

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119310.D
 Acq On : 10 Mar 2020 4:19
 Operator : CG/JU
 Sample : L1836-01 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-212-VNJ-221

Manual Integrations
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Quant Time: Mar 10 12:16:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	95785	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	349420	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	173939	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	311570	20.00	ng	0.00
76) Chrysene-d12	13.89	240	265991	20.00	ng	0.00
87) Perylene-d12	15.32	264	208427	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	227661	39.72	ng	0.00
7) Phenol-d6	6.40	99	280151	40.19	ng	0.02
23) Nitrobenzene-d5	7.29	82	168750	25.50	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	80469	35.36	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	351343	29.76	ng	0.00
79) Terphenyl-d14	12.82	244	436276	28.24	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.48	163	34970	2.629	ng	98
71) Phenanthrene	11.27	178	51061	3.005	ng	99
75) Fluoranthene	12.46	202	132771	7.361	ng	99
78) Pyrene	12.69	202	117934	5.522	ng	98
81) Benzo(a)anthracene	13.87	228	60279	3.326	ng	97
83) Chrysene	13.91	228	62894	3.483	ng	98
84) Bis(2-ethylhexyl)phthalate	13.87	149	2181675	192.105	ng	# 98
86) Indeno(1,2,3-cd)pyrene	16.74	276	35023	2.003	ng	# 94
88) Benzo(b)fluoranthene	14.91	252	80410m	5.853	ng	
89) Benzo(k)fluoranthene	14.94	252	29790m	2.340	ng	
90) Benzo(a)pyrene	15.26	252	44962	3.626	ng	# 93
92) Benzo(a,h,i)perylene	17.17	276	35577	3.300	ng	# 89

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

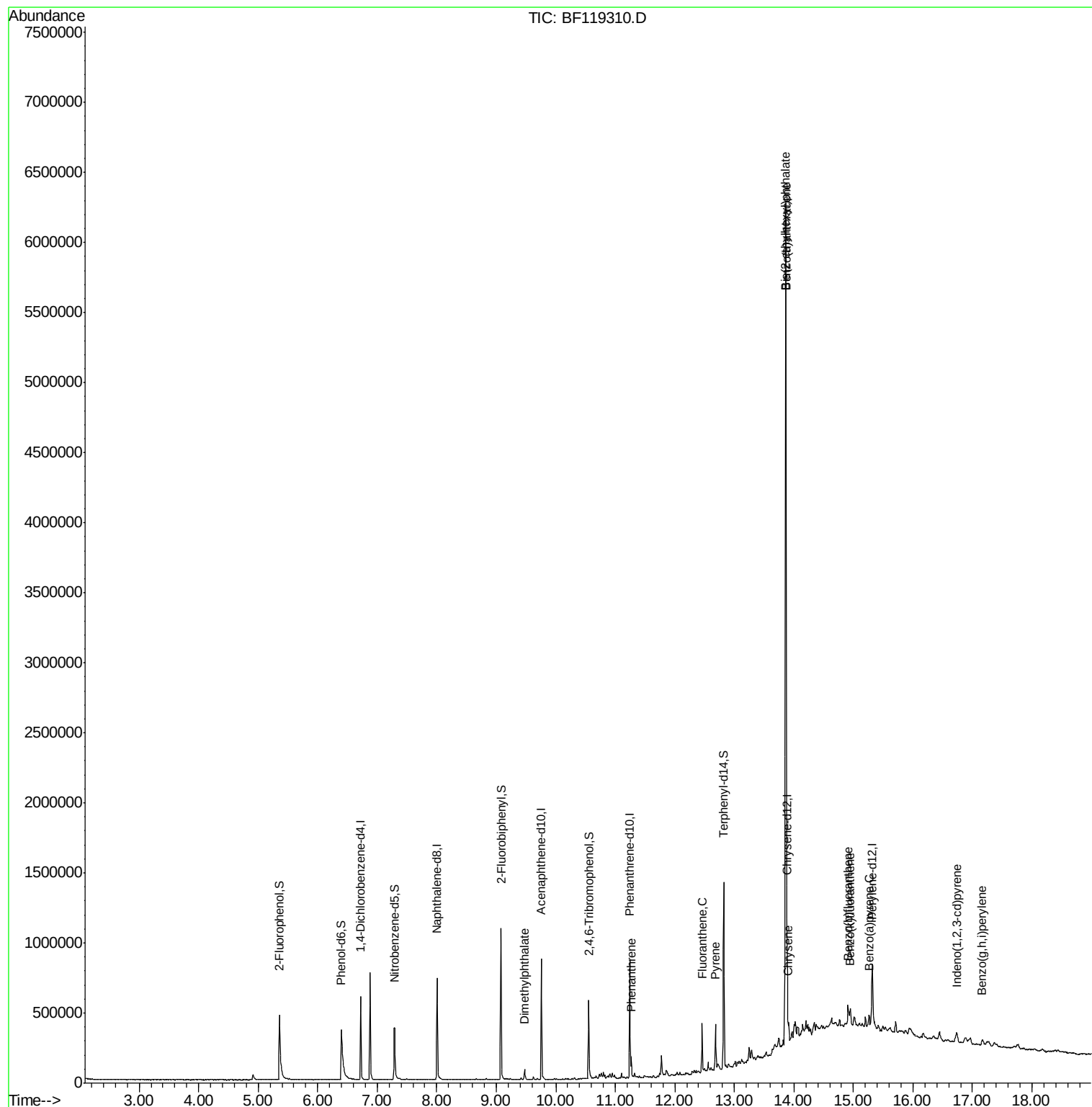
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
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ALS Vial : 22 Sample Multiplier: 1

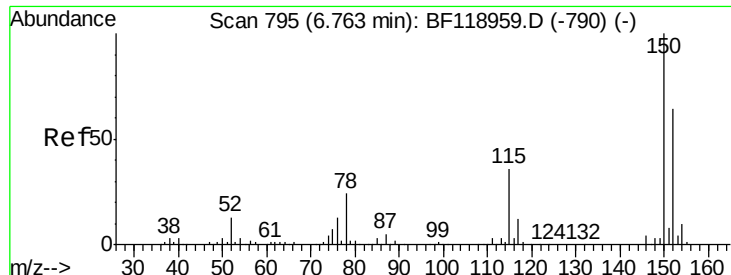
Instrument :
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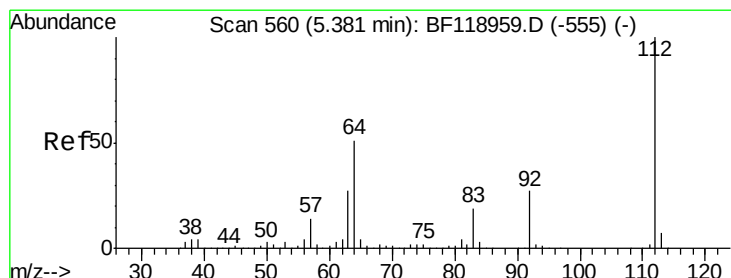
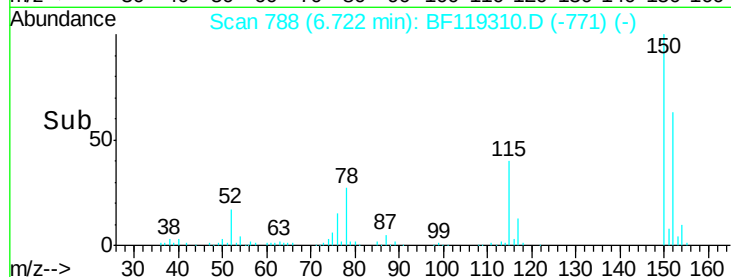
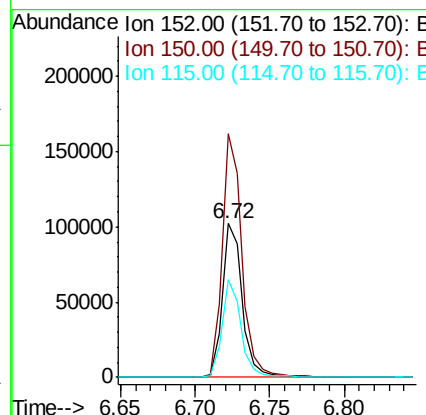
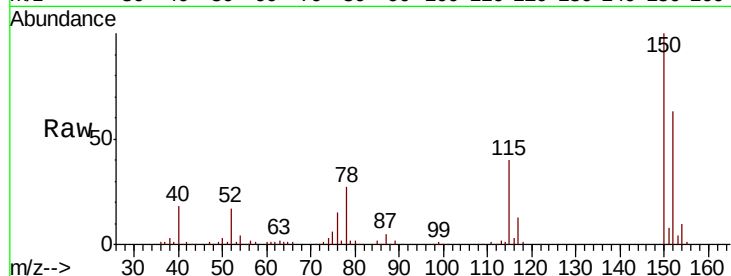
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF119310.D
 Acq: 10 Mar 2020 4:19

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-212-VNJ-221

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	123.0	184.6
115	63.4	49.5	74.3

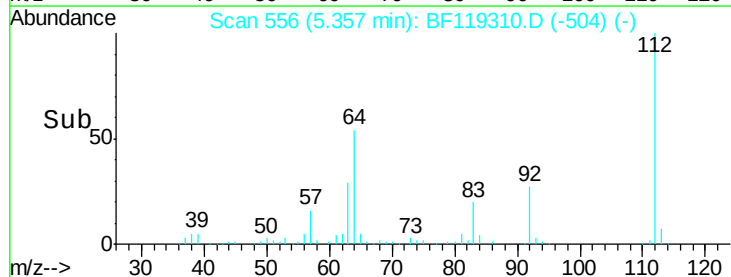
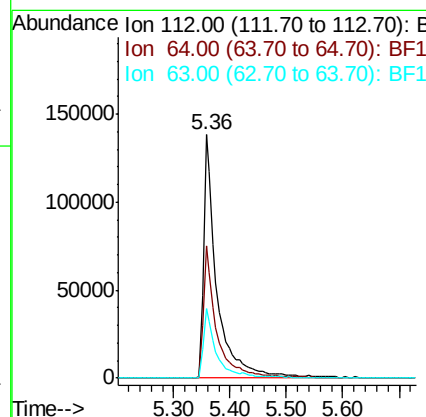
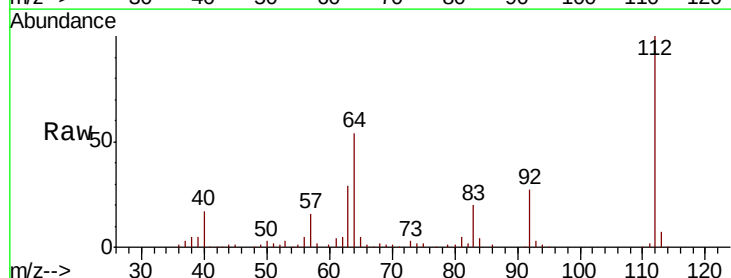
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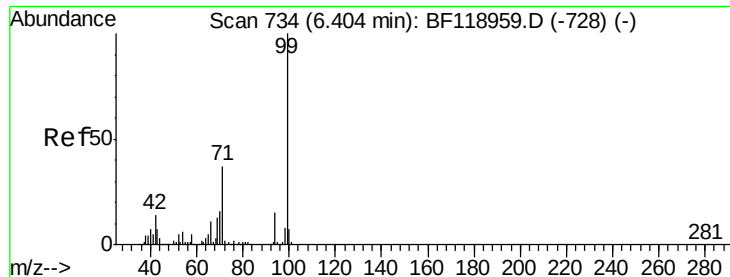
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#5
 2-Fluorophenol
 Concen: 39.720 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF119310.D
 Acq: 10 Mar 2020 4:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	45.0	67.4
63	28.6	24.2	36.4





#7

Phenol-d6

Concen: 40.190 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.02 min

Lab File: BF119310.D

Acq: 10 Mar 2020 4:19

Instrument :

BNA_F

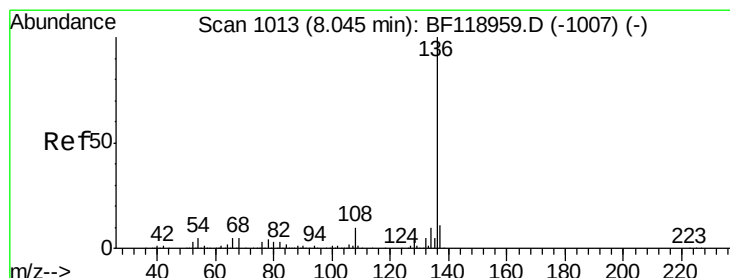
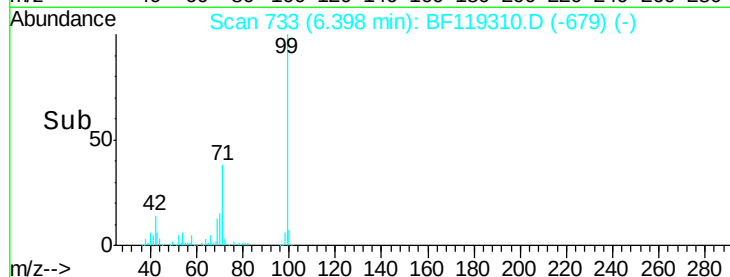
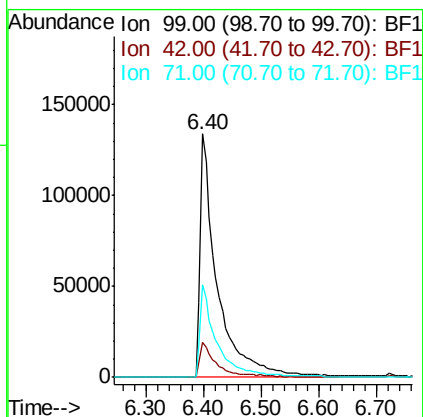
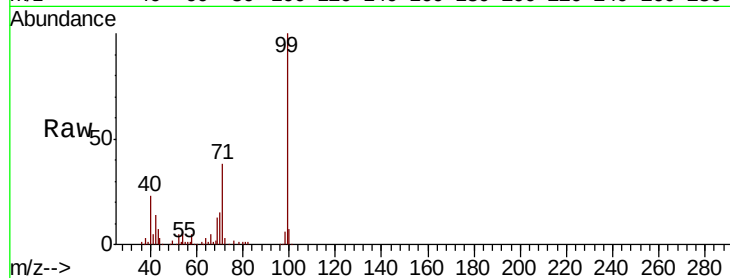
ClientSampleId :

VNJ-212-VNJ-221

Tot Ion:	99	Resp:	280151
Ion Ratio	Lower	Upper	
99	100		
42	14.4	12.6	18.8
71	38.0	31.0	46.4

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#21

Naphthalene-d8

Concen: 20.000 ng

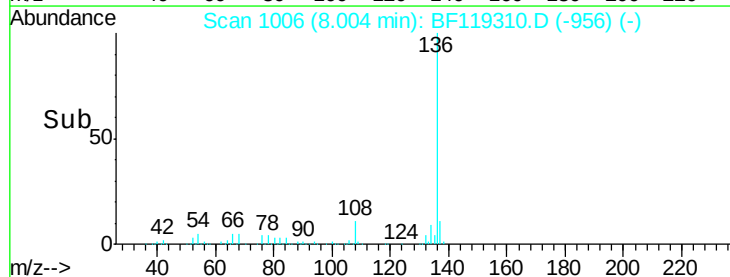
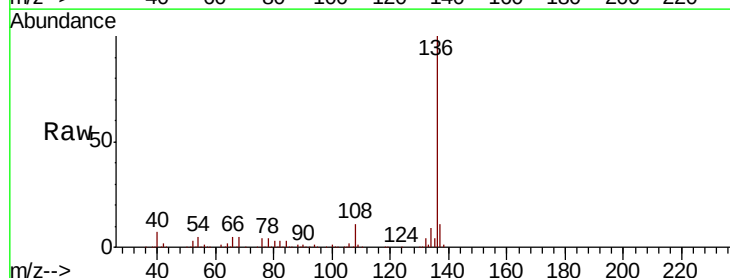
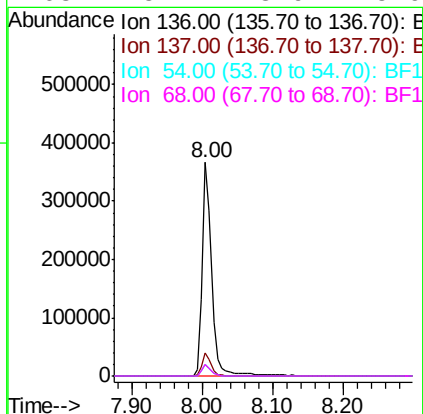
RT: 8.00 min Scan# 1006

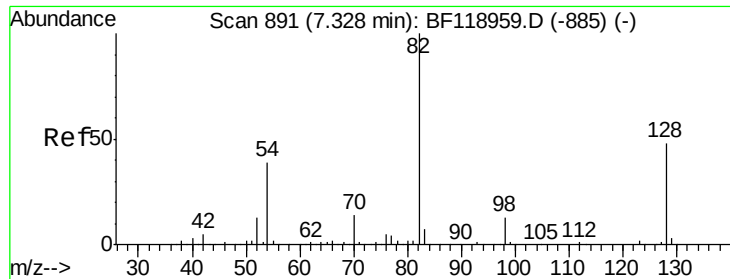
Delta R.T. -0.01 min

Lab File: BF119310.D

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Tgt Ion:	136	Resp:	349420
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	5.2	3.8	5.6
68	5.2	3.9	5.9





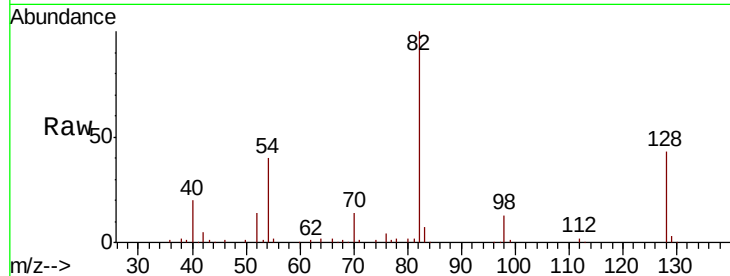
#23
 Nitrobenzene-d5
 Concen: 25.499 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF119310.D
 Acq: 10 Mar 2020 4:19

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-212-VNJ-221

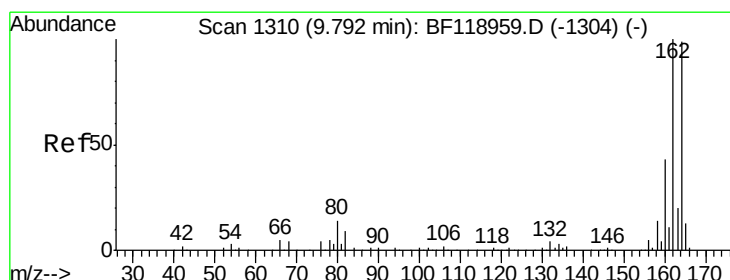
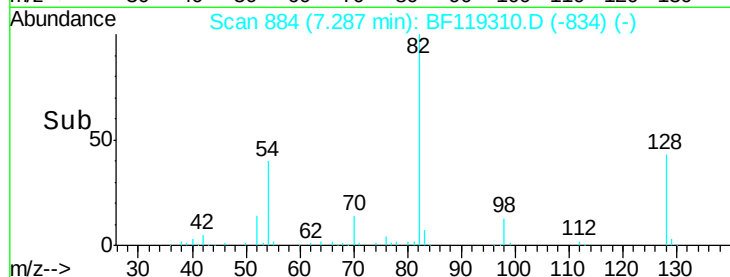
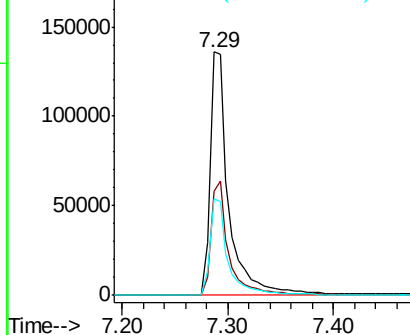
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.7	37.9	56.9
54	39.8	33.4	50.2

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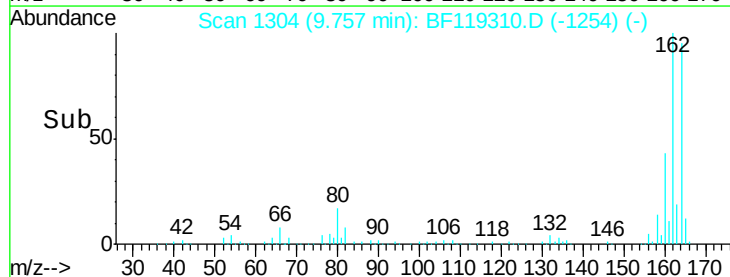
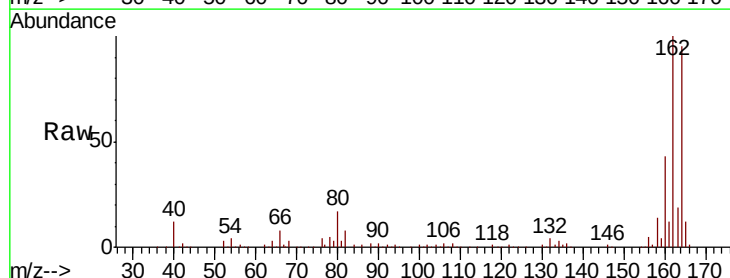
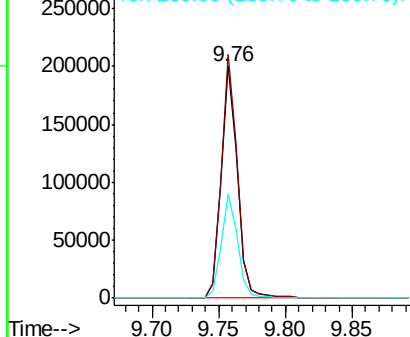
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

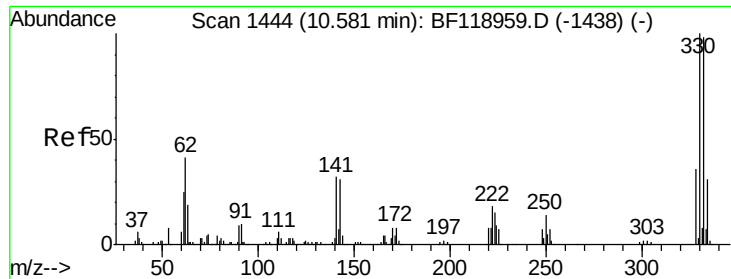


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF119310.D
 Acq: 10 Mar 2020 4:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	81.8	122.8
160	44.9	36.0	54.0

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





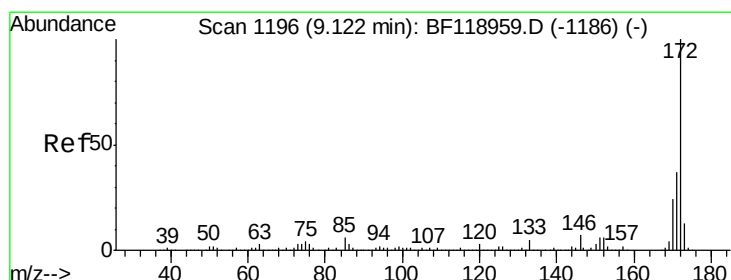
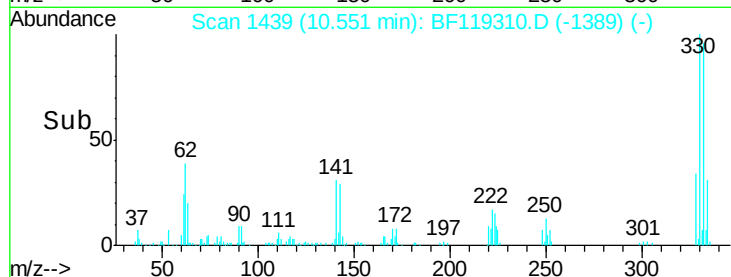
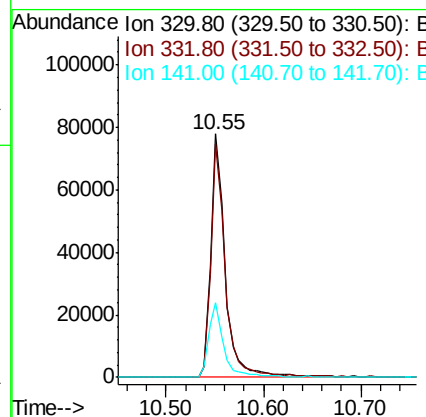
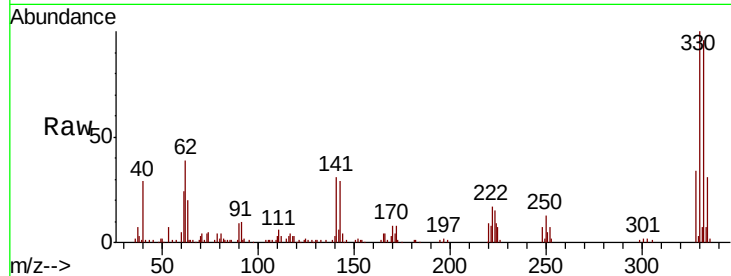
#42
 2,4,6-Tribromophenol
 Concen: 35.365 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF119310.D
 Acq: 10 Mar 2020 4:19

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-212-VNJ-221

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	76.0	114.0	
141	31.6	22.9	34.3	

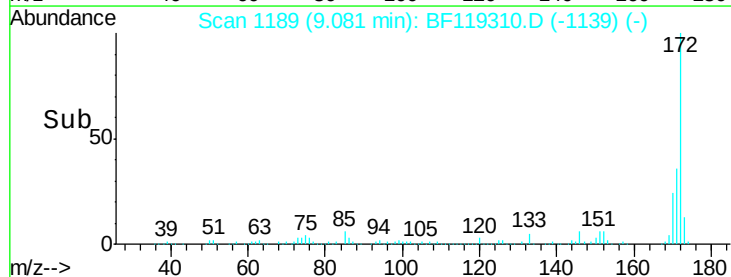
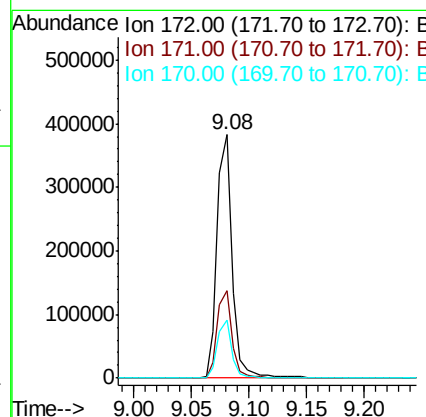
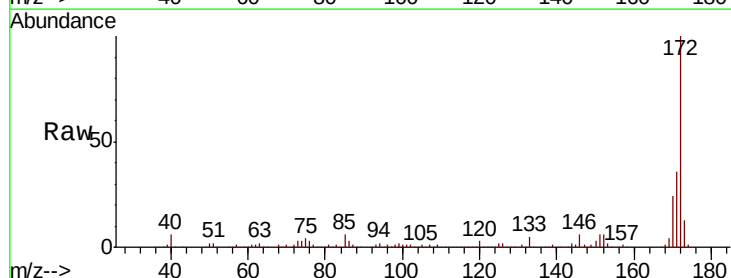
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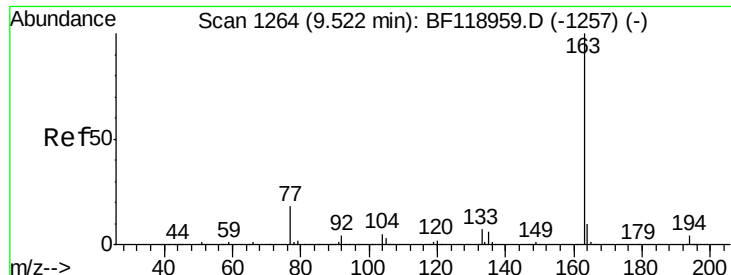
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#45
 2-Fluorobiphenyl
 Concen: 29.757 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119310.D
 Acq: 10 Mar 2020 4:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.0	30.6	45.8	
170	23.9	20.2	30.2	





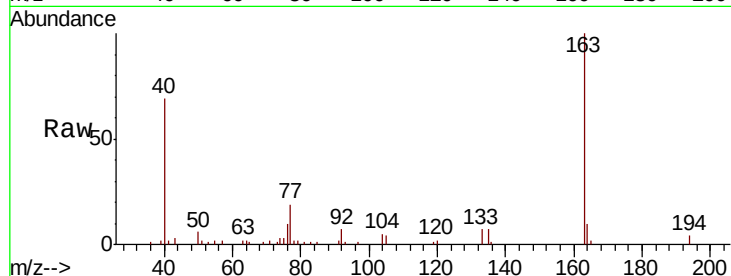
#50
Dimethylphthalate
Concen: 2.629 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF119310.D
Acq: 10 Mar 2020 4:19

Instrument :
BNA_F
ClientSampleId :
VNJ-212-VNJ-221

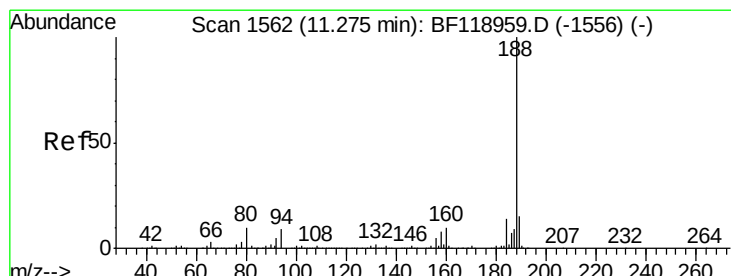
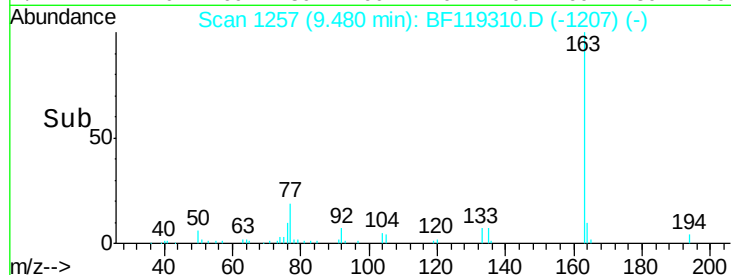
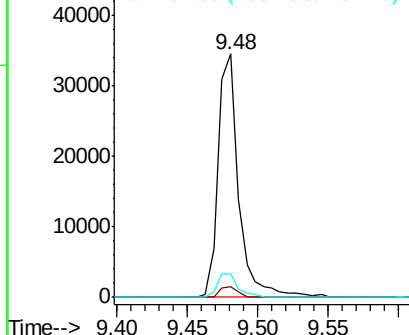
Tot Ion	Ratio	Resp	Lower	Upper
163	100	34970		
194	4.1	3.5	5.3	
164	9.6	8.4	12.6	

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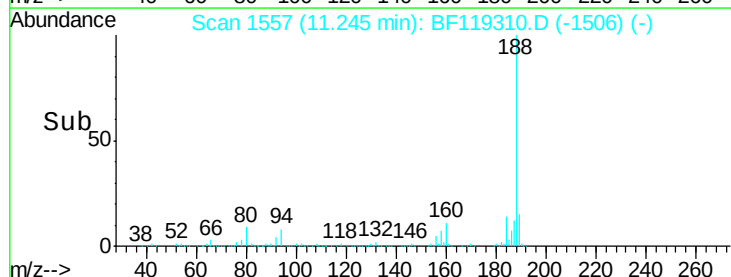
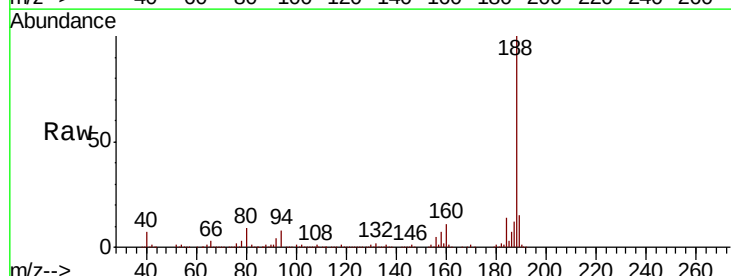
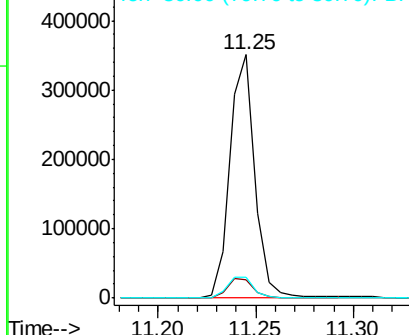
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

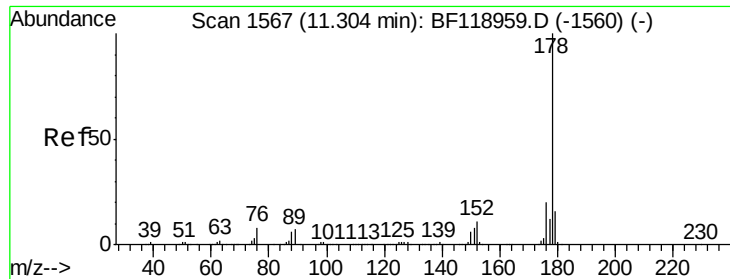


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119310.D
Acq: 10 Mar 2020 4:19

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	311570		
94	7.6	7.1	10.7	
80	8.8	7.8	11.8	

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





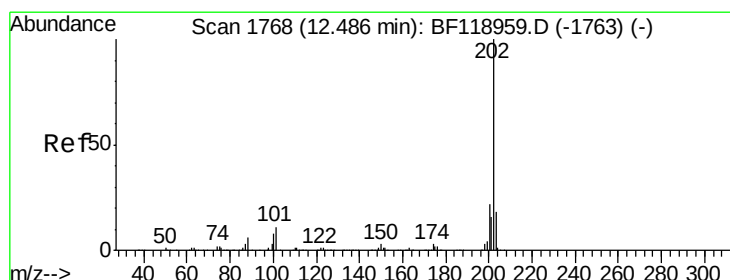
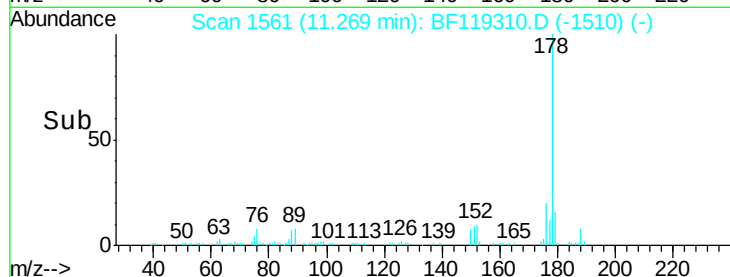
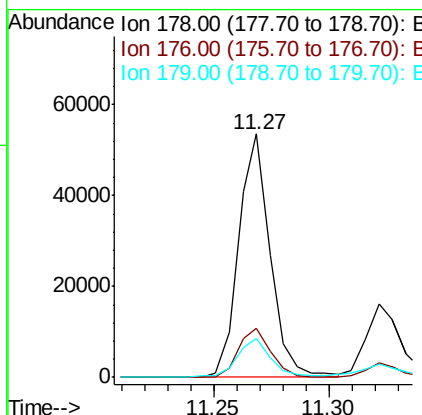
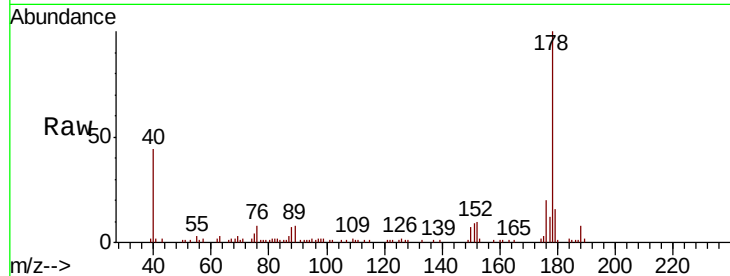
#71
Phenanthrene
Concen: 3.005 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF119310.D
Acq: 10 Mar 2020 4:19

Instrument :
BNA_F
ClientSampleId :
VNJ-212-VNJ-221

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.5	24.7
179	16.2	13.0	19.6

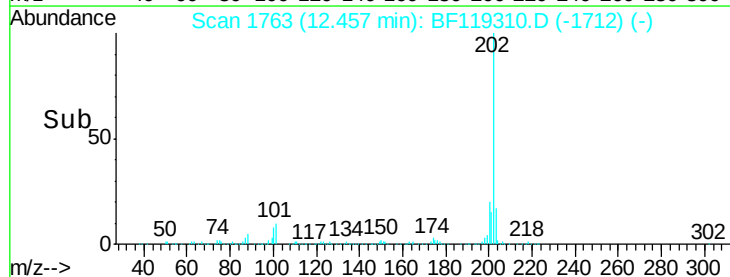
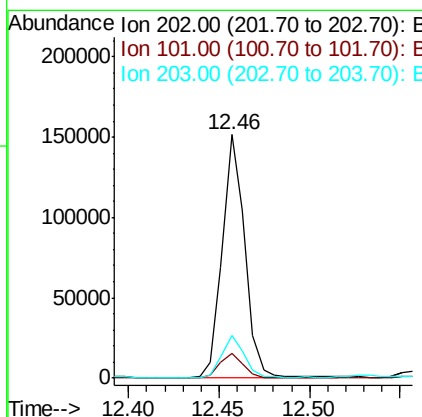
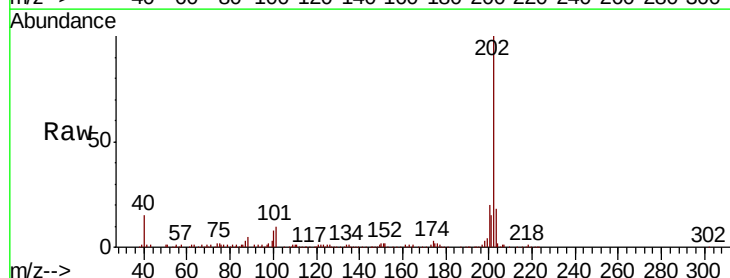
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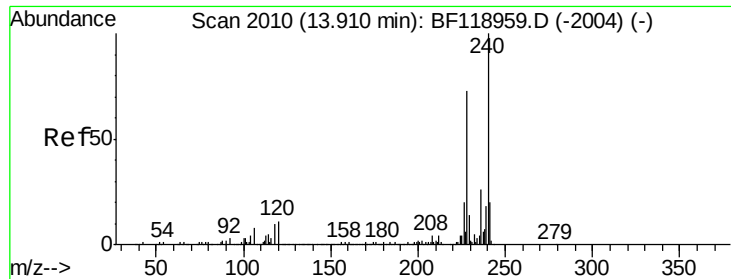
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#75
Fluoranthene
Concen: 7.361 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BF119310.D
Acq: 10 Mar 2020 4:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	30.3
203	17.5	0.0	38.4





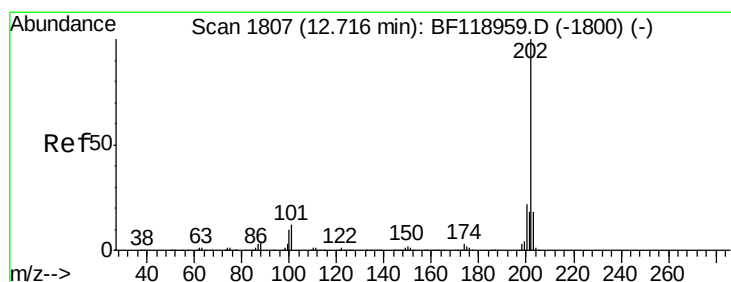
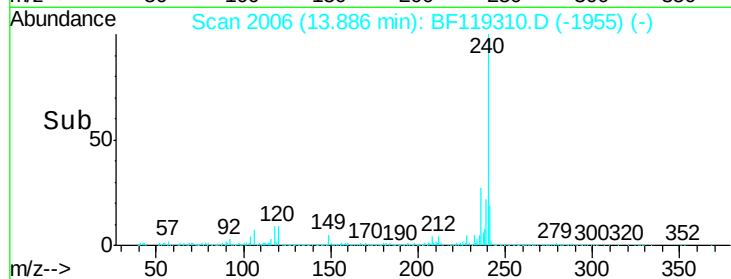
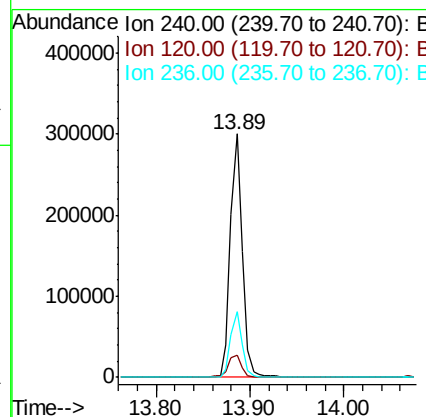
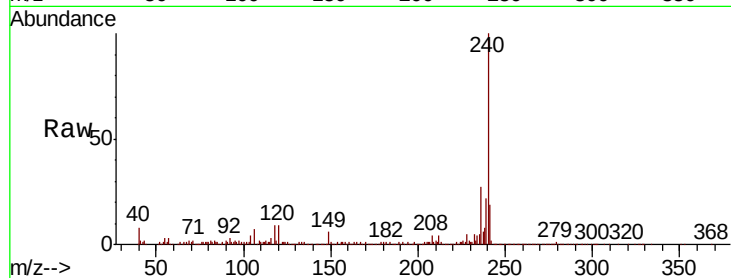
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF119310.D
Acq: 10 Mar 2020 4:19

Instrument :
BNA_F
ClientSampleId :
VNJ-212-VNJ-221

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.4	12.6
236	26.7	21.0	31.4

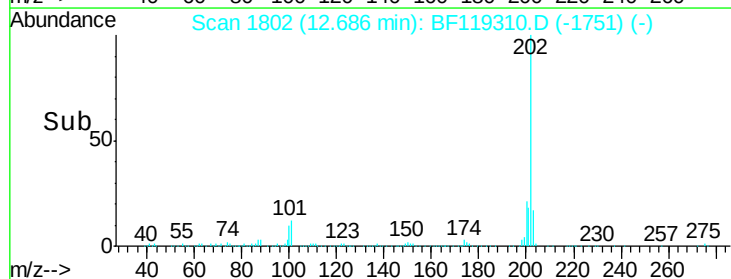
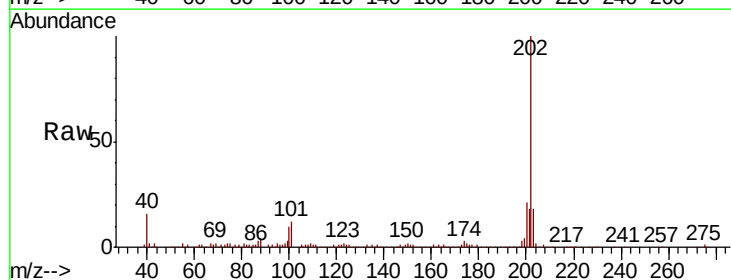
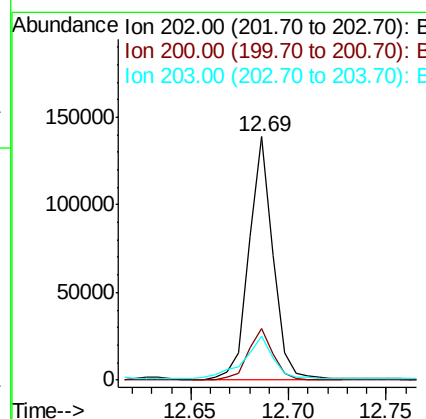
Manual Integrations
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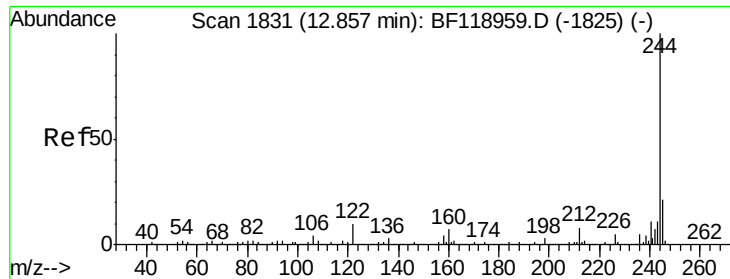
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#78
Pyrene
Concen: 5.522 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BF119310.D
Acq: 10 Mar 2020 4:19

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	18.0	27.0
203	17.8	14.6	22.0





#79

Terphenyl-d14

Concen: 28.239 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119310.D

Acq: 10 Mar 2020 4:19

Instrument :

BNA_F

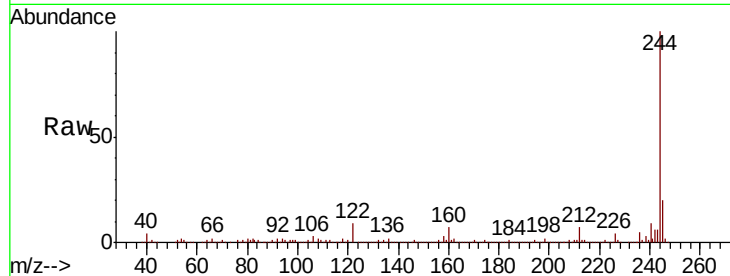
ClientSampleId :

VNJ-212-VNJ-221

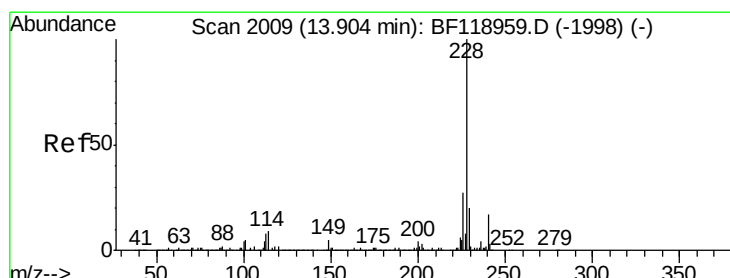
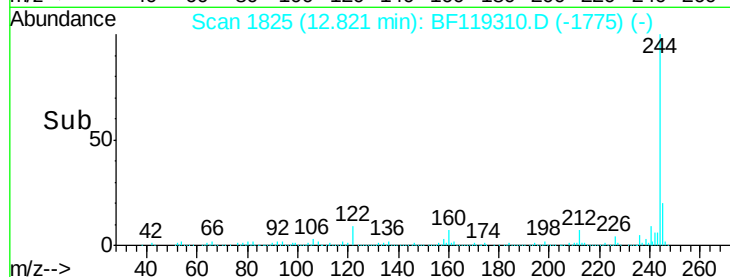
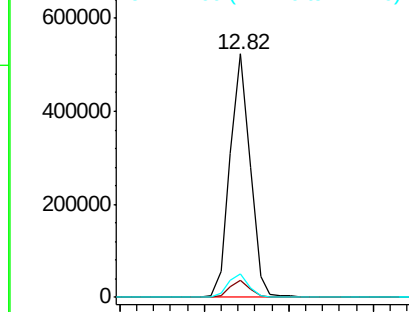
Tot Ion:	244	Resp:	436276
Ion Ratio	Lower	Upper	
244	100		
212	6.8	6.6	10.0
122	9.5	8.2	12.2

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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: 3.326 ng

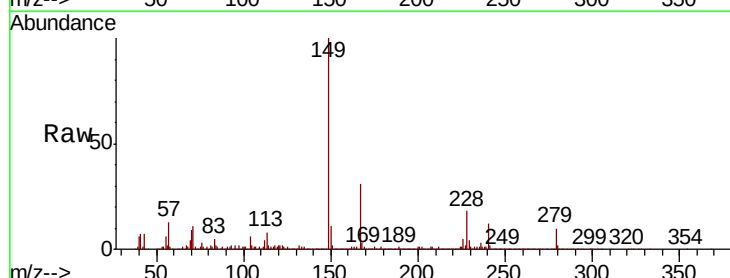
RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

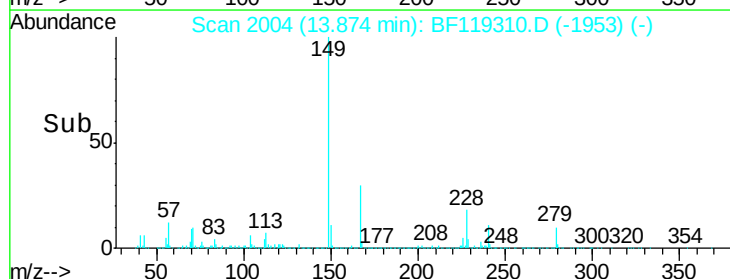
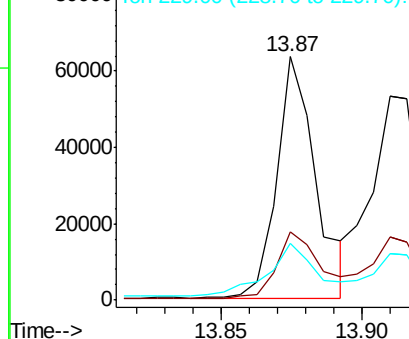
Lab File: BF119310.D

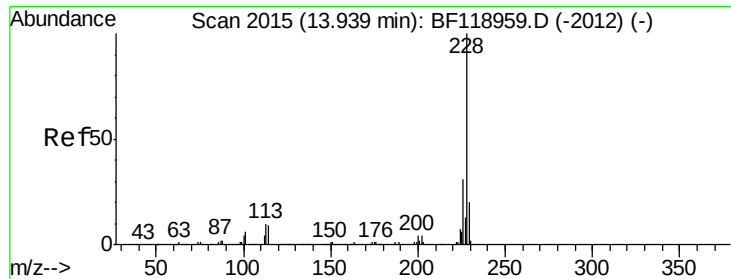
Acq: 10 Mar 2020 4:19

Tgt Ion:	228	Resp:	60279
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.6	33.8
229	23.5	16.6	24.8



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: 3.483 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF119310.D

Acq: 10 Mar 2020 4:19

Instrument :

BNA_F

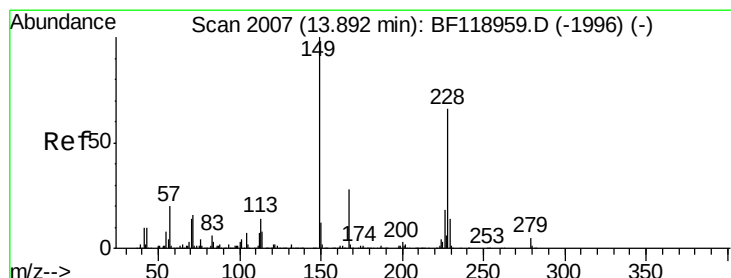
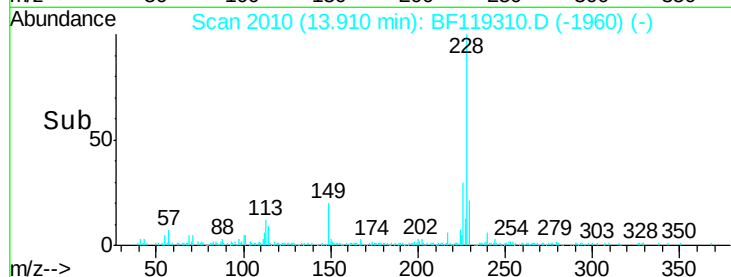
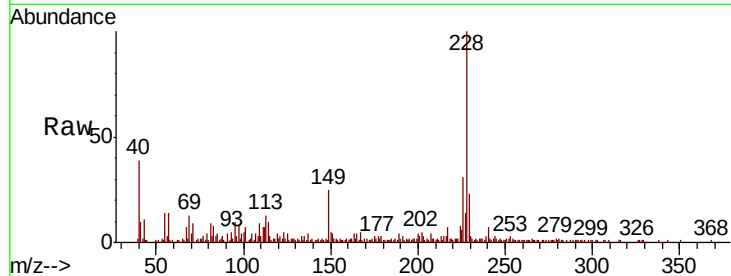
ClientSampleId :

VNJ-212-VNJ-221

Tot Ion:	228	Resp:	62894
Ion Ratio	Lower	Upper	
228	100		
226	31.1	25.1	37.7
229	22.8	16.3	24.5

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#84

Bis(2-ethylhexyl)phthalate

Concen: 192.105 ng

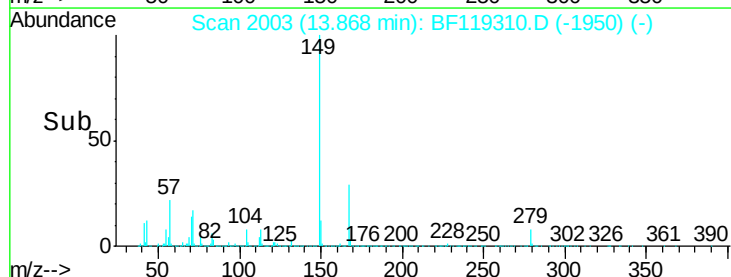
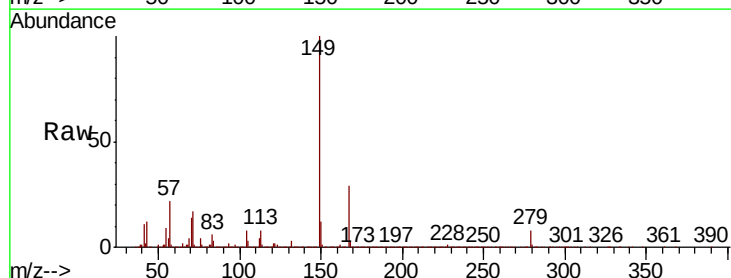
RT: 13.87 min Scan# 2003

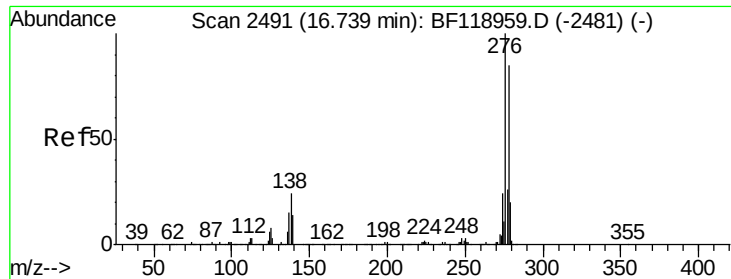
Delta R.T. 0.01 min

Lab File: BF119310.D

Acq: 10 Mar 2020 4:19

Tgt Ion:	149	Resp:	2181675
Ion Ratio	Lower	Upper	
149	100		
167	29.1	22.8	34.2
279	7.7	4.6	6.8#





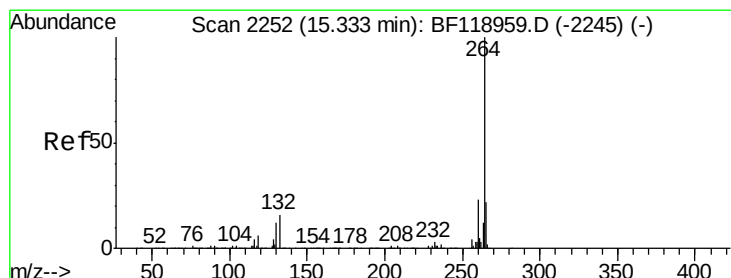
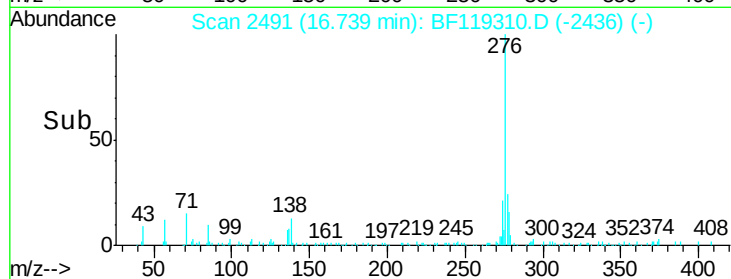
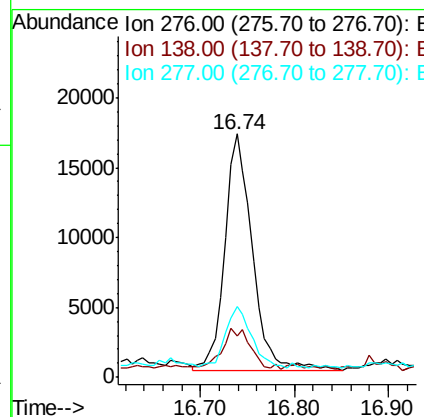
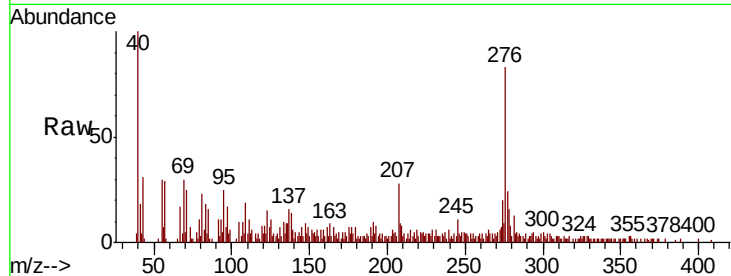
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.003 ng
 RT: 16.74 min Scan# 2491
 Delta R.T. 0.02 min
 Lab File: BF119310.D
 Acq: 10 Mar 2020 4:19

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-212-VNJ-221

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.3	17.4	26.0#
277	24.4	20.3	30.5

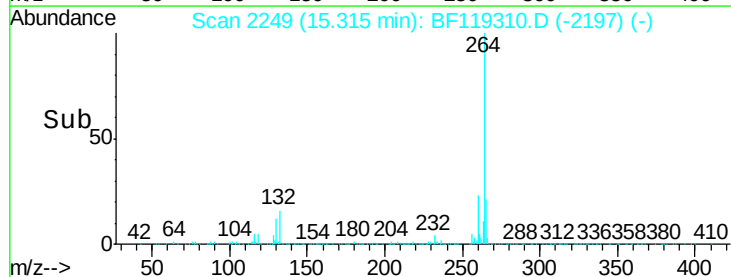
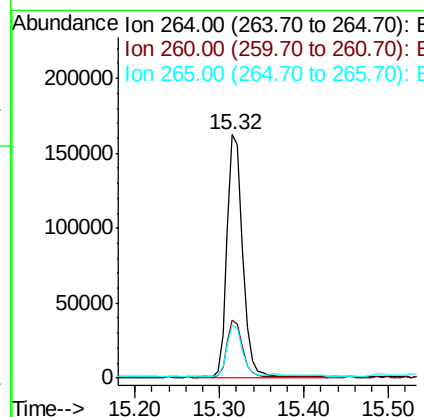
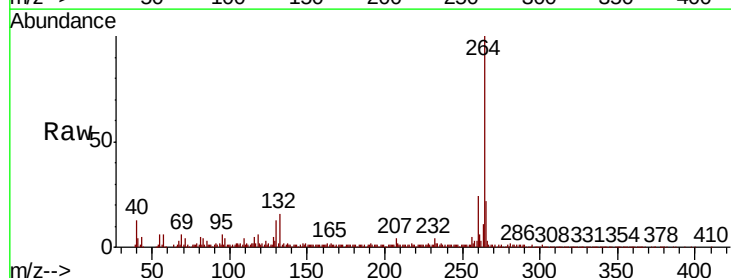
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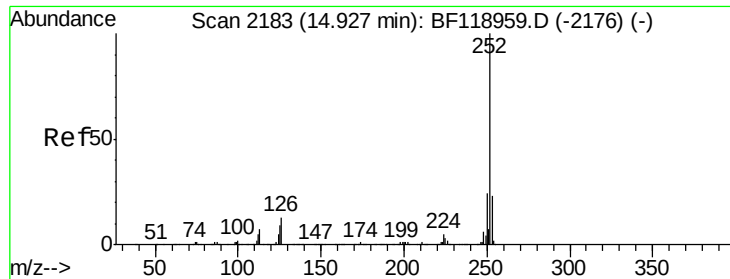
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF119310.D
 Acq: 10 Mar 2020 4:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.7	17.7	26.5





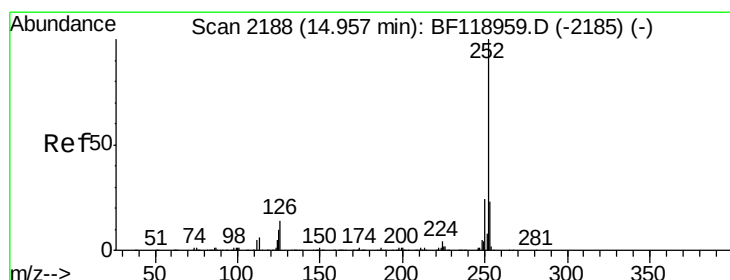
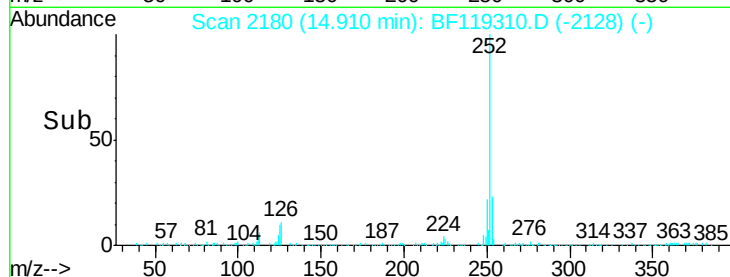
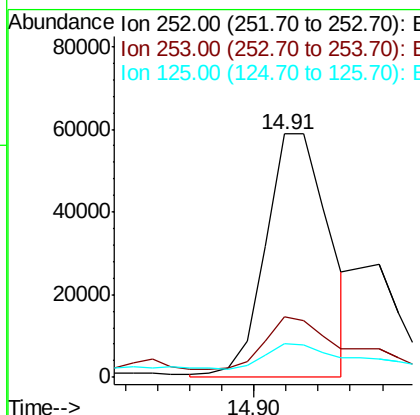
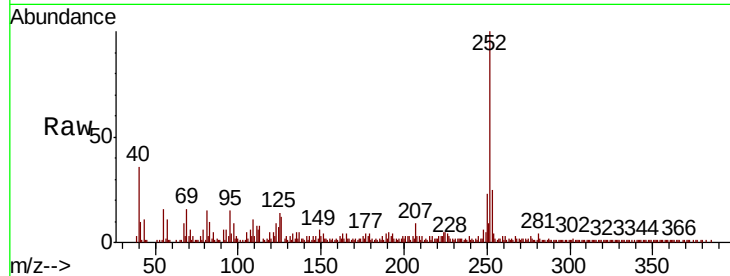
#88
Benzo(b)fluoranthene
Concen: 5.853 ng m
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF119310.D
Acq: 10 Mar 2020 4:19

Instrument :
BNA_F
ClientSampleId :
VNJ-212-VNJ-221

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.1	27.1
125	13.7	7.4	11.0

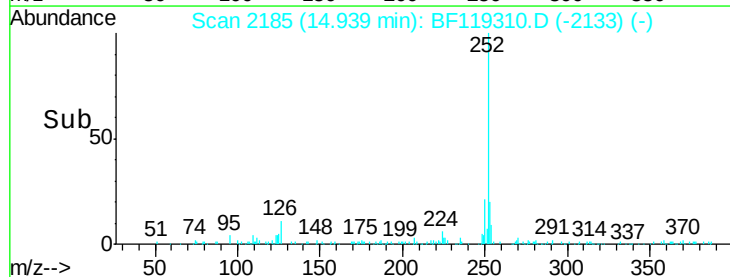
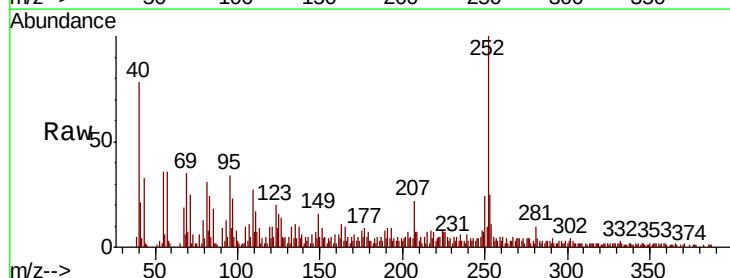
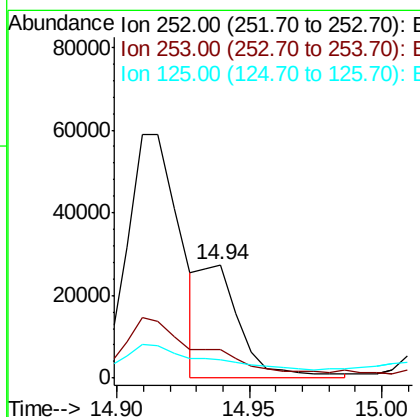
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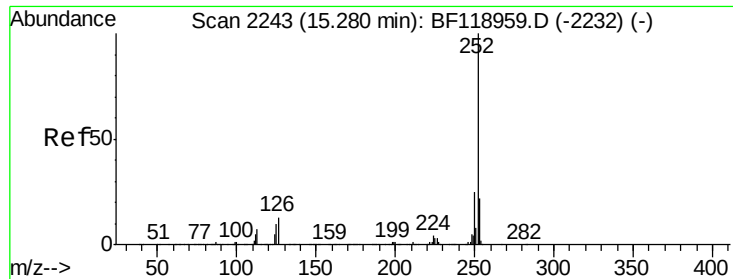
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#89
Benzo(k)fluoranthene
Concen: 2.340 ng m
RT: 14.94 min Scan# 2185
Delta R.T. 0.01 min
Lab File: BF119310.D
Acq: 10 Mar 2020 4:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.8	26.8
125	16.5	7.5	11.3





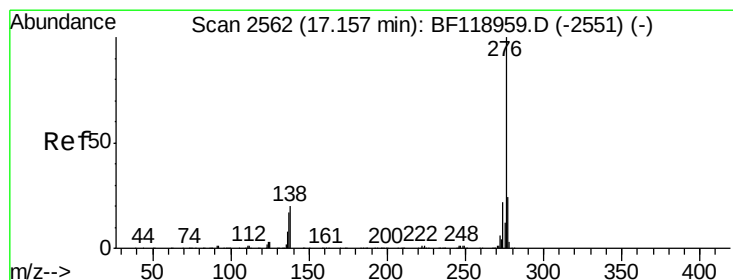
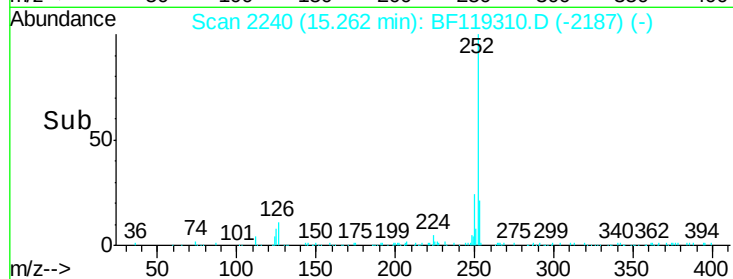
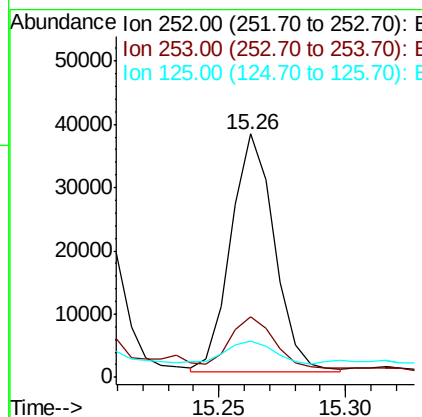
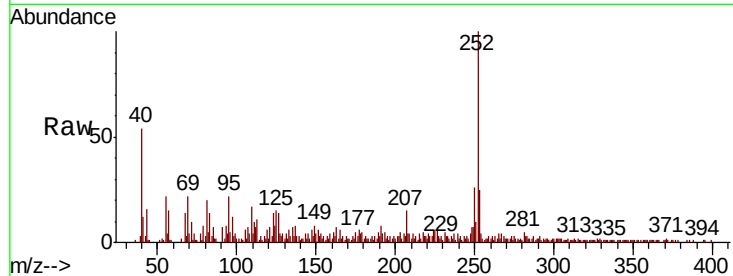
#90
Benzo(a)pyrene
Concen: 3.626 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF119310.D
Acq: 10 Mar 2020 4:19

Instrument :
BNA_F
ClientSampleId :
VNJ-212-VNJ-221

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.0	27.0
125	15.0	8.6	12.8

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#92
Benzo(g,h,i)perylene
Concen: 3.300 ng
RT: 17.17 min Scan# 2564
Delta R.T. 0.03 min
Lab File: BF119310.D
Acq: 10 Mar 2020 4:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.5	18.7	28.1
138	24.8	14.3	21.5

