

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020119\
 Data File : BF112358.D
 Acq On : 1 Feb 2019 18:18
 Operator : JU/SJ
 Sample : K1297-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A0C17-SS2

Manual Integrations
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 2/4/2019 12:43:22 PM

Quant Time: Feb 02 00:31:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	166029	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	601164	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	262908	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	412025	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	360325	20.00	ng	-0.01
87) Perylene-d12	15.47	264	375392	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	932395	119.28	ng	0.00
7) Phenol-d6	6.49	99	1127333	103.79	ng	0.00
23) Nitrobenzene-d5	7.40	82	725352	69.52	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	276911	90.49	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1164895	62.67	ng	-0.01
79) Terphenyl-d14	12.94	244	812290	42.46	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	25377	2.130	ng	83
50) Dimethylphthalate	9.58	163	96673	4.733	ng	98
71) Phenanthrene	11.38	178	84077	3.925	ng	98
75) Fluoranthene	12.57	202	132495	5.767	ng	96
78) Pyrene	12.80	202	112800	4.522	ng	99
81) Benzo(a)anthracene	13.99	228	67327	3.179	ng	98
83) Chrysene	14.03	228	67426	3.335	ng	96
88) Benzo(b)fluoranthene	15.04	252	91798m	4.089	ng	
90) Benzo(a)pyrene	15.40	252	62113	3.075	ng	# 94
92) Benzo(g,h,i)perylene	17.39	276	32640	2.125	ng	94

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

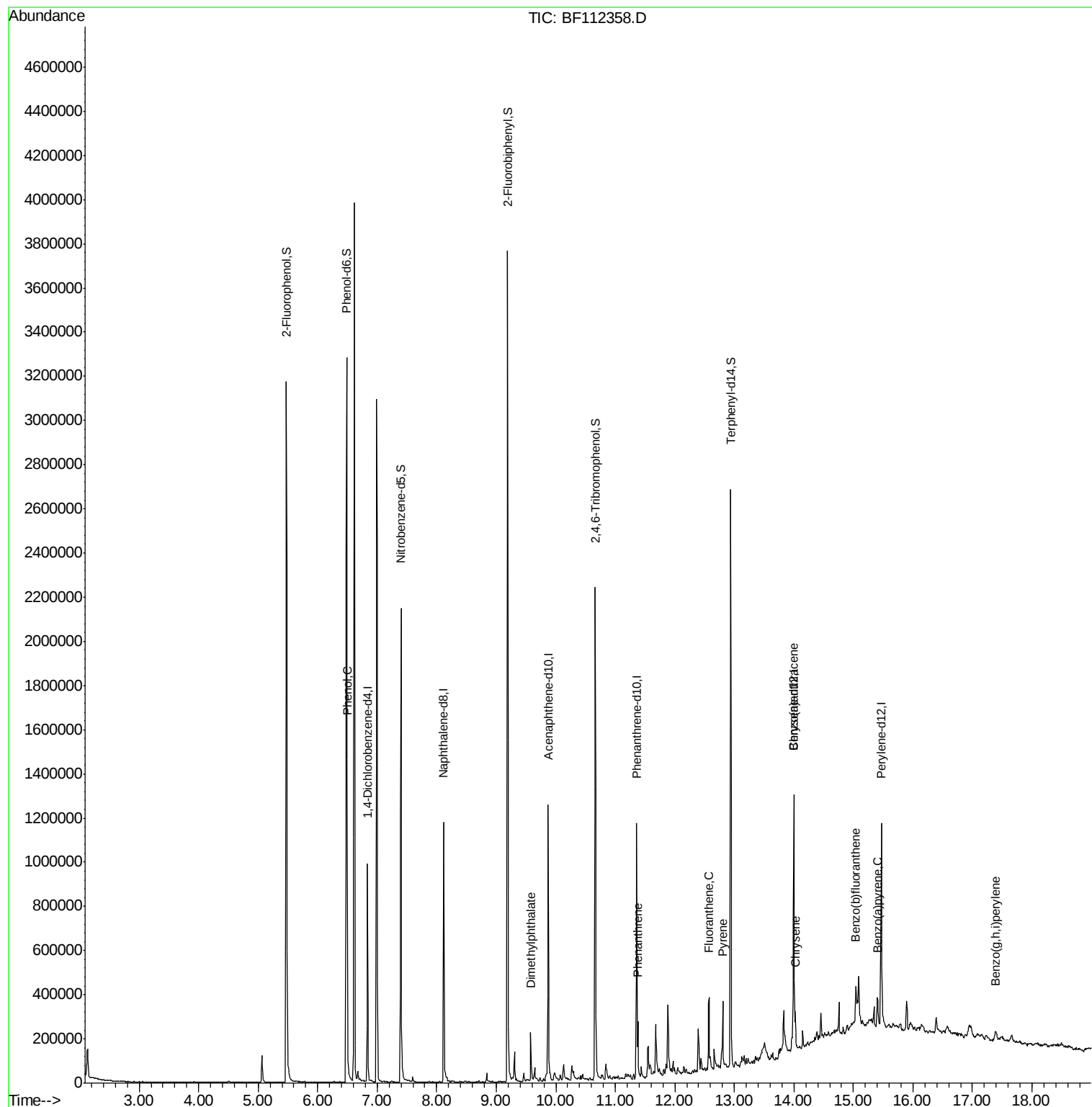
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020119\
Data File : BF112358.D
Acq On : 1 Feb 2019 18:18
Operator : JU/SJ
Sample : K1297-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

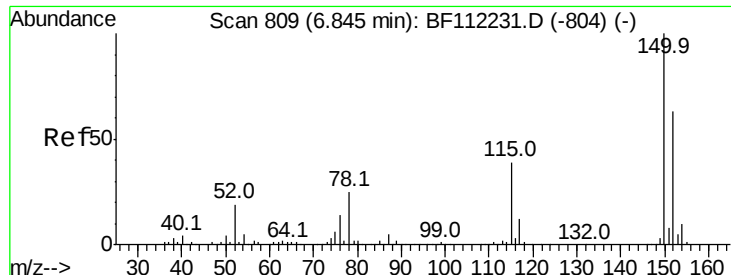
Instrument :
BNA_F
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A0C17-SS2

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

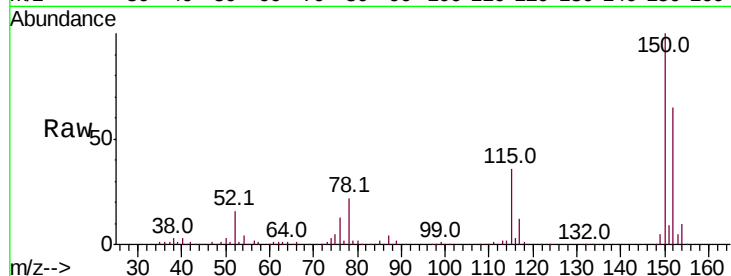
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Instrument :
BNA_F
ClientSampleId :
A0C17-SS2

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	127.4	191.0
115	55.0	45.5	68.3

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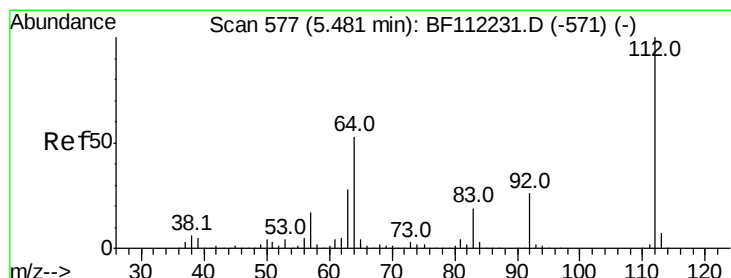
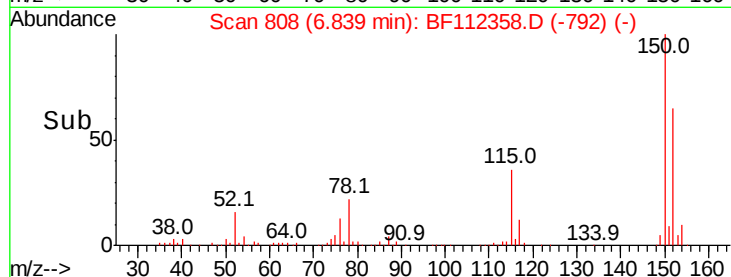
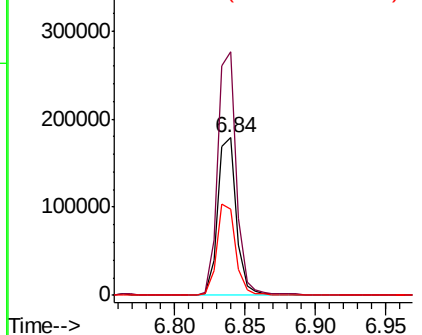


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

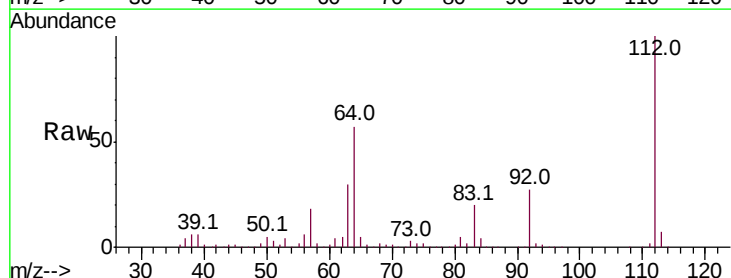
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 119.284 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	45.7	68.5
63	30.2	23.6	35.4

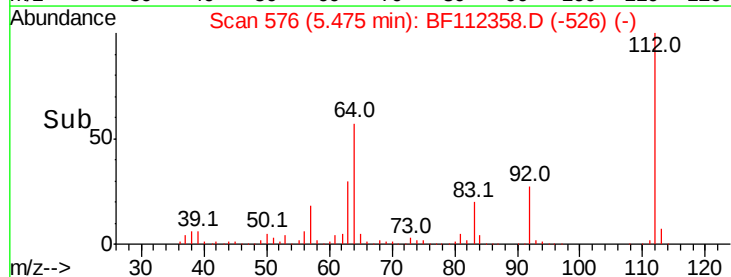
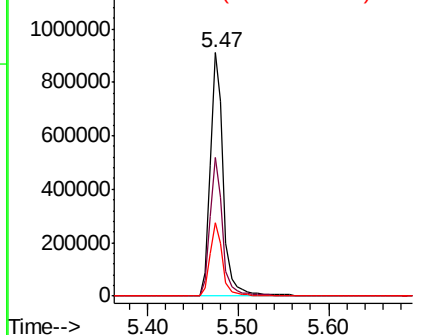


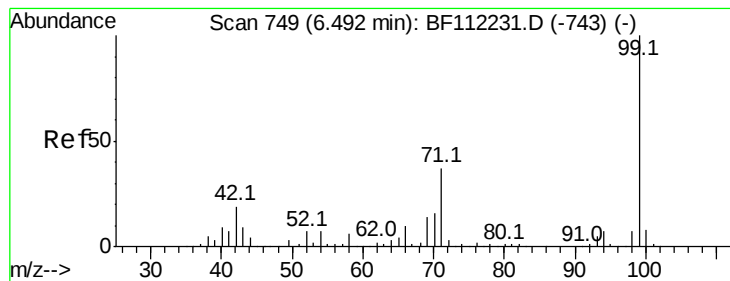
Abundance

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: 103.791 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112358.D

Acq: 1 Feb 2019 18:18

Instrument :

BNA_F

ClientSampleId :

A0C17-SS2

Tot Ion: 99 Resp: 1127333

Ion Ratio Lower Upper

99 100

42 19.0 15.1 22.7

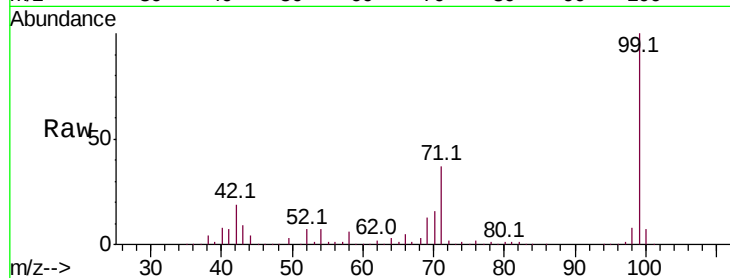
71 36.6 26.9 40.3

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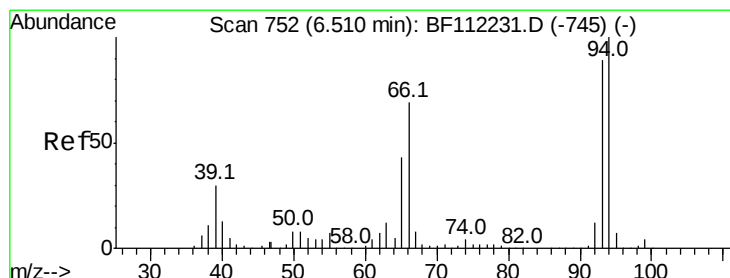
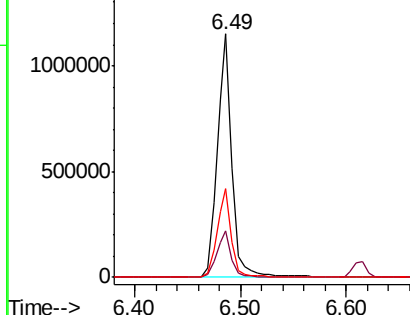
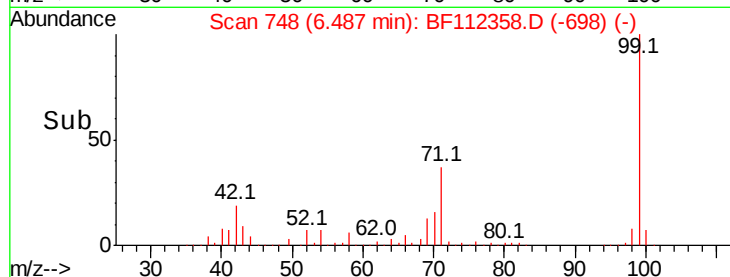


Abundance

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: 2.130 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112358.D

Acq: 1 Feb 2019 18:18

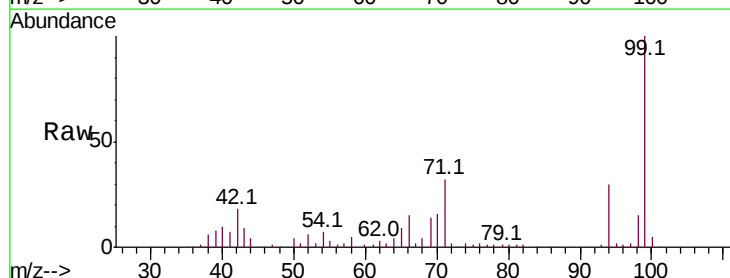
Tgt Ion: 94 Resp: 25377

Ion Ratio Lower Upper

94 100

65 30.0 20.3 60.3

66 49.1 42.4 82.4

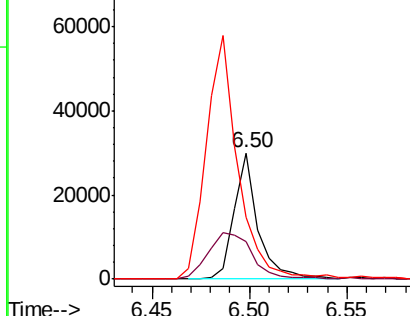
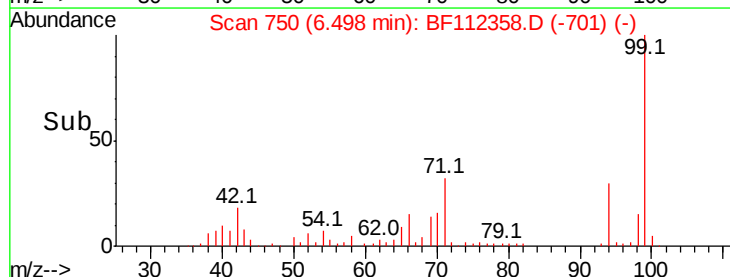


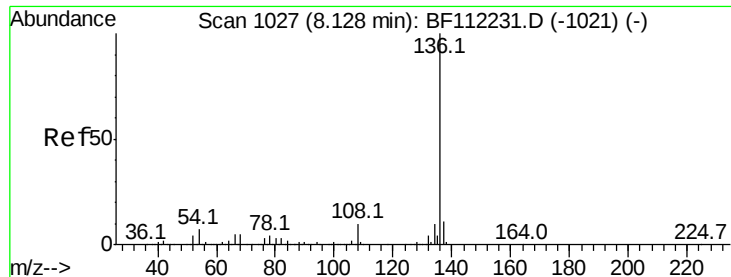
Abundance

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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112358.D

Acq: 1 Feb 2019 18:18

Instrument :

BNA_F

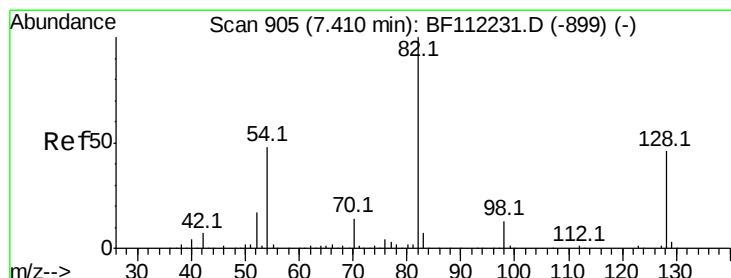
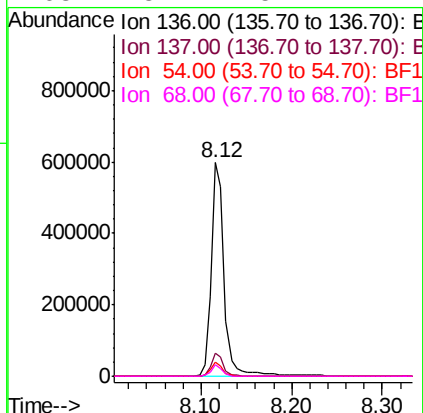
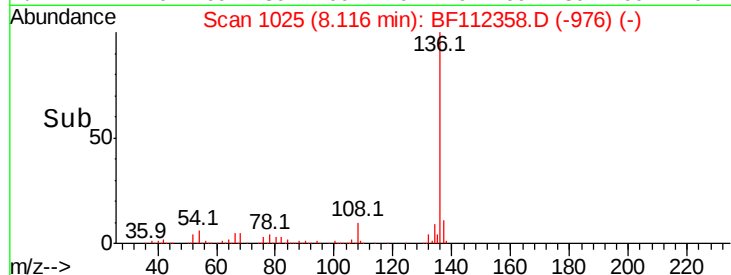
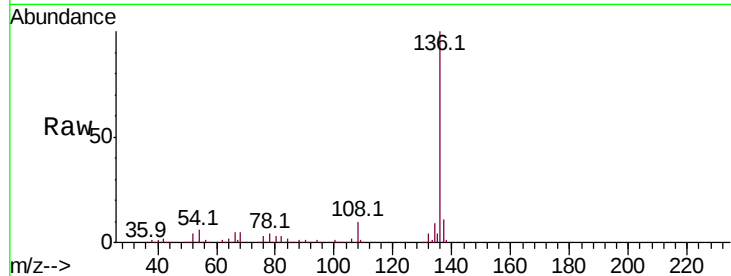
ClientSampleId :

A0C17-SS2

Tot Ion	Ratio	Resp	Lower	Upper
136	100	601164		
137	11.0	9.1	13.7	
54	6.4	5.9	8.9	
68	5.2	5.1	7.7	

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#23

Nitrobenzene-d5

Concen: 69.523 ng

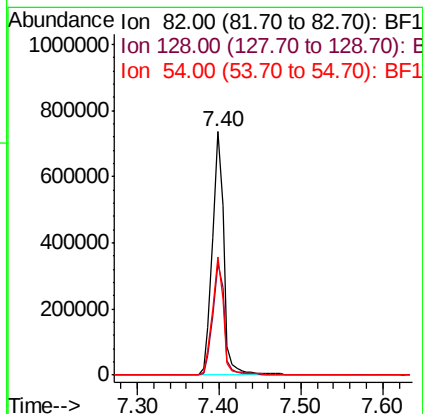
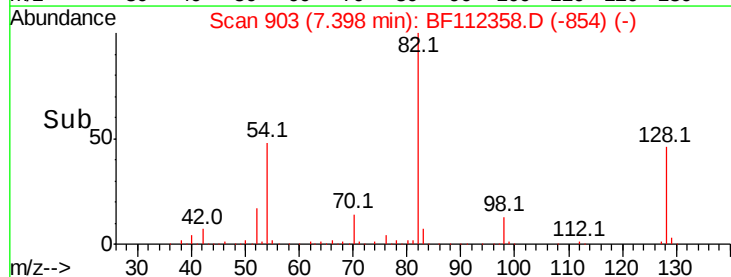
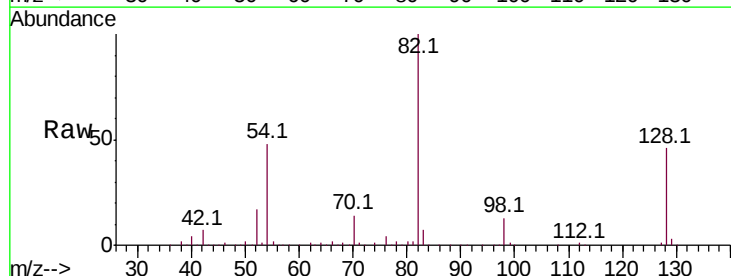
RT: 7.40 min Scan# 903

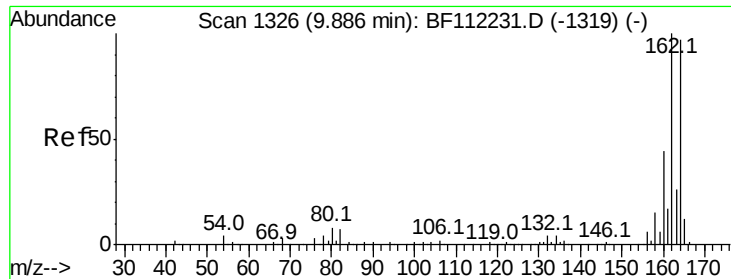
Delta R.T. -0.01 min

Lab File: BF112358.D

Acq: 1 Feb 2019 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	725352		
128	45.9	37.8	56.8	
54	48.4	39.7	59.5	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF112358.D

Acq: 1 Feb 2019 18:18

Instrument :

BNA_F

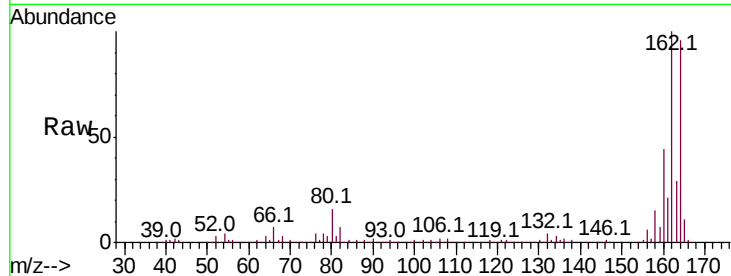
ClientSampleId :

A0C17-SS2

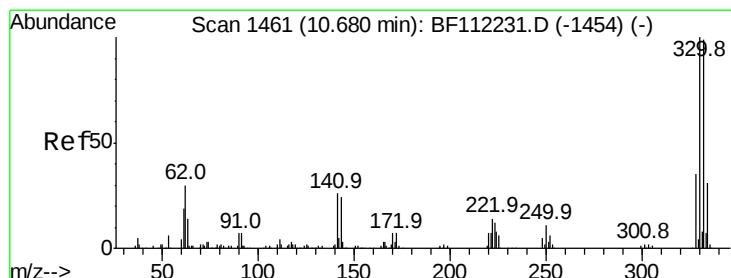
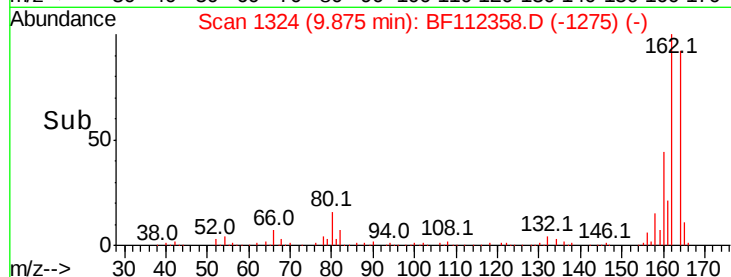
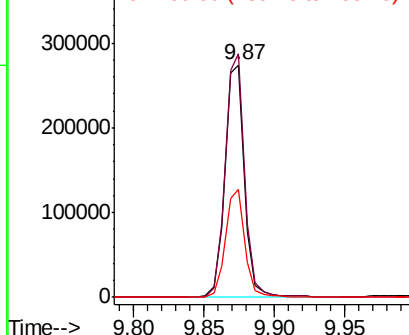
Tot Ion:	164	Resp:	262908
Ion Ratio	Lower	Upper	
164	100		
162	104.7	82.2	123.4
160	46.2	36.2	54.4

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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: 90.489 ng

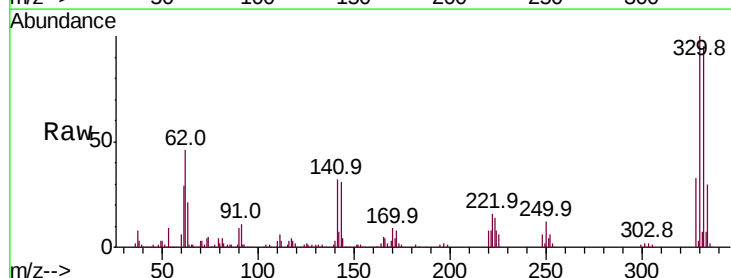
RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

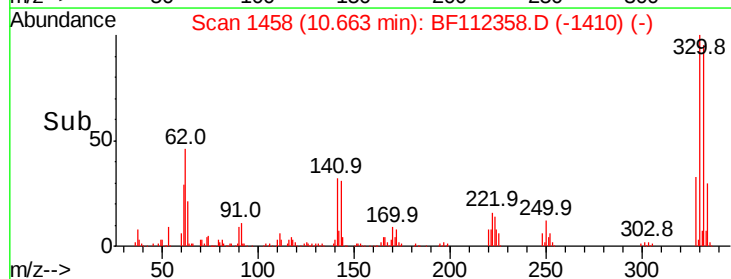
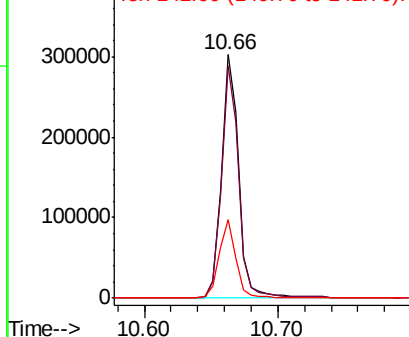
Lab File: BF112358.D

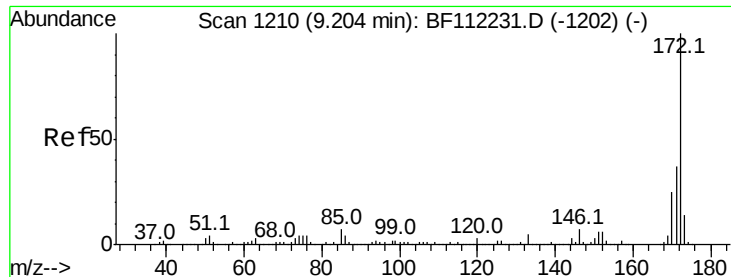
Acq: 1 Feb 2019 18:18

Tgt Ion:	330	Resp:	276911
Ion Ratio	Lower	Upper	
330	100		
332	96.6	76.6	114.8
141	31.9	24.3	36.5



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





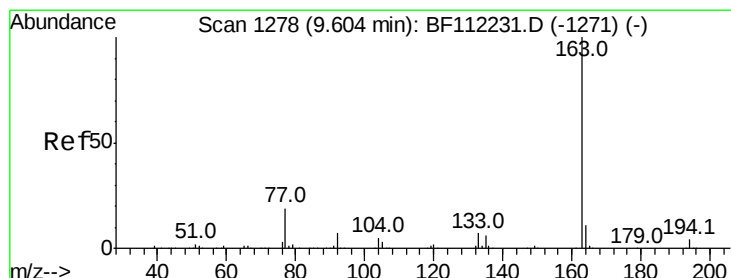
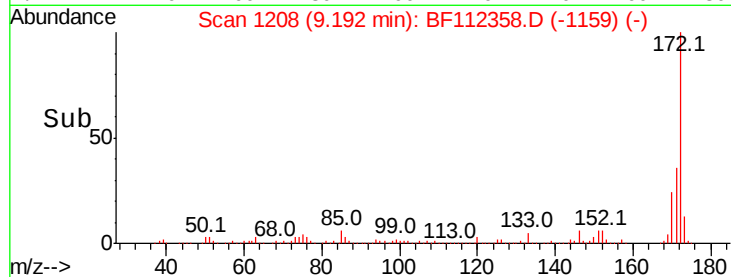
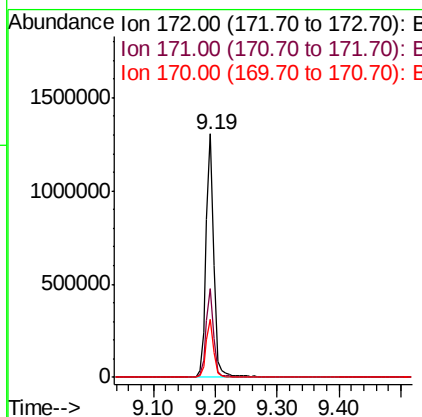
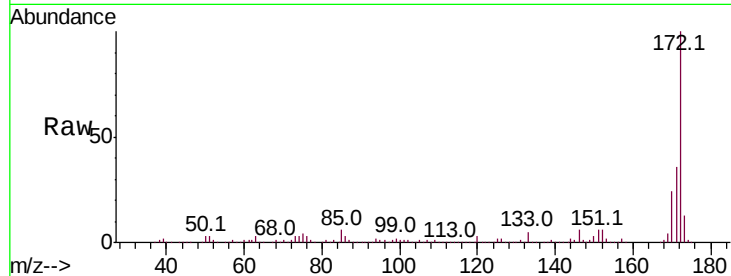
#45
2-Fluorobiphenyl
Concen: 62.667 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Instrument :
BNA_F
ClientSampleId :
A0C17-SS2

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.5	45.7
170	23.6	20.2	30.4

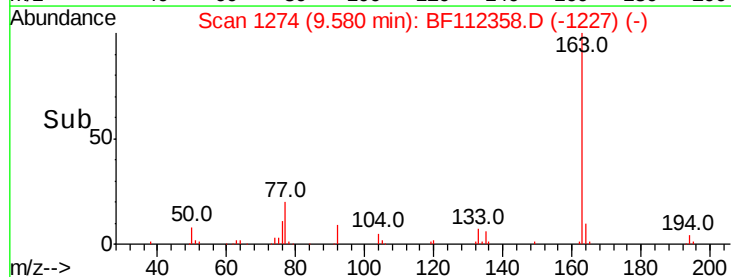
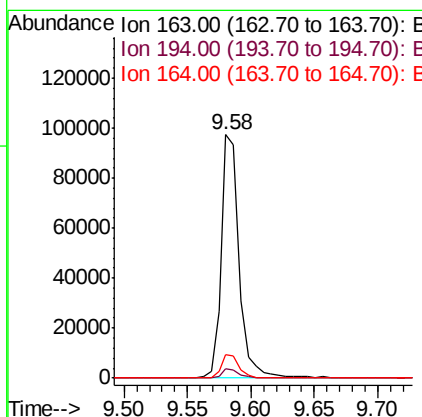
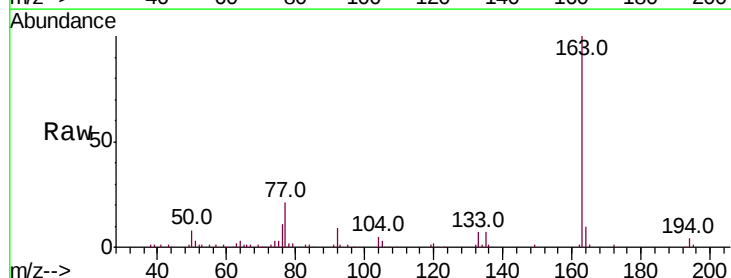
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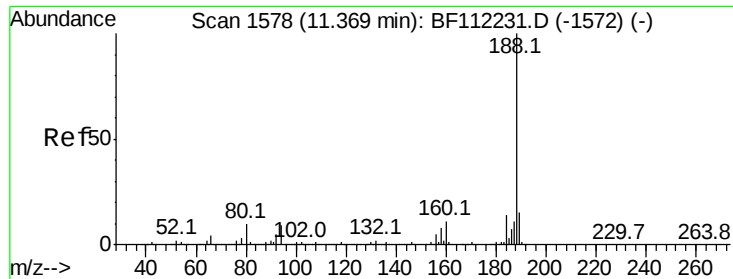
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#50
Dimethylphthalate
Concen: 4.733 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.5	8.5	12.7





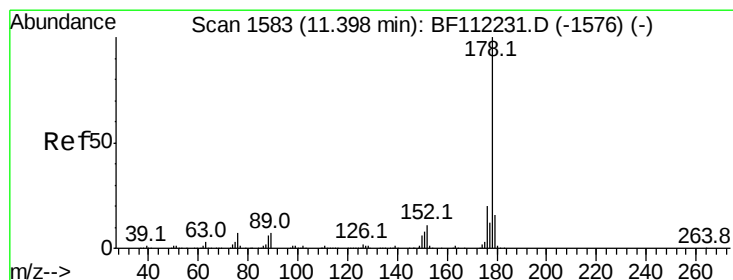
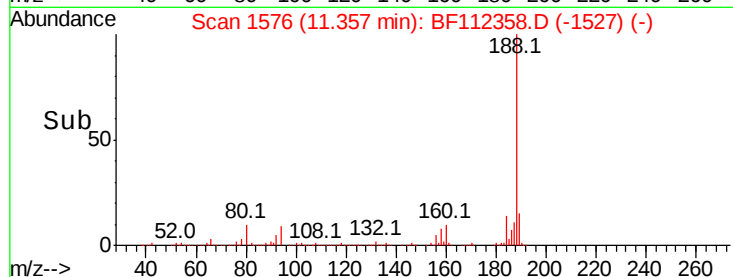
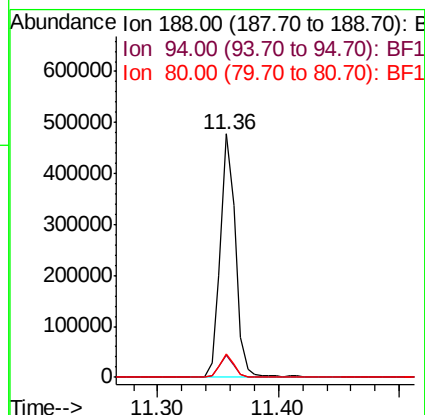
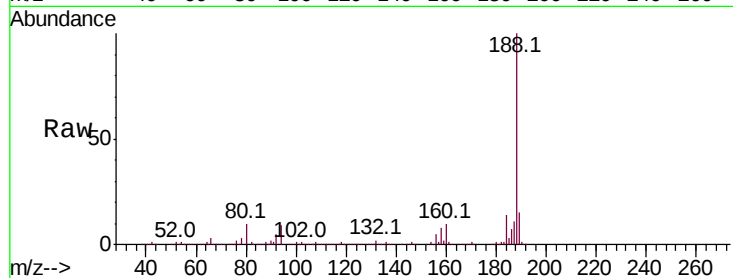
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Instrument :
BNA_F
ClientSampleId :
A0C17-SS2

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.9	8.2	12.2
80	9.7	8.9	13.3

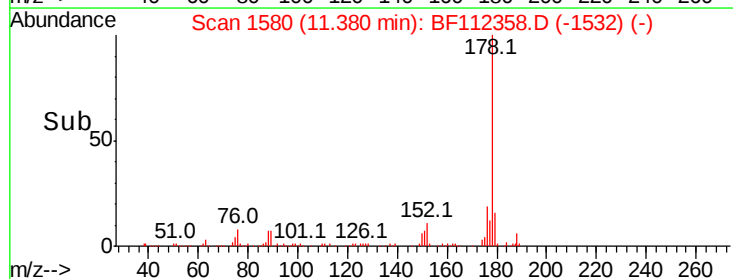
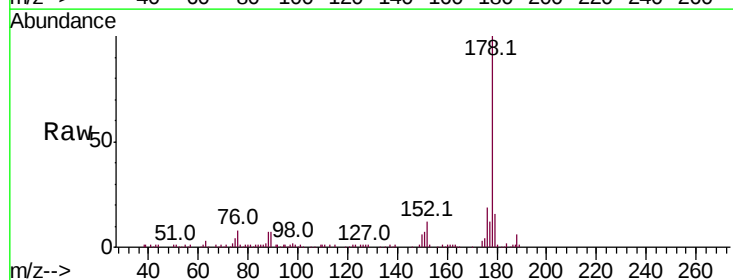
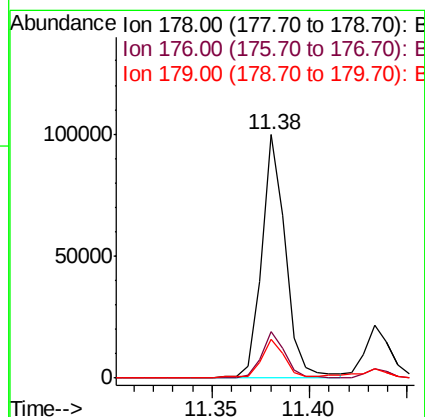
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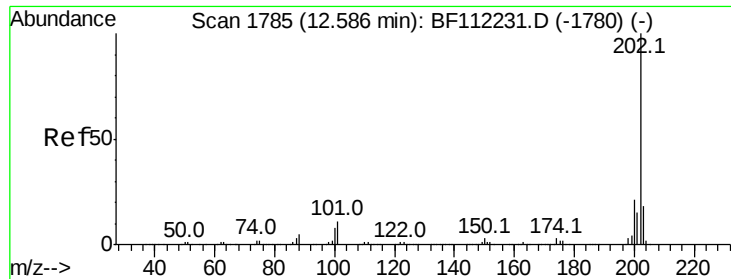
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#71
Phenanthrene
Concen: 3.925 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.9	16.3	24.5
179	15.7	13.0	19.4





#75

Fluoranthene

Concen: 5.767 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF112358.D

Acq: 1 Feb 2019 18:18

Instrument :

BNA_F

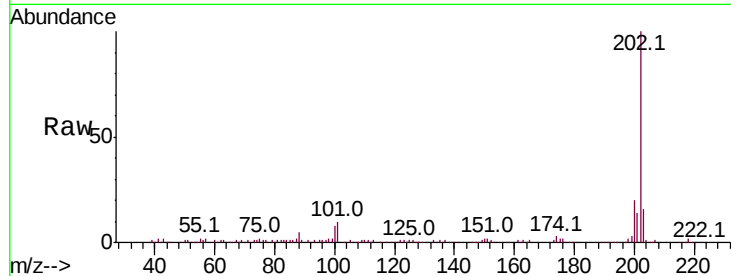
ClientSampleId :

A0C17-SS2

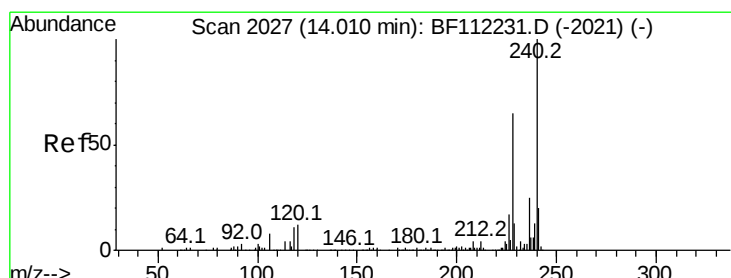
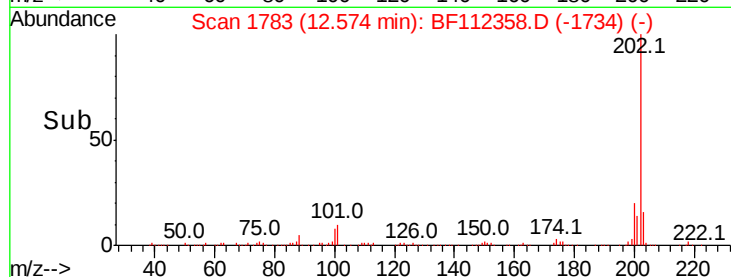
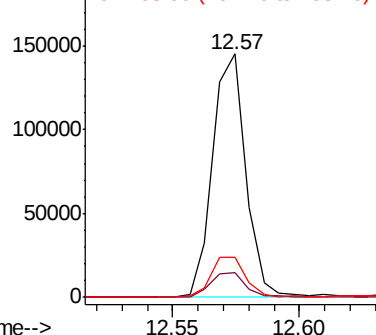
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.1	0.0	31.8
203	16.5	0.0	38.4

Manual Integrations
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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: 14.00 min Scan# 2025

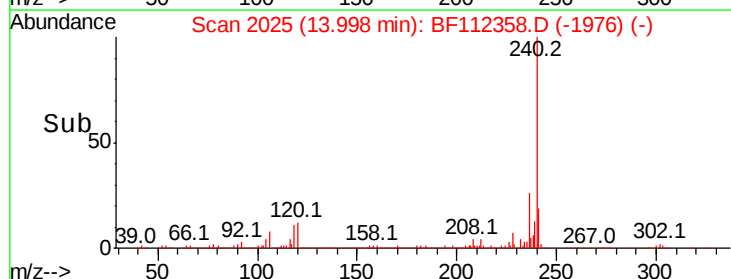
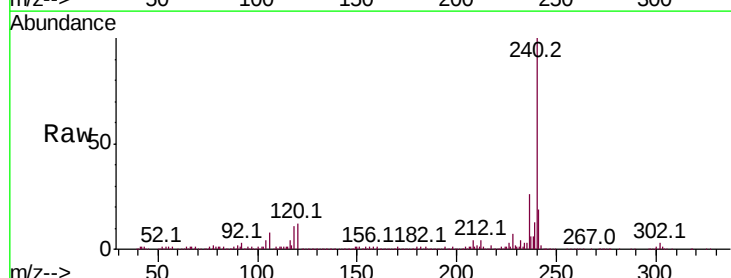
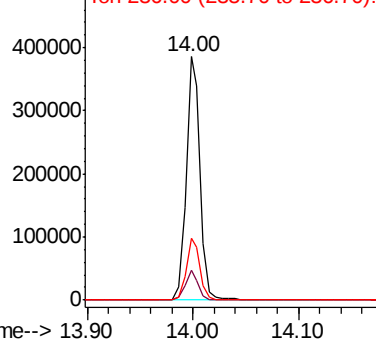
Delta R.T. -0.01 min

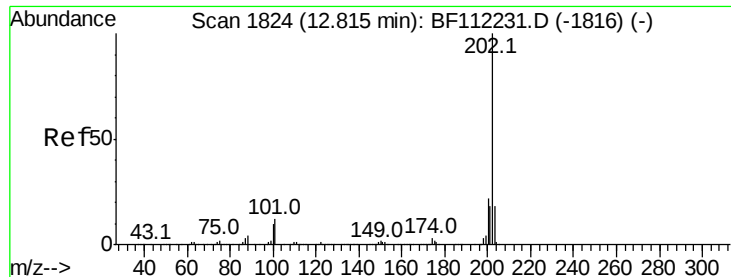
Lab File: BF112358.D

Acq: 1 Feb 2019 18:18

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.3	9.0	13.6
236	25.5	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: 4.522 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF112358.D

Acq: 1 Feb 2019 18:18

Instrument :

BNA_F

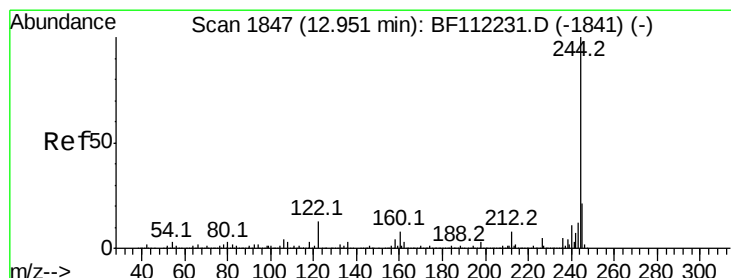
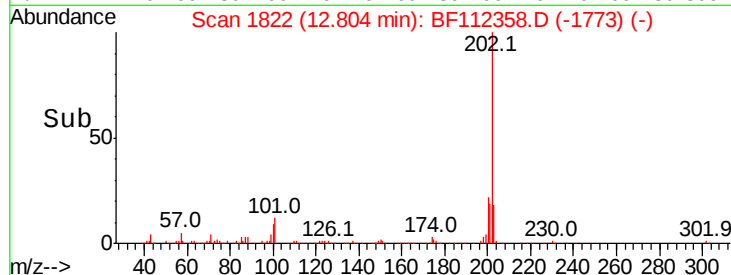
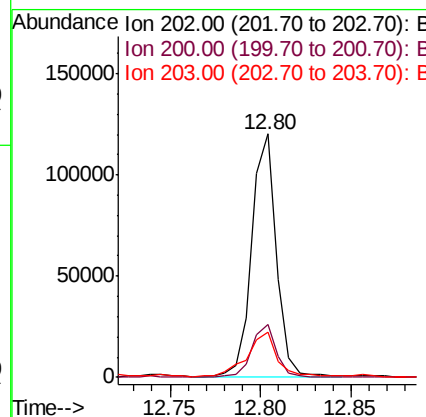
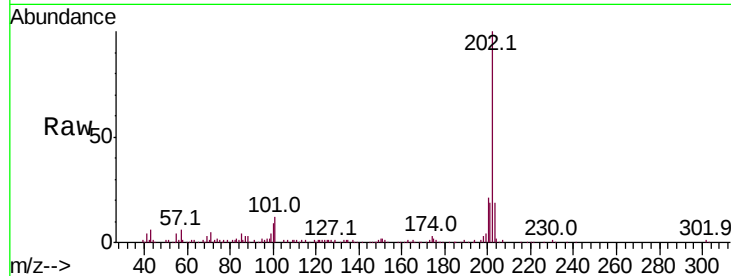
ClientSampleId :

A0C17-SS2

Tot Ion:	202	Resp:	112800
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.7	26.5
203	18.6	14.6	22.0

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#79

Terphenyl-d14

Concen: 42.459 ng

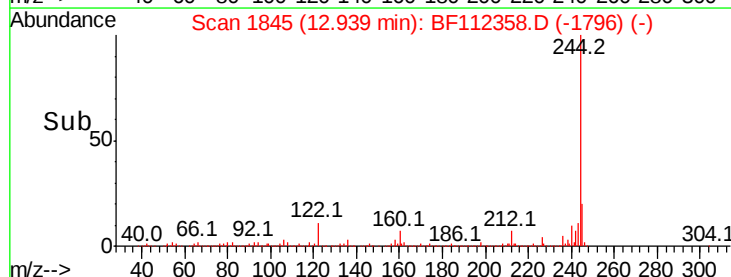
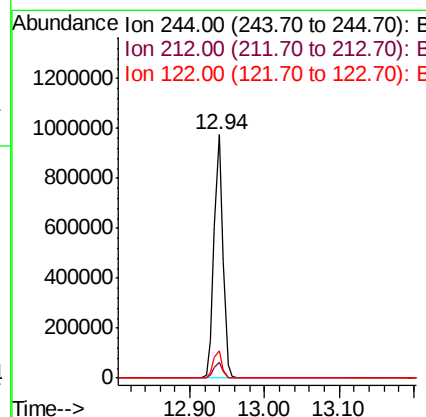
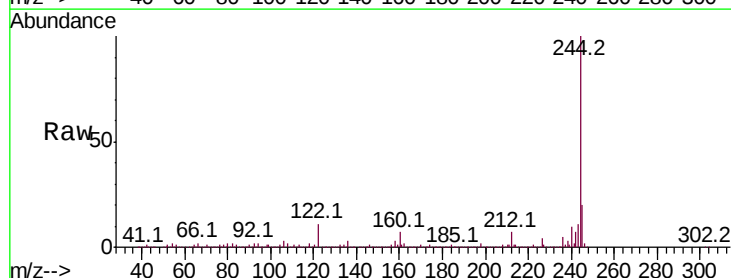
RT: 12.94 min Scan# 1845

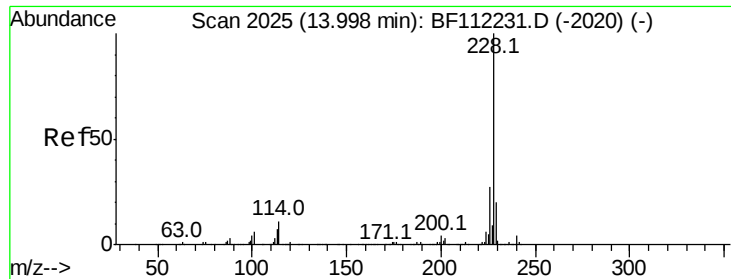
Delta R.T. -0.01 min

Lab File: BF112358.D

Acq: 1 Feb 2019 18:18

Tgt Ion:	244	Resp:	812290
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.9	8.9
122	11.0	9.8	14.6





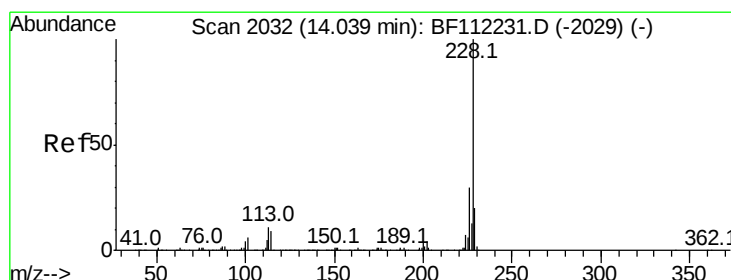
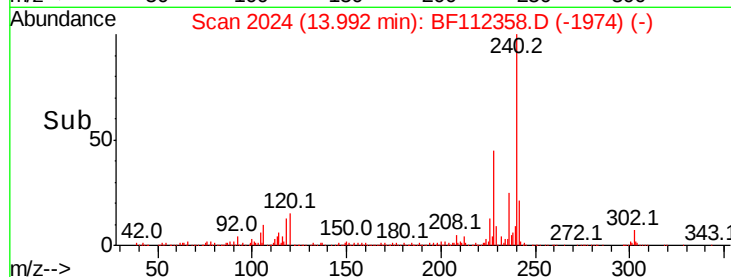
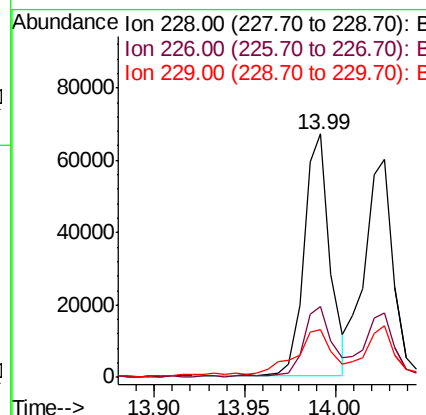
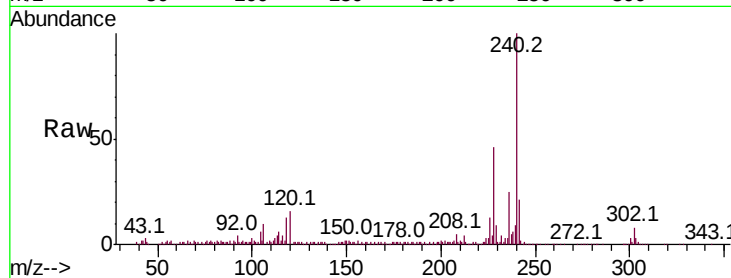
#81
Benzo(a)anthracene
Concen: 3.179 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Instrument :
BNA_F
ClientSampleId :
A0C17-SS2

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	34.0
229	19.7	16.5	24.7

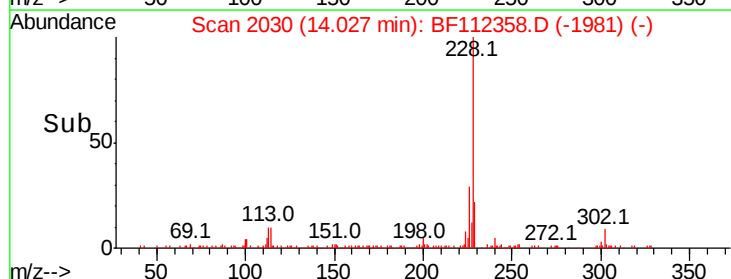
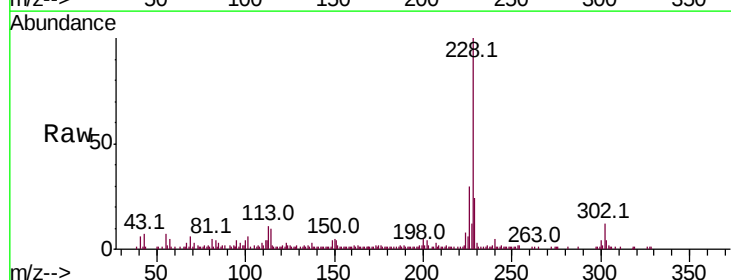
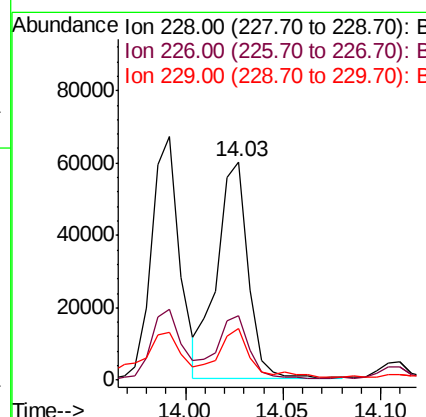
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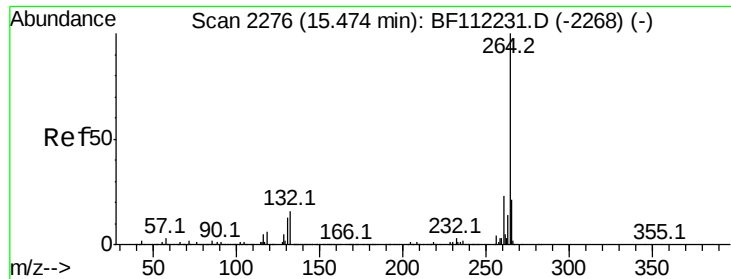
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#83
Chrysene
Concen: 3.335 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	23.6	16.6	24.8





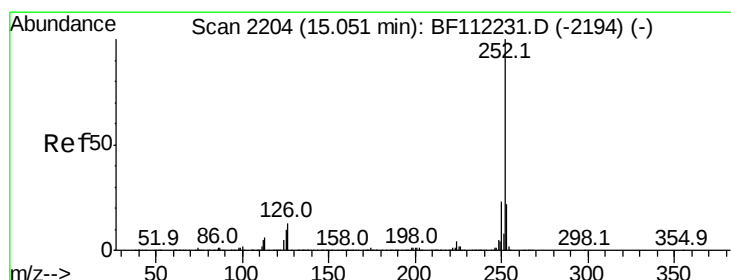
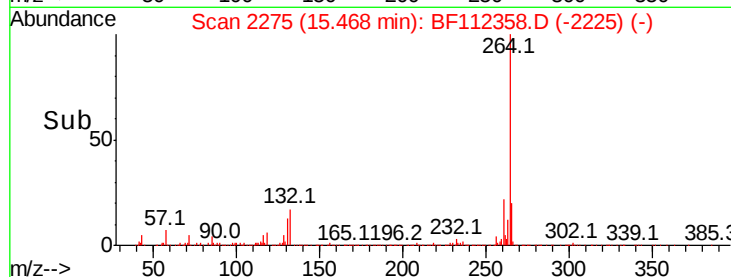
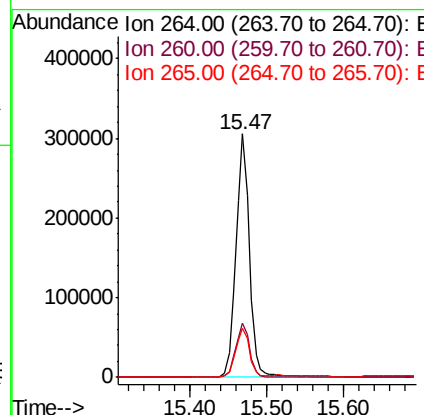
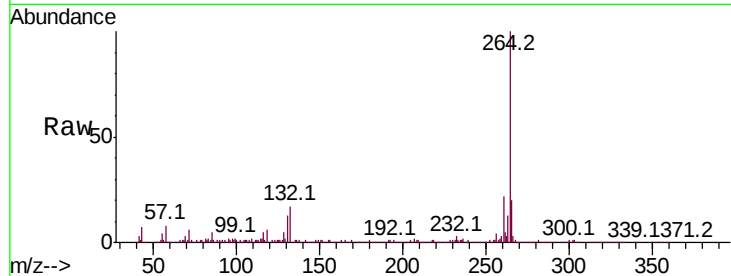
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Instrument :
BNA_F
ClientSampleId :
A0C17-SS2

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.2
265	20.2	17.0	25.4

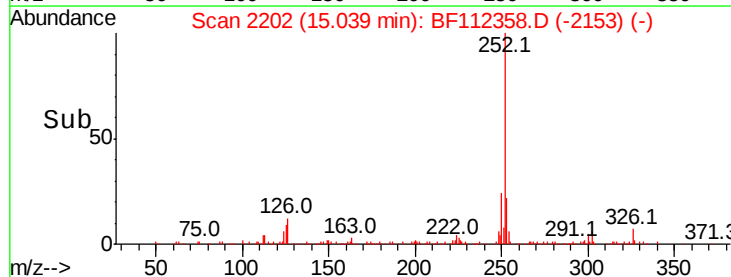
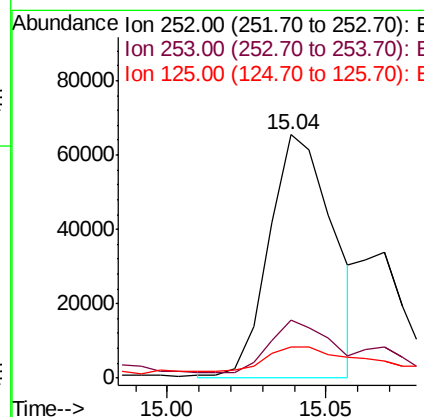
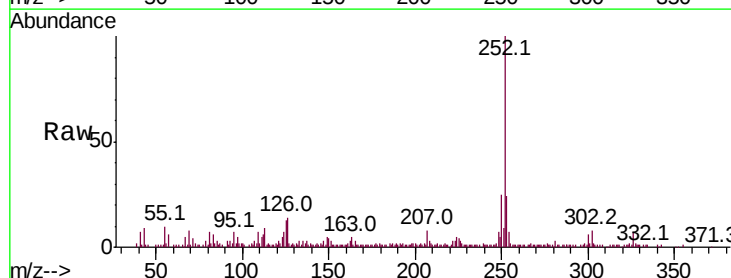
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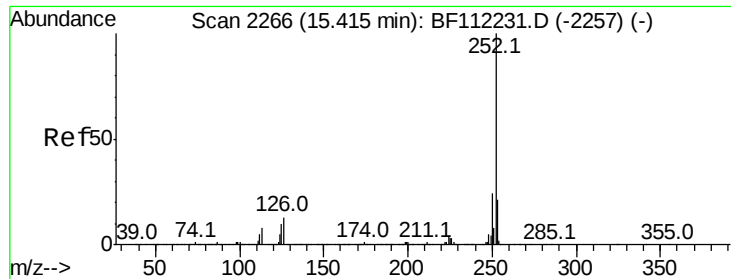
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#88
Benzo(b)fluoranthene
Concen: 4.089 ng m
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	12.8	8.7	13.1





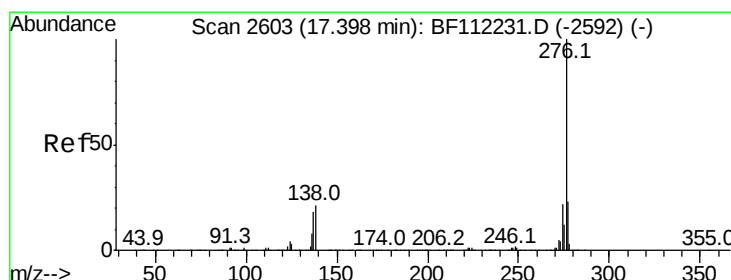
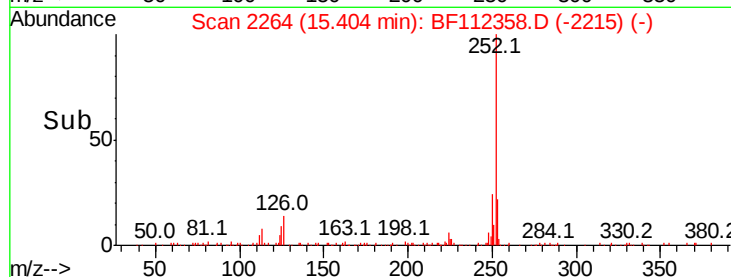
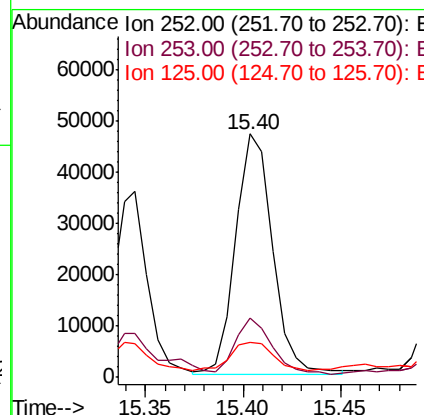
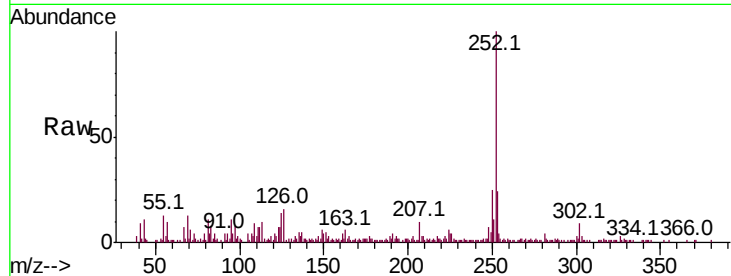
#90
Benzo(a)pyrene
Concen: 3.075 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Instrument :
BNA_F
ClientSampleId :
A0C17-SS2

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	14.5	9.0	13.4

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#92
Benzo(g,h,i)perylene
Concen: 2.125 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.01 min
Lab File: BF112358.D
Acq: 1 Feb 2019 18:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.5	19.4	29.0
138	26.5	19.1	28.7

