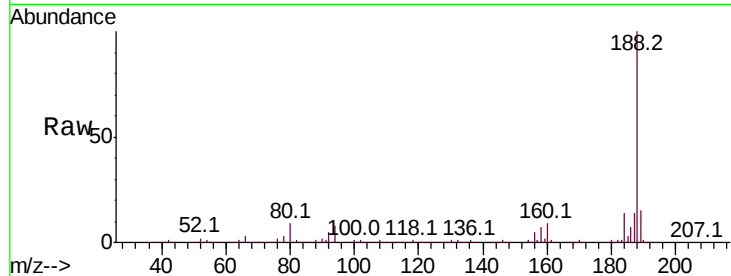
ClientSampleId :

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Tot Ion:188	Resp: 560569
Ion Ratio Lower Upper	
188 100	
94 8.3 9.6 14.4#	
80 8.5 9.8 14.6#	

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#76

Chrysene-d12

Concen: 20.000 ng

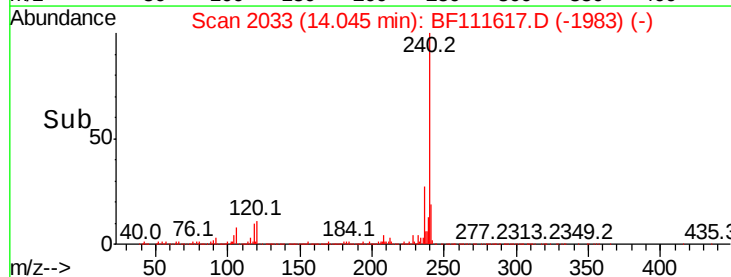
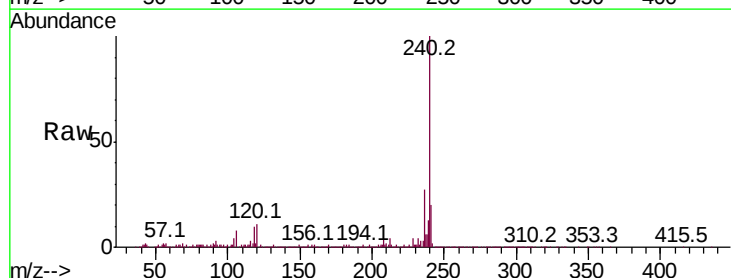
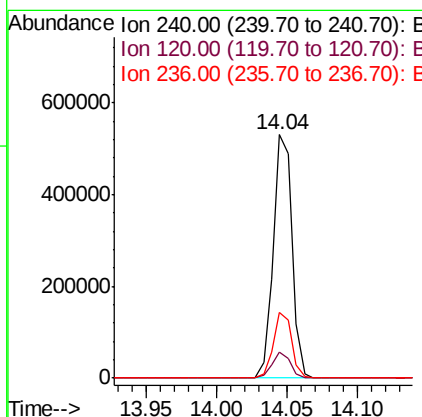
RT: 14.04 min Scan# 2033

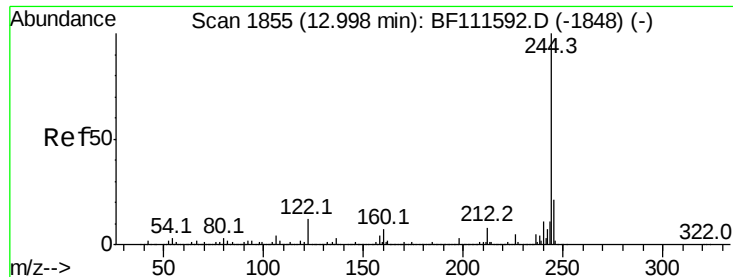
Delta R.T. -0.01 min

Lab File: BF111617.D

Acq: 20 Dec 2018 3:42

Tgt Ion:240	Resp: 497351
Ion Ratio Lower Upper	
240 100	
120 10.9 12.2 18.2#	
236 26.9 20.2 30.2	





#79

Terphenyl-d14

Concen: 35.357 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111617.D

Acq: 20 Dec 2018 3:42

Instrument :

BNA_F

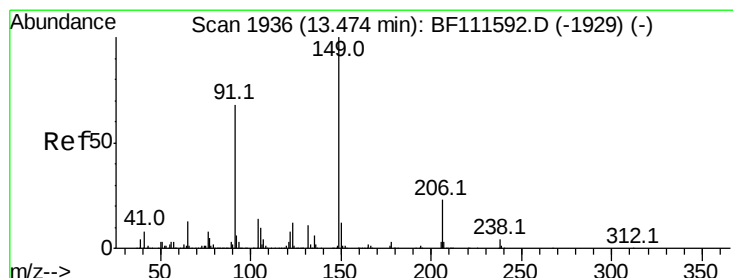
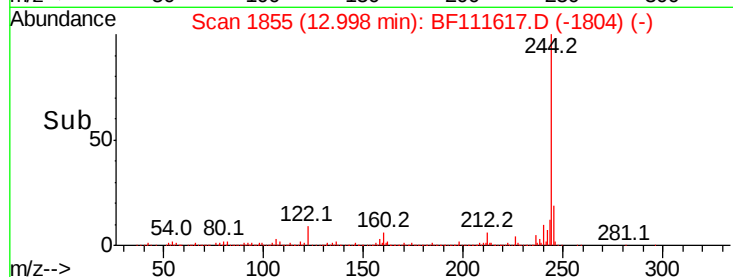
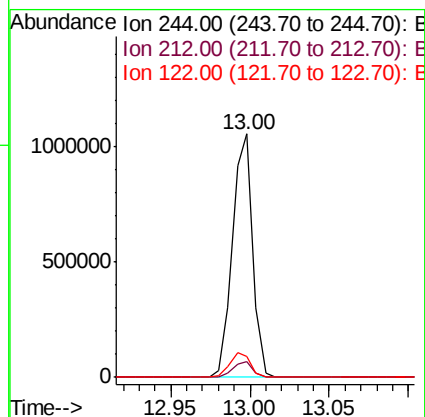
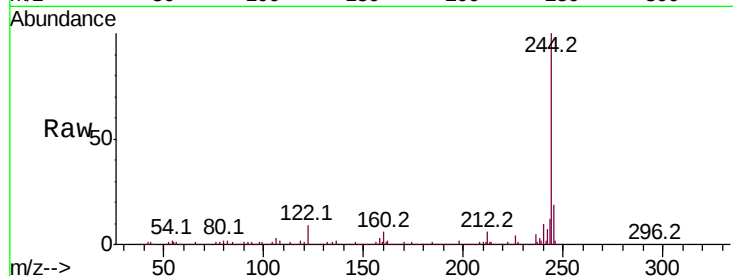
ClientSampleId :

P001-SS005-0006-01

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	8.6	13.1	19.7

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#80

Butylbenzylphthalate

Concen: 9.781 ng

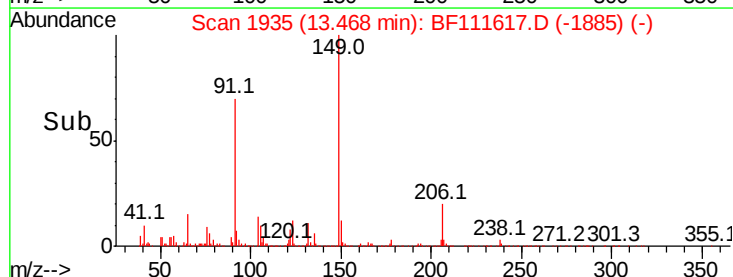
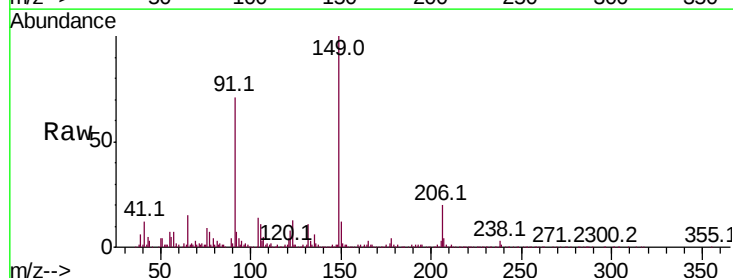
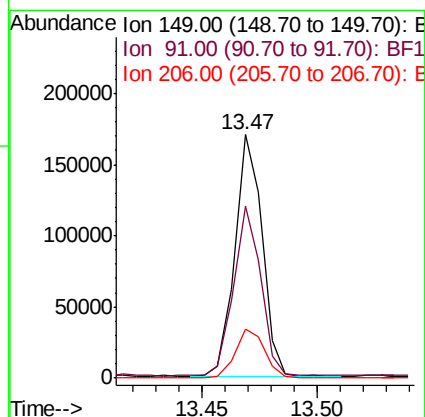
RT: 13.47 min Scan# 1935

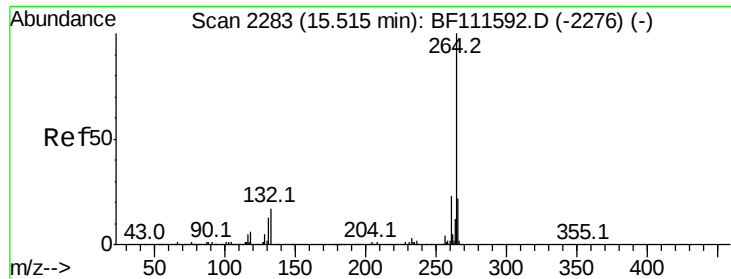
Delta R.T. -0.01 min

Lab File: BF111617.D

Acq: 20 Dec 2018 3:42

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.7	63.8	95.6
206	20.0	15.1	22.7





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. 0.01 min

Lab File: BF111617.D

Acq: 20 Dec 2018 3:42

Instrument :

BNA_F

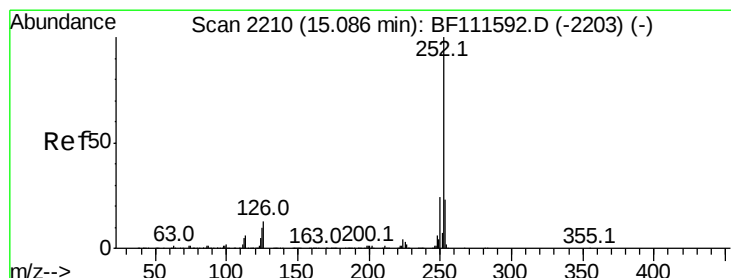
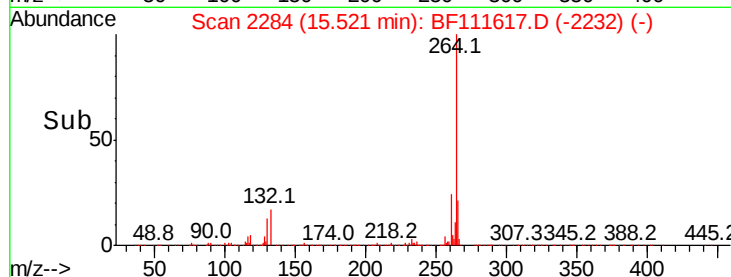
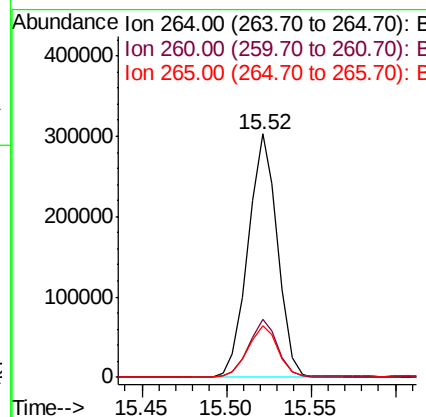
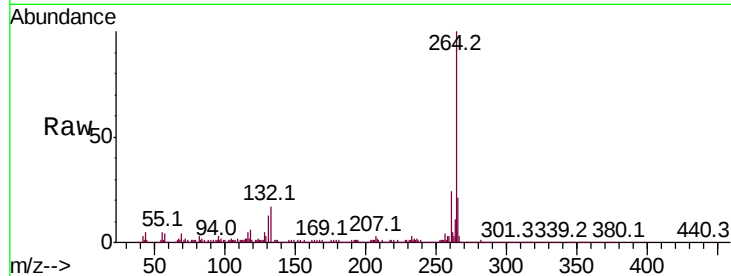
ClientSampleId :

P001-SS005-0006-01

Tot Ion:	264	Resp:	365073
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.3	27.5
265	21.5	17.7	26.5

Manual Integrations
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Sohil
12/20/2018 12:42:41 PM



#88

Benzo(b)fluoranthene

Concen: 4.015 ng m

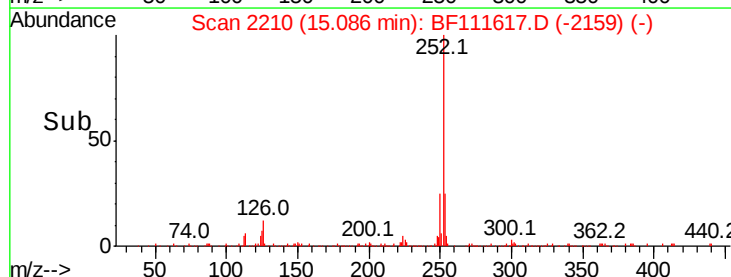
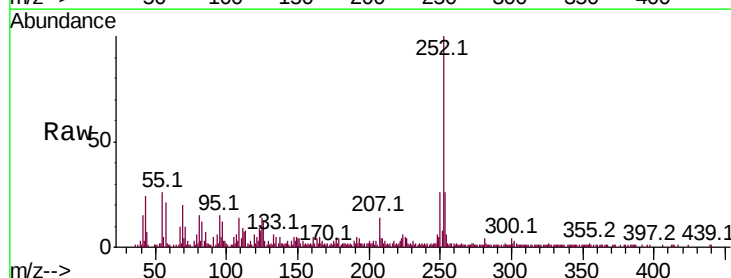
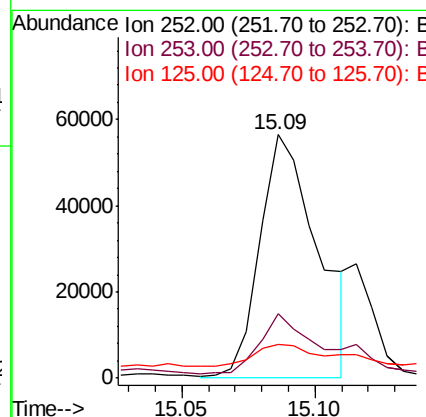
RT: 15.09 min Scan# 2210

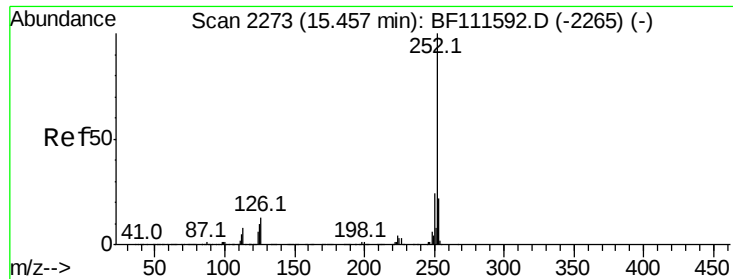
Delta R.T. -0.00 min

Lab File: BF111617.D

Acq: 20 Dec 2018 3:42

Tgt Ion:	252	Resp:	85656
Ion Ratio	Lower	Upper	
252	100		
253	26.4	18.2	27.2
125	13.6	10.4	15.6





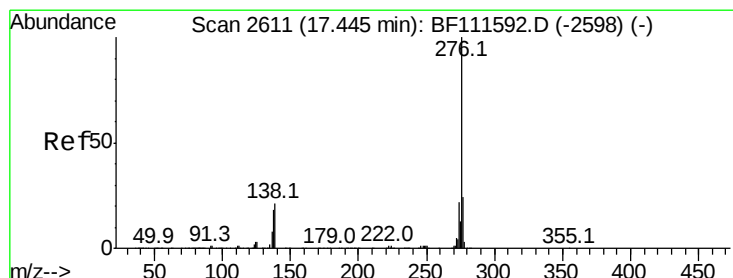
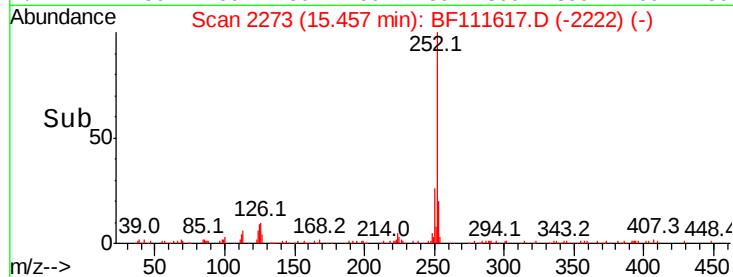
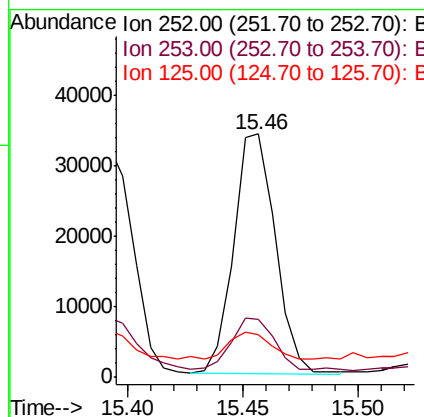
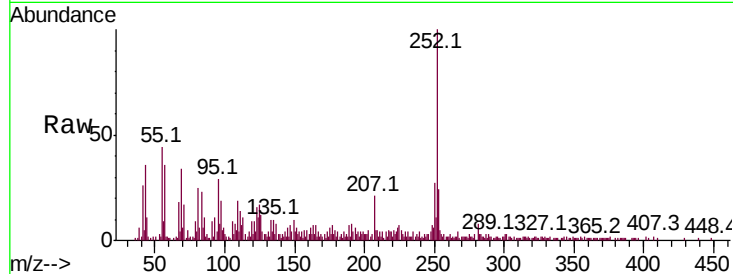
#90
Benzo(a)pyrene
Concen: 2.220 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF111617.D
Acq: 20 Dec 2018 3:42

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0006-01

Tot Ion:252	Resp:	43039
Ion Ratio	Lower	Upper
252 100		
253 23.8	17.8	26.8
125 17.4	12.3	18.5

Manual Integrations
APPROVED

Sohil
12/20/2018 12:42:41 PM



#92
Benzo(g,h,i)perylene
Concen: 2.020 ng
RT: 17.44 min Scan# 2611
Delta R.T. -0.00 min
Lab File: BF111617.D
Acq: 20 Dec 2018 3:42

Tgt Ion:276	Resp:	33484
Ion Ratio	Lower	Upper
276 100		
277 28.1	19.2	28.8
138 21.2	24.9	37.3#

