

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111726.D
 Acq On : 26 Dec 2018 21:03
 Operator : JU/SJ
 Sample : J6501-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-221

Manual Integrations
 APPROVED

Sohil
 12/27/2018 8:22:31 AM

Quant Time: Dec 27 02:56:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	210077	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	763589	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	344036	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	566027	20.00	ng	0.00
76) Chrysene-d12	14.06	240	501304	20.00	ng	0.00
87) Perylene-d12	15.54	264	378775	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	751362	60.96	ng	0.02
7) Phenol-d6	6.53	99	946555	60.35	ng	0.01
23) Nitrobenzene-d5	7.46	82	587299	44.77	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	228370	56.18	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1002294	42.46	ng	0.00
79) Terphenyl-d14	13.00	244	874023	33.06	ng	0.00
Target Compounds						
10) Phenol	6.55	94	70123	3.962	ng	98
50) Dimethylphthalate	9.65	163	124848	4.962	ng	97
75) Fluoranthene	12.63	202	152584	5.020	ng	92
78) Pyrene	12.86	202	138251	3.905	ng	95
81) Benzo(a)anthracene	14.04	228	77145	2.697	ng	96
83) Chrysene	14.08	228	80056	2.847	ng	97
88) Benzo(b)fluoranthene	15.10	252	99722m	4.505	ng	
90) Benzo(a)pyrene	15.47	252	63324	3.149	ng	95
92) Benzo(g,h,i)perylene	17.47	276	39713	2.309	ng	# 86

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

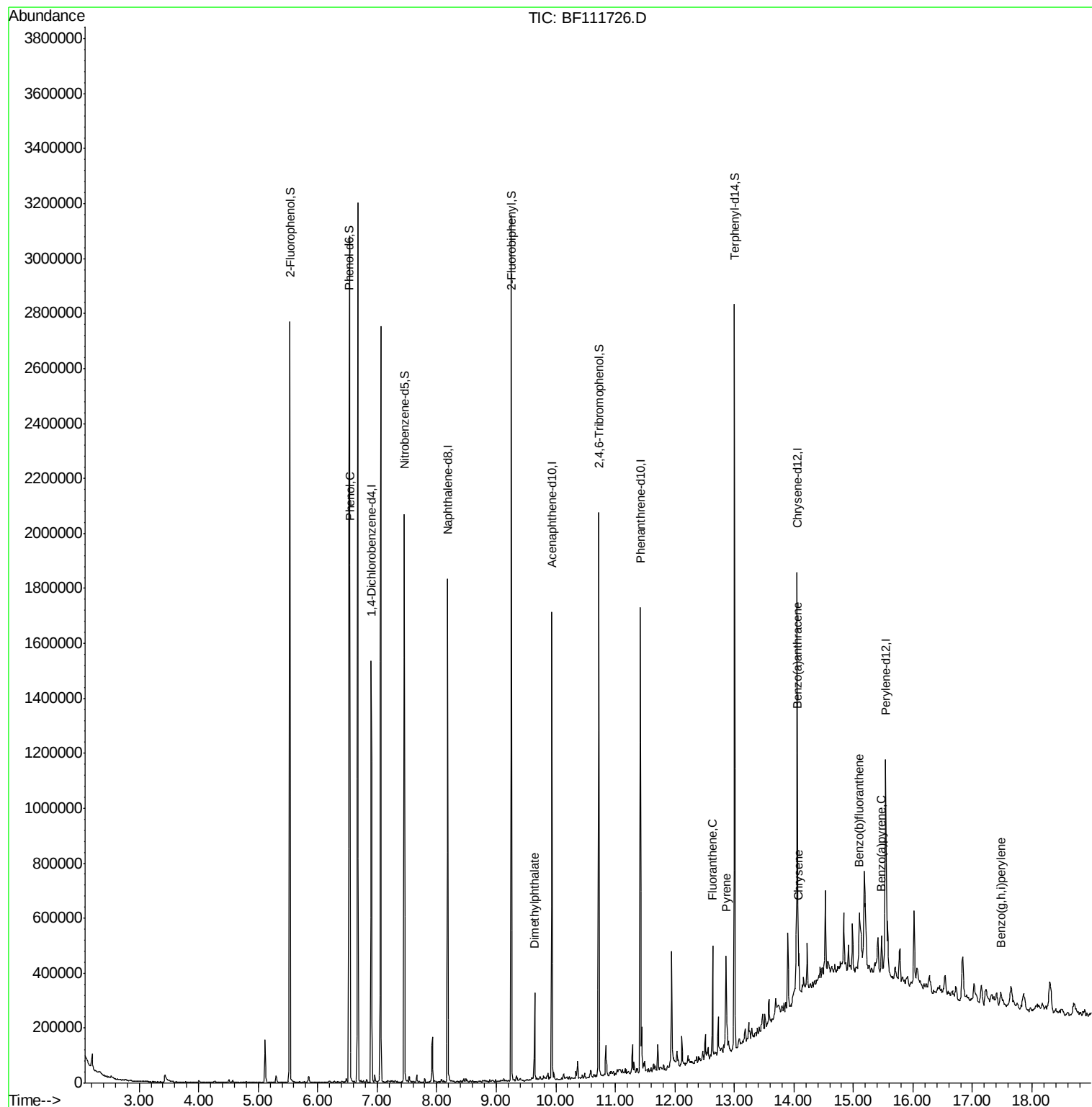
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111726.D
Acq On : 26 Dec 2018 21:03
Operator : JU/SJ
Sample : J6501-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-221

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration





#1

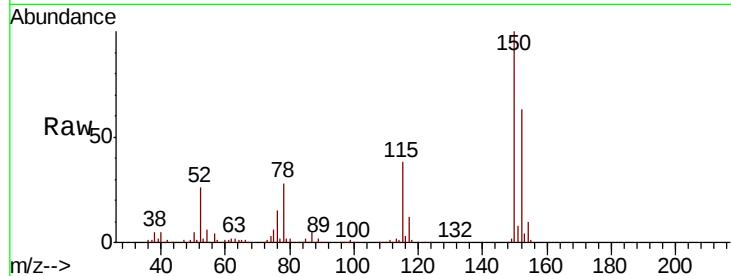
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111726.D
Acq: 26 Dec 2018 21:03

Instrument :
BNA_F
ClientSampled :
VNJ-221

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	126.6	189.8
115	61.0	50.7	76.1

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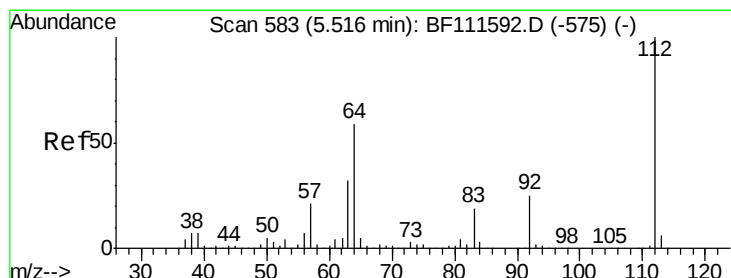
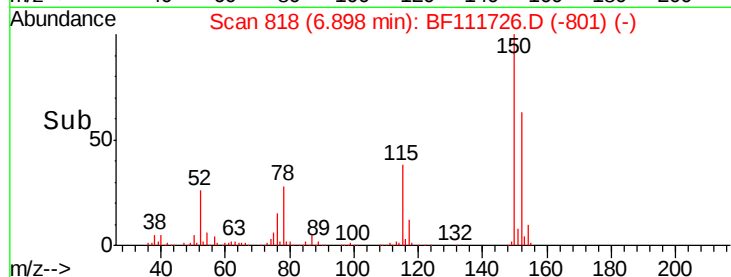
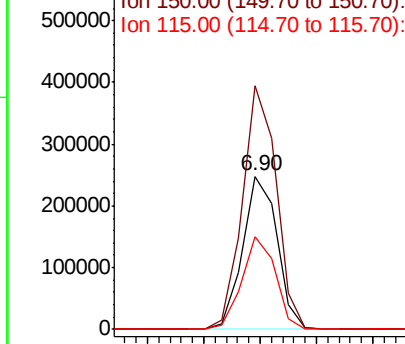


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

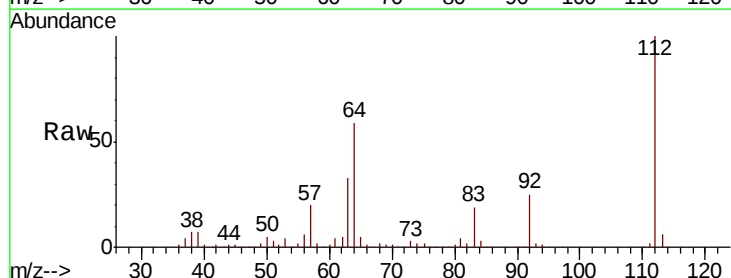
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 60.964 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF111726.D
Acq: 26 Dec 2018 21:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	51.8	77.6
63	32.6	26.8	40.2

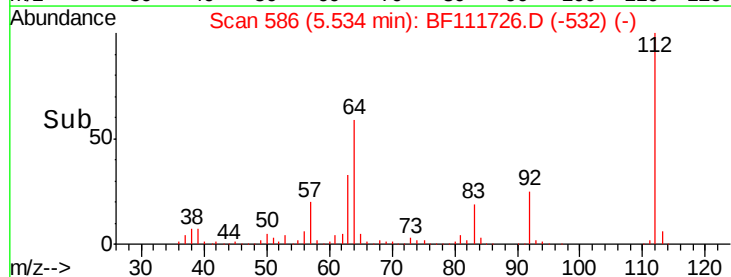
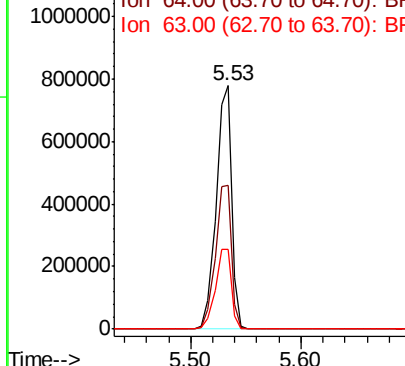


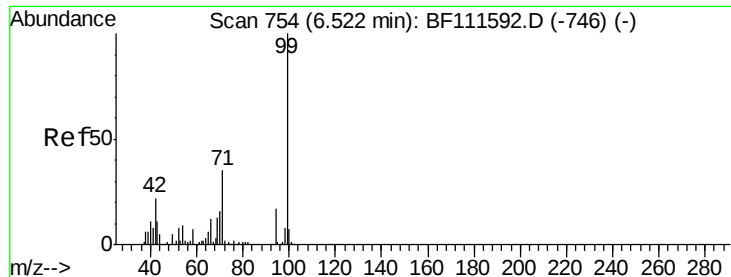
Abundance

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: 60.348 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF111726.D

Acq: 26 Dec 2018 21:03

Instrument :

BNA_F

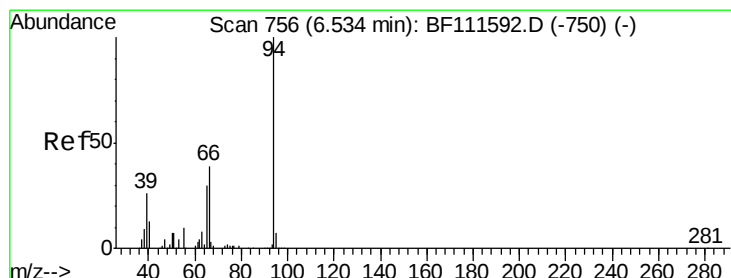
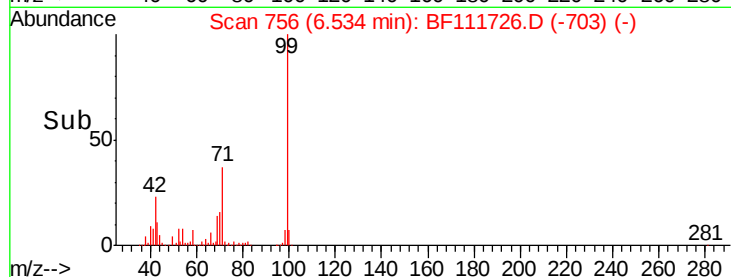
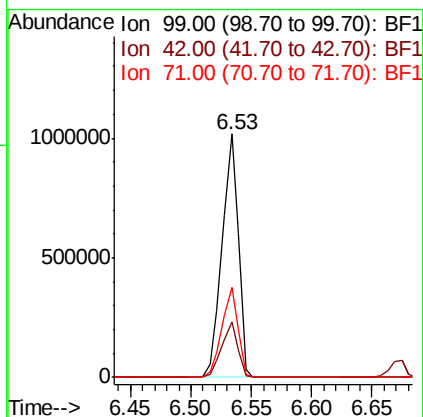
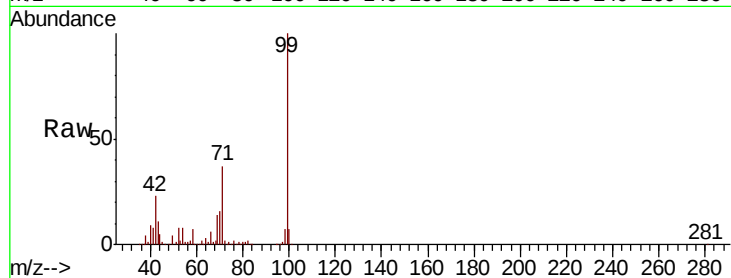
ClientSampleId :

VNJ-221

Tot Ion:	99	Resp:	946555
Ion Ratio		Lower	Upper
99	100		
42	22.6	17.4	26.0
71	37.1	26.1	39.1

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#10

Phenol

Concen: 3.962 ng

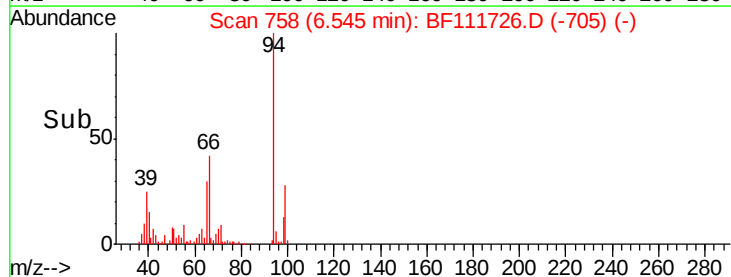
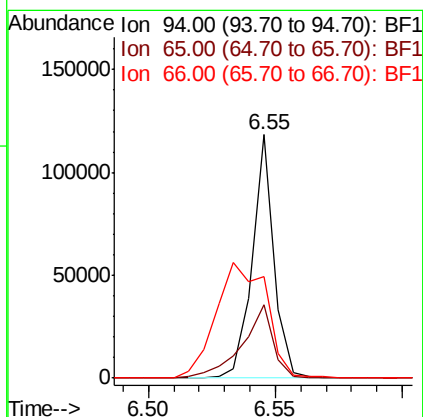
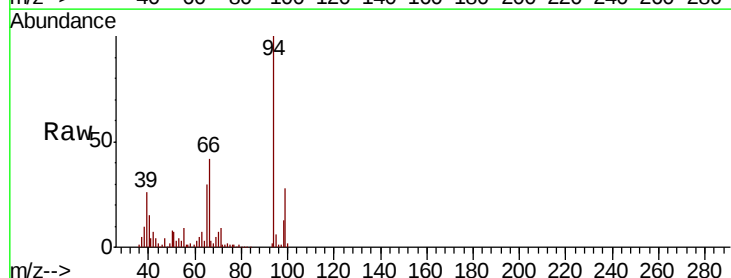
RT: 6.55 min Scan# 758

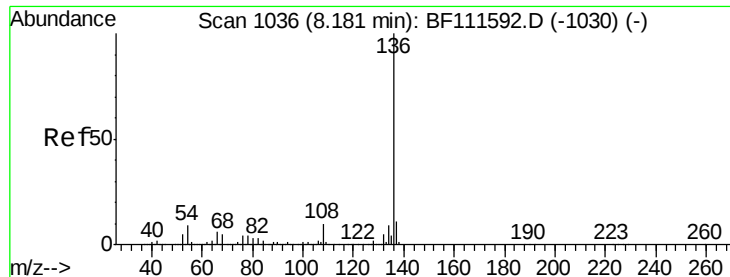
Delta R.T. 0.01 min

Lab File: BF111726.D

Acq: 26 Dec 2018 21:03

Tgt Ion:	94	Resp:	70123
Ion Ratio		Lower	Upper
94	100		
65	30.3	11.7	51.7
66	41.8	21.0	61.0





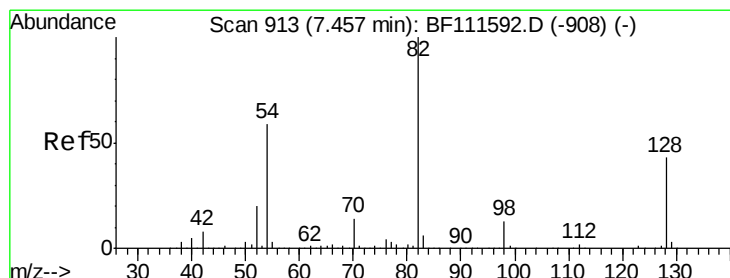
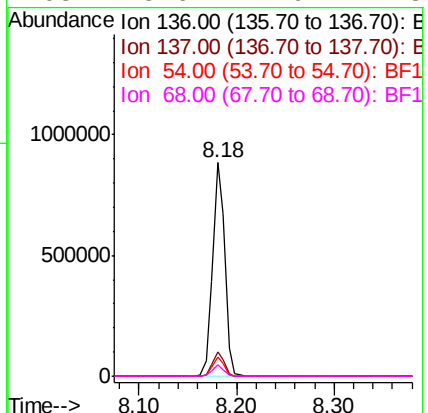
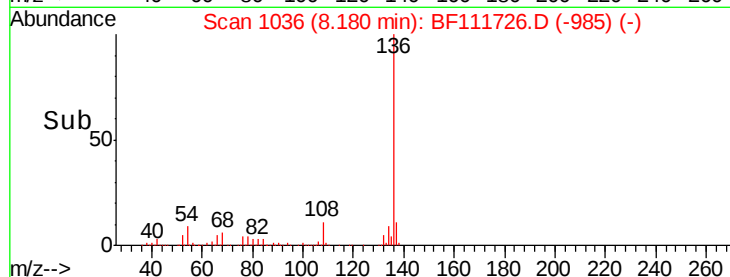
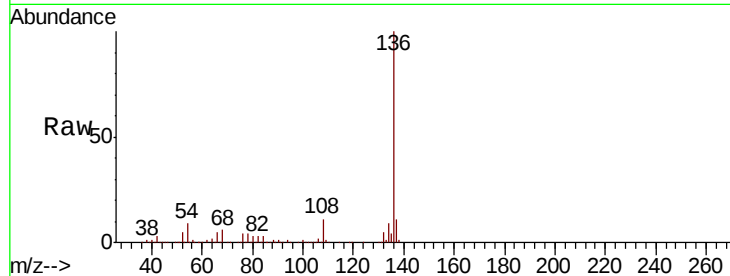
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF111726.D
Acq: 26 Dec 2018 21:03

Instrument :
BNA_F
ClientSampleId :
VNJ-221

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.1	7.7	11.5
68	5.6	4.9	7.3

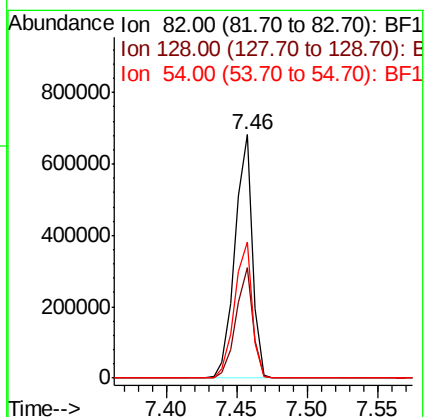
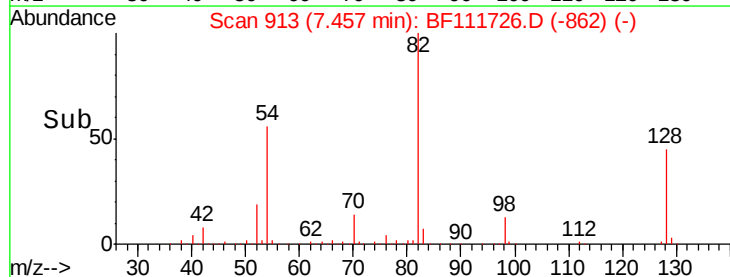
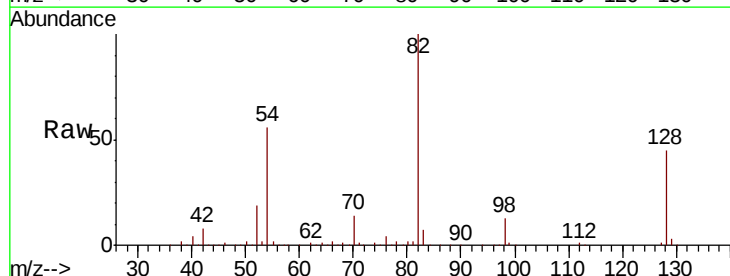
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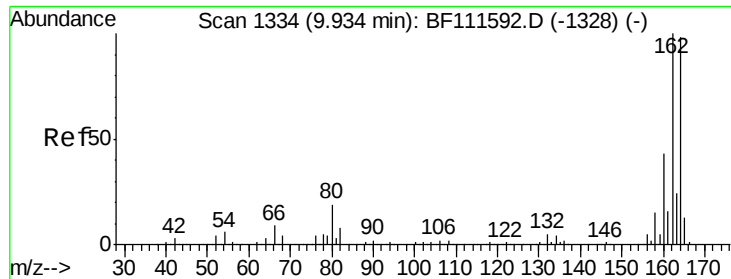
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#23
Nitrobenzene-d5
Concen: 44.769 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111726.D
Acq: 26 Dec 2018 21:03

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.3	37.4	56.2
54	56.1	47.6	71.4





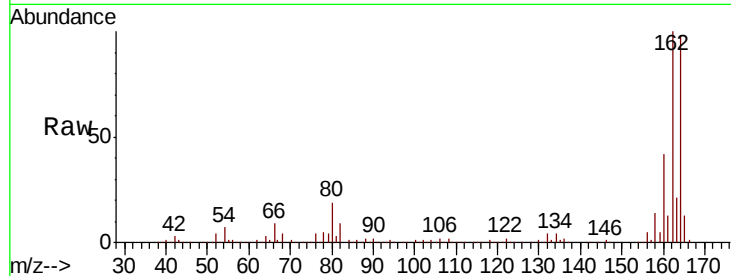
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111726.D
Acq: 26 Dec 2018 21:03

Instrument :
BNA_F
ClientSampled :
VNJ-221

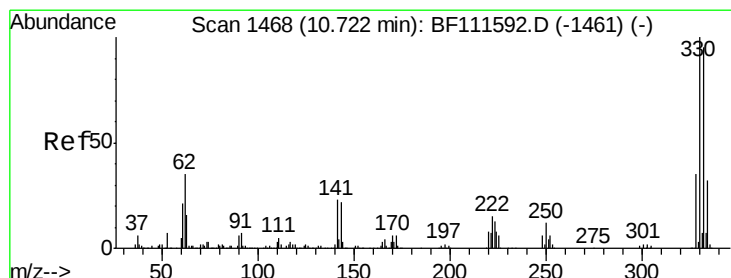
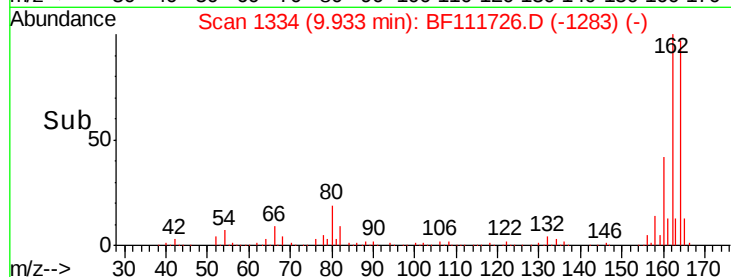
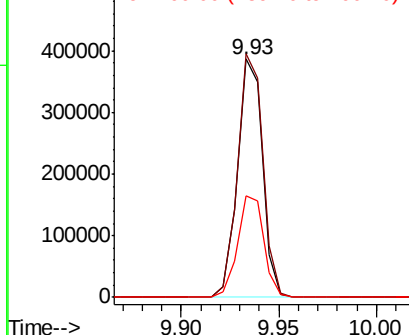
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.2	81.4	122.0	
160	42.8	35.7	53.5	

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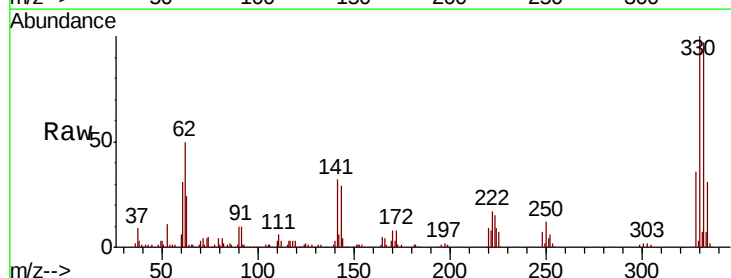


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

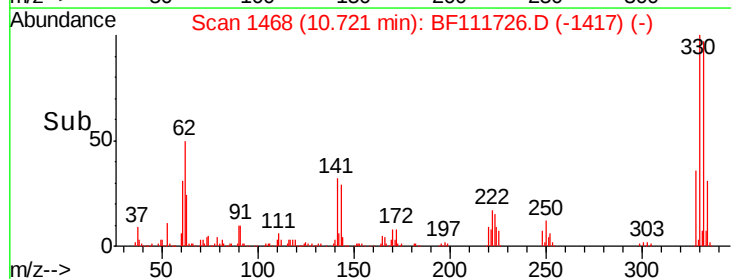
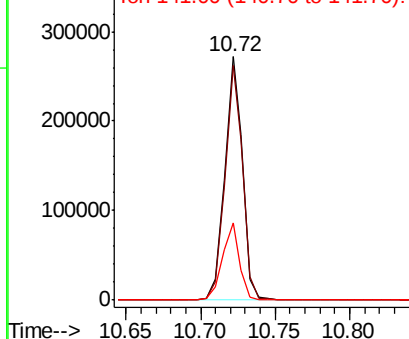


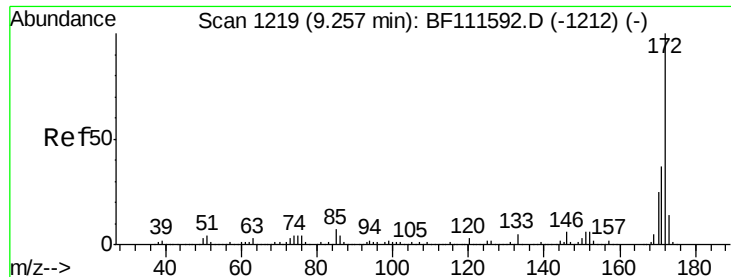
#42
2,4,6-Tribromophenol
Concen: 56.179 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF111726.D
Acq: 26 Dec 2018 21:03

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.1	76.0	114.0	
141	30.5	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





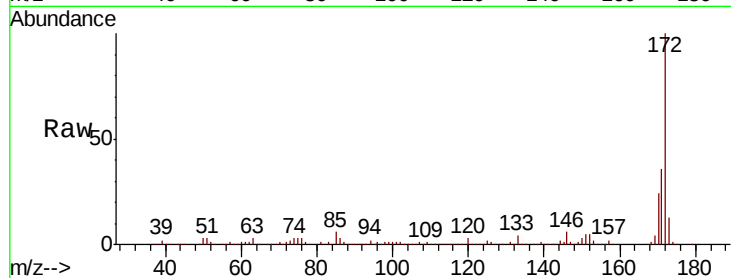
#45
2-Fluorobiphenyl
Concen: 42.464 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111726.D
Acq: 26 Dec 2018 21:03

Instrument :
BNA_F
ClientSampled :
VNJ-221

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	33.0	49.4
170	23.8	22.3	33.5

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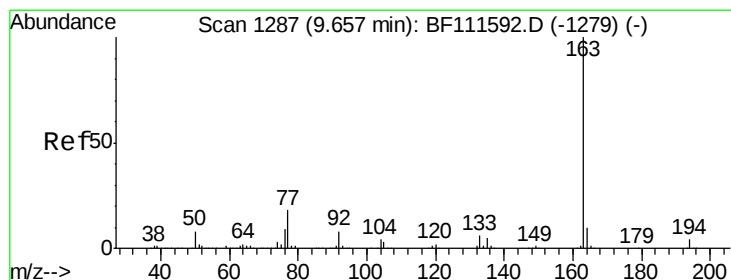
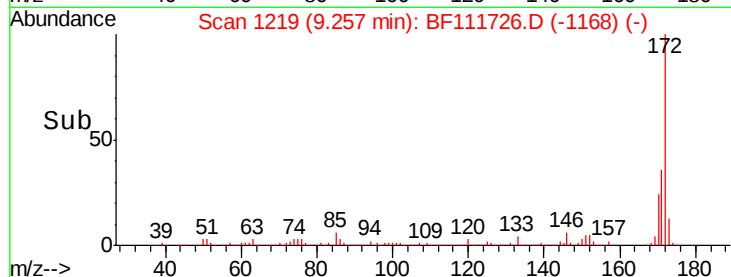
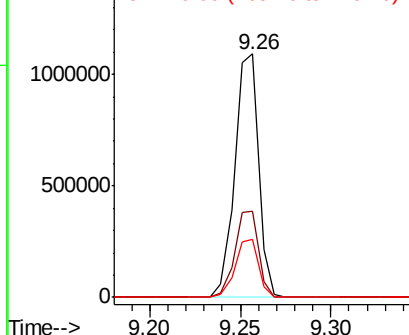


Abundance

Ion 172.00 (171.70 to 172.70): E

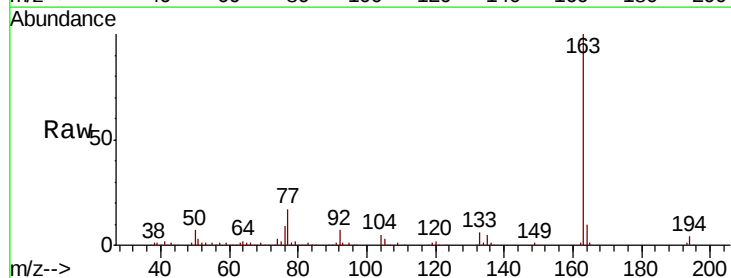
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 4.962 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111726.D
Acq: 26 Dec 2018 21:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.6
164	9.7	8.9	13.3

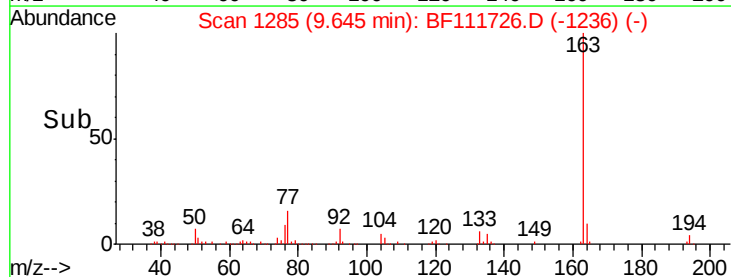
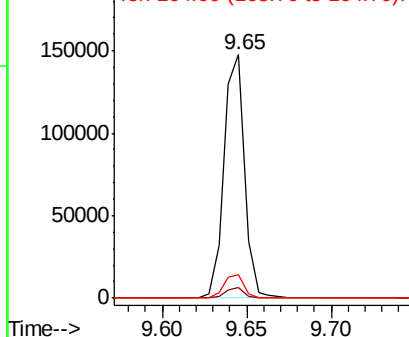


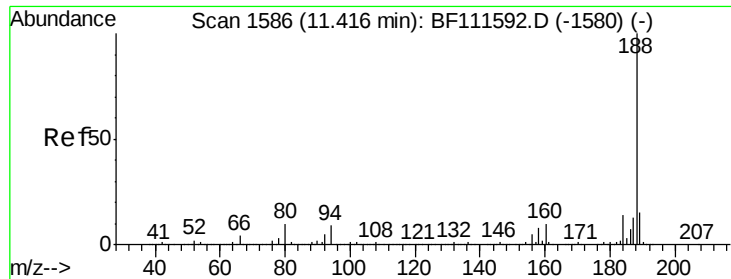
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF111726.D

Acq: 26 Dec 2018 21:03

Instrument :

BNA_F

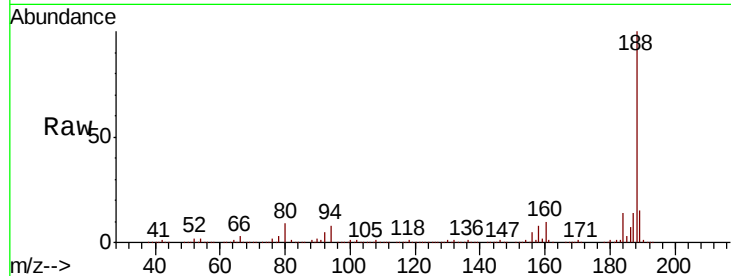
ClientSampleId :

VNJ-221

Tot Ion:	188	Resp:	566027
Ion Ratio	Lower	Upper	
188	100		
94	8.0	9.6	14.4#
80	8.6	9.8	14.6#

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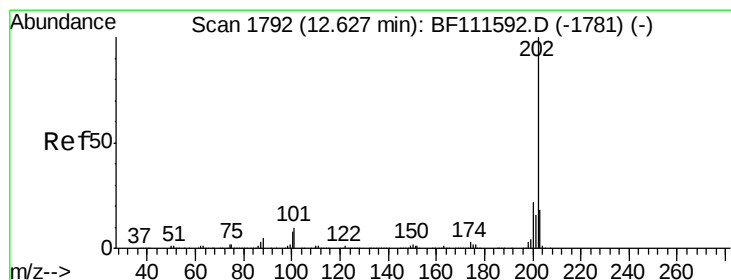
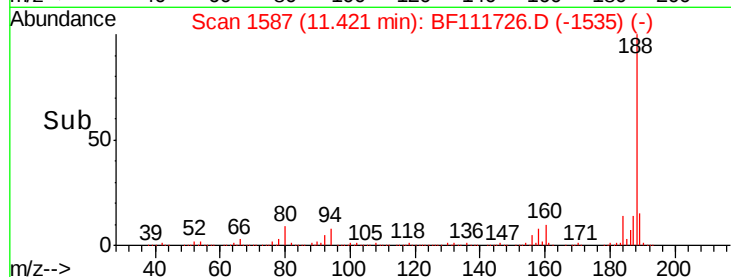
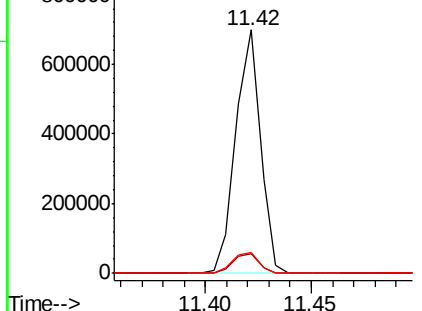
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Fluoranthene

Concen: 5.020 ng

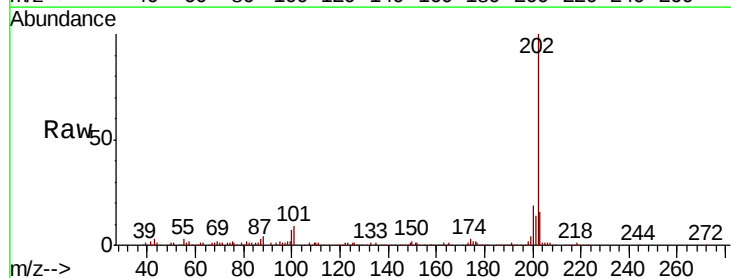
RT: 12.63 min Scan# 1793

Delta R.T. 0.01 min

Lab File: BF111726.D

Acq: 26 Dec 2018 21:03

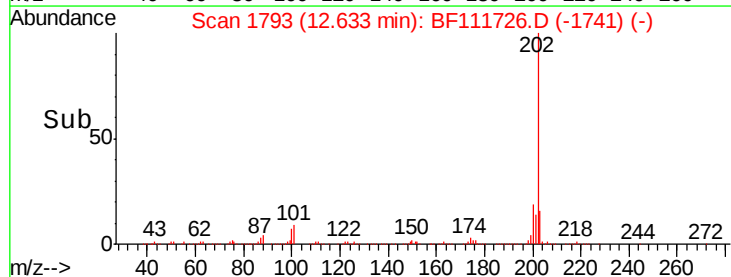
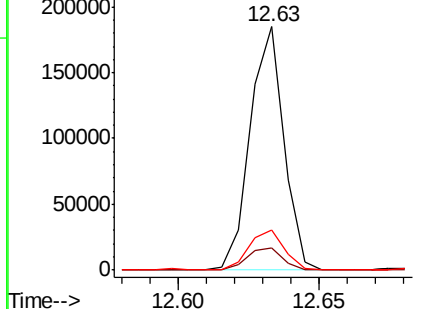
Tgt Ion:	202	Resp:	152584
Ion Ratio	Lower	Upper	
202	100		
101	9.0	0.0	33.8
203	16.5	0.0	38.6

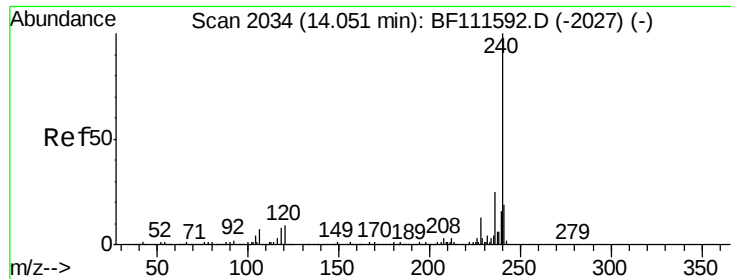


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF111726.D

Acq: 26 Dec 2018 21:03

Instrument :

BNA_F

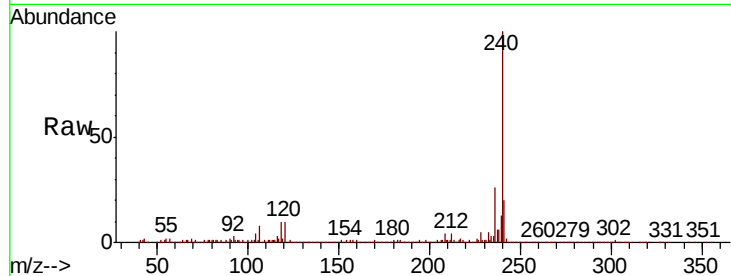
ClientSampled :

VNJ-221

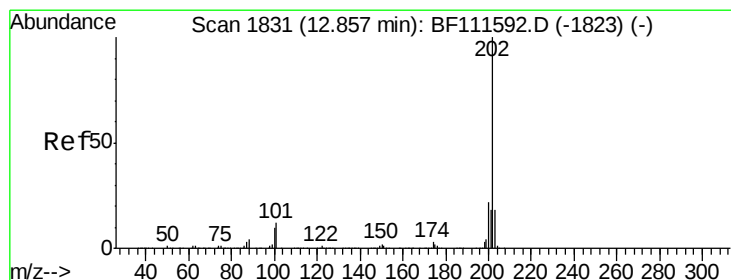
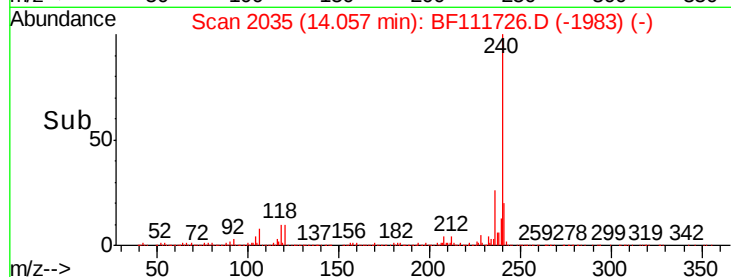
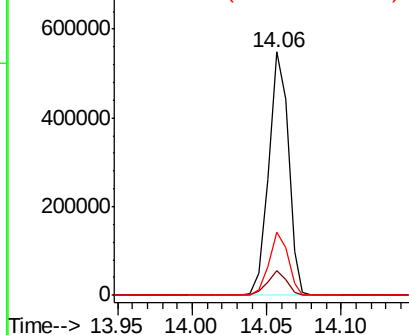
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	12.2	18.2#
236	25.8	20.2	30.2

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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

Pyrene

Concen: 3.905 ng

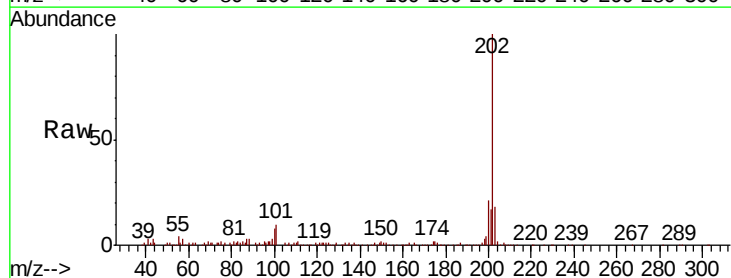
RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

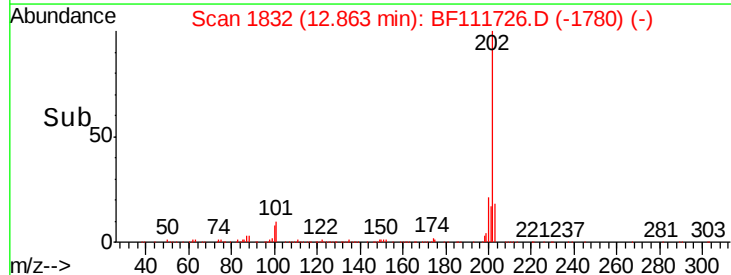
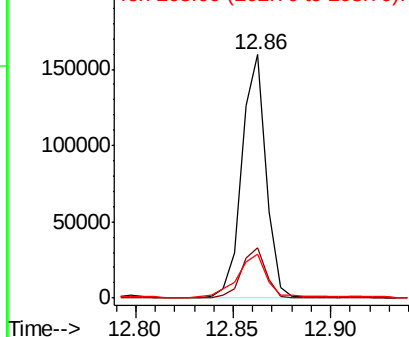
Lab File: BF111726.D

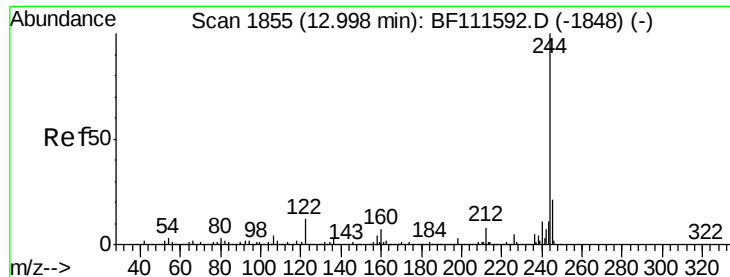
Acq: 26 Dec 2018 21:03

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	19.0	28.4
203	17.9	15.2	22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 33.064 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF111726.D

Acq: 26 Dec 2018 21:03

Instrument :

BNA_F

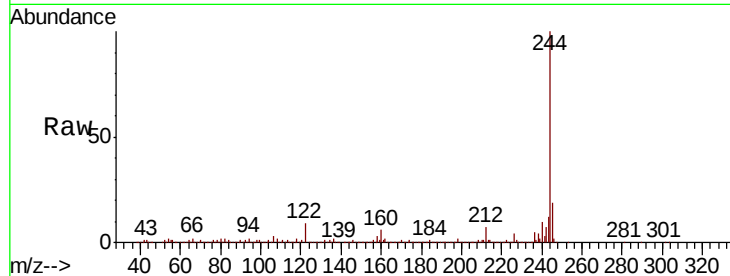
ClientSampleId :

VNJ-221

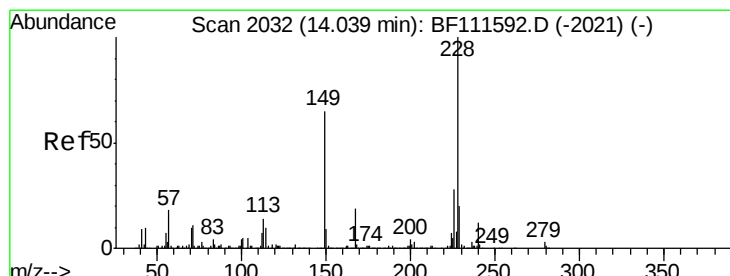
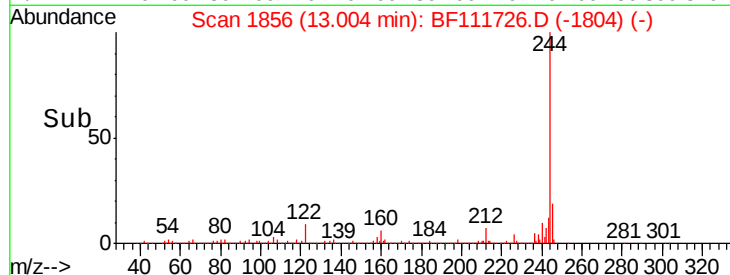
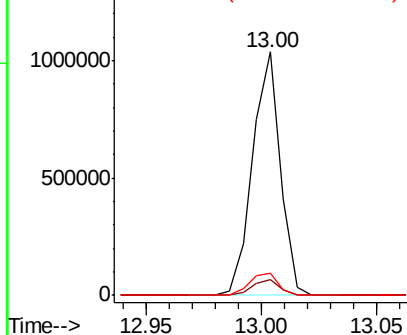
Tot Ion:	244	Resp:	874023
Ion Ratio		Lower	Upper
244	100		
212	6.7	5.7	8.5
122	9.3	13.1	19.7

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 2.697 ng

RT: 14.04 min Scan# 2033

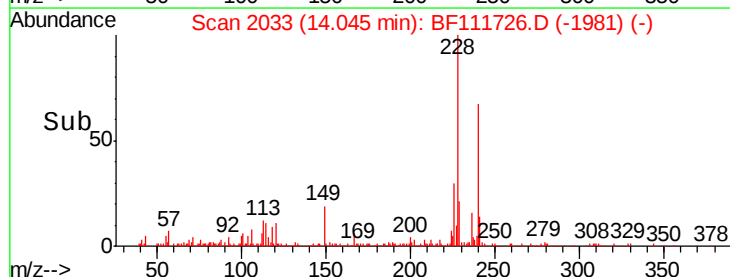
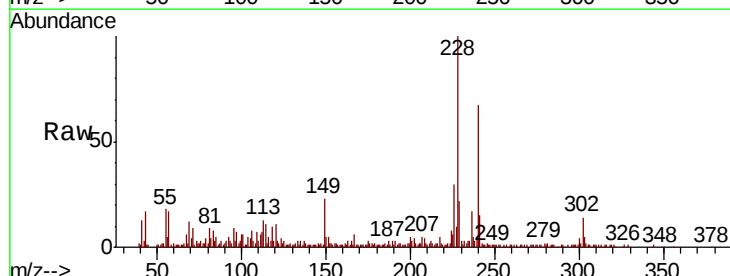
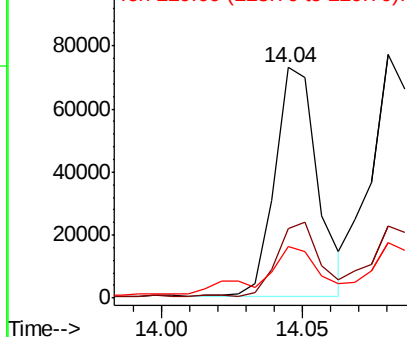
Delta R.T. 0.01 min

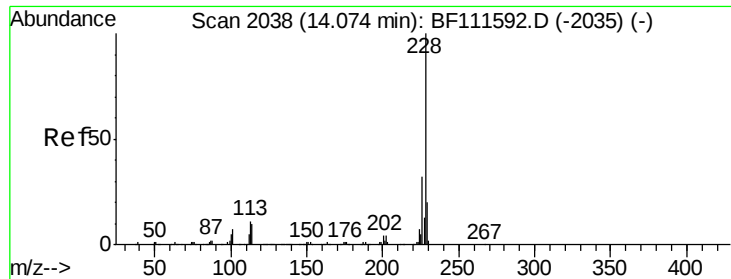
Lab File: BF111726.D

Acq: 26 Dec 2018 21:03

Tgt Ion:	228	Resp:	77145
Ion Ratio		Lower	Upper
228	100		
226	30.4	22.6	34.0
229	22.1	16.3	24.5

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





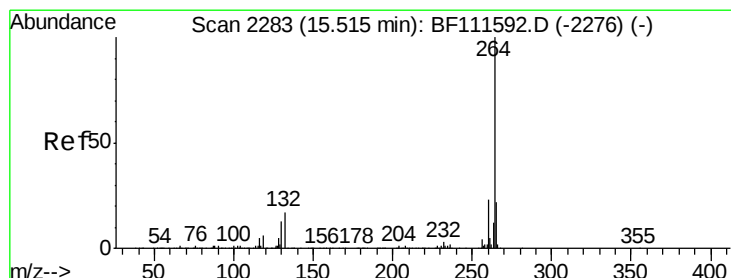
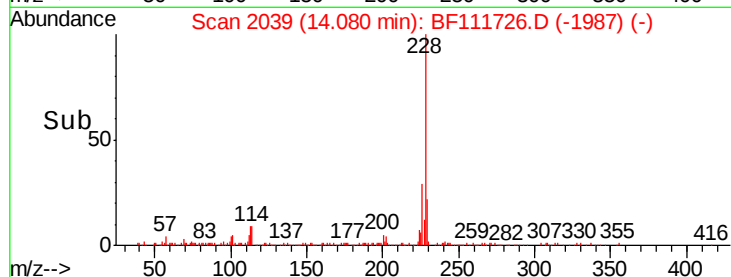
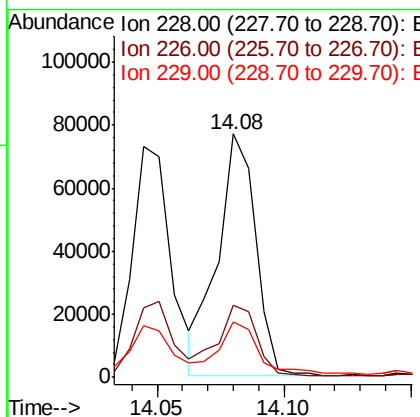
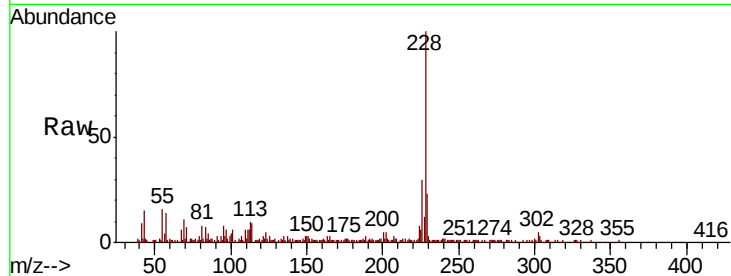
#83
Chrysene
Concen: 2.847 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BF111726.D
Acq: 26 Dec 2018 21:03

Instrument :
BNA_F
ClientSampleId :
VNJ-221

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.3	37.9
229	22.6	17.2	25.8

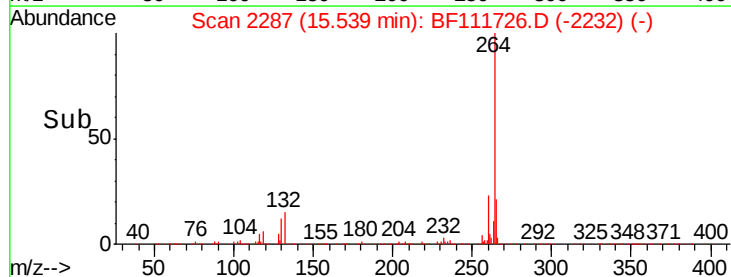
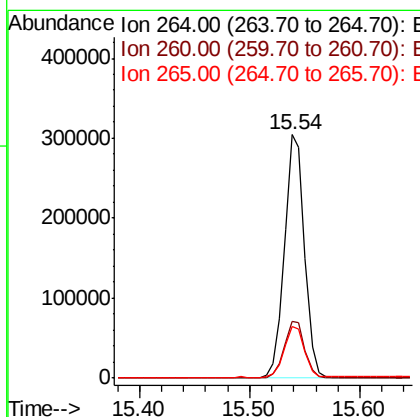
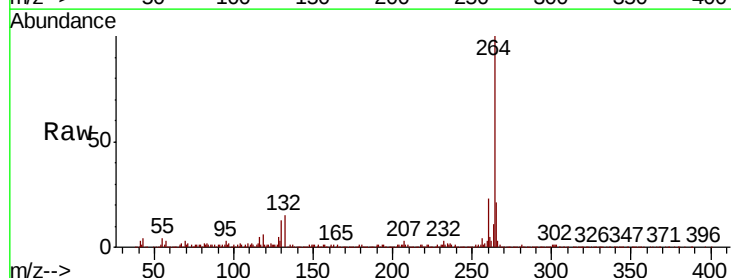
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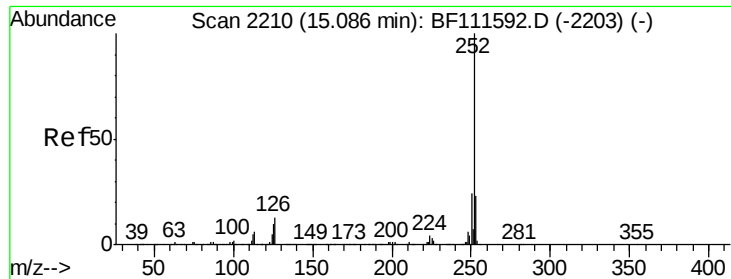
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.02 min
Lab File: BF111726.D
Acq: 26 Dec 2018 21:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.3	27.5
265	21.1	17.7	26.5





#88

Benzo(b)fluoranthene

Concen: 4.505 ng m

RT: 15.10 min Scan# 2213

Delta R.T. 0.02 min

Lab File: BF111726.D

Acq: 26 Dec 2018 21:03

Instrument :

BNA_F

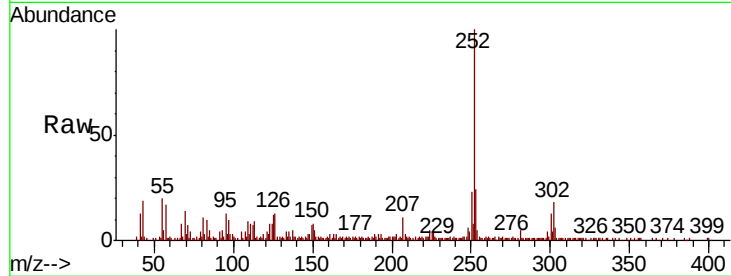
ClientSampled :

VNJ-221

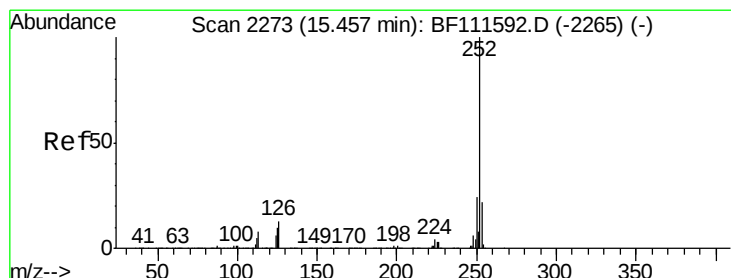
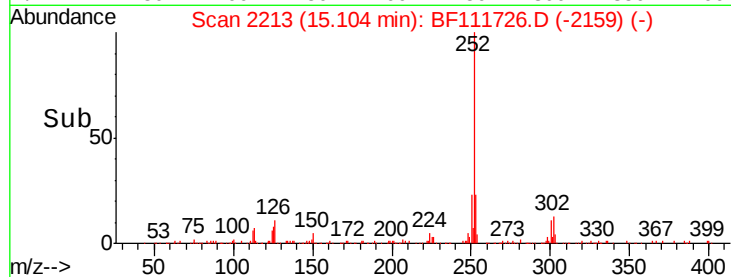
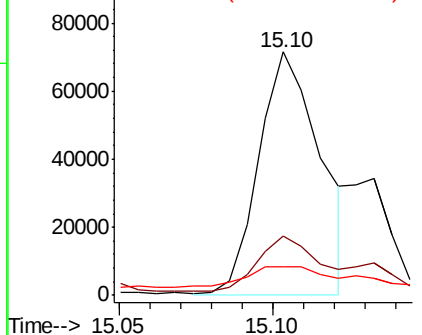
Tot Ion:	252	Resp:	99722
Ion Ratio	Lower	Upper	
252	100		
253	24.2	18.2	27.2
125	11.8	10.4	15.6

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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



#90

Benzo(a)pyrene

Concen: 3.149 ng

RT: 15.47 min Scan# 2276

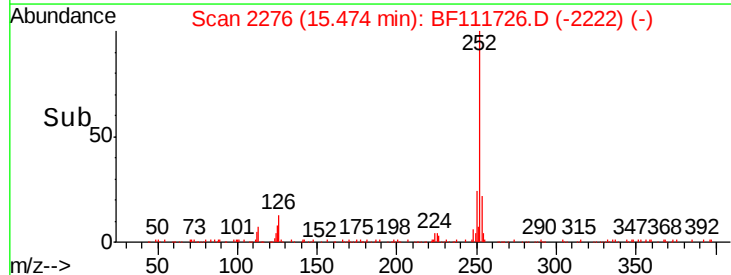
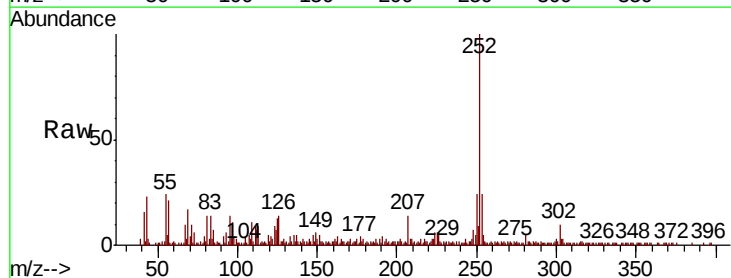
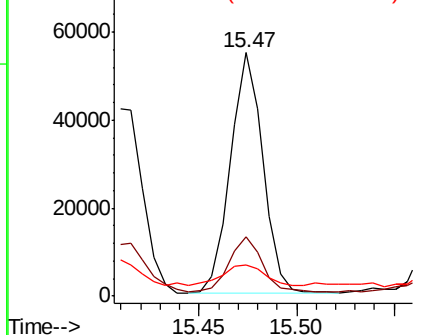
Delta R.T. 0.02 min

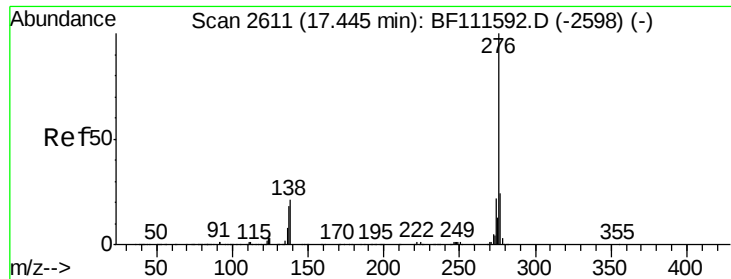
Lab File: BF111726.D

Acq: 26 Dec 2018 21:03

Tgt Ion:	252	Resp:	63324
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.8	26.8
125	12.8	12.3	18.5

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





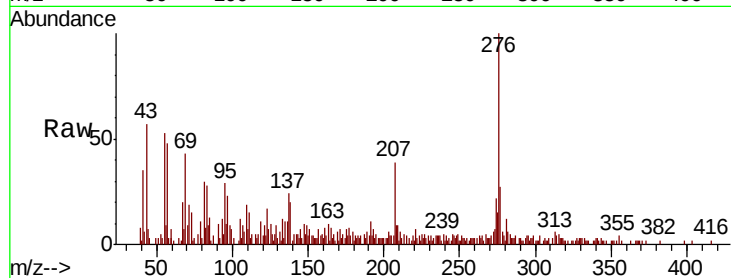
#92
 Benzo(a,h,i)perylene
 Concen: 2.309 ng
 RT: 17.47 min Scan# 2616
 Delta R.T. 0.03 min
 Lab File: BF111726.D
 Acq: 26 Dec 2018 21:03

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-221

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.1	19.2	28.8
138	19.9	24.9	37.3

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

