

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF021218\
 Data File : BF102911.D
 Acq On : 12 Feb 2018 11:02
 Operator : SJ/JU
 Sample : J1507-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-214

Manual Integrations
 APPROVED

Sohil
 2/13/2018 11:25:10 AM

Quant Time: Feb 12 12:12:05 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	184767	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	756254	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	312517	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	456400	20.00	ng	0.00
75) Chrysene-d12	14.05	240	336689	20.00	ng	0.00
86) Perylene-d12	15.54	264	362500	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1171529	96.29	ng	0.02
7) Phenol-d6	6.52	99	1362577	93.01	ng	0.01
23) Nitrobenzene-d5	7.45	82	902668	82.80	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	234285	93.14	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1305372	69.31	ng	0.00
78) Terphenyl-d14	13.00	244	828776	58.28	ng	0.00
Target Compounds						
10) Phenol	6.52	94	74523	4.747	ng	85
49) Dimethylphthalate	9.63	163	145934	5.989	ng	100
70) Phenanthrene	11.43	178	99343	3.908	ng	97
74) Fluoranthene	12.62	202	177594	6.944	ng	96
77) Pyrene	12.86	202	161552	6.119	ng	98
80) Benzo(a)anthracene	14.04	228	81104	3.830	ng	100
82) Chrysene	14.07	228	94016	4.405	ng	97
83) Bis(2-ethylhexyl)phthalate	14.02	149	47985	2.967	ng	# 99
85) Indeno(1,2,3-cd)pyrene	17.04	276	42979	2.428	ng	96
87) Benzo(b)fluoranthene	15.10	252	114140m	4.857	ng	
89) Benzo(a)pyrene	15.47	252	77301	3.654	ng	96
91) Benzo(a,h,i)perylene	17.49	276	42393	2.522	ng	95

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

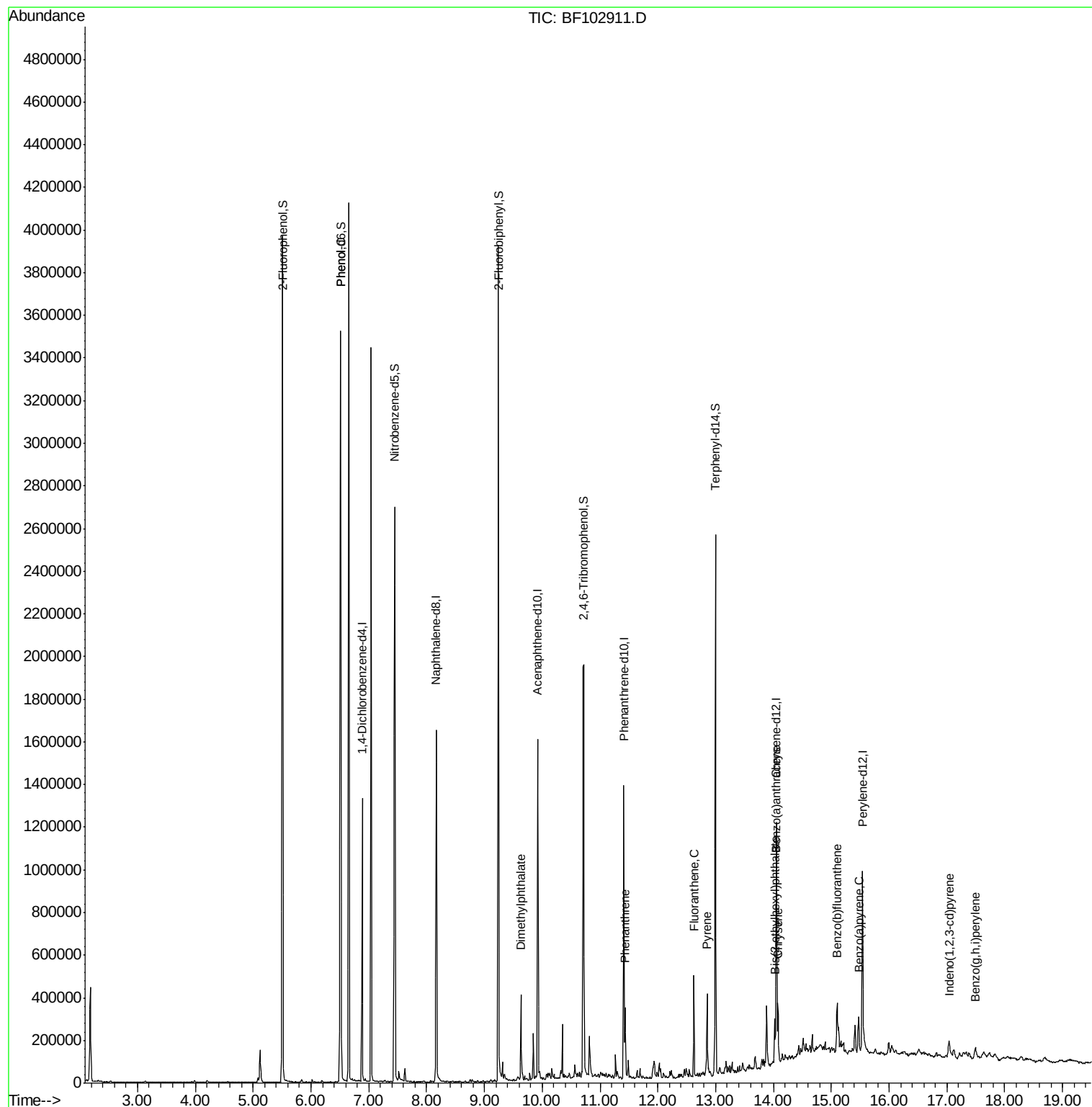
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Data File : BF102911.D
Acq On : 12 Feb 2018 11:02
Operator : SJ/JU
Sample : J1507-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

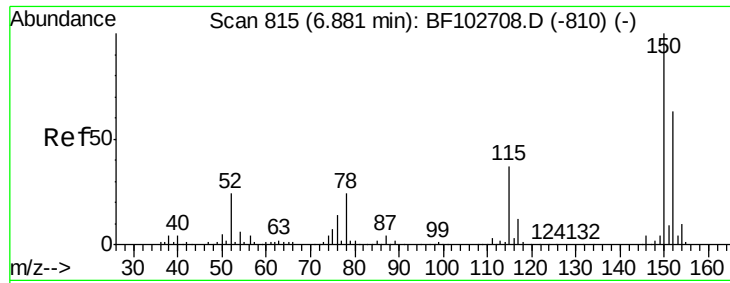
Instrument :
BNA_F
ClientSampleId :
VNJ-214

Manual Integrations
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Sohil
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Quant Time: Feb 12 12:12:05 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

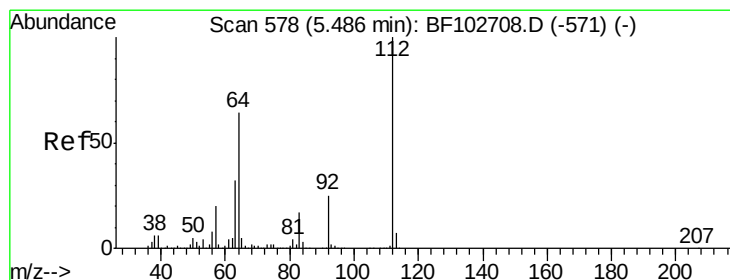
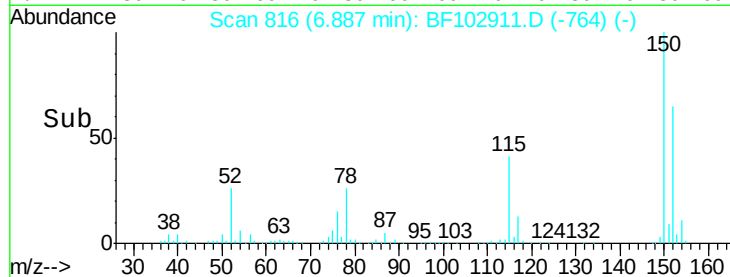
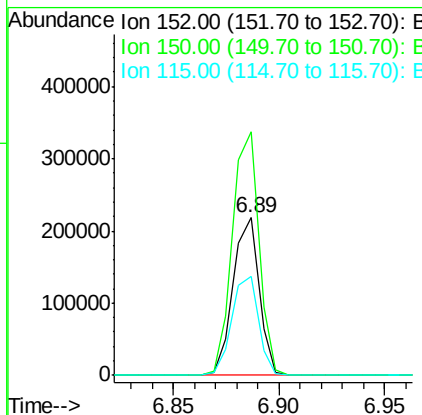
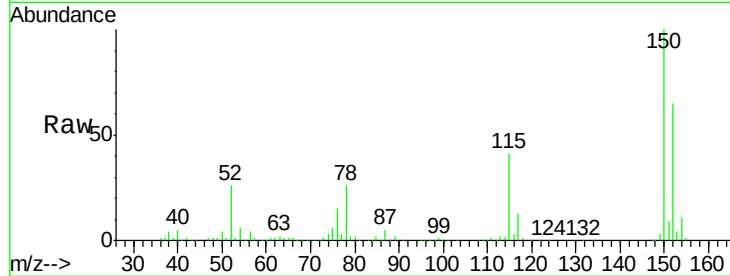
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102911.D
Acq: 12 Feb 2018 11:02

Instrument :
BNA_F
ClientSampled :
VNJ-214

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	63.3	50.1	75.1

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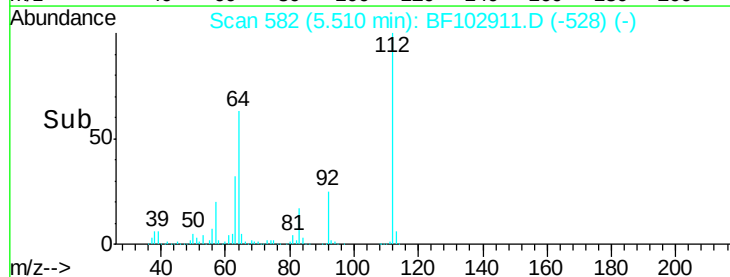
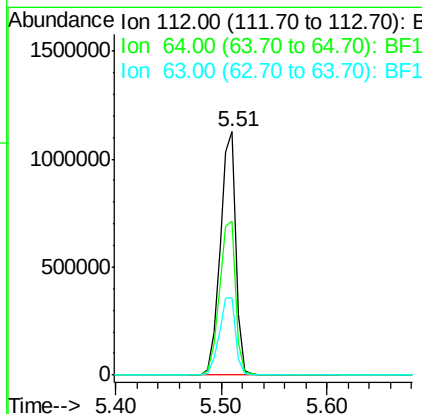
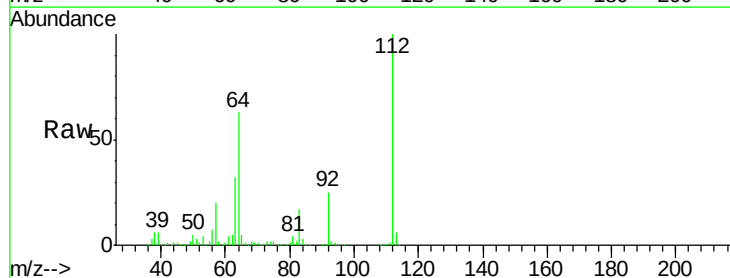
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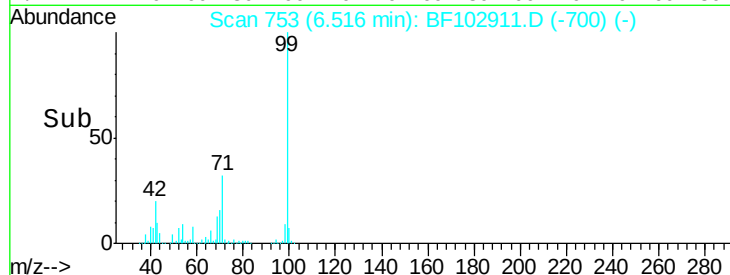
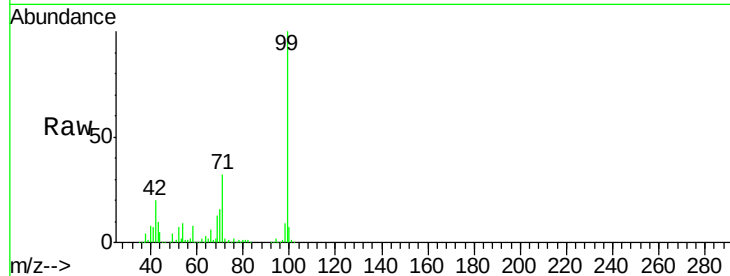
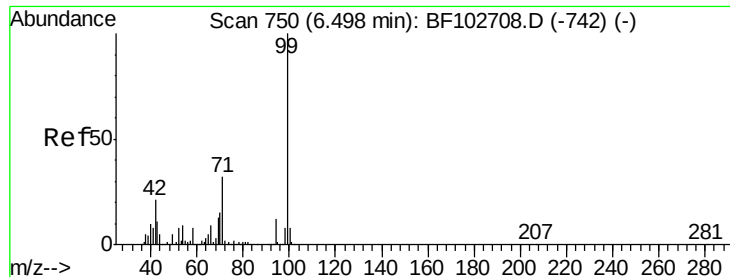


#5

2-Fluorophenol
Concen: 96.292 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF102911.D
Acq: 12 Feb 2018 11:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	47.9	71.9
63	31.8	23.7	35.5





#7

Phenol-d6

Concen: 93.014 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102911.D

Acq: 12 Feb 2018 11:02

Tot Ion:	99	Resp:	1362577
Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.5	21.7
71	32.2	25.4	38.0

Instrument :

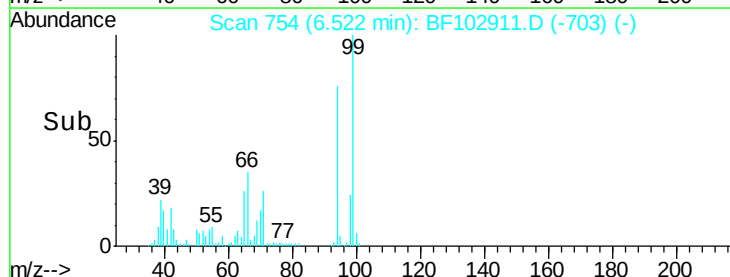
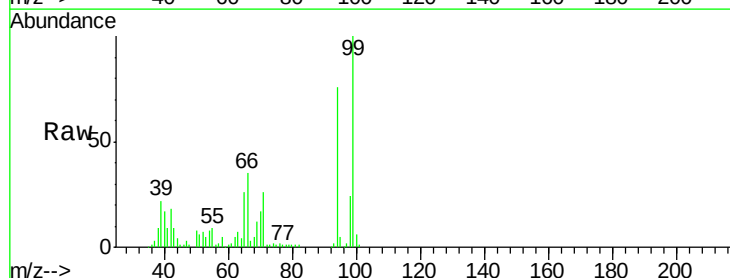
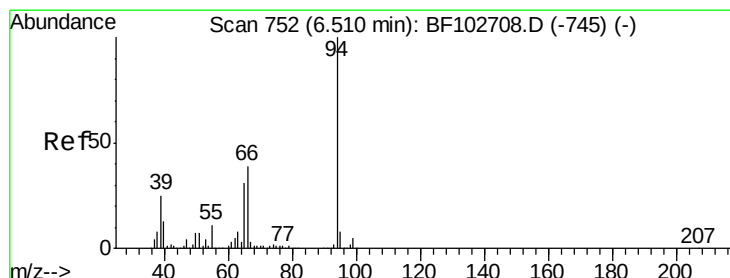
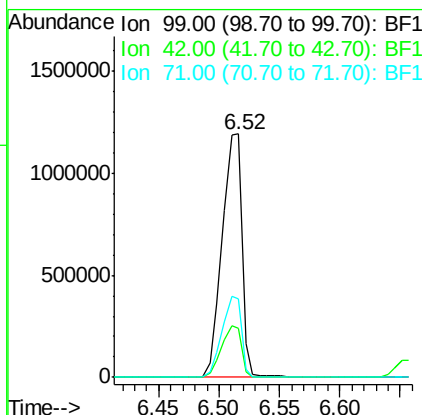
BNA_F

ClientSampleId :

VNJ-214

Manual Integrations
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#10

Phenol

Concen: 4.747 ng

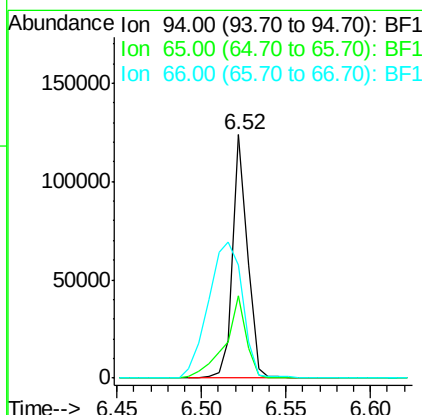
RT: 6.52 min Scan# 754

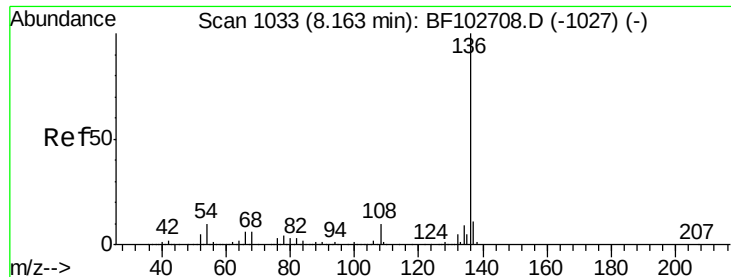
Delta R.T. 0.00 min

Lab File: BF102911.D

Acq: 12 Feb 2018 11:02

Tgt Ion:	94	Resp:	74523
Ion	Ratio	Lower	Upper
94	100		
65	34.0	7.9	47.9
66	46.3	16.2	56.2





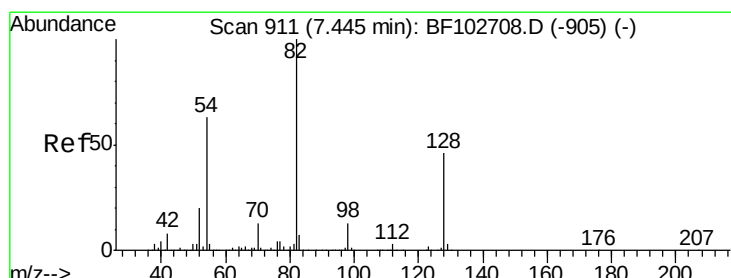
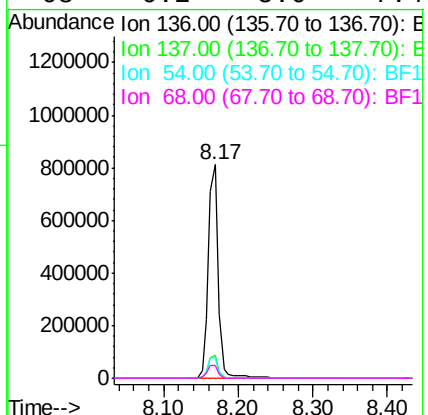
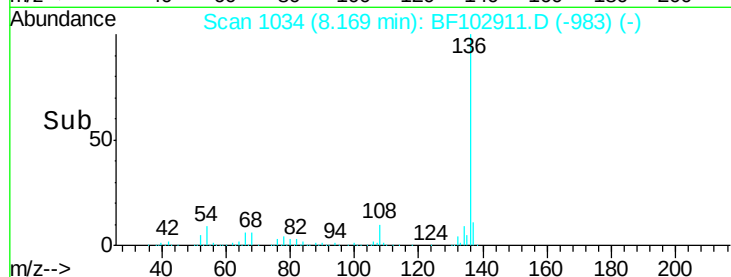
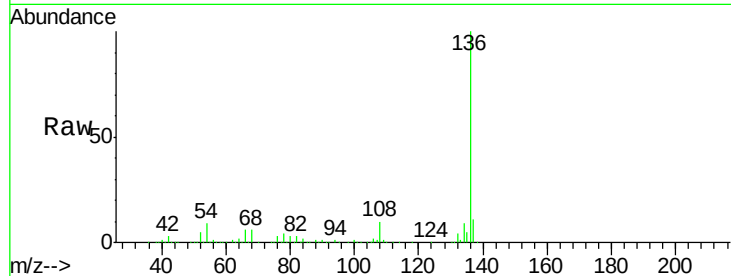
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF102911.D
Acq: 12 Feb 2018 11:02

Instrument :
BNA_F
ClientSampleId :
VNJ-214

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		756254		
137	11.0		8.9	13.3	
54	9.4		6.6	9.8	
68	6.2		5.0	7.4	

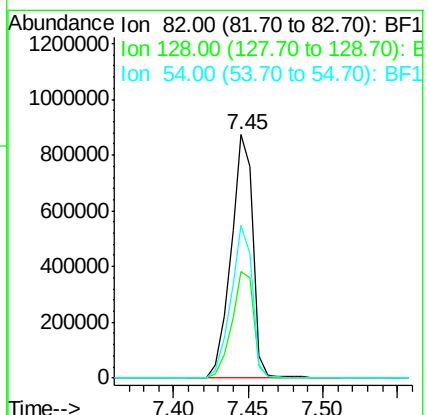
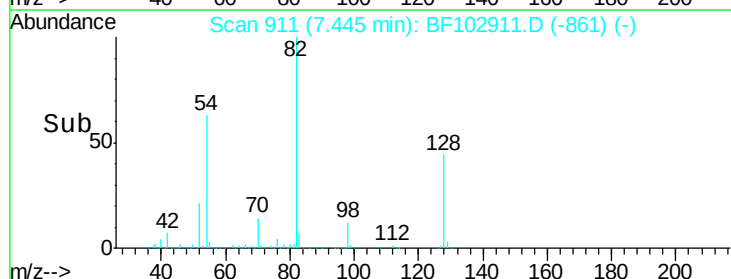
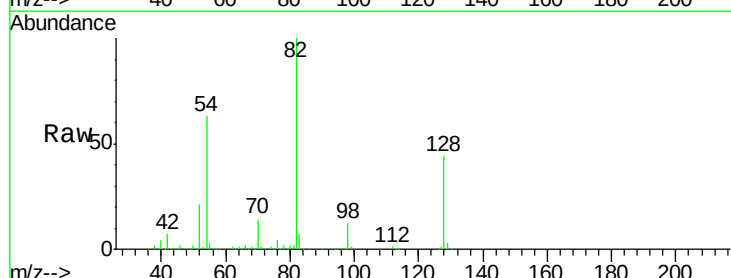
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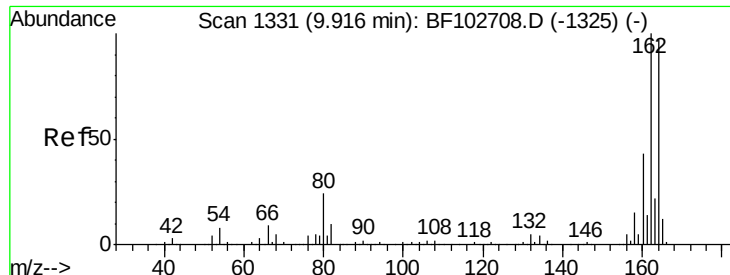
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#23
Nitrobenzene-d5
Concen: 82.801 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102911.D
Acq: 12 Feb 2018 11:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		902668		
128	43.9		36.1	54.1	
54	62.8		41.4	62.2#	





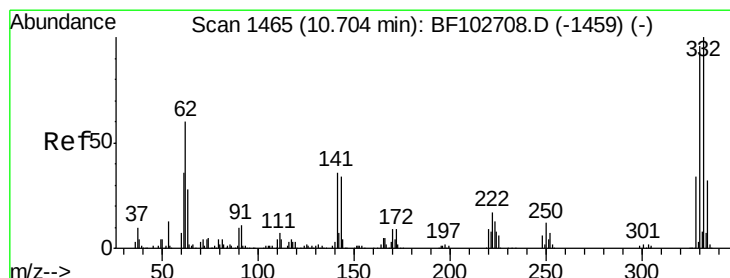
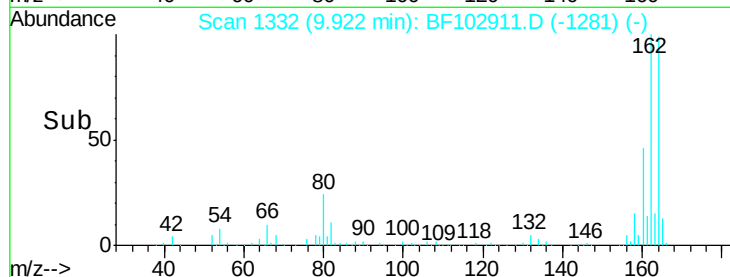
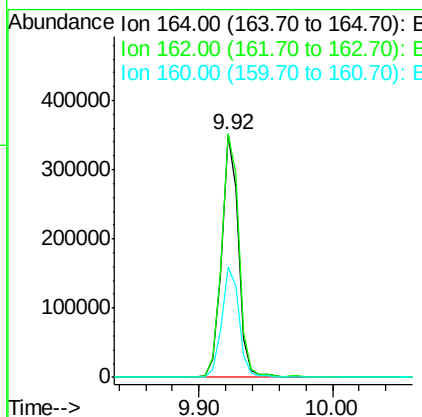
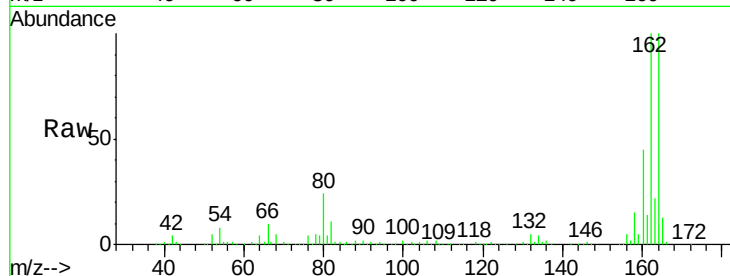
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF102911.D
 Acq: 12 Feb 2018 11:02

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-214

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.5	86.1	129.1	
160	45.7	38.3	57.5	

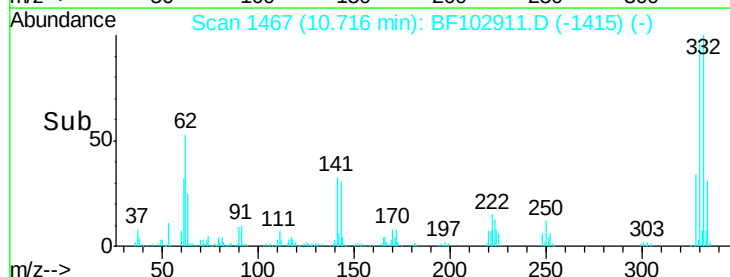
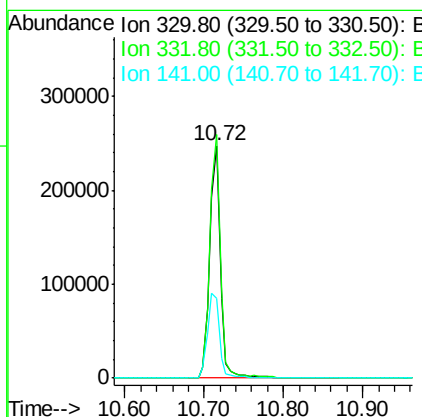
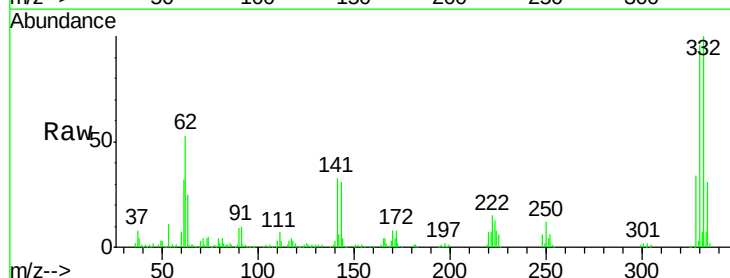
Manual Integrations
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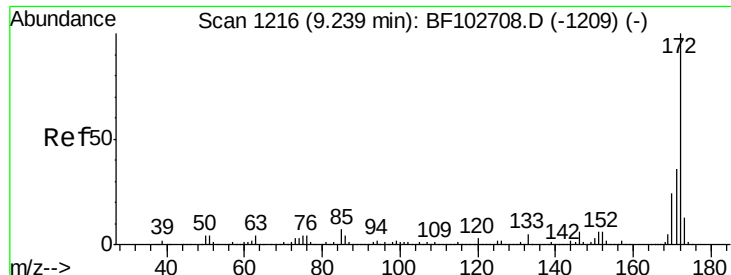
Sohil
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#41
 2,4,6-Tribromophenol
 Concen: 93.140 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102911.D
 Acq: 12 Feb 2018 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	104.2	77.0	115.6	
141	41.9	29.9	44.9	





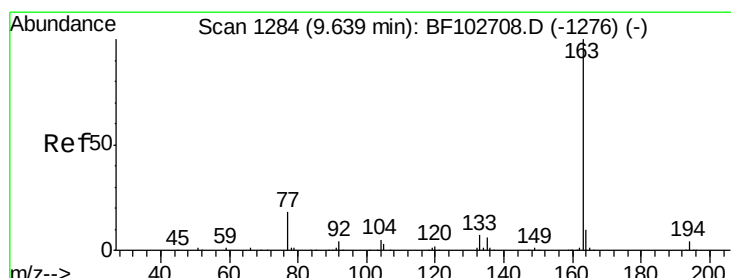
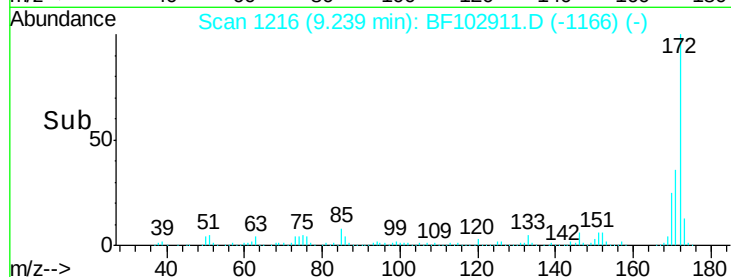
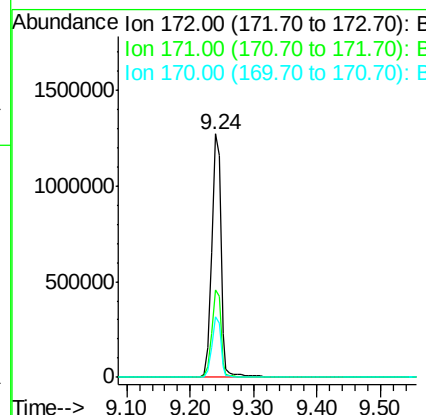
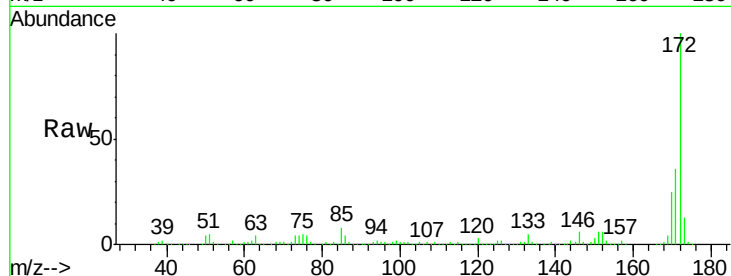
#44
2-Fluorobiphenyl
Concen: 69.311 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF102911.D
Acq: 12 Feb 2018 11:02

Instrument :
BNA_F
ClientSampleId :
VNJ-214

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.8	19.6	29.4

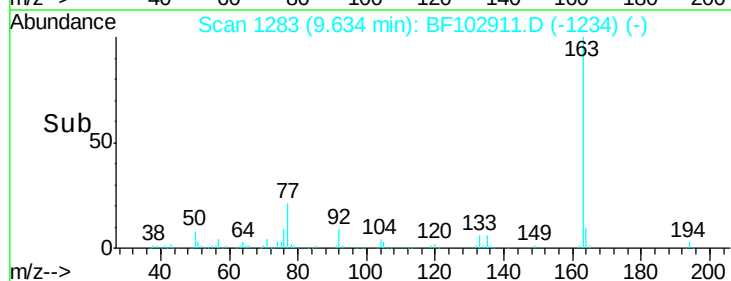
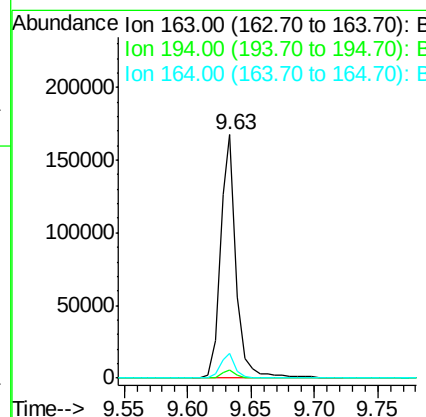
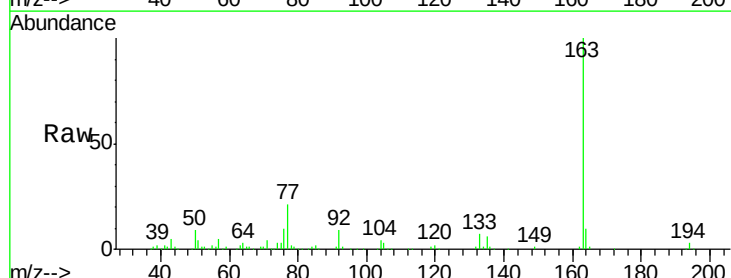
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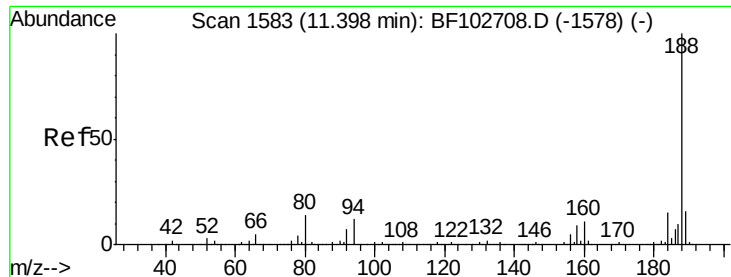
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#49
Dimethylphthalate
Concen: 5.989 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102911.D
Acq: 12 Feb 2018 11:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.1	8.2	12.2





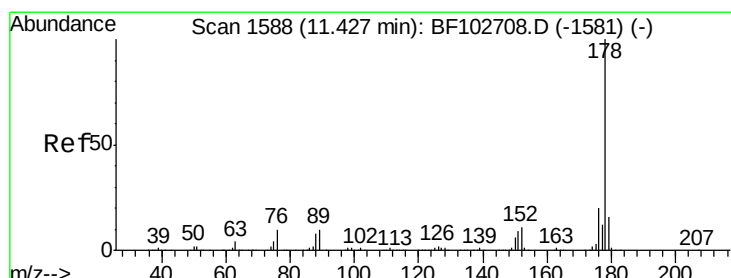
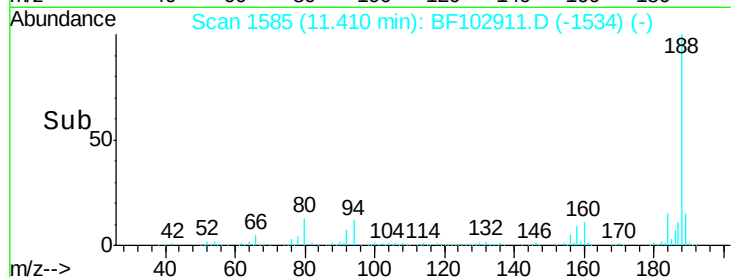
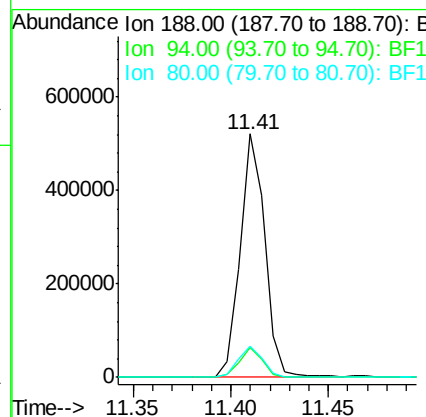
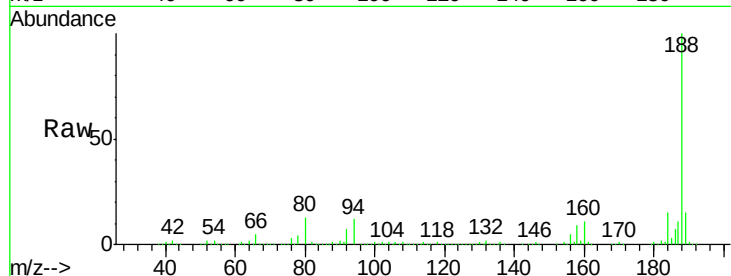
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF102911.D
Acq: 12 Feb 2018 11:02

Instrument :
BNA_F
ClientSampleId :
VNJ-214

Tot Ion	Ratio	Resp	Lower	Upper
188	100	456400		
94	12.2		8.5	12.7
80	12.8		9.2	13.8

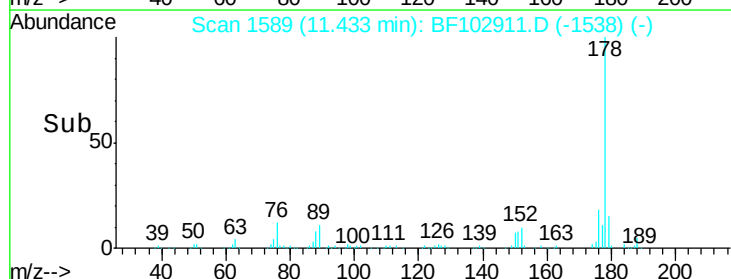
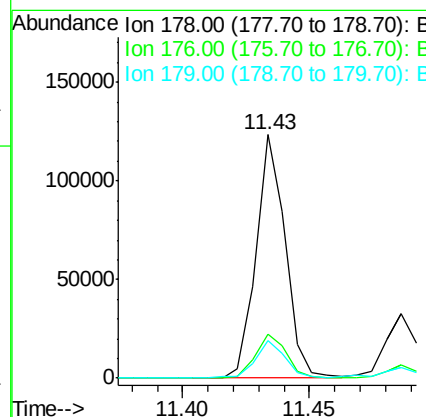
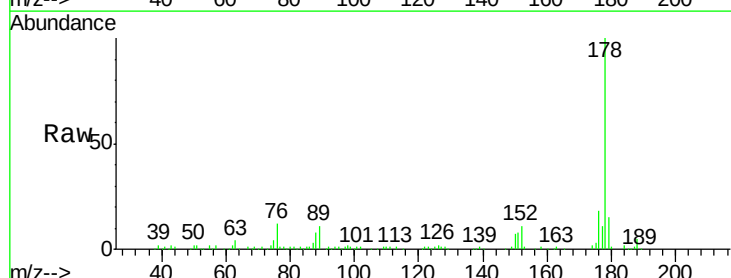
Manual Integrations
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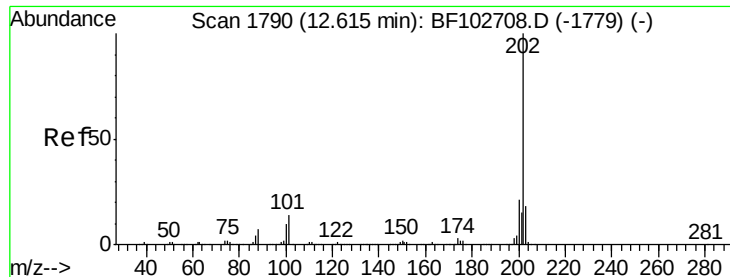
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#70
Phenanthrene
Concen: 3.908 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF102911.D
Acq: 12 Feb 2018 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	99343		
176	18.3		15.8	23.8
179	15.4		13.0	19.6





#74

Fluoranthene

Concen: 6.944 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF102911.D

Acq: 12 Feb 2018 11:02

Instrument :

BNA_F

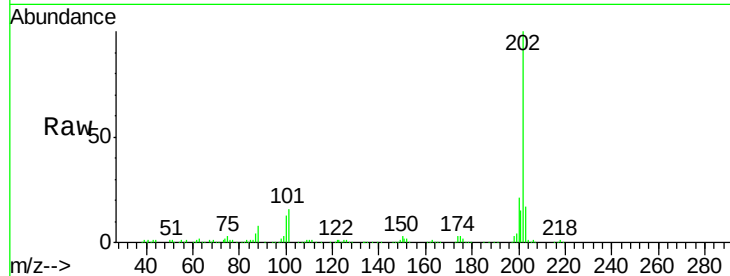
ClientSampled :

VNJ-214

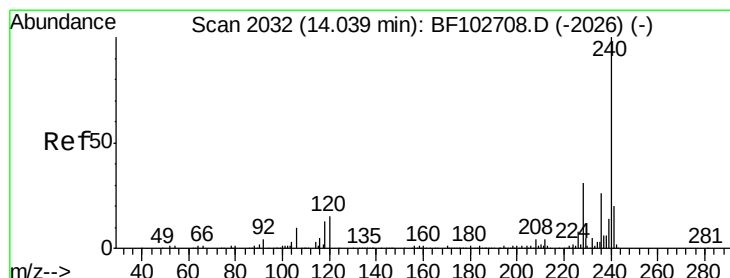
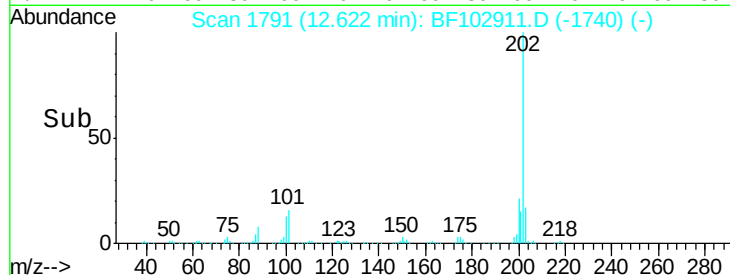
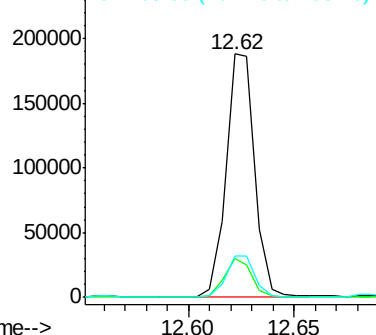
Tot Ion:	202	Resp:	177594
Ion Ratio		Lower	Upper
202	100		
101	16.1	0.0	34.1
203	17.0	0.0	38.1

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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

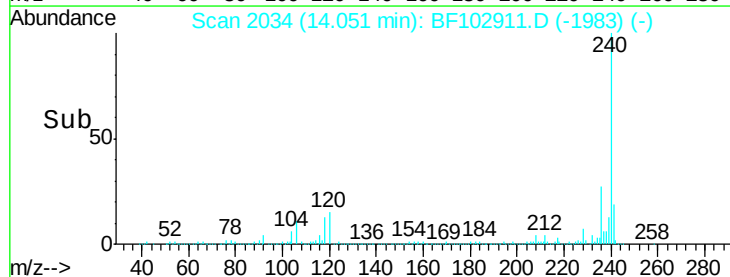
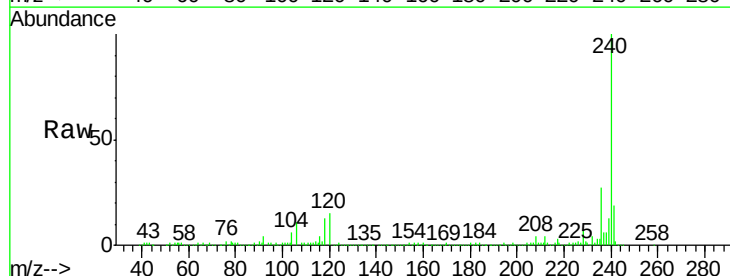
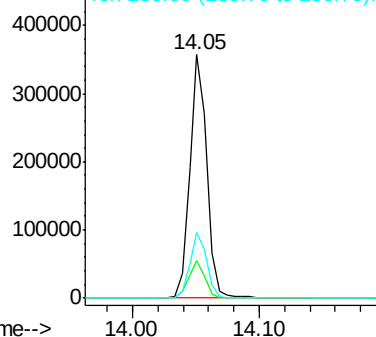
Delta R.T. 0.00 min

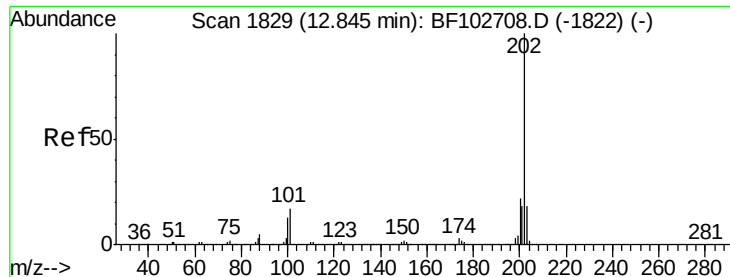
Lab File: BF102911.D

Acq: 12 Feb 2018 11:02

Tgt Ion:	240	Resp:	336689
Ion Ratio		Lower	Upper
240	100		
120	15.4	9.5	14.3#
236	26.7	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





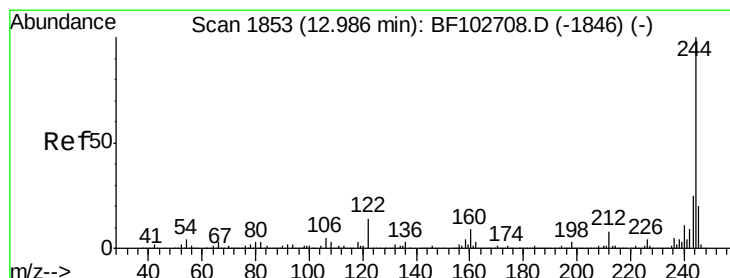
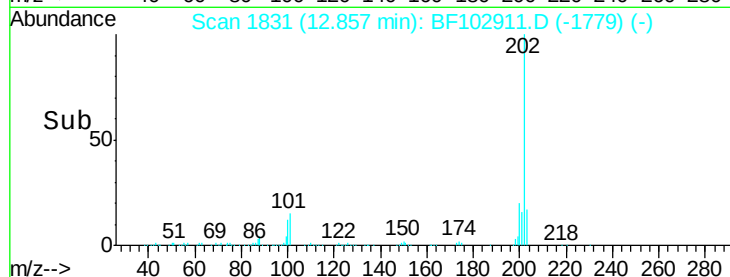
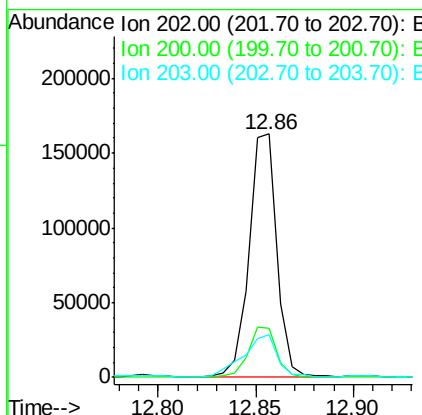
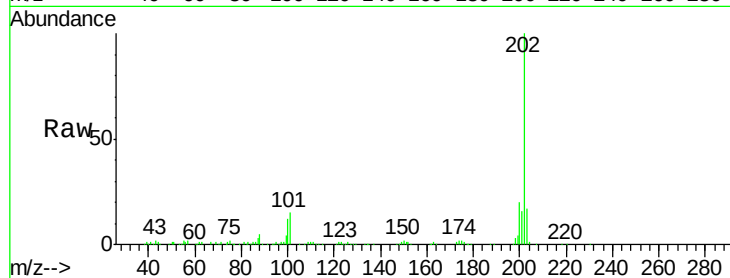
#77
Pvrene
Concen: 6.119 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF102911.D
Acq: 12 Feb 2018 11:02

Instrument :
BNA_F
ClientSampleId :
VNJ-214

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.4	26.2
203	17.5	14.3	21.5

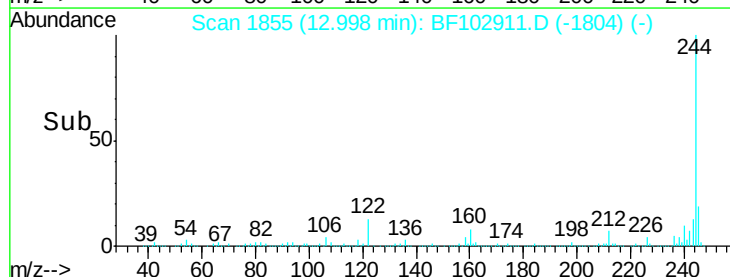
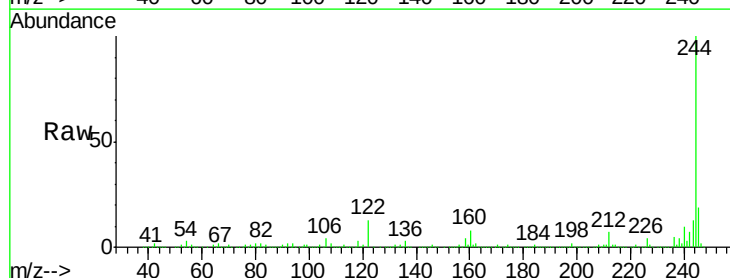
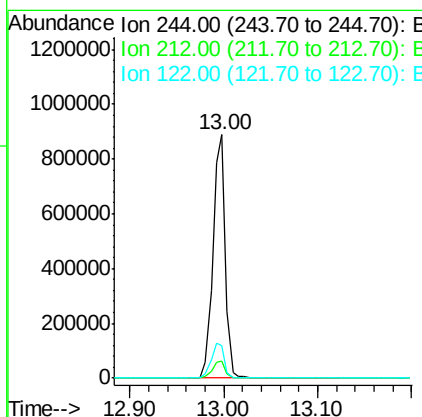
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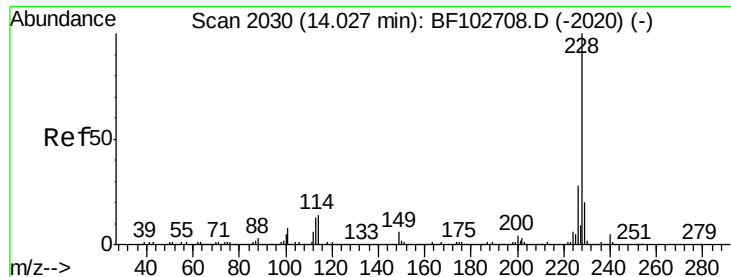
Sohil
2/13/2018 11:25:10 AM



#78
Terphenyl-d14
Concen: 58.284 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF102911.D
Acq: 12 Feb 2018 11:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.1	11.0	16.4





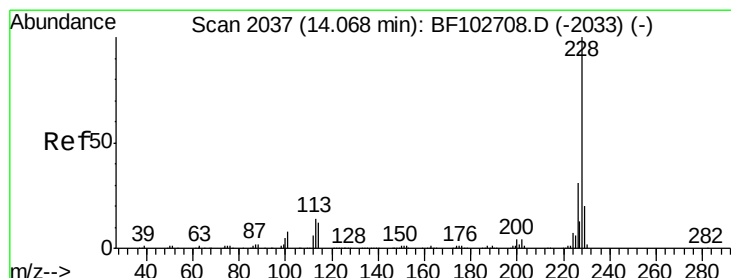
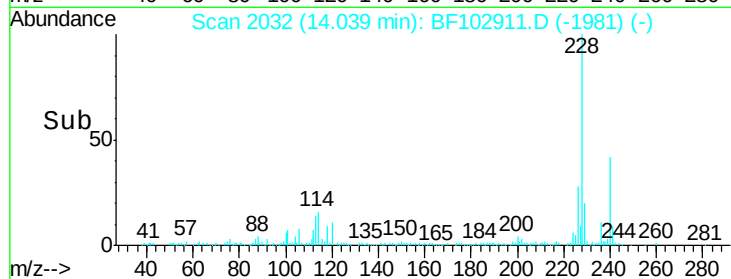
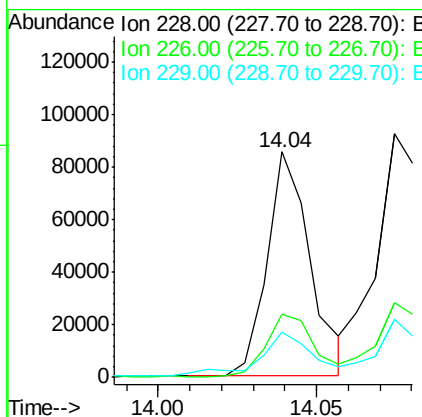
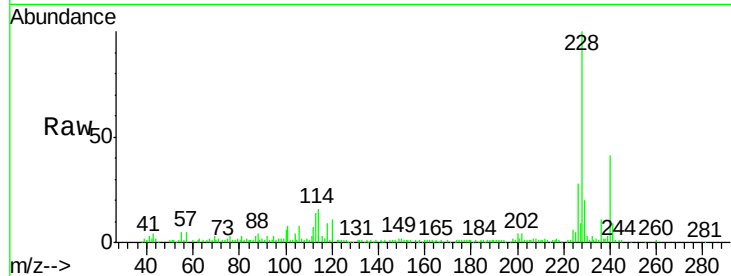
#80
Benzo(a)anthracene
Concen: 3.830 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF102911.D
Acq: 12 Feb 2018 11:02

Instrument :
BNA_F
ClientSampleId :
VNJ-214

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.0	15.8	23.6

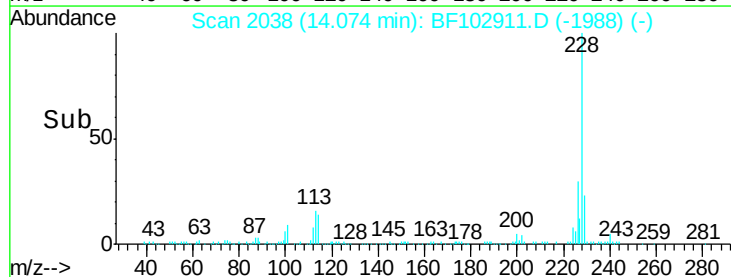
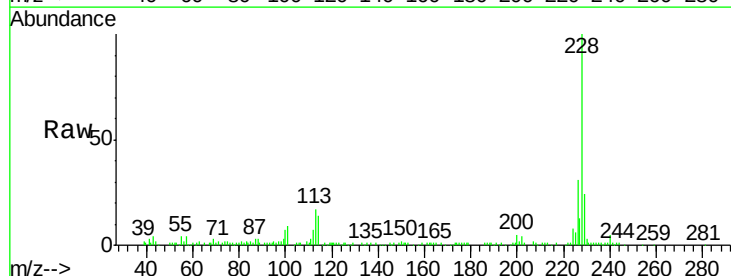
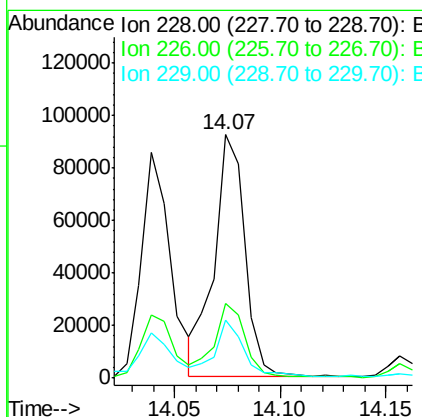
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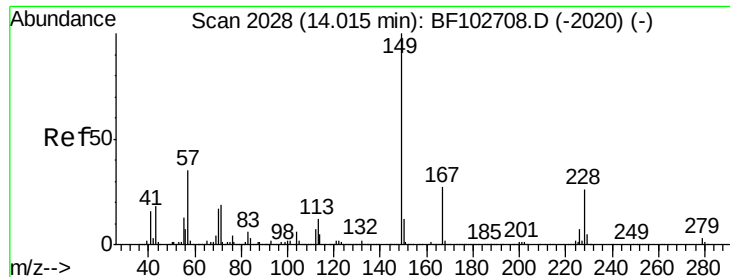
Sohil
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#82
Chrysene
Concen: 4.405 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF102911.D
Acq: 12 Feb 2018 11:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	23.6	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.967 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF102911.D

Acq: 12 Feb 2018 11:02

Instrument :

BNA_F

ClientSampleId :

VNJ-214

Tot Ion:149 Resp: 47985

Ion Ratio Lower Upper

149 100

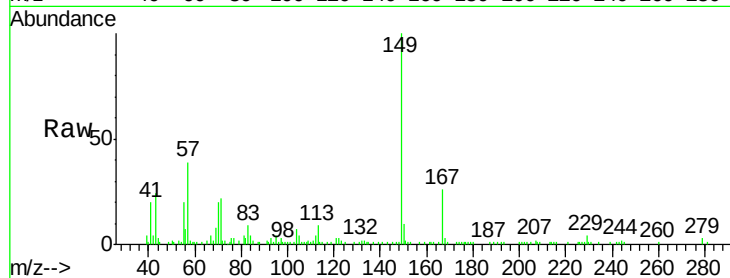
167 26.3 21.3 31.9

279 2.7 3.0 4.4#

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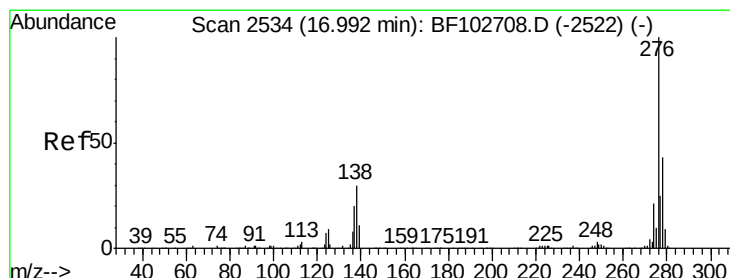
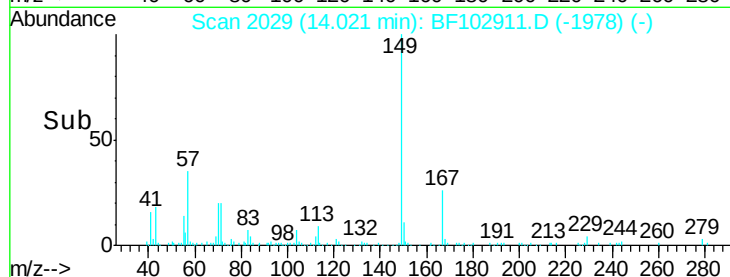
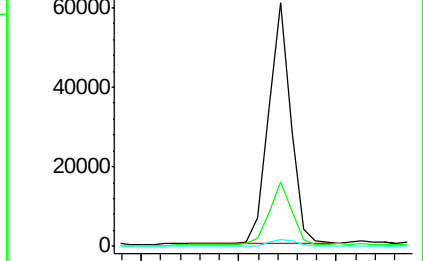
2/13/2018 11:25:10 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.428 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.02 min

Lab File: BF102911.D

Acq: 12 Feb 2018 11:02

Tgt Ion:276 Resp: 42979

Ion Ratio Lower Upper

276 100

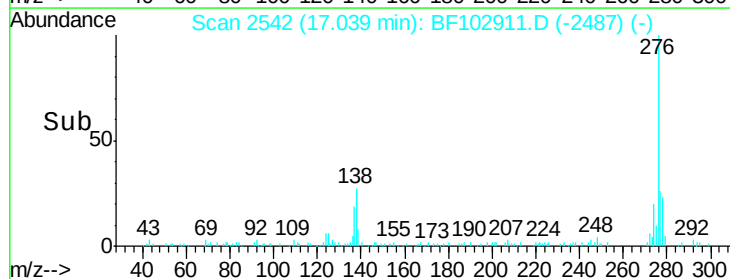
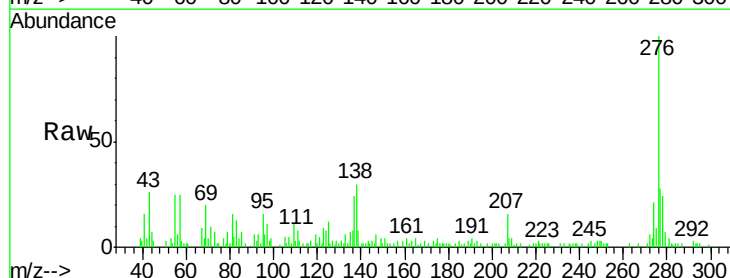
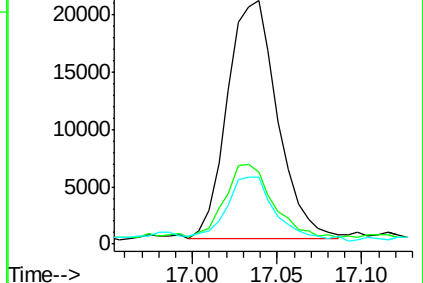
138 29.1 25.0 37.6

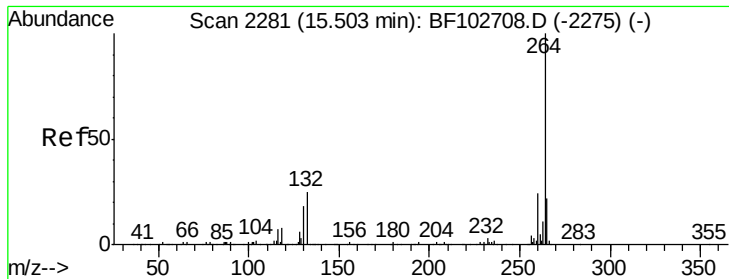
277 27.2 20.1 30.1

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





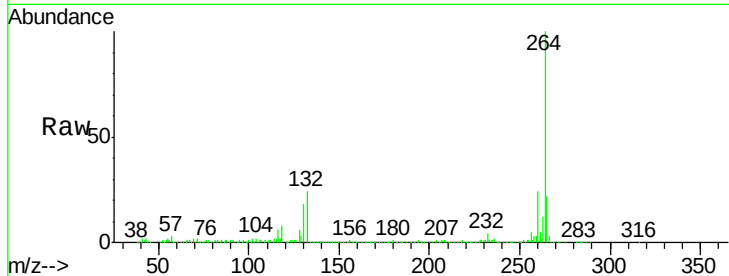
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF102911.D
Acq: 12 Feb 2018 11:02

Instrument :
BNA_F
ClientSampleId :
VNJ-214

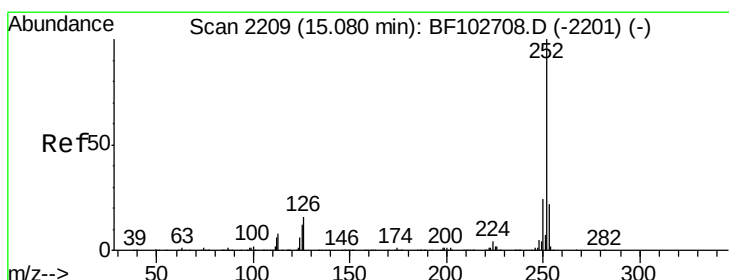
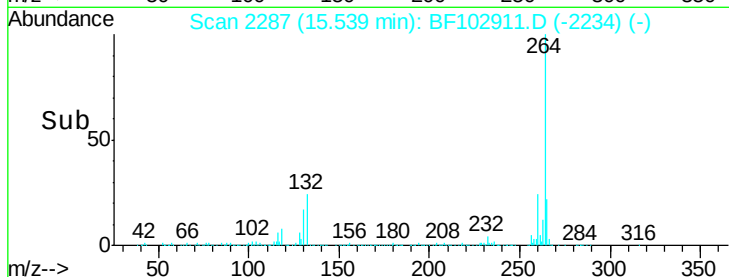
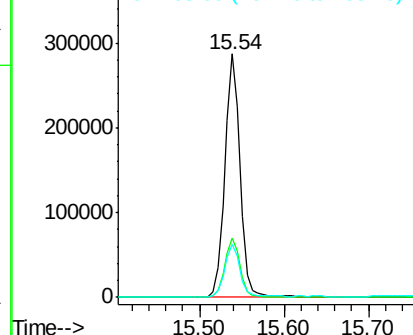
Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.4	19.2	28.8	
265	21.5	17.5	26.3	

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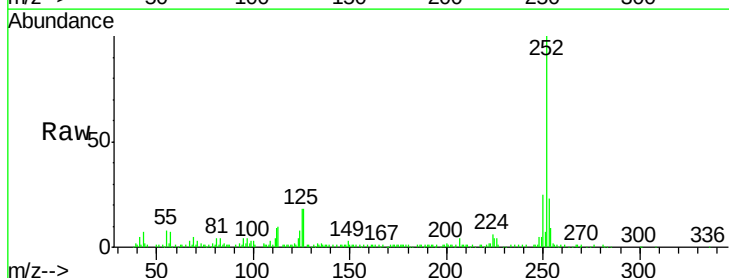


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

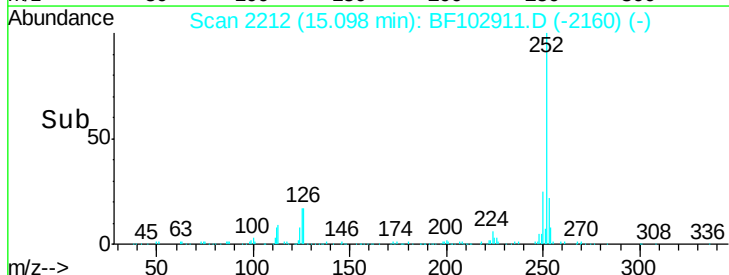
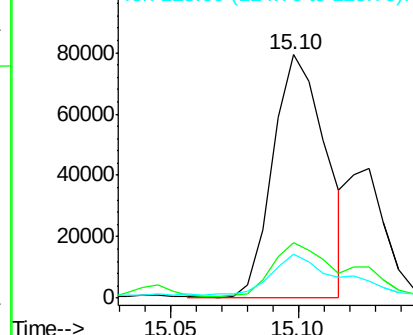


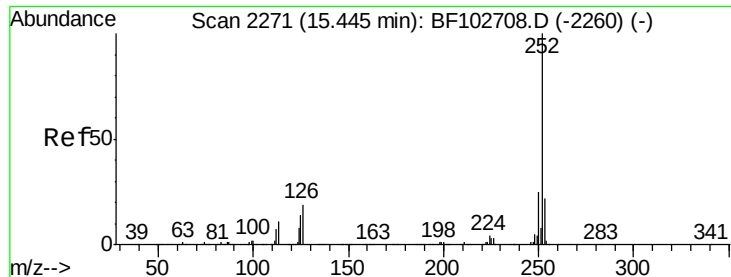
#87
Benzo(b)fluoranthene
Concen: 4.857 ng m
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF102911.D
Acq: 12 Feb 2018 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.6	17.0	25.6	
125	18.2	9.0	13.6	



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





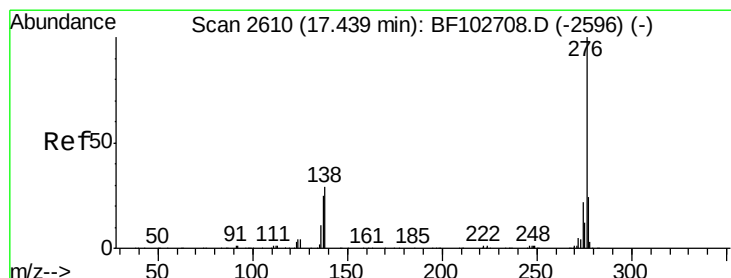
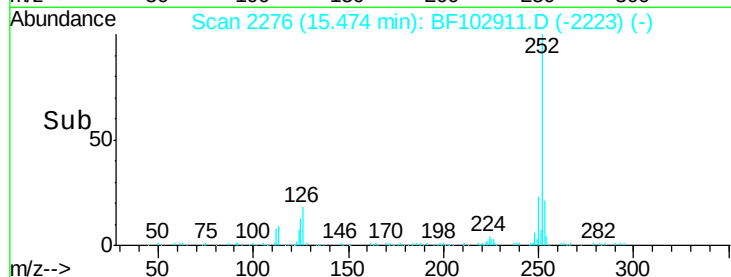
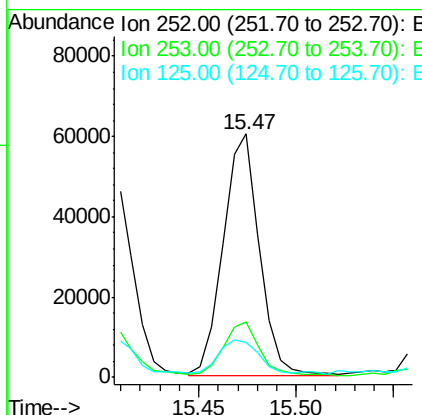
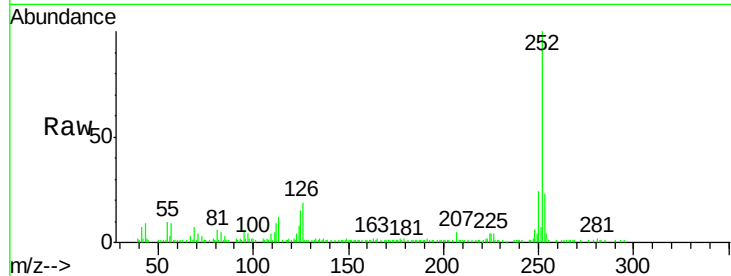
#89
Benzo(a)pyrene
Concen: 3.654 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF102911.D
Acq: 12 Feb 2018 11:02

Instrument :
BNA_F
ClientSampleId :
VNJ-214

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	14.5	9.8	14.6

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#91
Benzo(g,h,i)perylene
Concen: 2.522 ng
RT: 17.49 min Scan# 2619
Delta R.T. 0.02 min
Lab File: BF102911.D
Acq: 12 Feb 2018 11:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.6	17.9	26.9
138	28.4	21.8	32.8

