

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
 Data File : BF111374.D
 Acq On : 13 Dec 2018 17:18
 Operator : JU/SJ
 Sample : J6331-19RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Manual Integrations
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Sohil
 12/14/2018 12:53:21 PM

Quant Time: Dec 13 21:38:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	273577	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1040024	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	433420	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	613729	20.00	ng	0.00
76) Chrysene-d12	13.95	240	414064	20.00	ng	0.00
87) Perylene-d12	15.40	264	342954	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	2371579	146.59	ng	0.02
7) Phenol-d6	6.44	99	3040504	139.39	ng	0.00
23) Nitrobenzene-d5	7.36	82	1901966	103.08	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	465619	121.87	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2694879	99.82	ng	0.00
79) Terphenyl-d14	12.90	244	1640371	87.19	ng	0.00
Target Compounds						
10) Phenol	6.45	94	165354	6.692	ng	89
22) Acetophenone	7.20	105	77764	3.219	ng	# 83
50) Dimethylphthalate	9.55	163	344037	11.038	ng	96
71) Phenanthrene	11.33	178	116738	3.680	ng	92
75) Fluoranthene	12.52	202	166899	5.389	ng	97
78) Pyrene	12.75	202	135904	4.253	ng	95
81) Benzo(a)anthracene	13.94	228	63055	2.722	ng	97
83) Chrysene	13.97	228	58016	2.454	ng	97
88) Benzo(b)fluoranthene	14.99	252	74018m	3.795	ng	
90) Benzo(a)pyrene	15.33	252	44835	2.469	ng	# 55

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

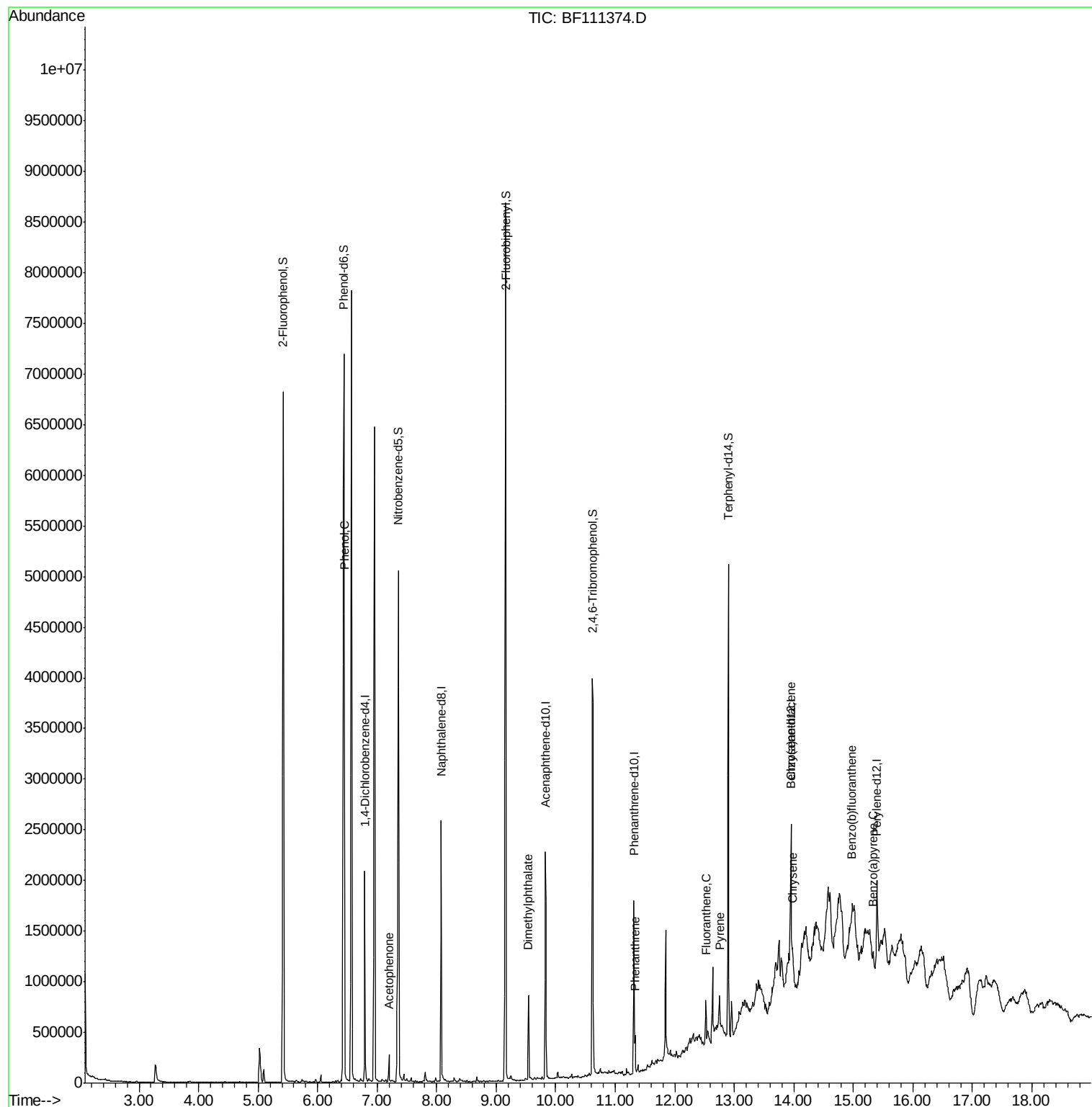
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111374.D
Acq On : 13 Dec 2018 17:18
Operator : JU/SJ
Sample : J6331-19RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

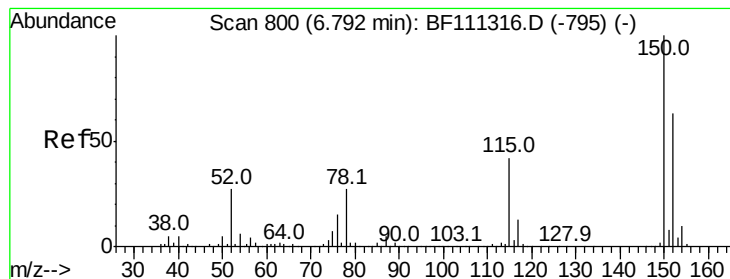
Instrument :
BNA_F
ClientSampleId :
TP-4

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Quant Time: Dec 13 21:38:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 13:16:52 2018
Response via : Initial Calibration





#1

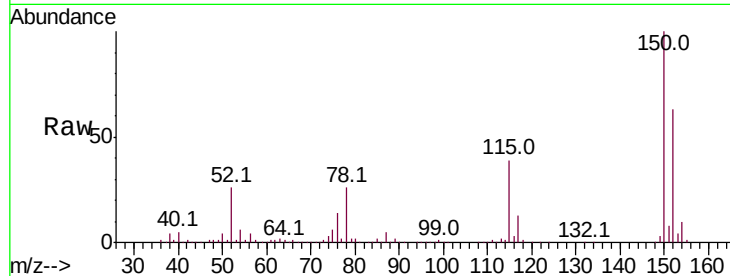
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111374.D
Acq: 13 Dec 2018 17:18

Instrument :
BNA_F
ClientSampled :
TP-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.6	189.8
115	62.2	50.7	76.1

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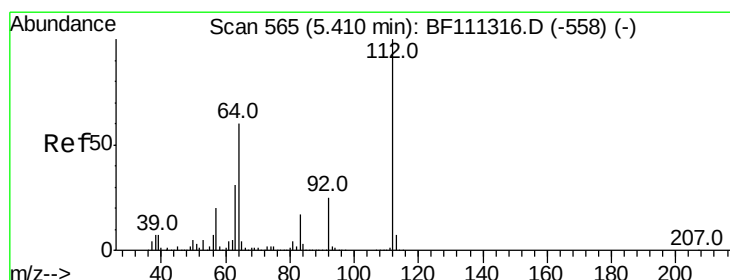
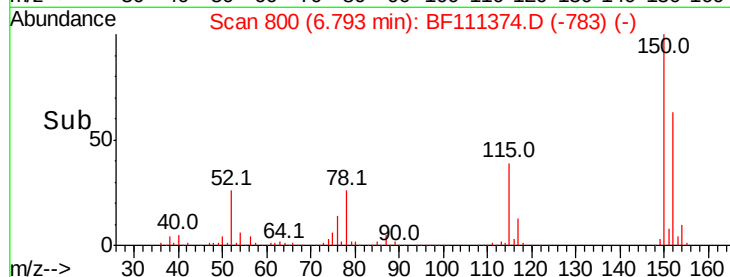
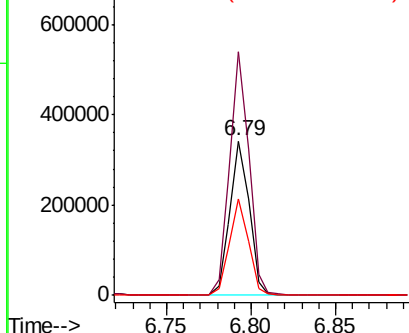


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

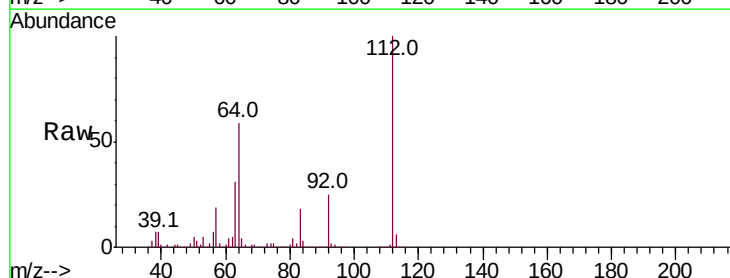
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 146.592 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF111374.D
Acq: 13 Dec 2018 17:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	51.8	77.6
63	31.0	26.8	40.2

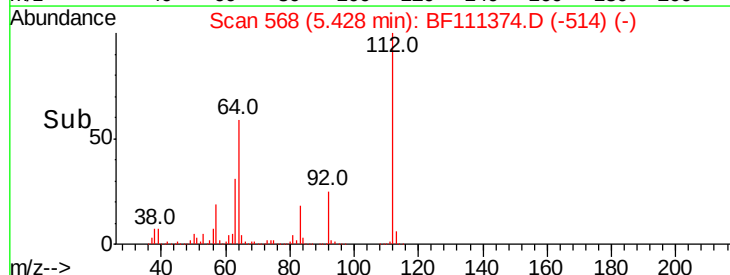
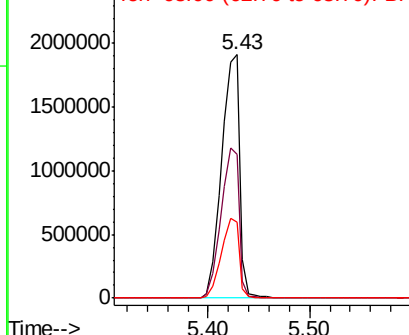


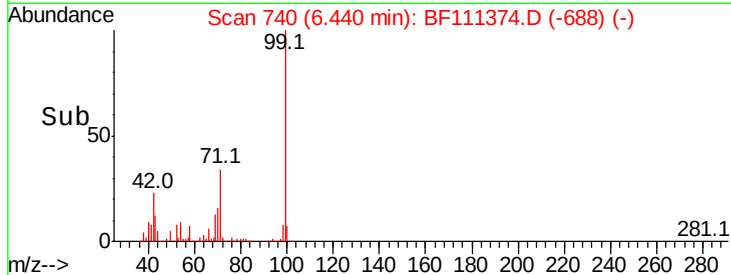
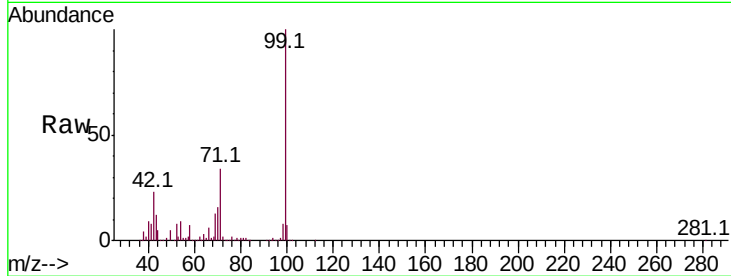
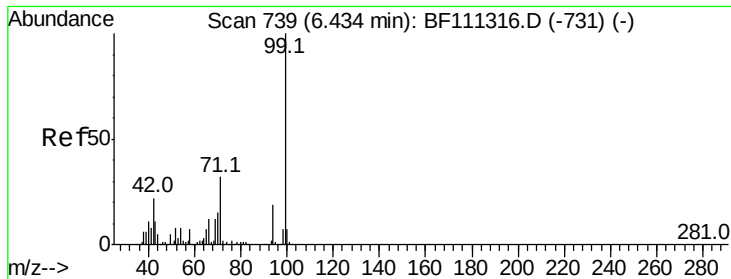
Abundance

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: 139.393 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111374.D

Acq: 13 Dec 2018 17:18

Tot Ion:	99	Resp:	3040504
Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.4	26.0
71	33.9	26.1	39.1

Instrument :

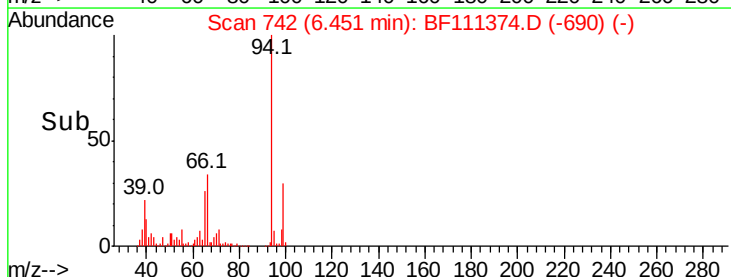
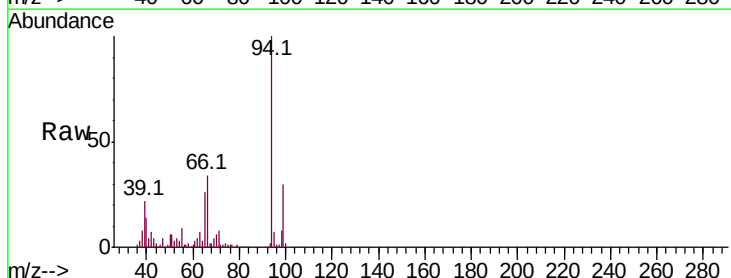
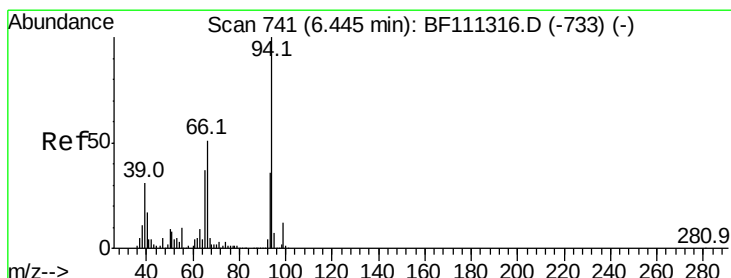
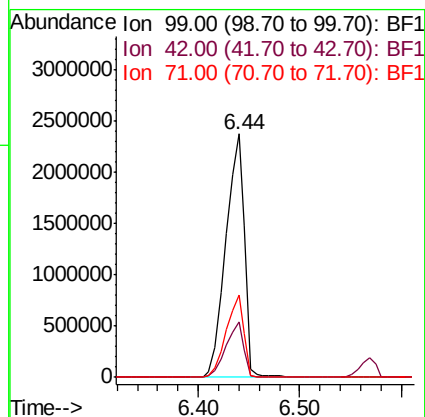
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 6.692 ng

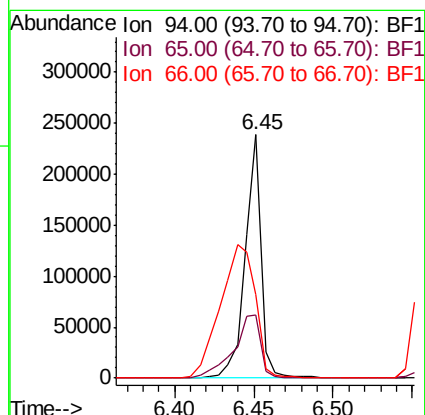
RT: 6.45 min Scan# 742

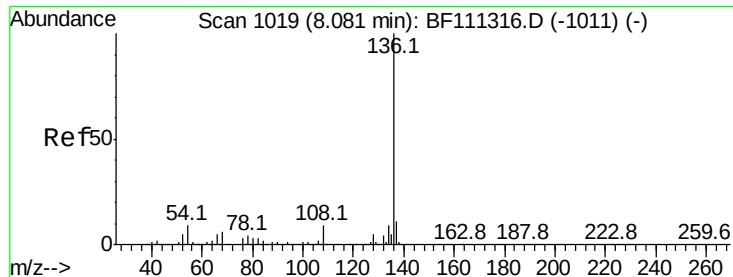
Delta R.T. 0.01 min

Lab File: BF111374.D

Acq: 13 Dec 2018 17:18

Tgt Ion:	94	Resp:	165354
Ion	Ratio	Lower	Upper
94	100		
65	26.0	11.7	51.7
66	34.3	21.0	61.0





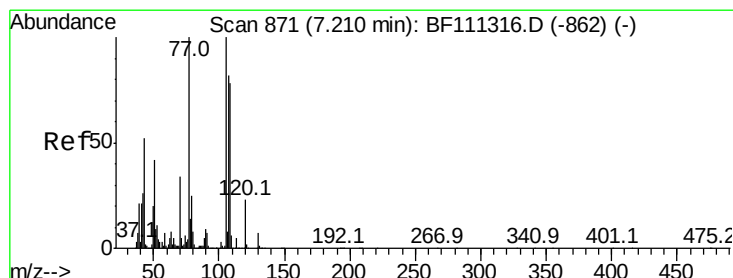
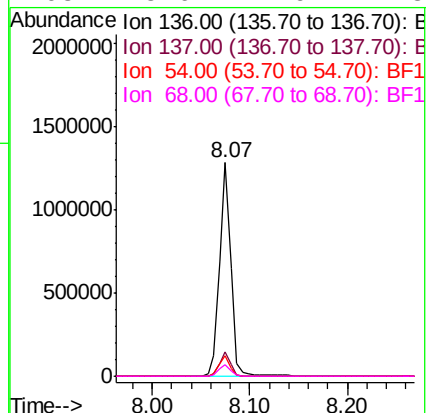
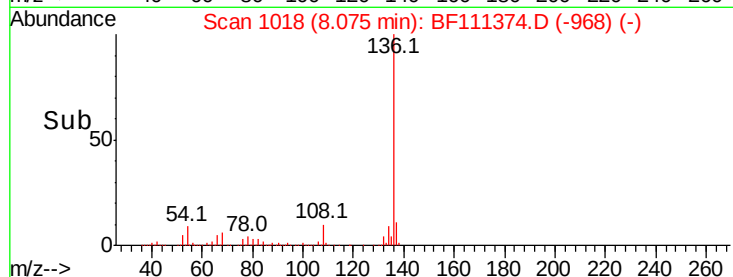
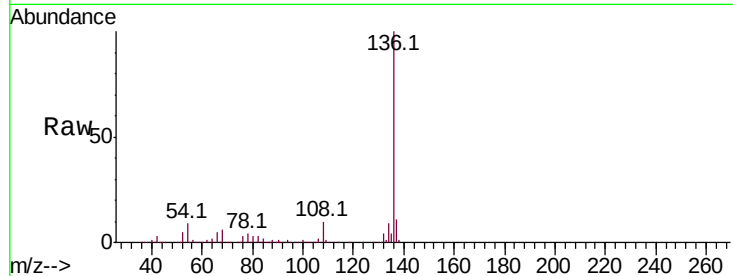
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111374.D
Acq: 13 Dec 2018 17:18

Instrument :
BNA_F
ClientSampled :
TP-4

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.3	7.7	11.5
68	5.6	4.9	7.3

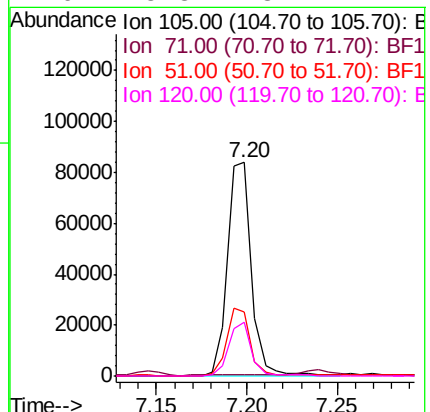
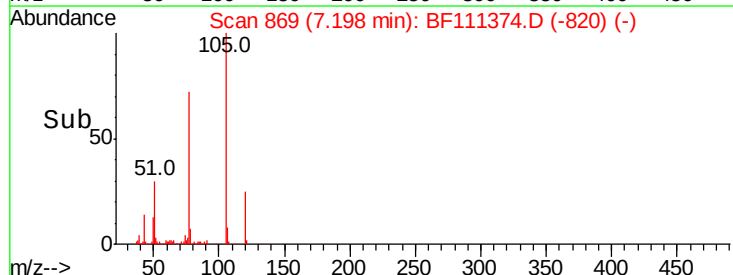
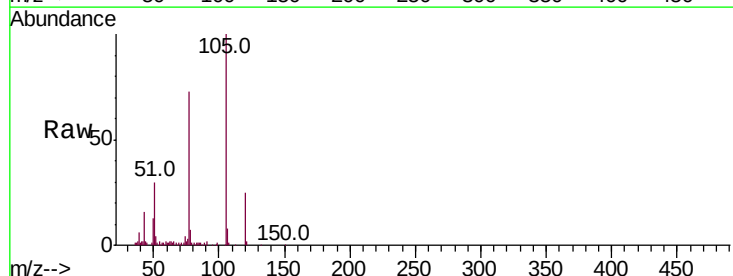
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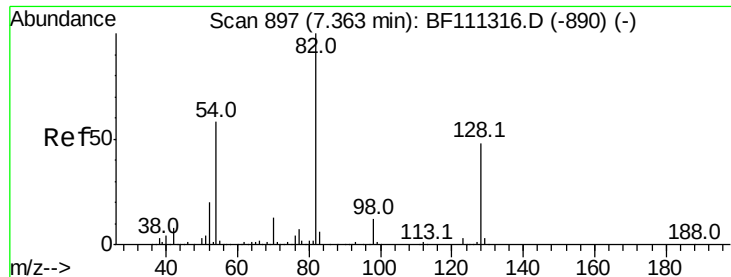
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#22
Acetophenone
Concen: 3.219 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111374.D
Acq: 13 Dec 2018 17:18

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.7	3.1	4.7#
51	30.2	36.6	54.8#
120	25.3	18.2	27.4





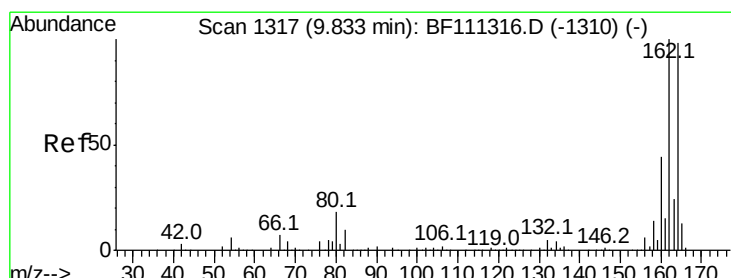
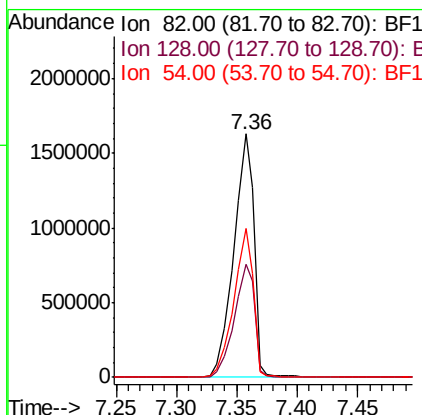
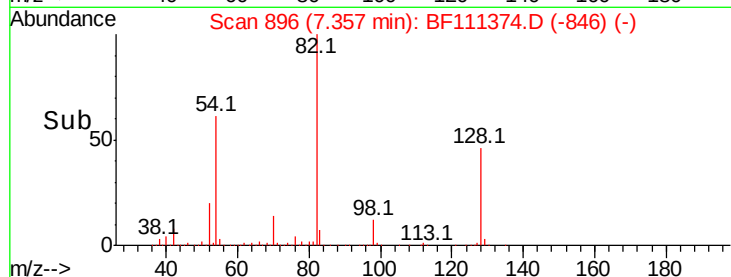
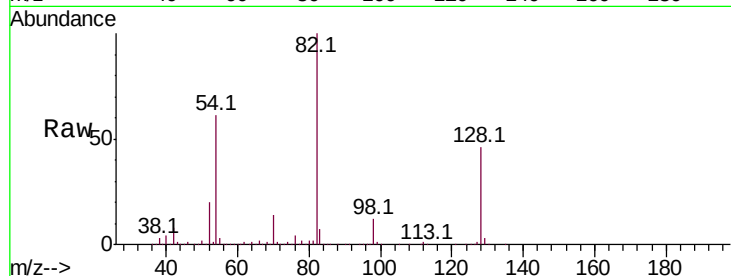
#23
 Nitrobenzene-d5
 Concen: 103.076 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF111374.D
 Acq: 13 Dec 2018 17:18

Instrument :
 BNA_F
 ClientSampled :
 TP-4

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.4	56.2
54	61.3	47.6	71.4

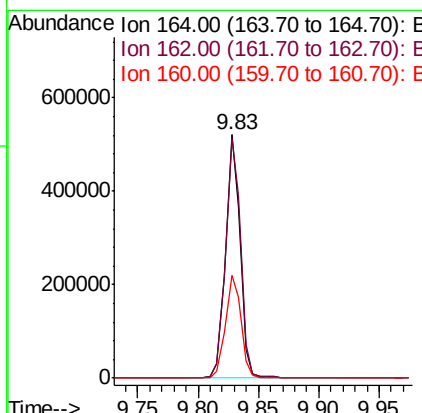
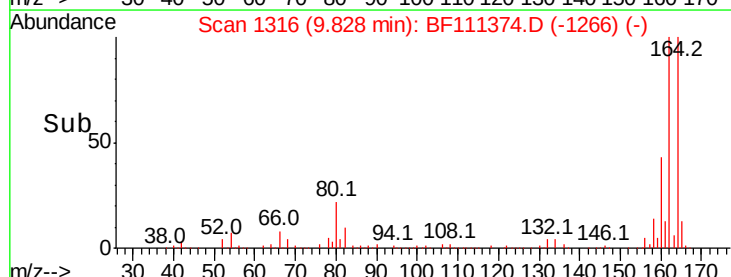
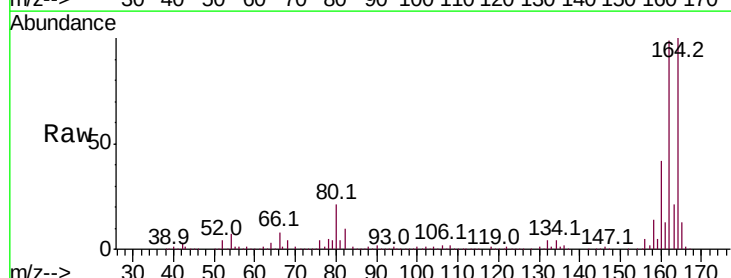
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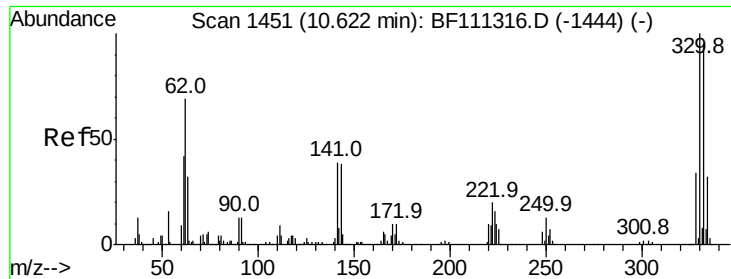
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF111374.D
 Acq: 13 Dec 2018 17:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.6	81.4	122.0
160	42.1	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 121.869 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF111374.D

Acq: 13 Dec 2018 17:18

Instrument :

BNA_F

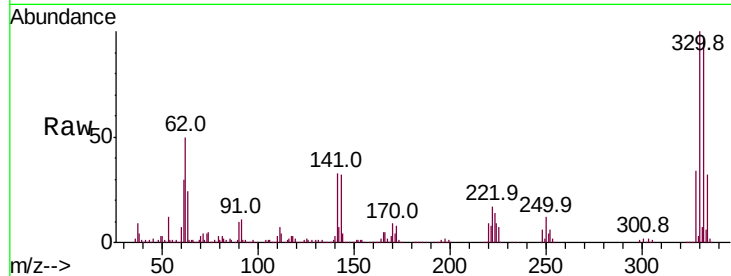
ClientSampled :

TP-4

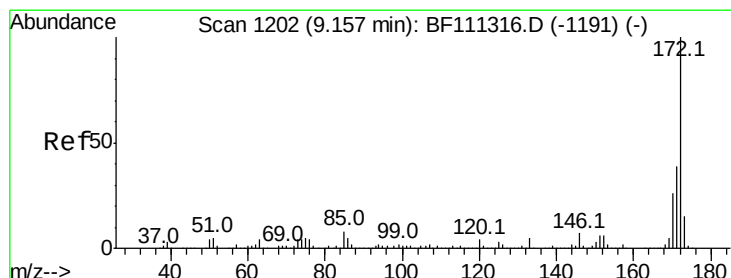
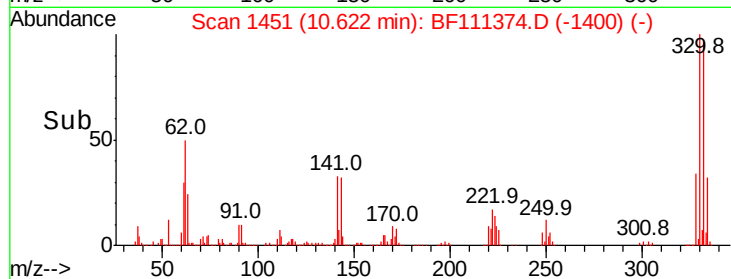
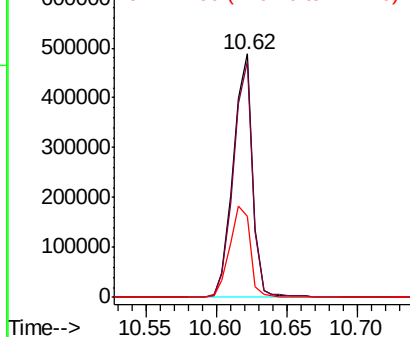
Tot Ion:	330	Resp:	465619
Ion Ratio	Lower	Upper	
330	100		
332	96.4	76.0	114.0
141	40.2	31.0	46.6

Manual Integrations
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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: 99.825 ng

RT: 9.16 min Scan# 1202

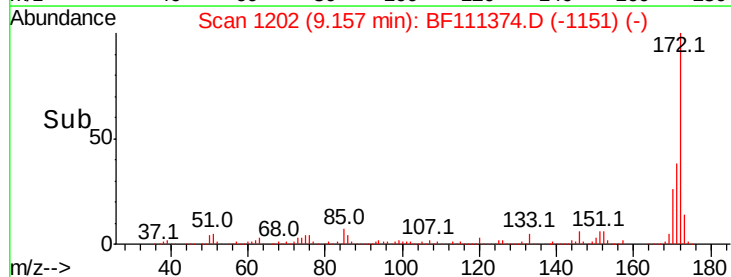
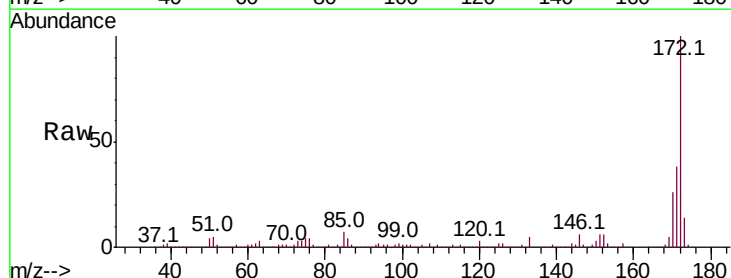
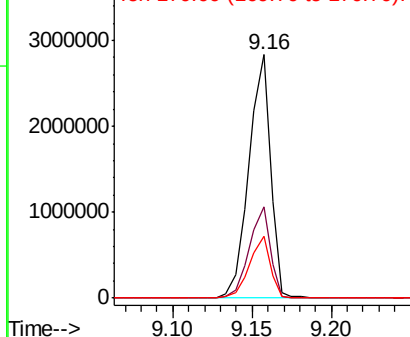
Delta R.T. 0.00 min

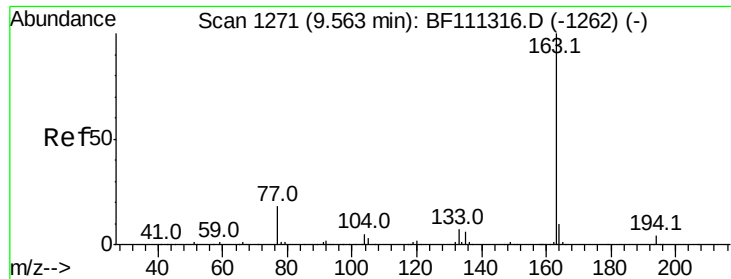
Lab File: BF111374.D

Acq: 13 Dec 2018 17:18

Tgt Ion:	172	Resp:	2694879
Ion Ratio	Lower	Upper	
172	100		
171	37.7	33.0	49.4
170	25.6	22.3	33.5

Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





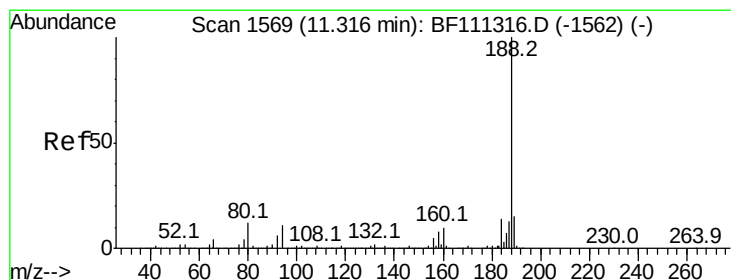
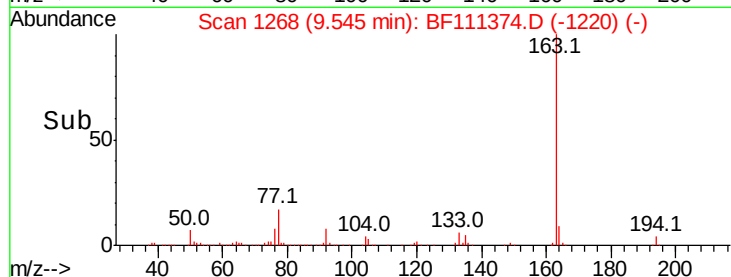
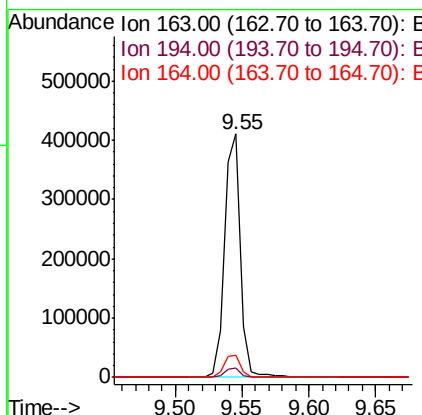
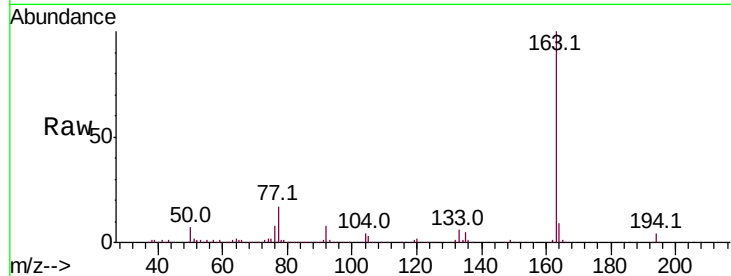
#50
Dimethylphthalate
Concen: 11.038 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111374.D
Acq: 13 Dec 2018 17:18

Instrument :
BNA_F
ClientSampled :
TP-4

Tot Ion	Ratio	Resp	Lower	Upper
163	100	344037		
194	3.8		3.0	4.6
164	9.1		8.9	13.3

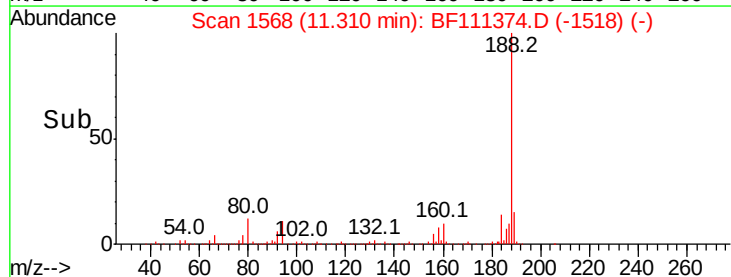
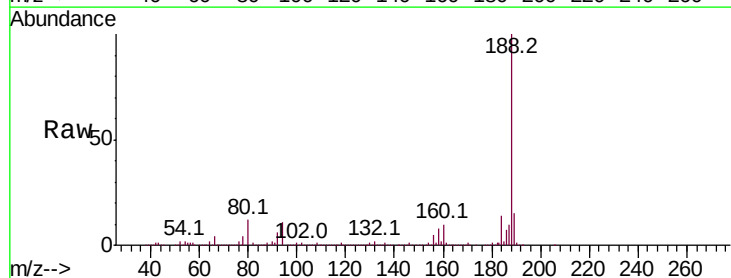
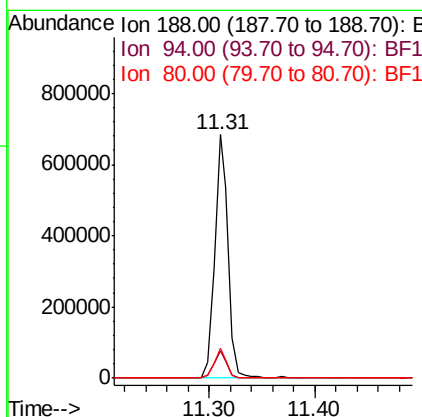
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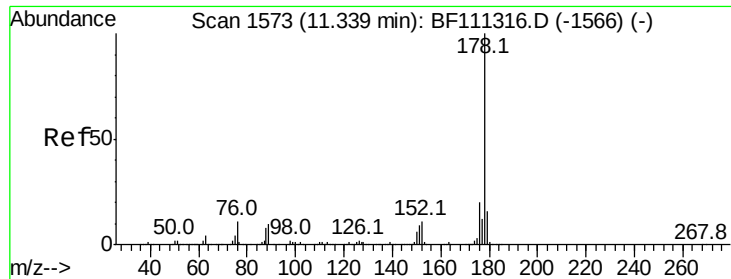
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111374.D
Acq: 13 Dec 2018 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	613729		
94	11.4		9.6	14.4
80	12.4		9.8	14.6





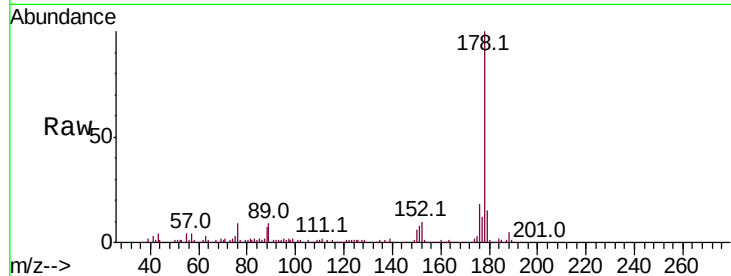
#71
Phenanthrene
Concen: 3.680 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111374.D
Acq: 13 Dec 2018 17:18

Instrument :
BNA_F
ClientSampleId :
TP-4

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.1	18.1	27.1
179	14.8	14.0	21.0

Manual Integrations
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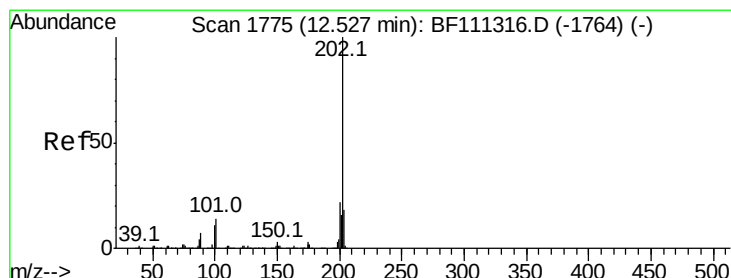
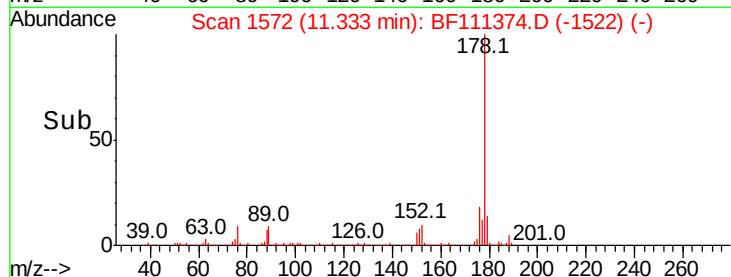
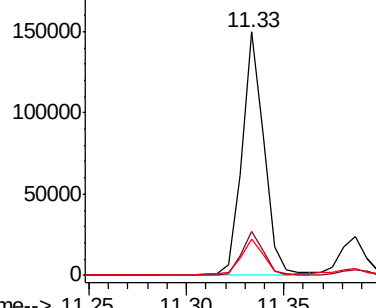


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75
Fluoranthene
Concen: 5.389 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF111374.D
Acq: 13 Dec 2018 17:18

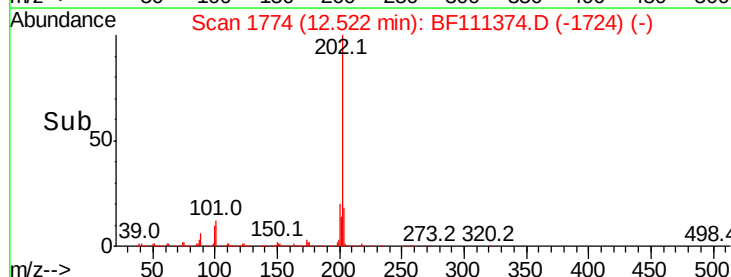
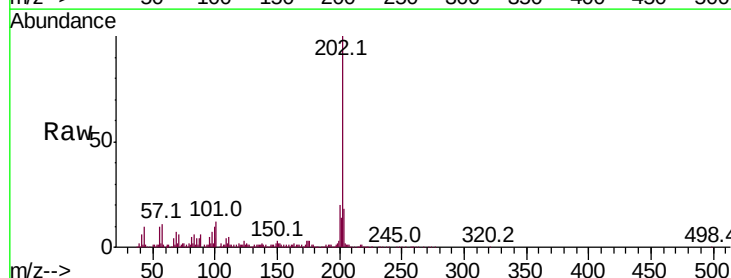
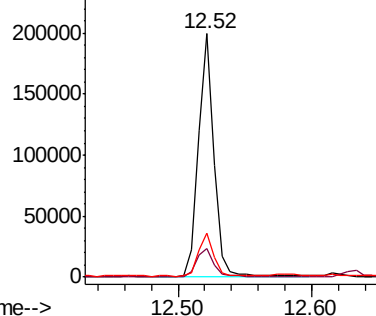
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	33.8
203	18.1	0.0	38.6

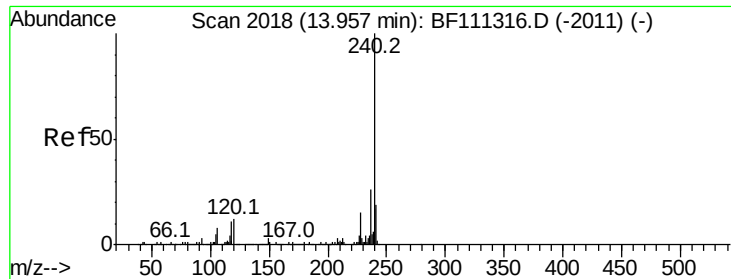
Abundance

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





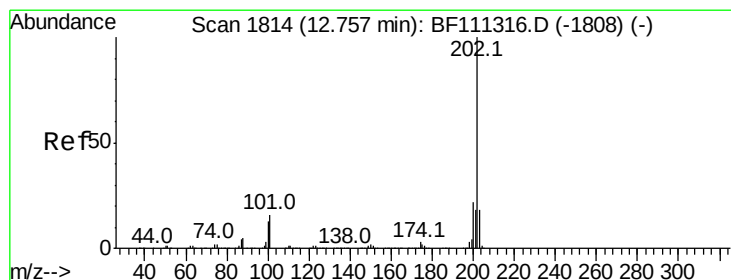
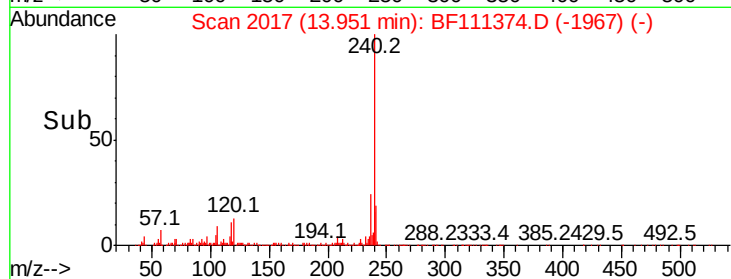
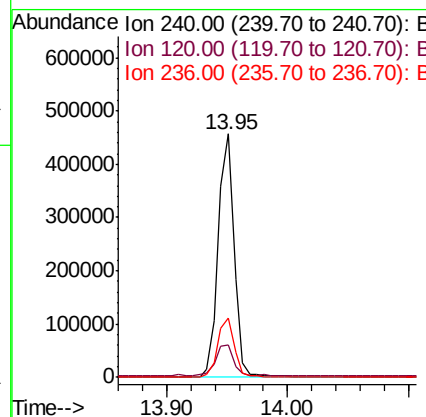
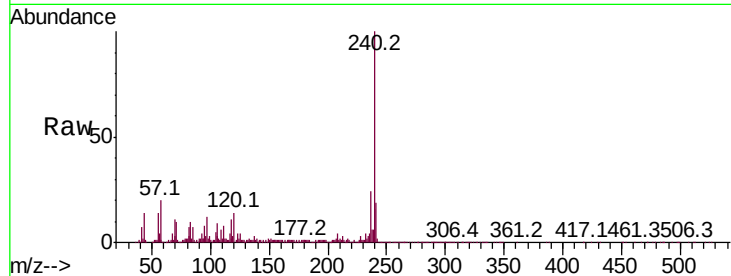
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF111374.D
Acq: 13 Dec 2018 17:18

Instrument :
BNA_F
ClientSampleId :
TP-4

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.5	12.2	18.2
236	24.4	20.2	30.2

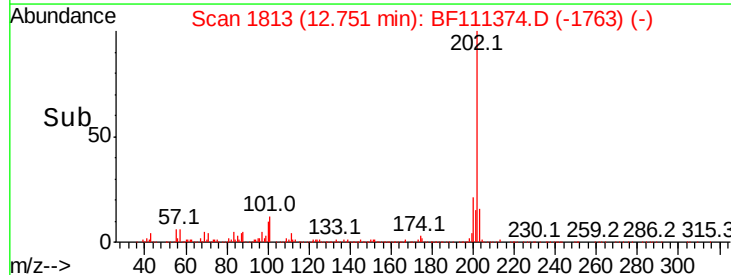
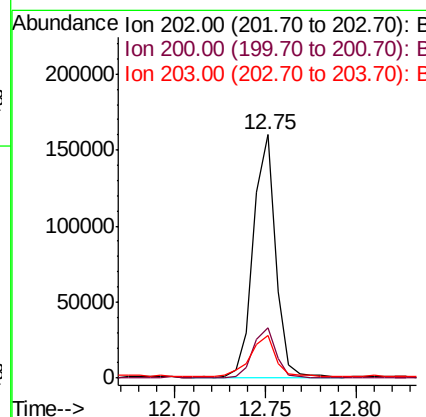
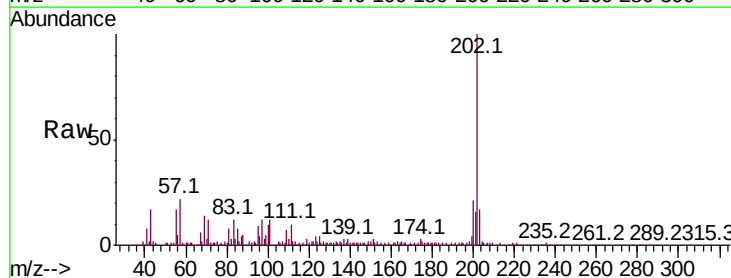
Manual Integrations
APPROVED

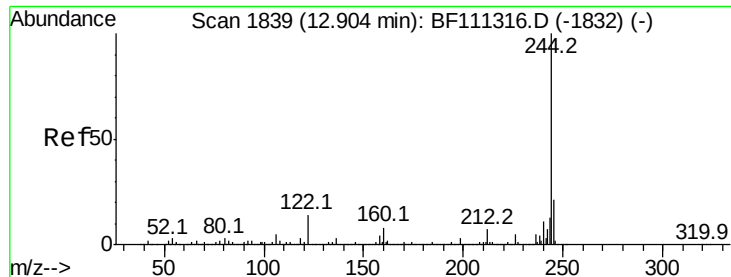
Sohil
12/14/2018 12:53:21 PM



#78
Pyrene
Concen: 4.253 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF111374.D
Acq: 13 Dec 2018 17:18

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	19.0	28.4
203	17.5	15.2	22.8





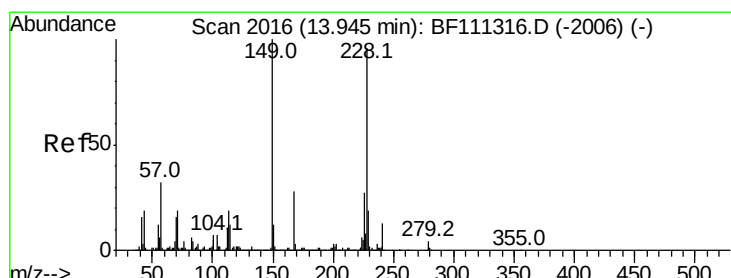
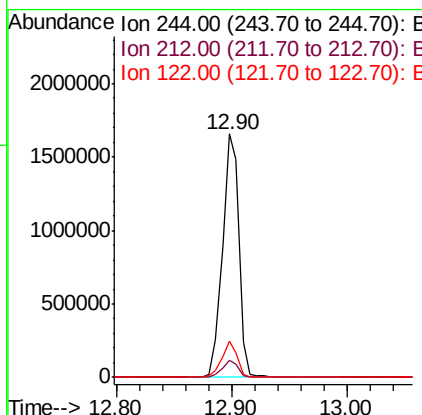
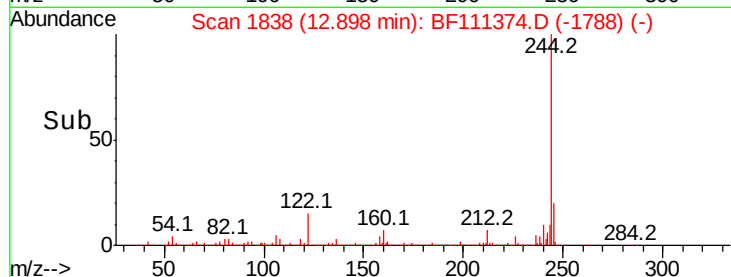
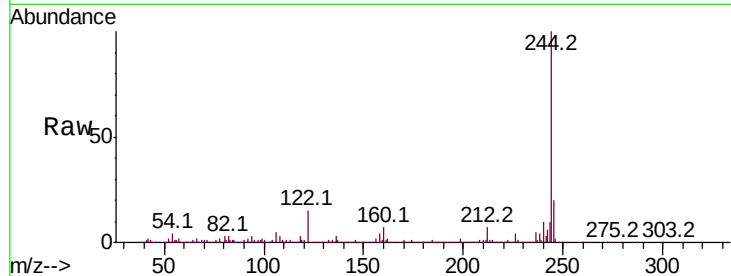
#79
 Terphenyl-d14
 Concen: 87.193 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BF111374.D
 Acq: 13 Dec 2018 17:18

Instrument :
 BNA_F
 ClientSampled :
 TP-4

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	14.9	13.1	19.7

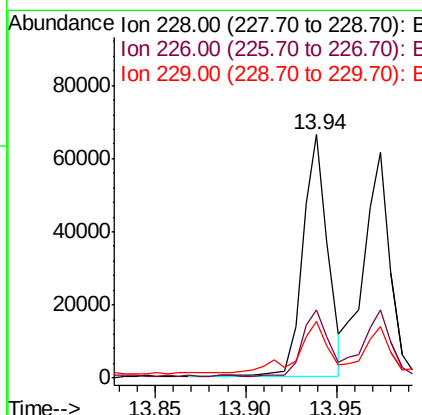
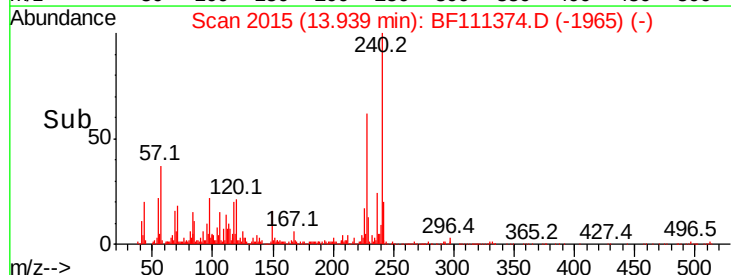
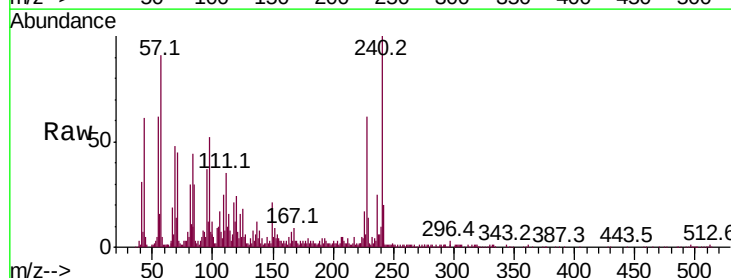
Manual Integrations
 APPROVED

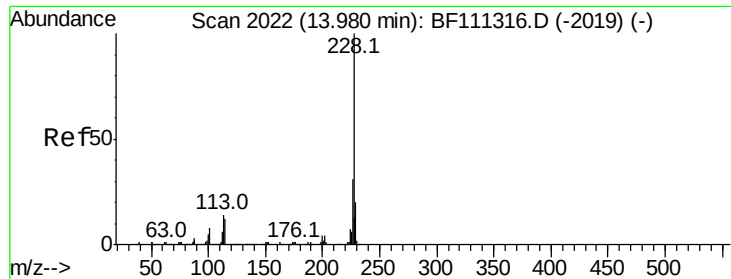
Sohil
 12/14/2018 12:53:21 PM



#81
 Benzo(a)anthracene
 Concen: 2.722 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF111374.D
 Acq: 13 Dec 2018 17:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	34.0
229	23.2	16.3	24.5





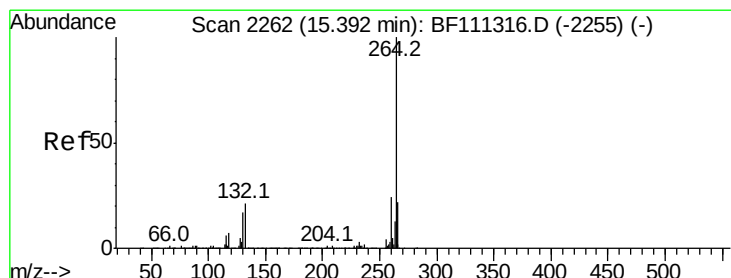
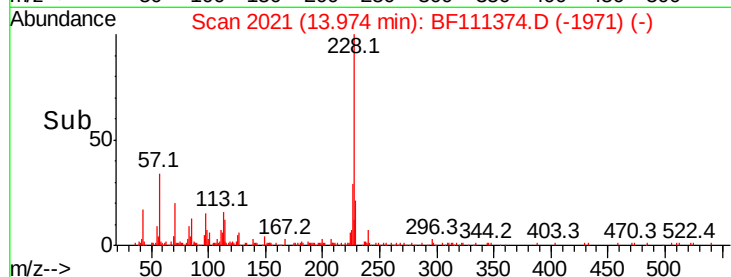
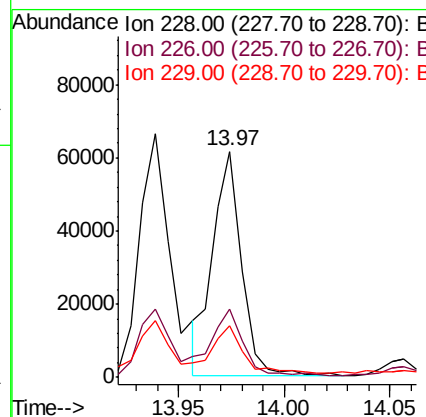
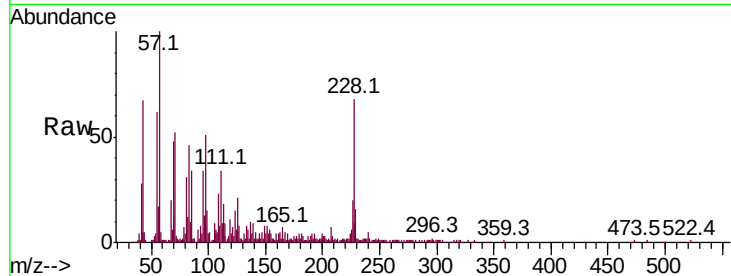
#83
Chrysene
Concen: 2.454 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111374.D
Acq: 13 Dec 2018 17:18

Instrument :
BNA_F
ClientSampled :
TP-4

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.3	37.9
229	23.0	17.2	25.8

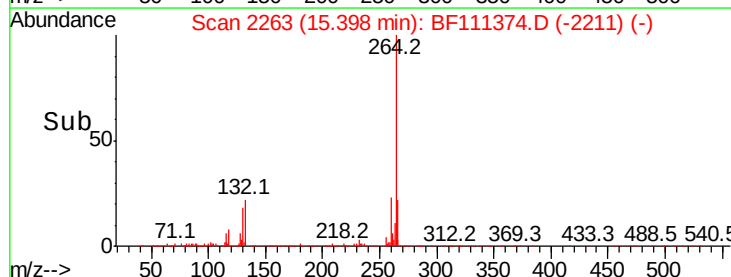
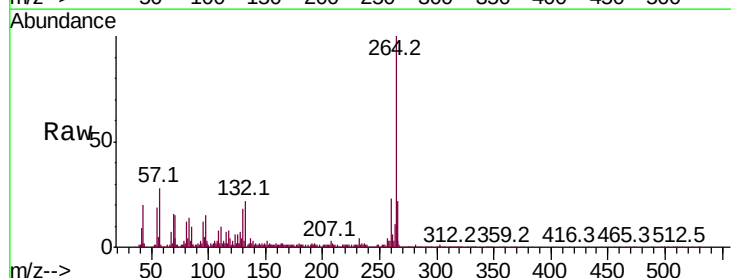
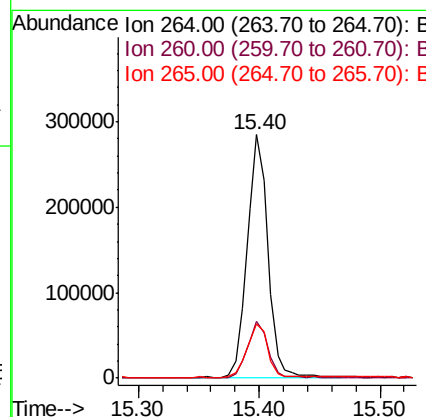
Manual Integrations
APPROVED

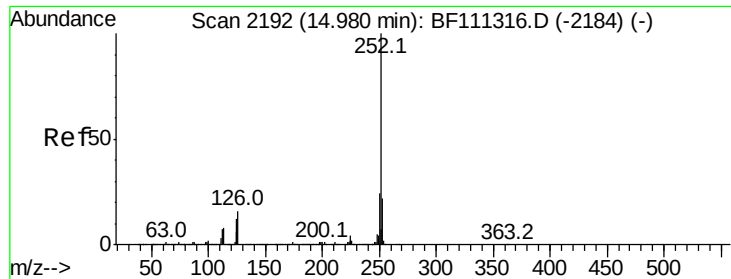
Sohil
12/14/2018 12:53:21 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF111374.D
Acq: 13 Dec 2018 17:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.3	27.5
265	22.3	17.7	26.5





#88

Benzo(b)fluoranthene

Concen: 3.795 ng/mL

RT: 14.99 min Scan# 2193

Delta R.T. 0.01 min

Lab File: BF111374.D

Acq: 13 Dec 2018 17:18

Instrument :

BNA_F

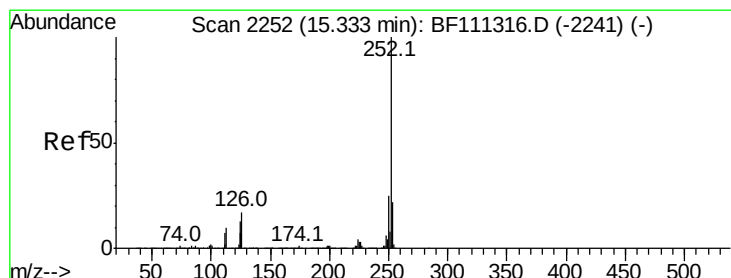
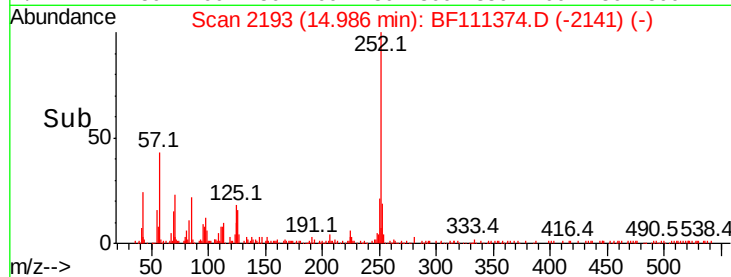
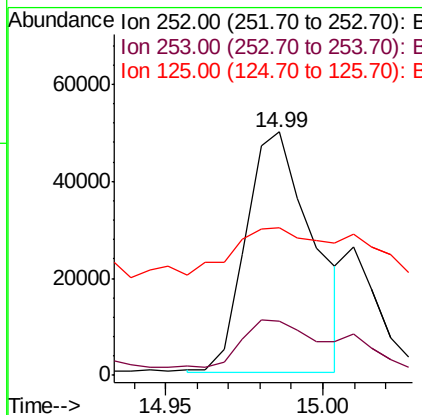
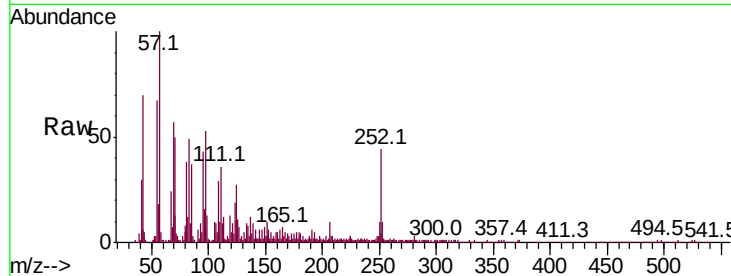
ClientSampled :

TP-4

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	60.9	10.4	15.6

Manual Integrations
APPROVED

Sohil
12/14/2018 12:53:21 PM



#90

Benzo(a)pyrene

Concen: 2.469 ng/mL

RT: 15.33 min Scan# 2252

Delta R.T. 0.00 min

Lab File: BF111374.D

Acq: 13 Dec 2018 17:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.8	26.8
125	58.2	12.3	18.5

