

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
 Data File : BF111332.D
 Acq On : 12 Dec 2018 20:11
 Operator : JU/SJ
 Sample : J6214-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(0-2)

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Quant Time: Dec 13 03:39:59 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	269728	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1023807	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	406164	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	593154	20.00	ng	0.00
76) Chrysene-d12	13.94	240	449671	20.00	ng	-0.01
87) Perylene-d12	15.39	264	337225	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1740951	109.15	ng	0.00
7) Phenol-d6	6.43	99	2232763	103.82	ng	0.00
23) Nitrobenzene-d5	7.35	82	1382514	76.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	308777	86.24	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2068551	81.77	ng	0.00
79) Terphenyl-d14	12.90	244	1342742	65.72	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.44	94	153989	6.321	ng	92
50) Dimethylphthalate	9.55	163	308997	10.579	ng	# 95
71) Phenanthrene	11.33	178	231995	7.567	ng	92
75) Fluoranthene	12.52	202	515184	17.213	ng	97
78) Pyrene	12.75	202	464950	13.397	ng	95
80) Butylbenzylphthalate	13.37	149	40339	2.421	ng	93
81) Benzo(a)anthracene	13.94	228	261263m	10.384	ng	
83) Chrysene	13.97	228	265173	10.330	ng	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	74899	3.677	ng	95
86) Indeno(1,2,3-cd)pyrene	16.79	276	114420	5.699	ng	98
88) Benzo(b)fluoranthene	14.97	252	280456m	14.626	ng	
89) Benzo(k)fluoranthene	15.00	252	118202m	6.175	ng	
90) Benzo(a)pyrene	15.32	252	189596	10.619	ng	# 93
91) Dibenzo(a,h)anthracene	16.81	278	30205	2.033	ng	# 77
92) Benzo(a,h,i)perylene	17.22	276	106180	7.149	ng	93

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

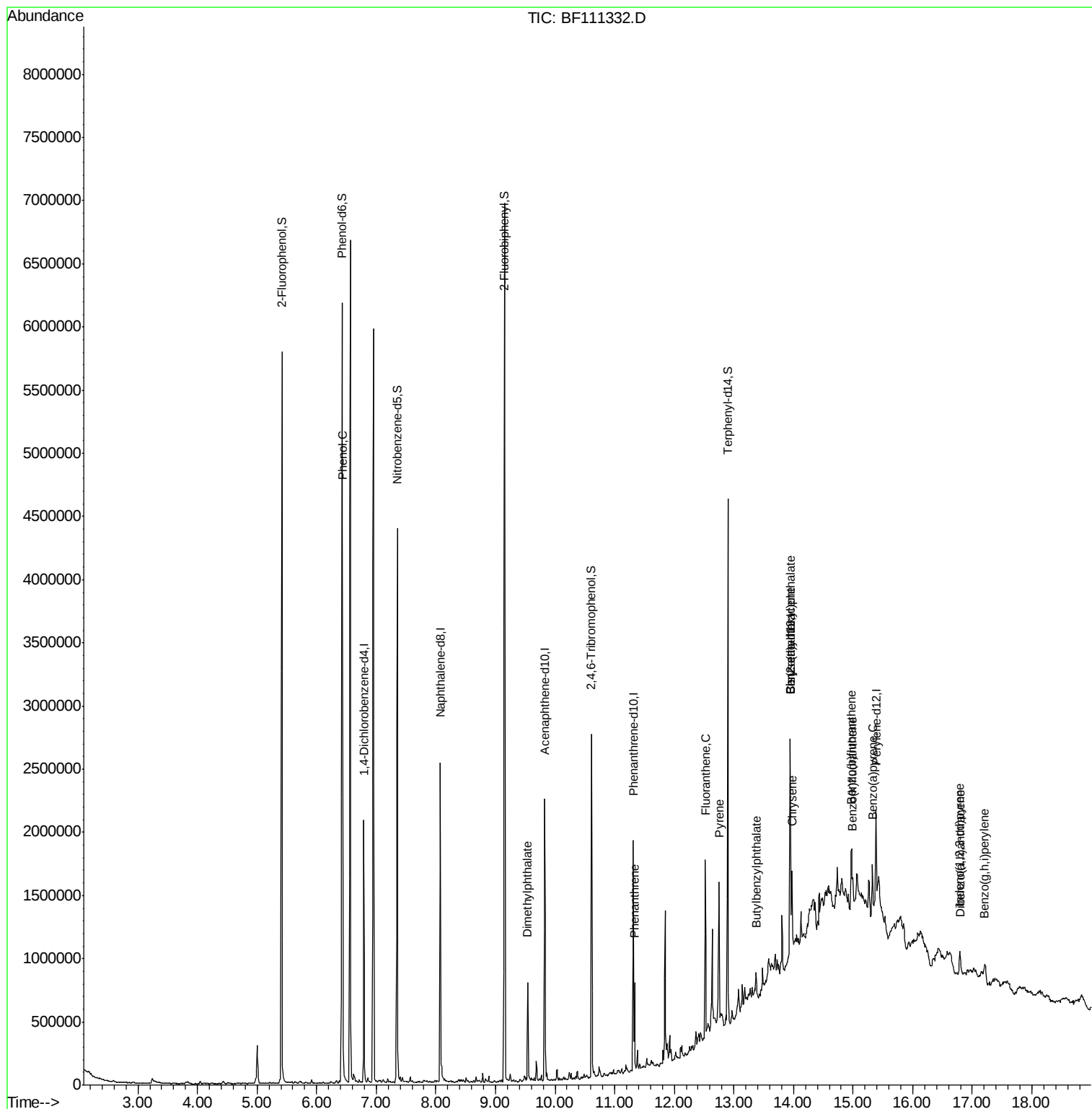
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Data File : BF111332.D
Acq On : 12 Dec 2018 20:11
Operator : JU/SJ
Sample : J6214-21
Misc :
ALS Vial : 12 Sample Multiplier: 1

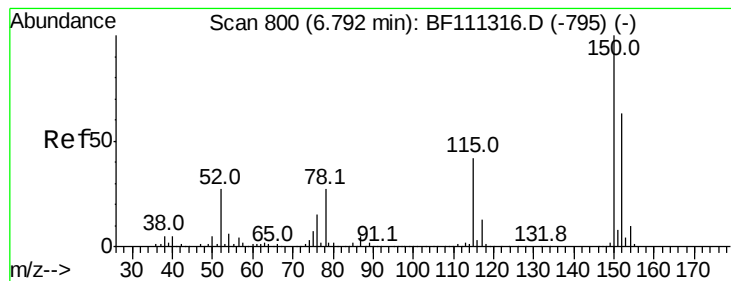
Instrument :
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ClientSampleId :
SB-8(0-2)

Quant Time: Dec 13 03:39:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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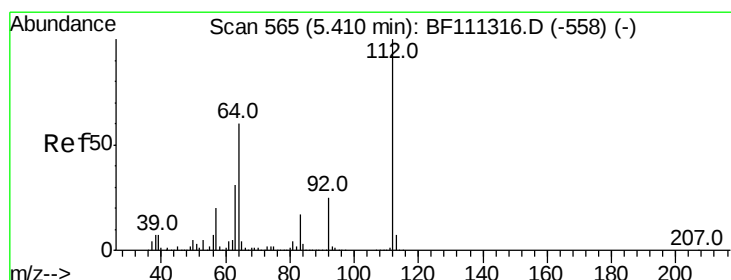
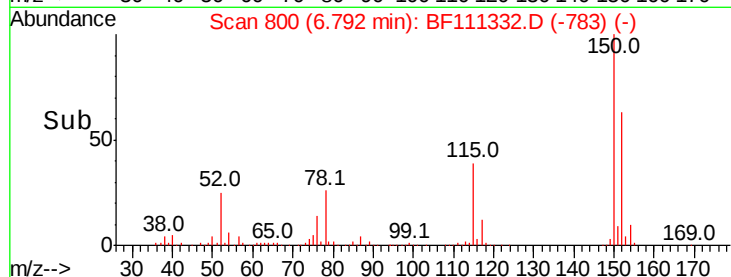
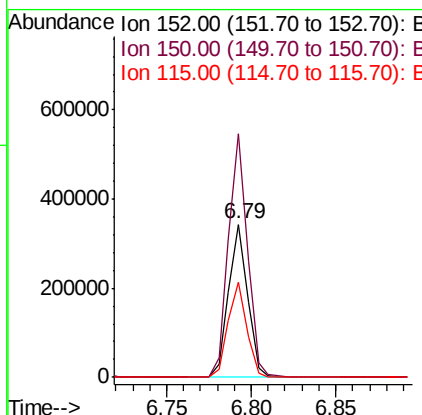
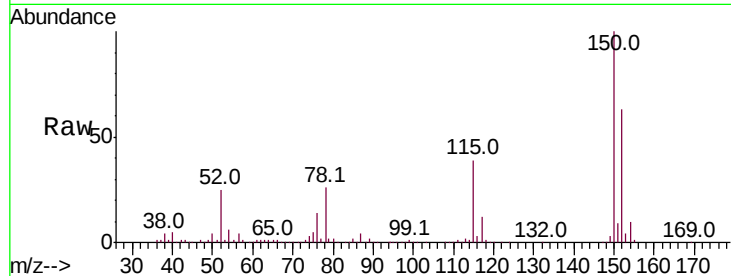
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF111332.D
 Acq: 12 Dec 2018 20:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.6	189.8
115	61.7	50.7	76.1

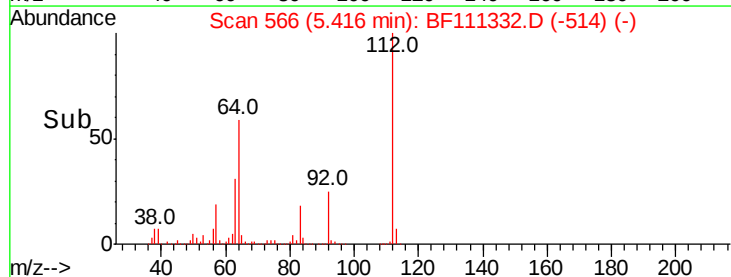
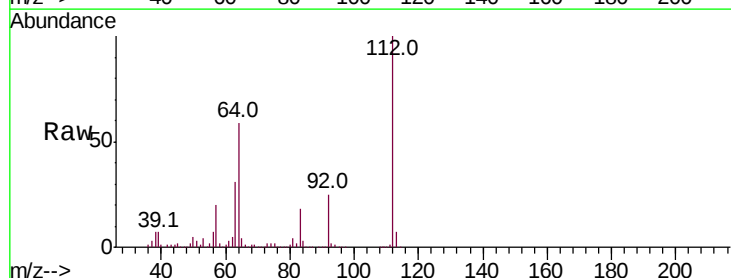
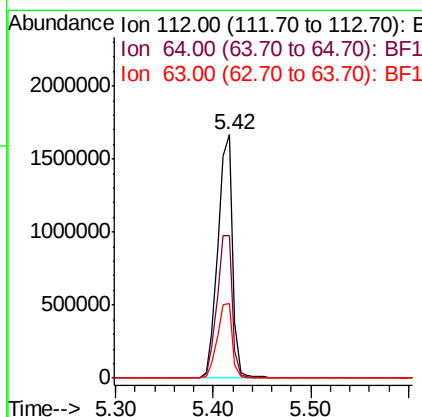
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#5
 2-Fluorophenol
 Concen: 109.147 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF111332.D
 Acq: 12 Dec 2018 20:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	51.8	77.6
63	30.9	26.8	40.2





#7

Phenol-d6

Concen: 103.822 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111332.D

Acq: 12 Dec 2018 20:11

Instrument :

BNA_F

ClientSampleId :

SB-8(0-2)

Tot Ion: 99 Resp: 2232763

Ion Ratio Lower Upper

99 100

42 22.2 17.4 26.0

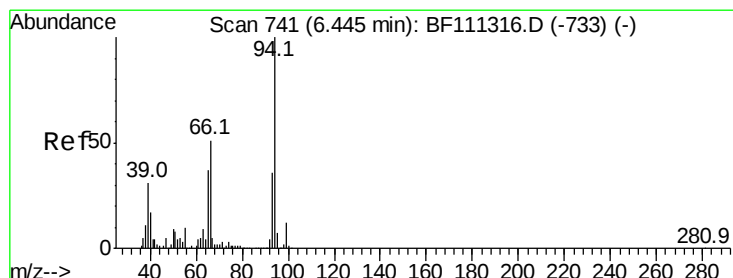
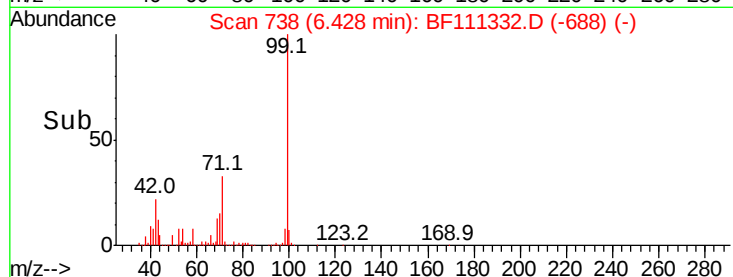
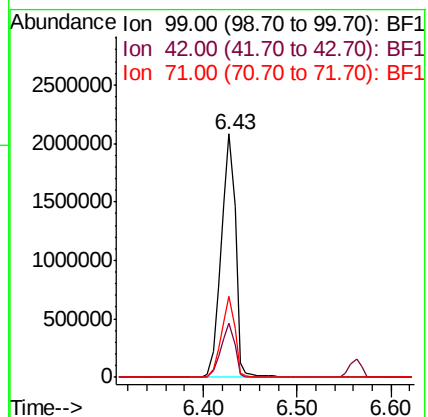
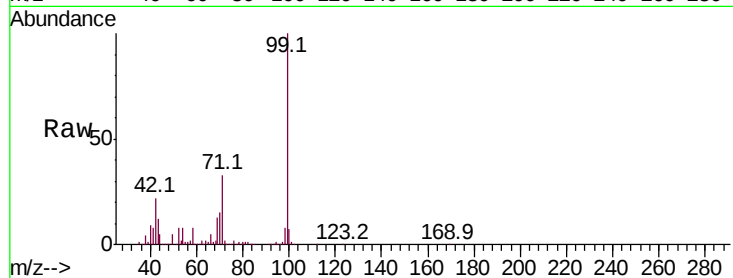
71 33.3 26.1 39.1

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#10

Phenol

Concen: 6.321 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111332.D

Acq: 12 Dec 2018 20:11

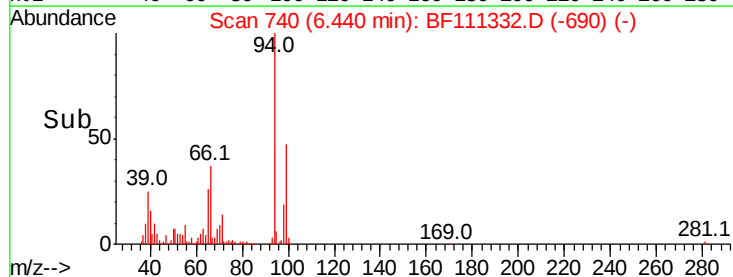
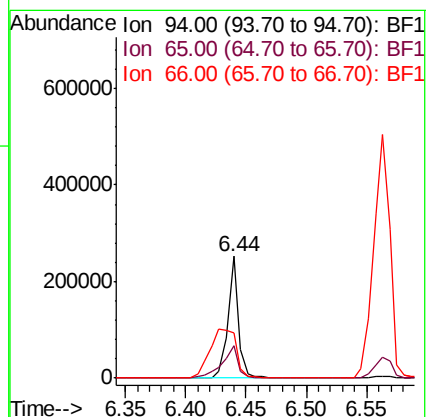
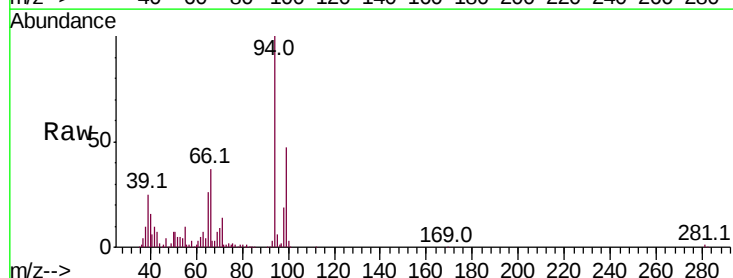
Tgt Ion: 94 Resp: 153989

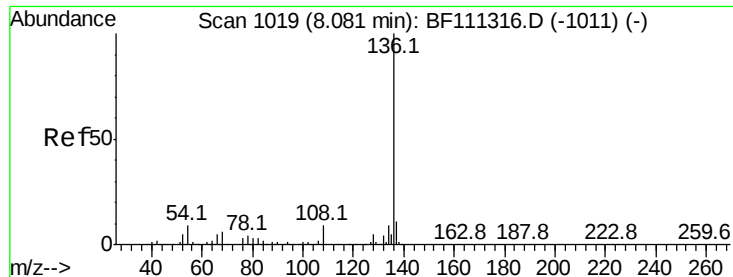
Ion Ratio Lower Upper

94 100

65 26.4 11.7 51.7

66 36.8 21.0 61.0





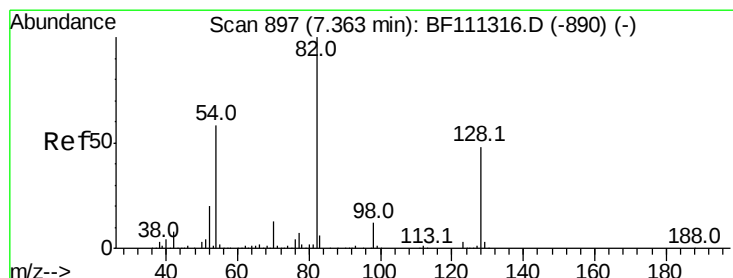
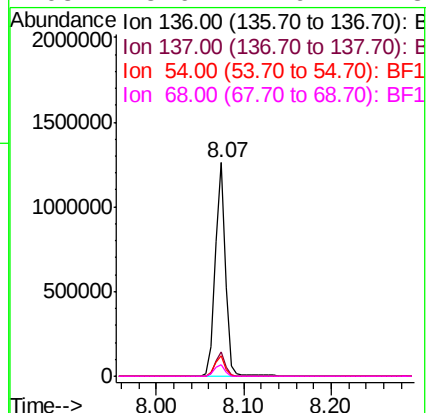
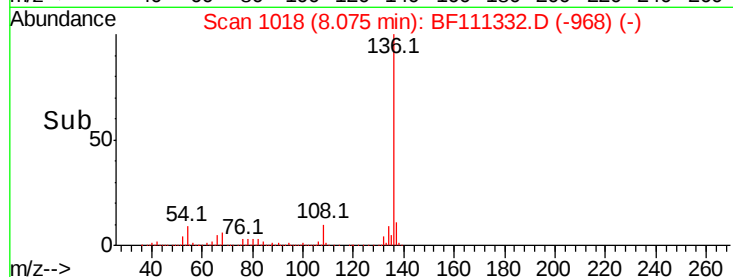
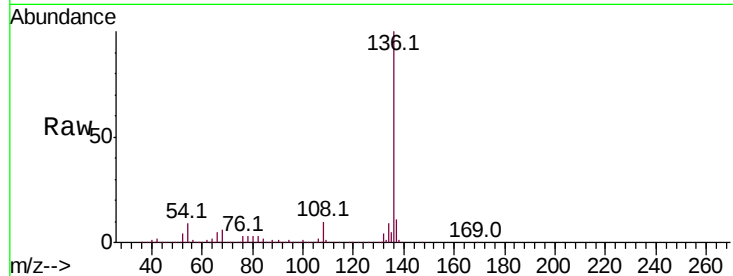
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111332.D
Acq: 12 Dec 2018 20:11

Instrument :
BNA_F
ClientSampleId :
SB-8(0-2)

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.4	7.7	11.5
68	5.6	4.9	7.3

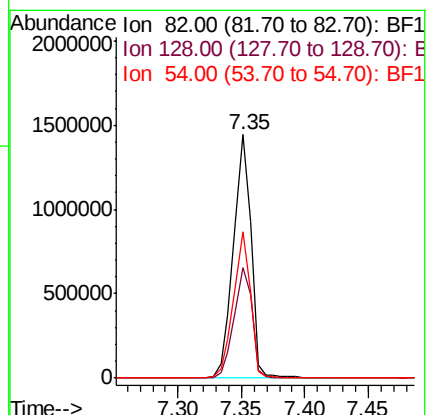
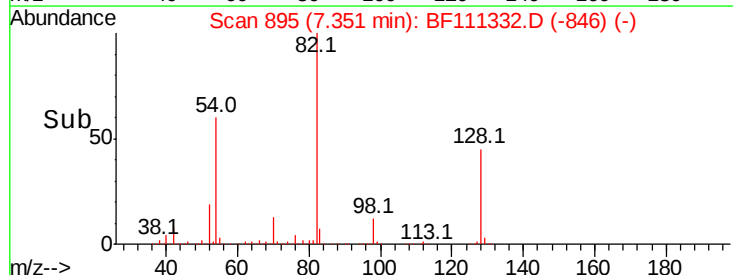
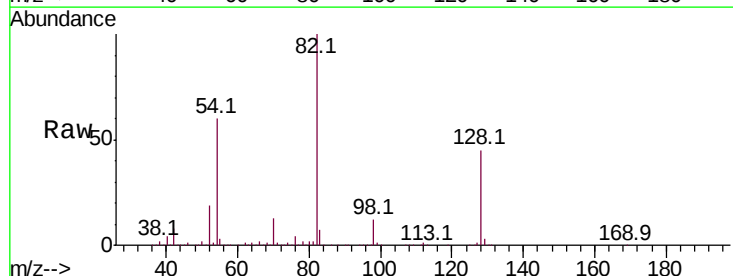
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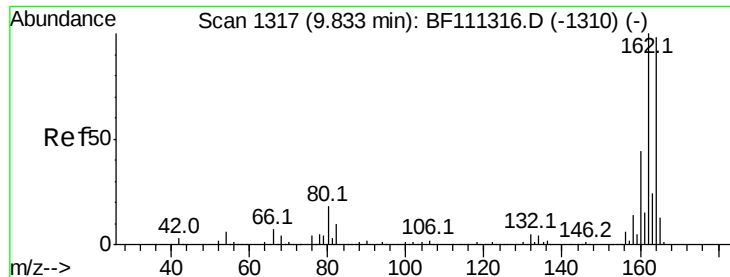
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#23
Nitrobenzene-d5
Concen: 76.111 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111332.D
Acq: 12 Dec 2018 20:11

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.3	37.4	56.2
54	59.9	47.6	71.4





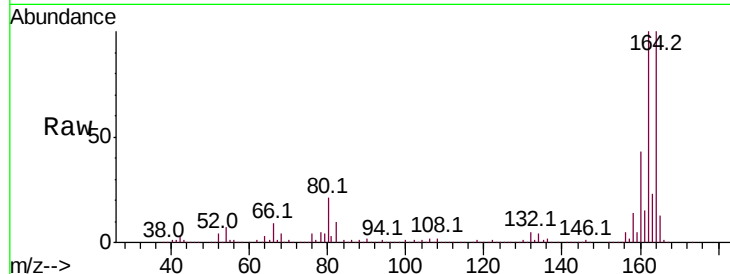
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111332.D
Acq: 12 Dec 2018 20:11

Instrument :
BNA_F
ClientSampleId :
SB-8(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	406164		
162	100.1	81.4	122.0	
160	43.4	35.7	53.5	

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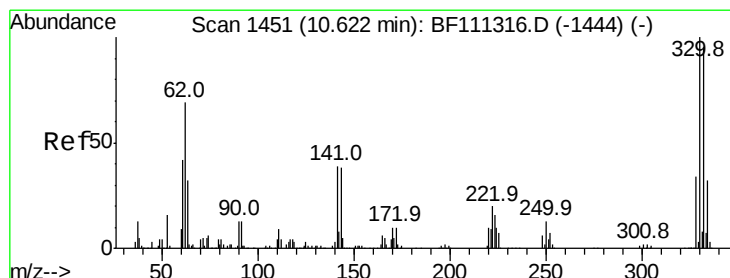
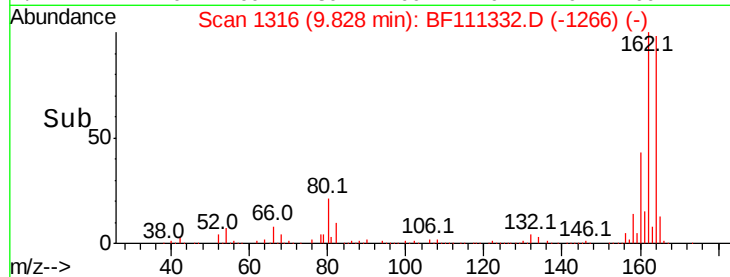
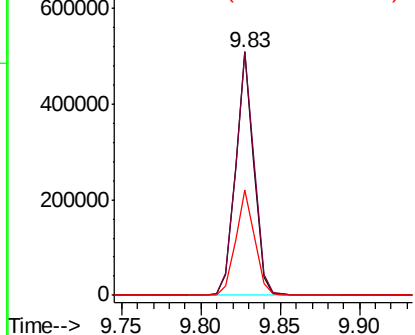


Abundance

Ion 164.00 (163.70 to 164.70): E

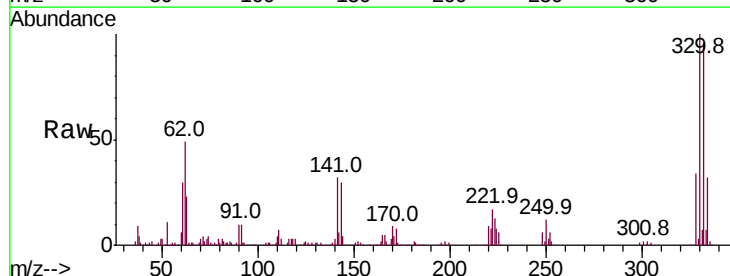
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 86.241 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111332.D
Acq: 12 Dec 2018 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	308777		
332	96.0	76.0	114.0	
141	38.6	31.0	46.6	

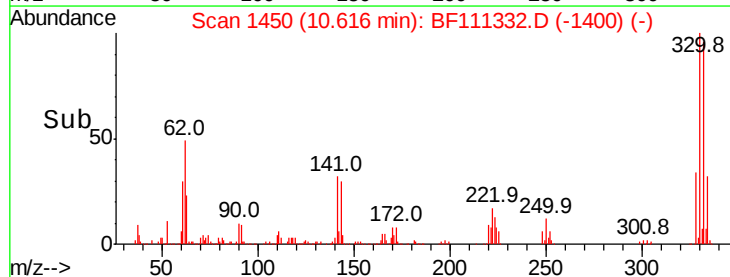
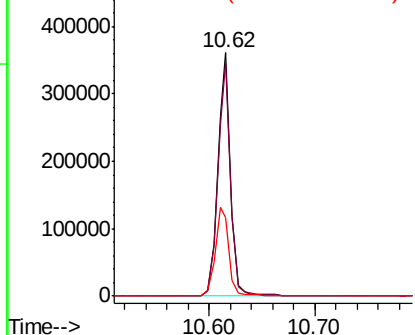


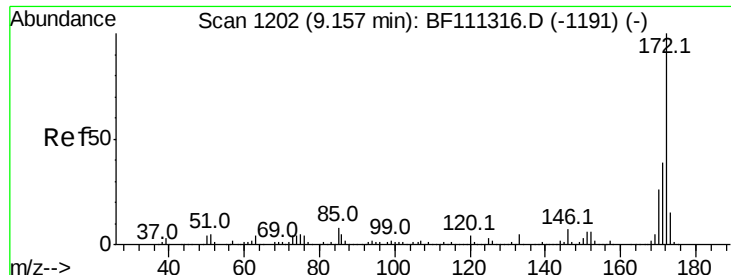
Abundance

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





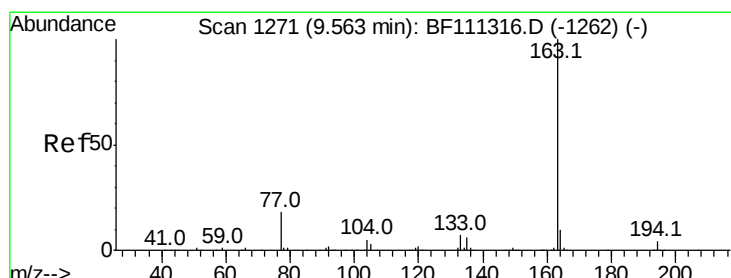
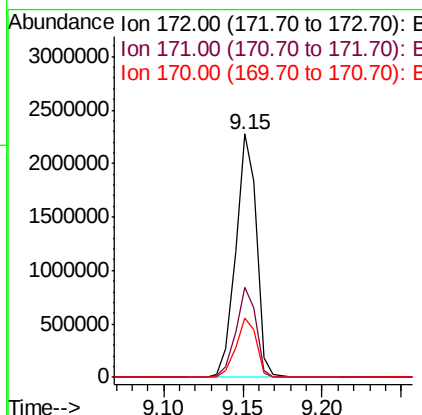
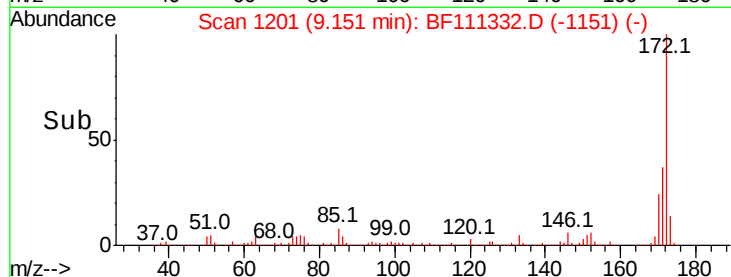
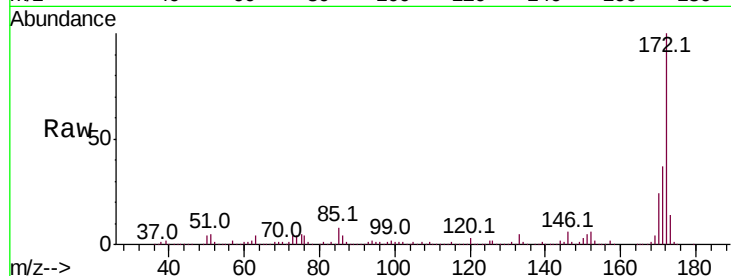
#45
 2-Fluorobiphenyl
 Concen: 81.766 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111332.D
 Acq: 12 Dec 2018 20:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(0-2)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	33.0	49.4
170	24.5	22.3	33.5

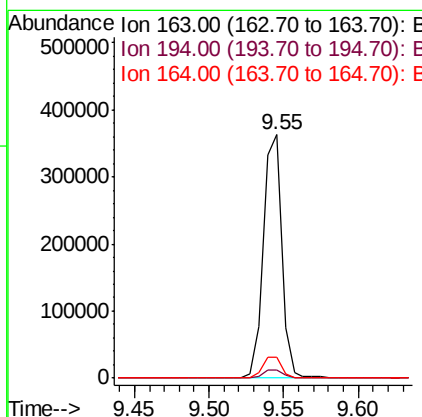
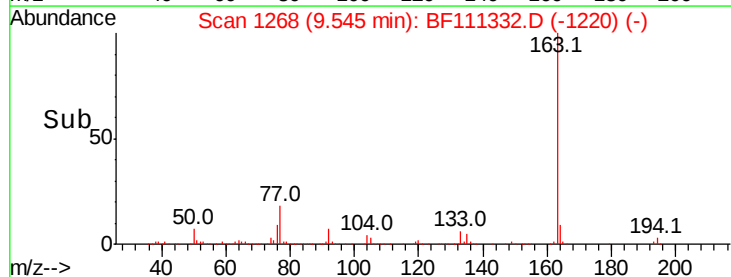
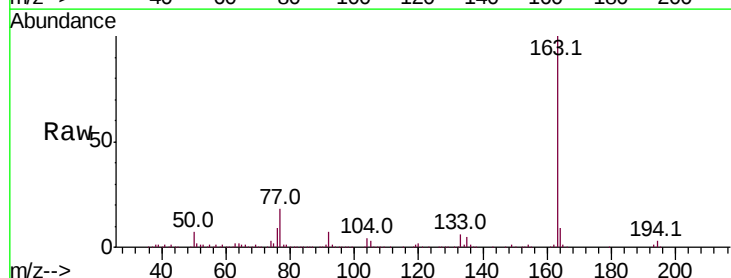
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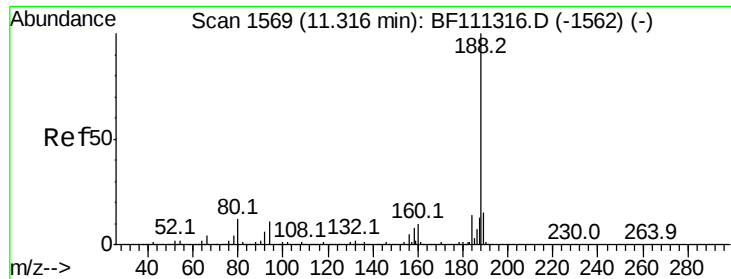
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#50
 Dimethylphthalate
 Concen: 10.579 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.02 min
 Lab File: BF111332.D
 Acq: 12 Dec 2018 20:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.6
164	8.5	8.9	13.3#





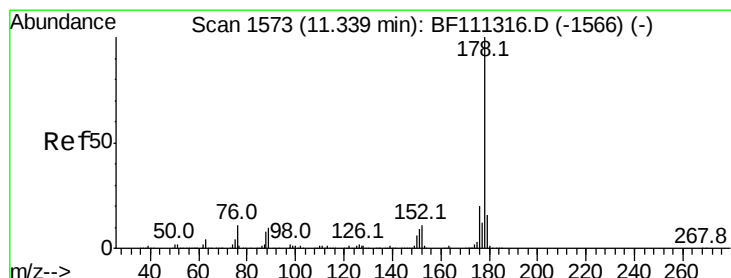
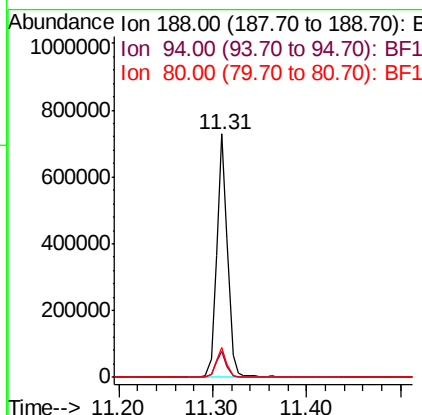
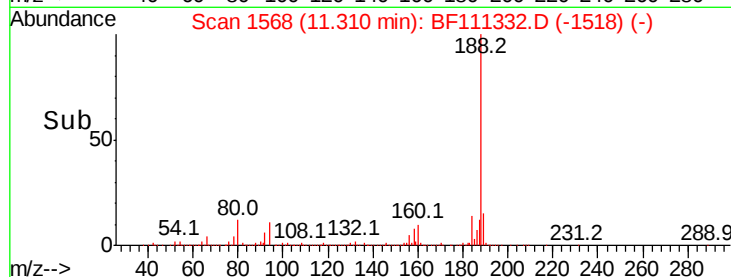
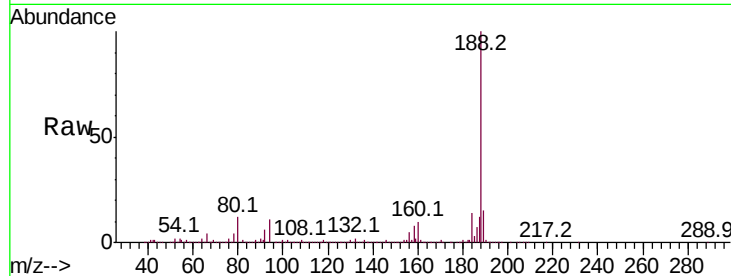
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111332.D
Acq: 12 Dec 2018 20:11

Instrument :
BNA_F
ClientSampleId :
SB-8(0-2)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.6	9.6	14.4
80	12.3	9.8	14.6

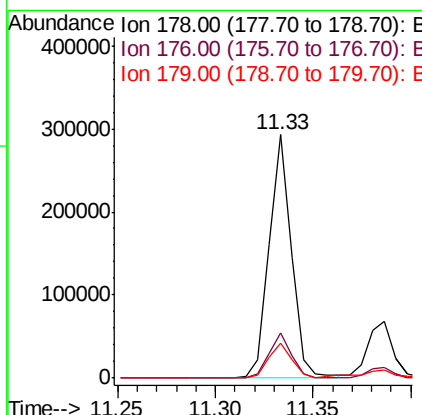
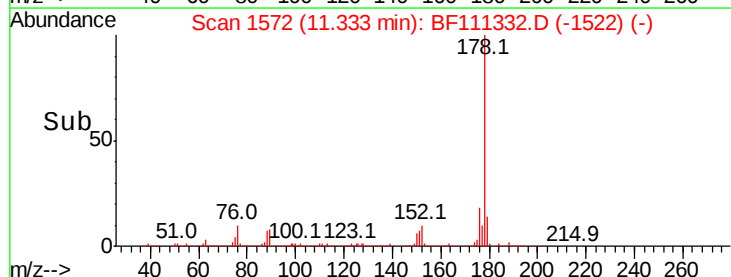
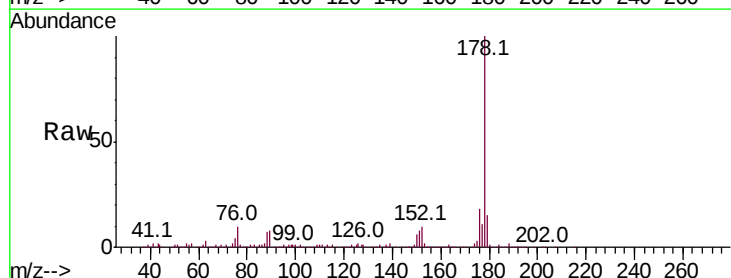
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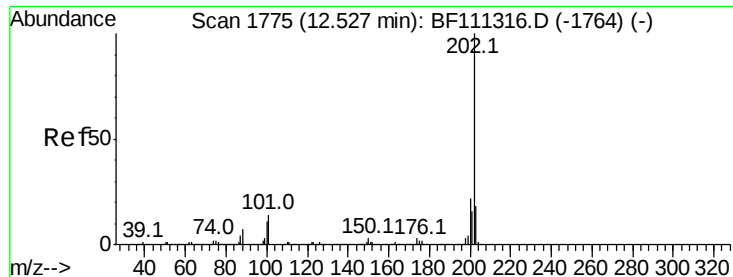
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#71
Phenanthrene
Concen: 7.567 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111332.D
Acq: 12 Dec 2018 20:11

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.4	18.1	27.1
179	14.5	14.0	21.0





#75

Fluoranthene

Concen: 17.213 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF111332.D

Acq: 12 Dec 2018 20:11

Instrument :

BNA_F

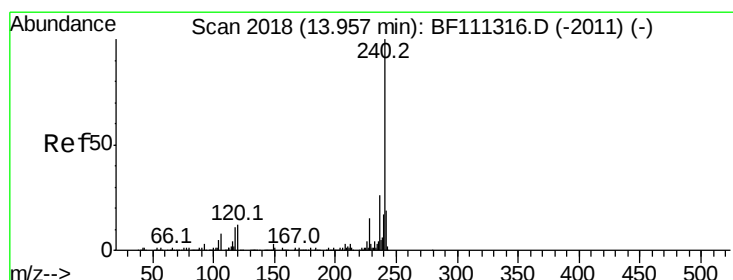
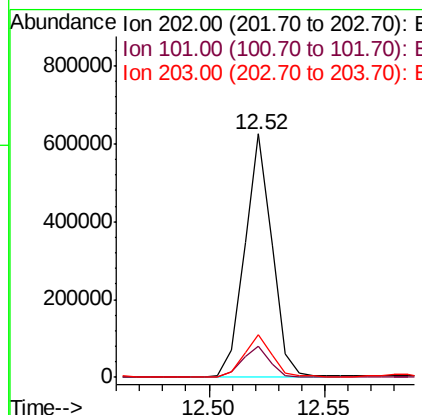
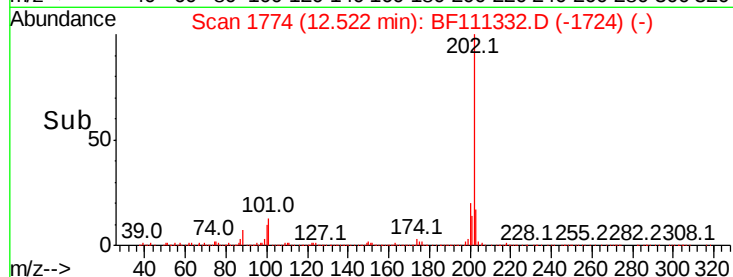
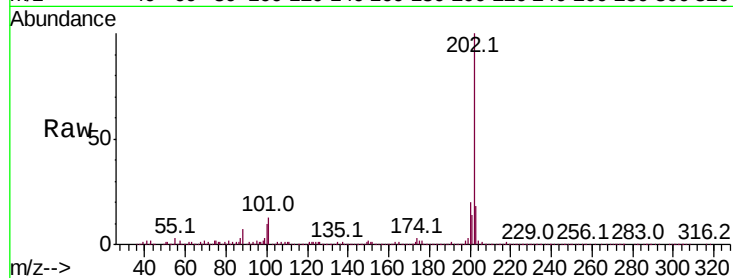
ClientSampleId :

SB-8(0-2)

Tot Ion:	202	Resp:	515184
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	33.8
203	17.5	0.0	38.6

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#76

Chrysene-d12

Concen: 20.000 ng

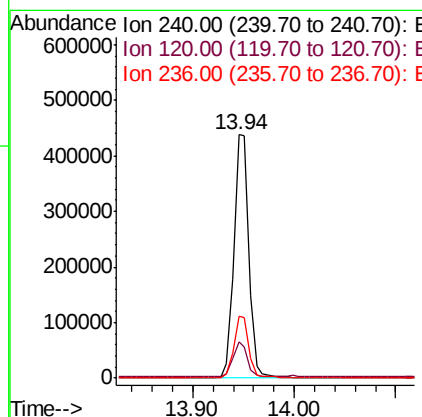
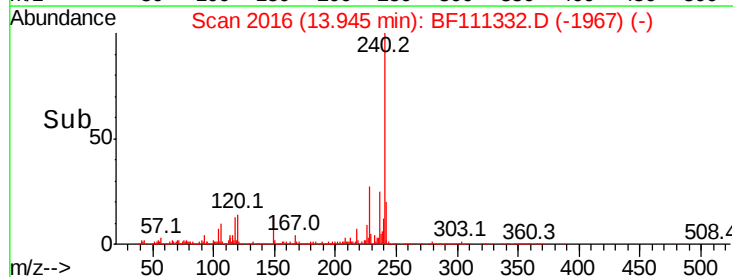
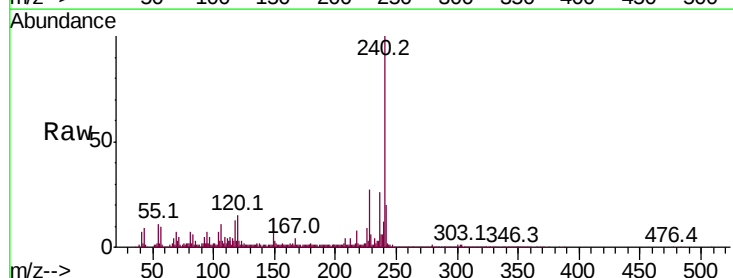
RT: 13.94 min Scan# 2016

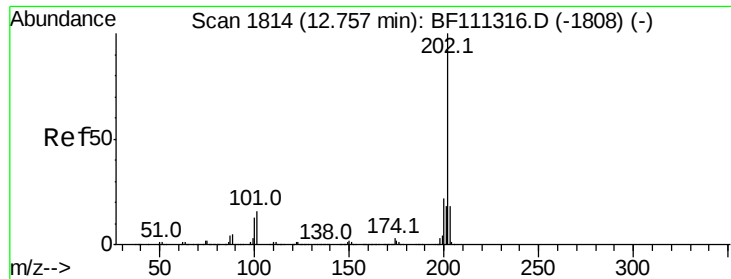
Delta R.T. -0.01 min

Lab File: BF111332.D

Acq: 12 Dec 2018 20:11

Tgt Ion:	240	Resp:	449671
Ion Ratio	Lower	Upper	
240	100		
120	15.0	12.2	18.2
236	25.5	20.2	30.2





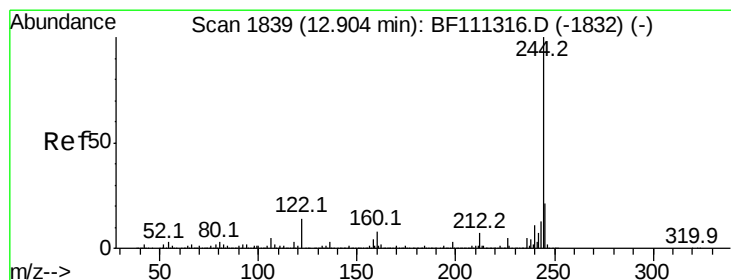
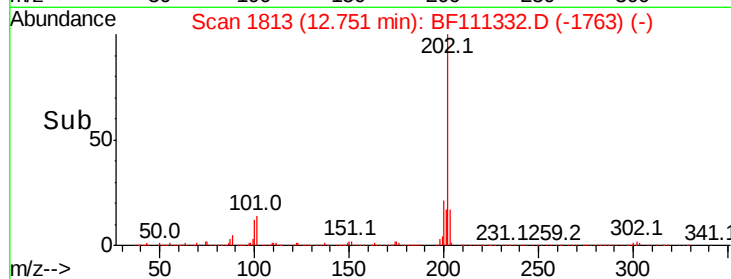
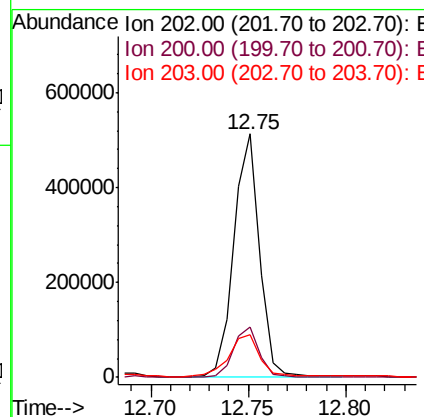
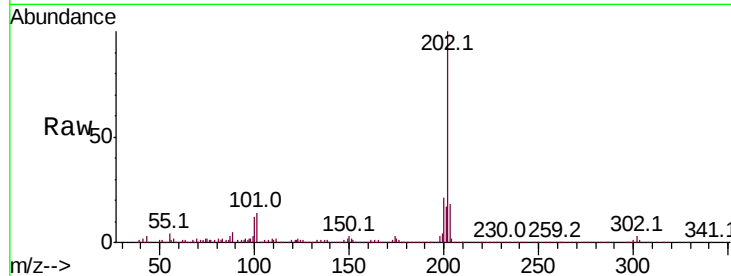
#78
Pvrene
Concen: 13.397 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF111332.D
Acq: 12 Dec 2018 20:11

Instrument :
BNA_F
ClientSampleId :
SB-8(0-2)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.6	19.0	28.4
203	17.6	15.2	22.8

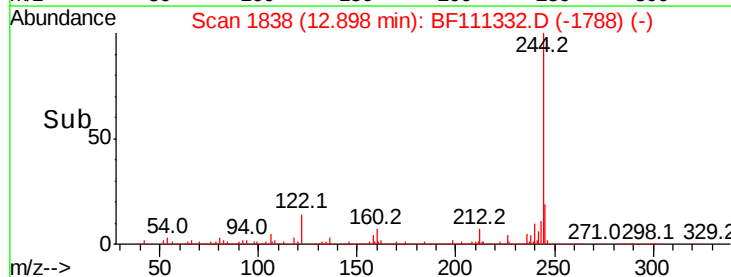
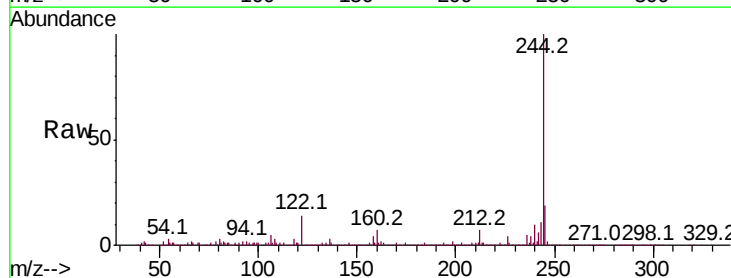
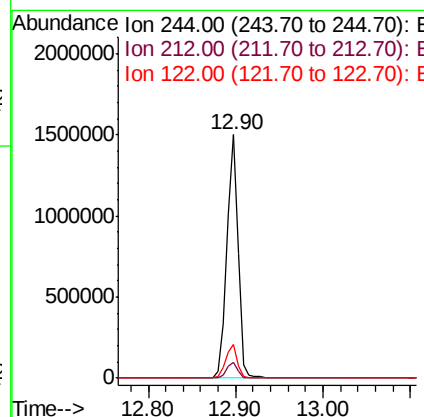
Manual Integrations
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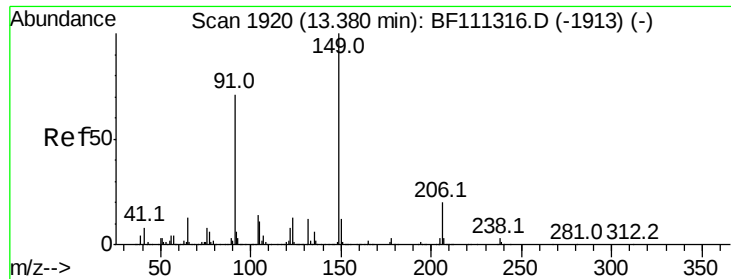
Sohil
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#79
Terphenyl-d14
Concen: 65.721 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF111332.D
Acq: 12 Dec 2018 20:11

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.7	5.7	8.5
122	14.1	13.1	19.7





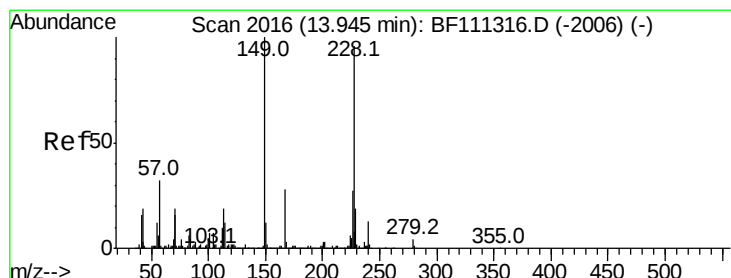
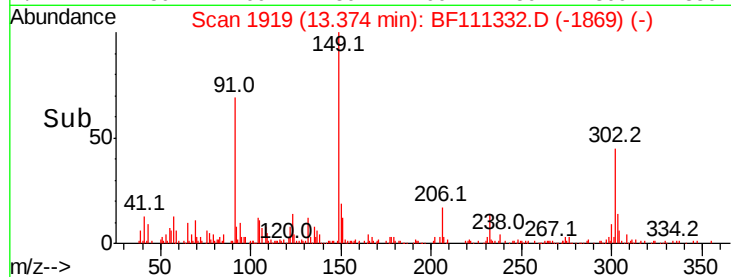
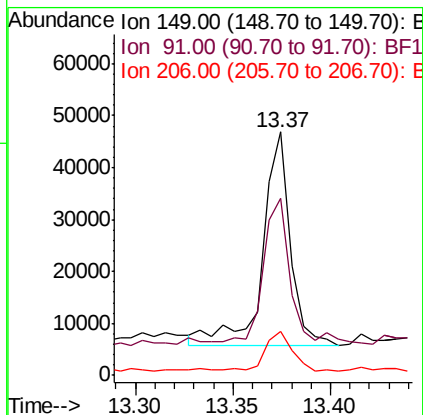
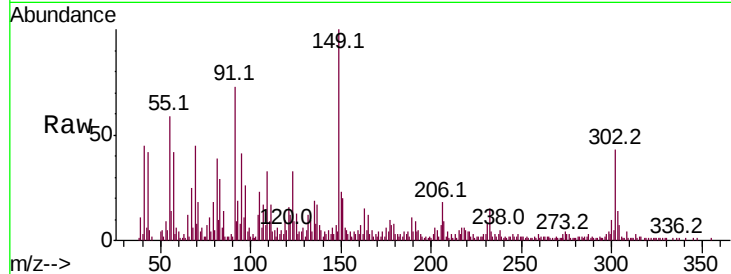
#80
Butylbenzylphthalate
Concen: 2.421 ng
RT: 13.37 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BF111332.D
Acq: 12 Dec 2018 20:11

Instrument :
BNA_F
ClientSampleId :
SB-8(0-2)

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.8	63.8	95.6
206	18.2	15.1	22.7

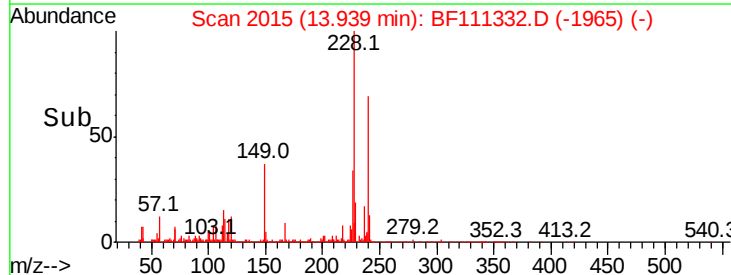
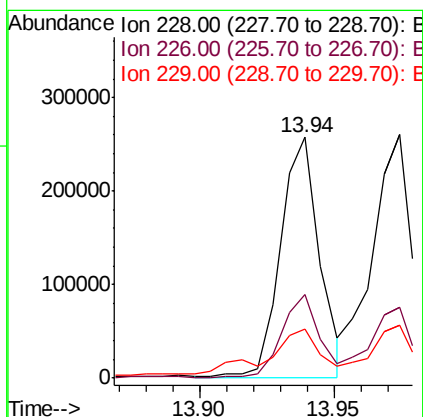
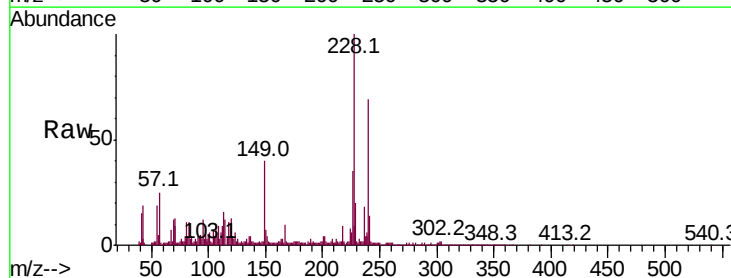
Manual Integrations
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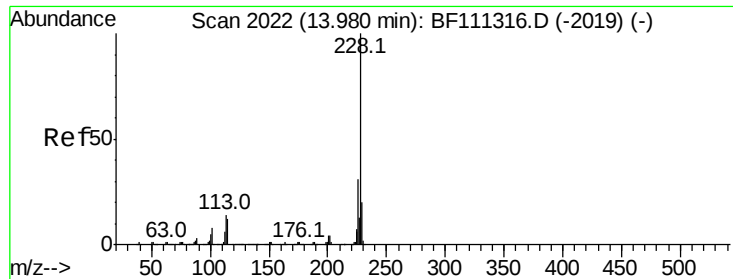
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#81
Benzo(a)anthracene
Concen: 10.384 ng m
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111332.D
Acq: 12 Dec 2018 20:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.9	22.6	34.0#
229	20.3	16.3	24.5





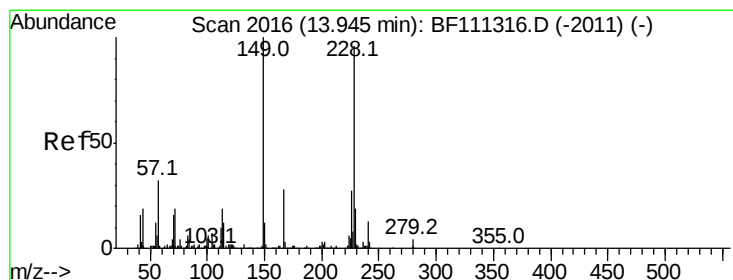
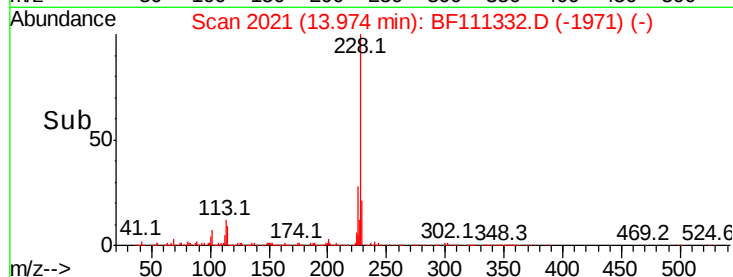
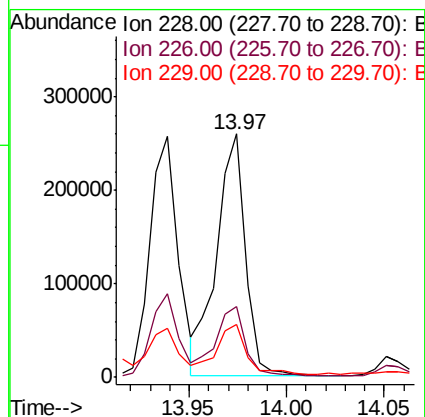
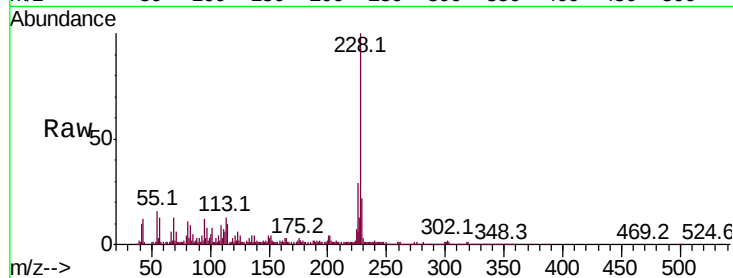
#83
Chrysene
Concen: 10.330 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111332.D
Acq: 12 Dec 2018 20:11

Instrument :
BNA_F
ClientSampleId :
SB-8(0-2)

Tot Ion:228	Resp:	265173
Ion Ratio	Lower	Upper
228 100		
226 28.9	25.3	37.9
229 21.7	17.2	25.8

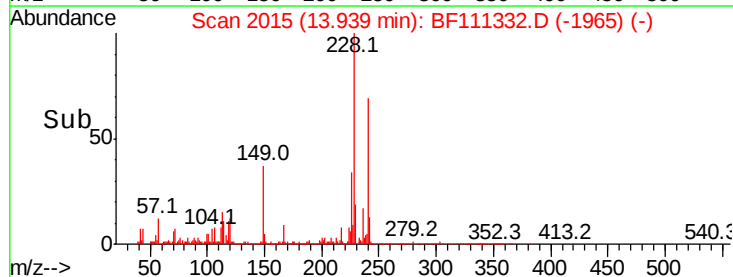
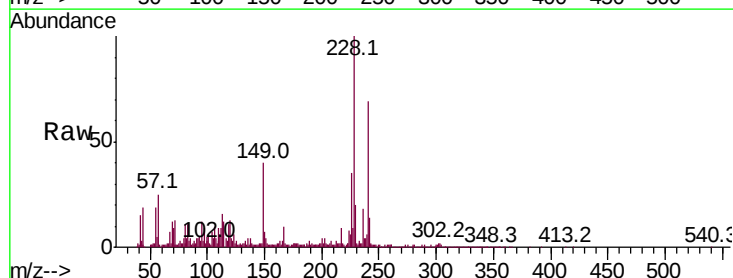
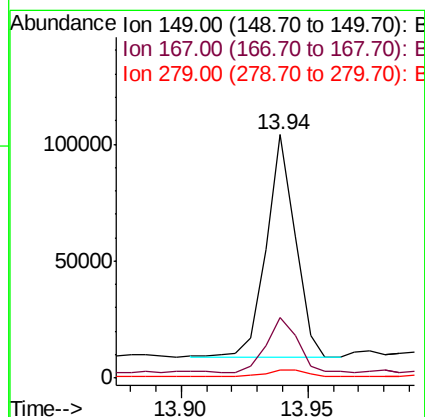
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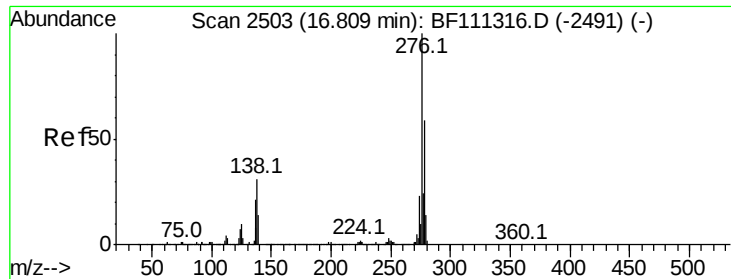
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 3.677 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111332.D
Acq: 12 Dec 2018 20:11

Tgt Ion:149	Resp:	74899
Ion Ratio	Lower	Upper
149 100		
167 25.0	22.5	33.7
279 3.5	2.6	4.0





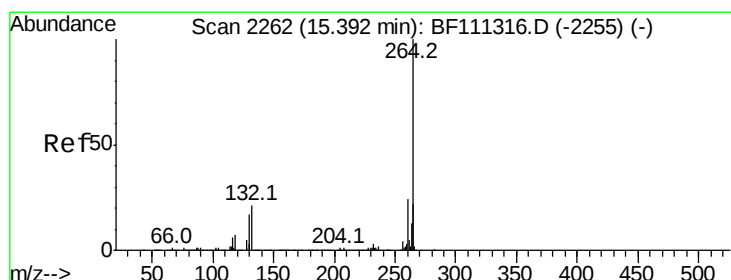
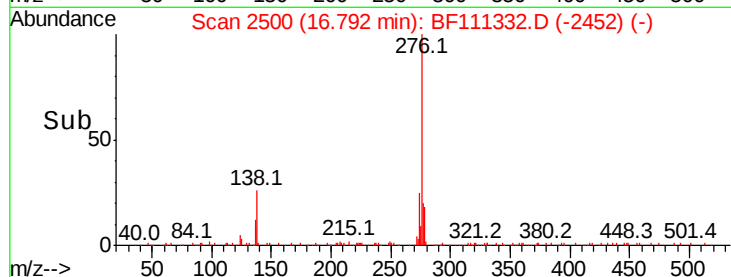
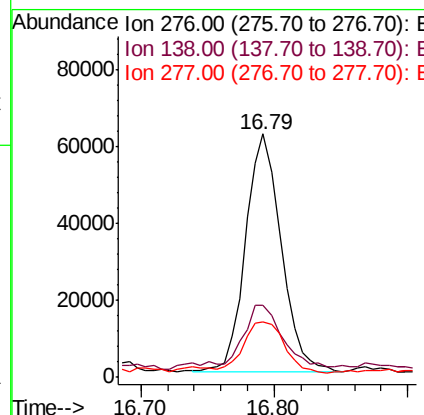
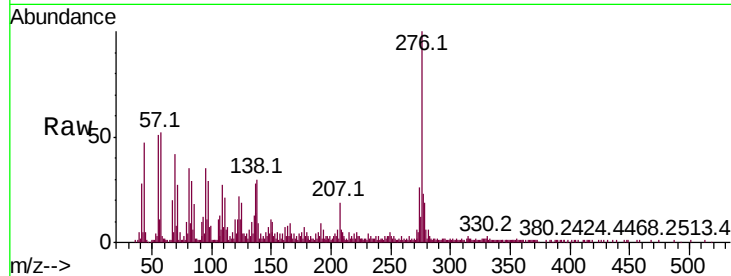
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.699 ng
RT: 16.79 min Scan# 2500
Delta R.T. -0.02 min
Lab File: BF111332.D
Acq: 12 Dec 2018 20:11

Instrument :
BNA_F
ClientSampleId :
SB-8(0-2)

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.4	27.8	41.6
277	24.3	20.1	30.1

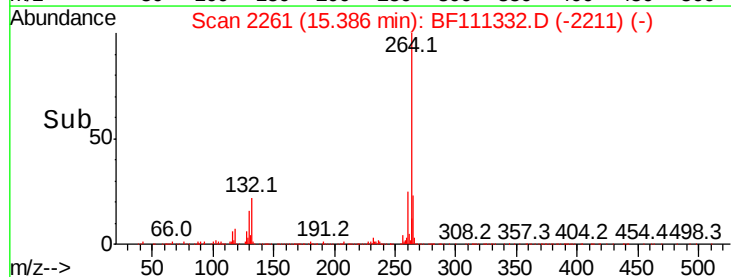
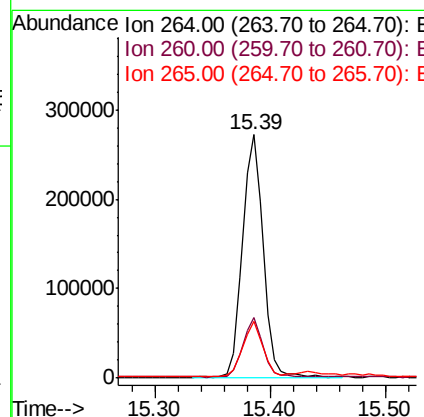
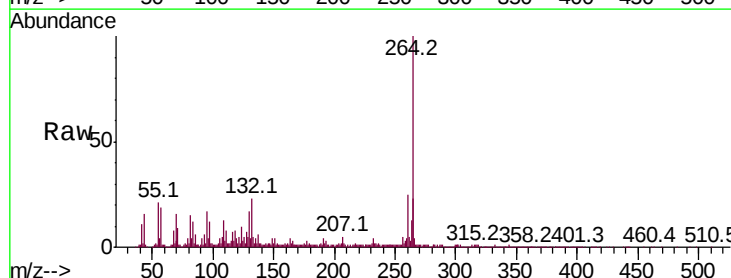
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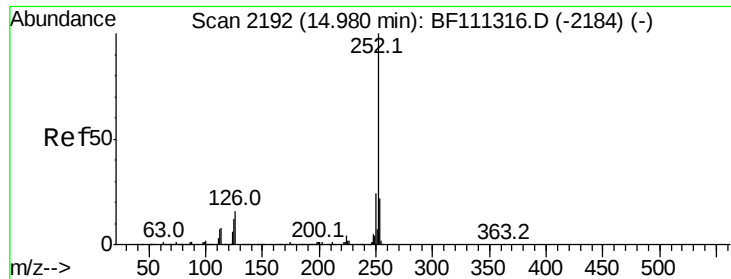
Sohil
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF111332.D
Acq: 12 Dec 2018 20:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.3	27.5
265	23.2	17.7	26.5





#88

Benzo(b)fluoranthene

Concen: 14.626 ng m

RT: 14.97 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BF111332.D

Acq: 12 Dec 2018 20:11

Instrument :

BNA_F

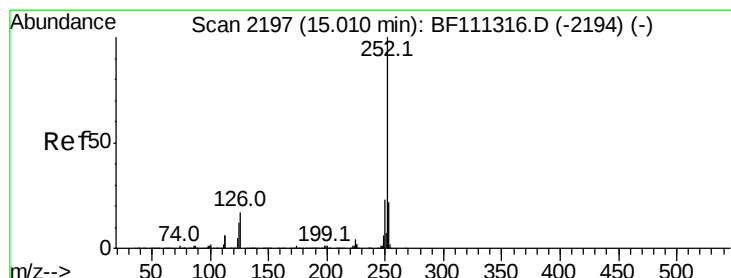
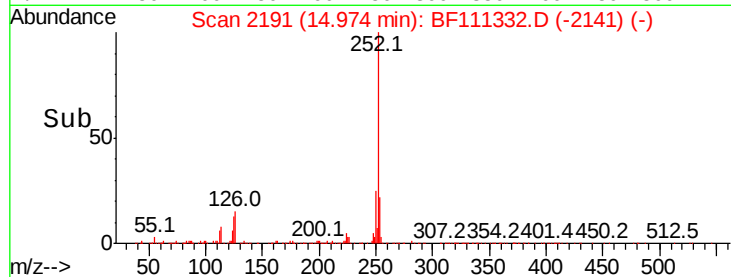
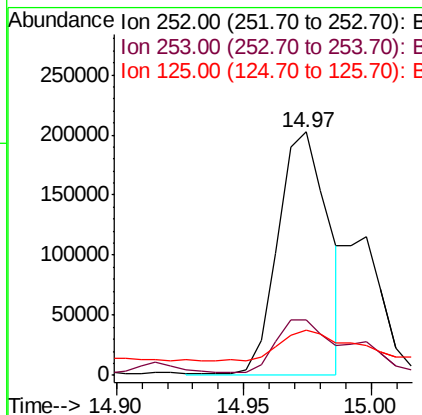
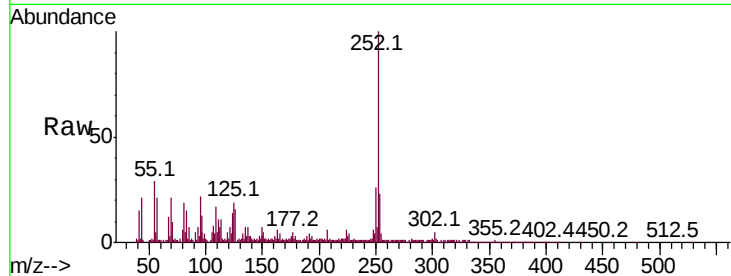
ClientSampleId :

SB-8(0-2)

Tot Ion:	252	Resp:	280456
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.2	27.2
125	18.8	10.4	15.6#

Manual Integrations
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#89

Benzo(k)fluoranthene

Concen: 6.175 ng m

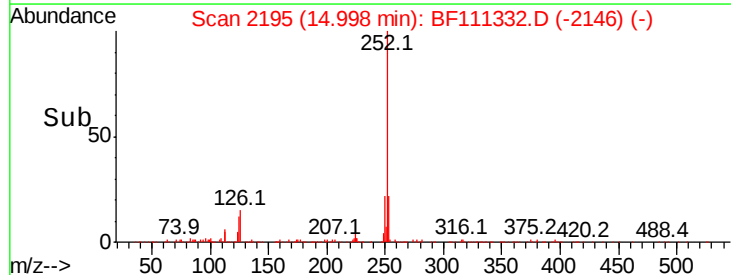
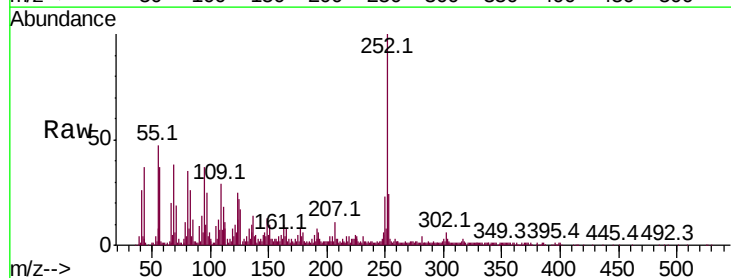
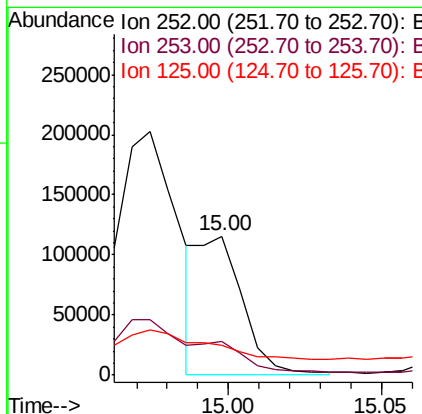
RT: 15.00 min Scan# 2195

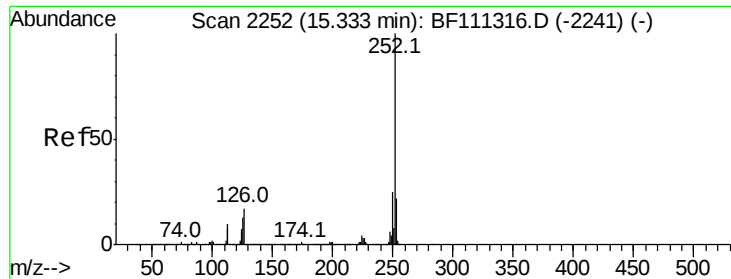
Delta R.T. -0.01 min

Lab File: BF111332.D

Acq: 12 Dec 2018 20:11

Tgt Ion:	252	Resp:	118202
Ion Ratio	Lower	Upper	
252	100		
253	24.0	18.1	27.1
125	21.8	9.8	14.8#





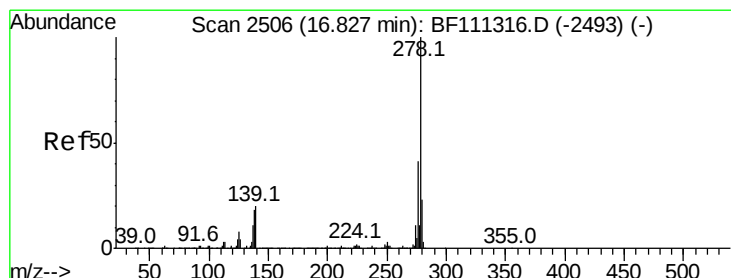
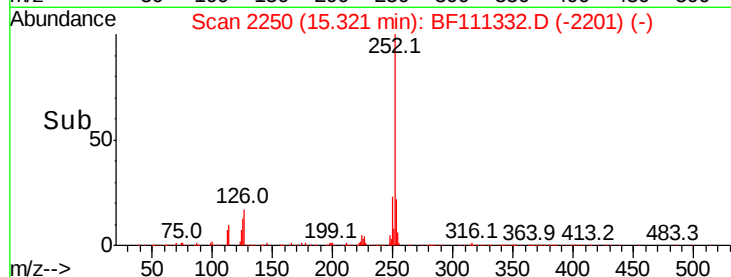
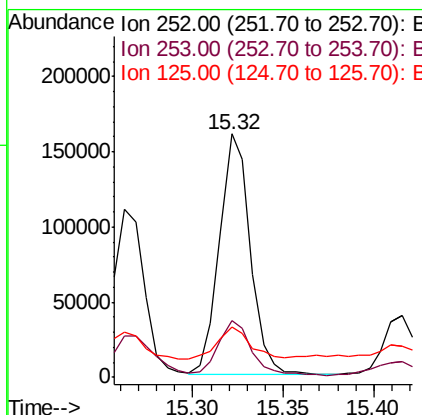
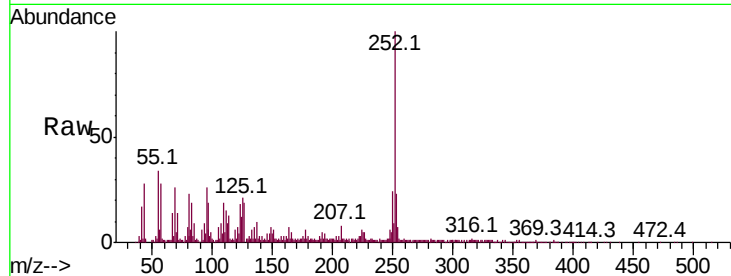
#90
Benzo(a)pyrene
Concen: 10.619 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF111332.D
Acq: 12 Dec 2018 20:11

Instrument :
BNA_F
ClientSampleId :
SB-8(0-2)

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.4	17.8	26.8
125	20.9	12.3	18.5#

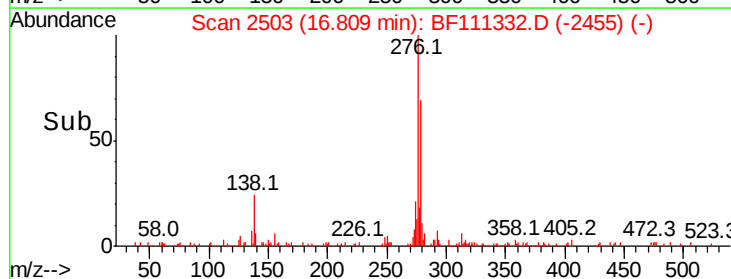
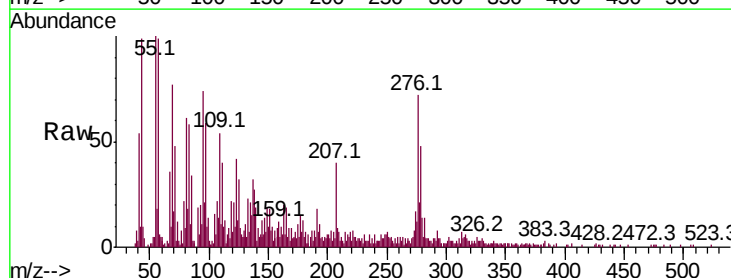
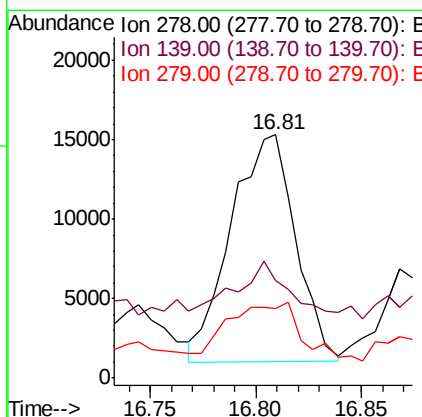
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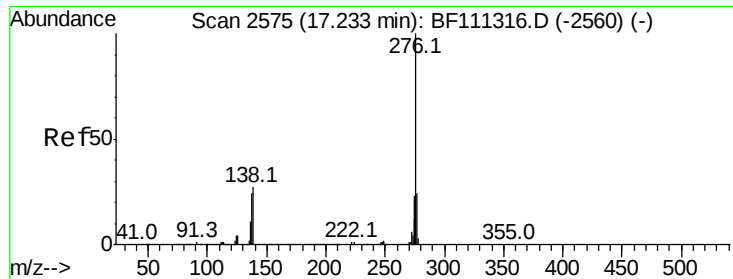
Sohil
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#91
Dibenzo(a,h)anthracene
Concen: 2.033 ng
RT: 16.81 min Scan# 2503
Delta R.T. -0.02 min
Lab File: BF111332.D
Acq: 12 Dec 2018 20:11

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	40.3	18.2	27.4#
279	28.5	19.0	28.6





#92
 Benzo(a,h,i)perylene
 Concen: 7.149 ng
 RT: 17.22 min Scan# 2572
 Delta R.T. -0.02 min
 Lab File: BF111332.D
 Acq: 12 Dec 2018 20:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(0-2)

Tot Ion:	276	Resp:	106180
Ion Ratio		Lower	Upper
276	100		
277	27.0	19.2	28.8
138	35.4	24.9	37.3

Manual Integrations
 APPROVED

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 12/13/2018 6:06:17 PM

