

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
 Data File : BF119324.D
 Acq On : 10 Mar 2020 18:51
 Operator : CG/JU
 Sample : L1852-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-S

Manual Integrations
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Quant Time: Mar 11 04:42:21 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	108369	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	402408	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	195803	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	288735	20.00	ng	0.00
76) Chrysene-d12	13.89	240	233919	20.00	ng	0.00
87) Perylene-d12	15.32	264	203692	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	534085	82.36	ng	0.00
7) Phenol-d6	6.38	99	661376	83.86	ng	0.00
23) Nitrobenzene-d5	7.29	82	459029	60.23	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	136203	53.17	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	778439	58.57	ng	0.00
79) Terphenyl-d14	12.82	244	618923	45.55	ng	0.00
Target Compounds						
31) Naphthalene	8.03	128	43424	2.081	ng	98
37) 2-Methylnaphthalene	8.72	142	40399	2.876	ng	96
38) 1-Methylnaphthalene	8.82	142	48023	3.636	ng	95
50) Dimethylphthalate	9.47	163	131403	8.776	ng	100
71) Phenanthrene	11.27	178	95517	6.066	ng	97
75) Fluoranthene	12.46	202	116299	6.958	ng	98
78) Pyrene	12.69	202	112037	5.965	ng	97
81) Benzo(a)anthracene	13.87	228	86888	5.451	ng	98
83) Chrysene	13.92	228	104459	6.577	ng	96
86) Indeno(1,2,3-cd)pyrene	16.74	276	34644	2.253	ng	96
88) Benzo(b)fluoranthene	14.91	252	124104m	9.243	ng	
89) Benzo(k)fluoranthene	14.93	252	41422m	3.329	ng	
90) Benzo(a)pyrene	15.26	252	58615	4.837	ng	97
92) Benzo(a,h,i)perylene	17.17	276	34650	3.289	ng	# 94

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

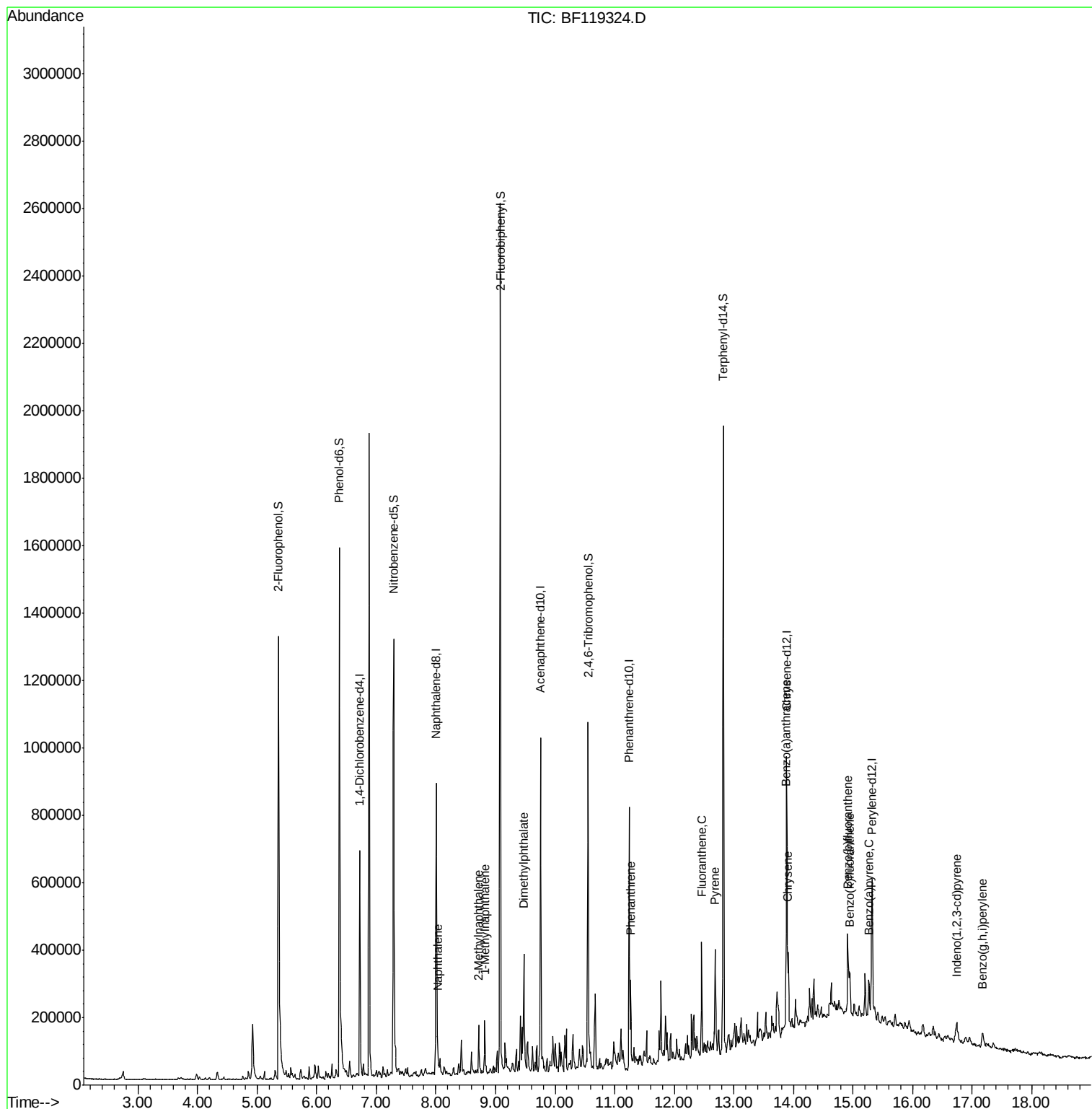
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119324.D
Acq On : 10 Mar 2020 18:51
Operator : CG/JU
Sample : L1852-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

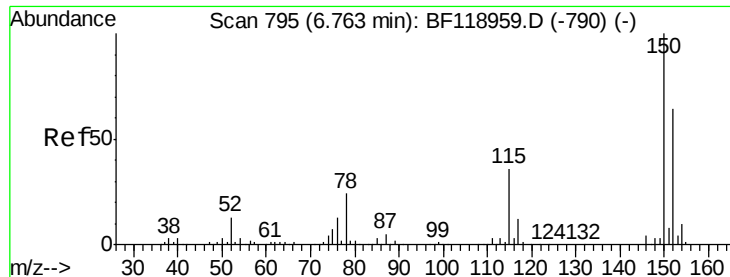
Instrument :
BNA_F
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

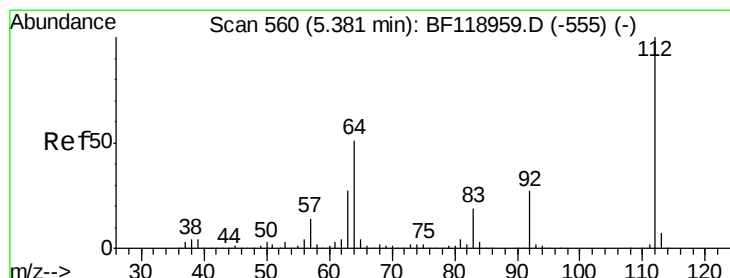
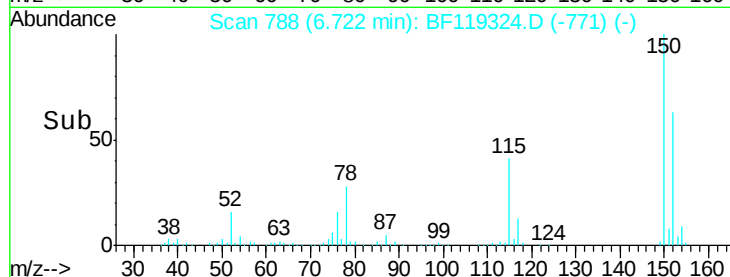
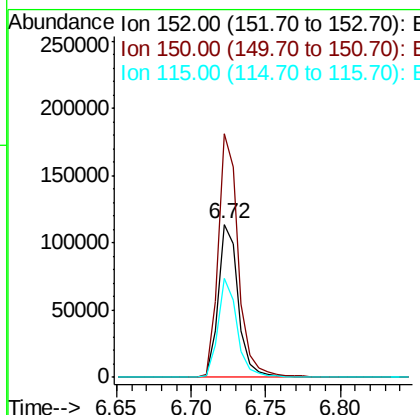
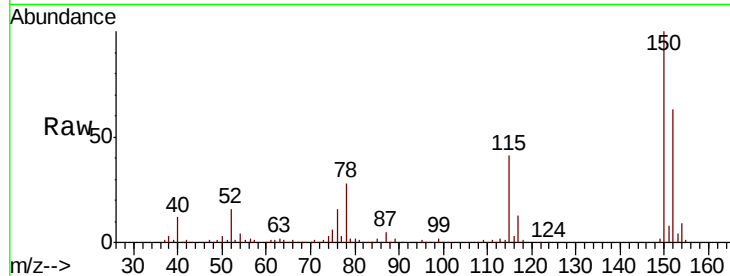
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119324.D
Acq: 10 Mar 2020 18:51

Instrument :
BNA_F
ClientSampled :
TP-3-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	123.0	184.6
115	65.1	49.5	74.3

Manual Integrations
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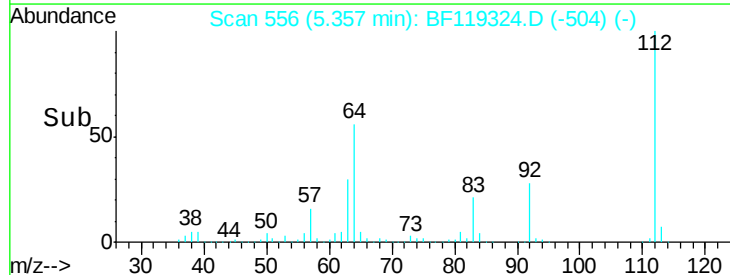
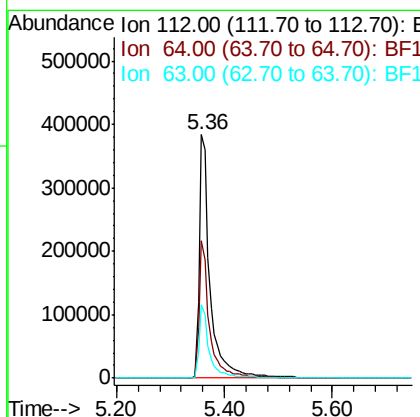
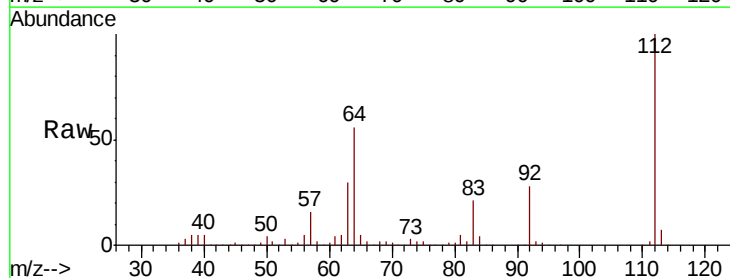
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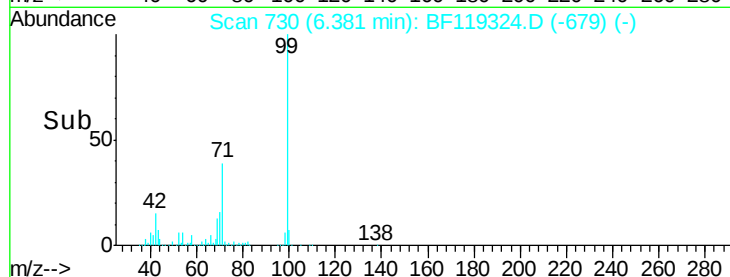
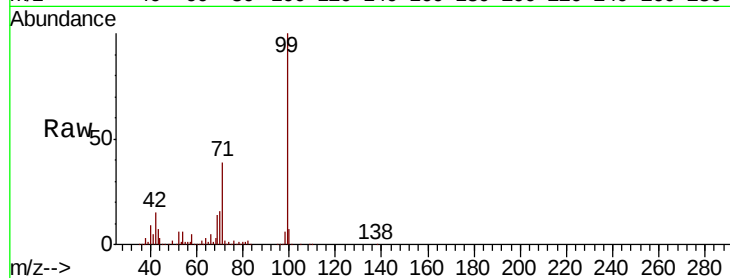
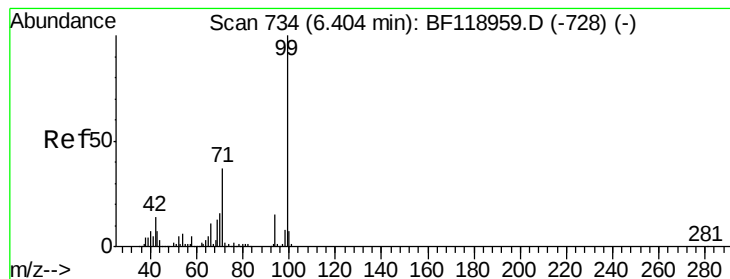


#5

2-Fluorophenol
Concen: 82.362 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF119324.D
Acq: 10 Mar 2020 18:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	45.0	67.4
63	30.1	24.2	36.4





#7

Phenol-d6

Concen: 83.862 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119324.D

Acq: 10 Mar 2020 18:51

Tot Ion	99	Resp	661376
Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.6	18.8
71	38.7	31.0	46.4

Instrument :

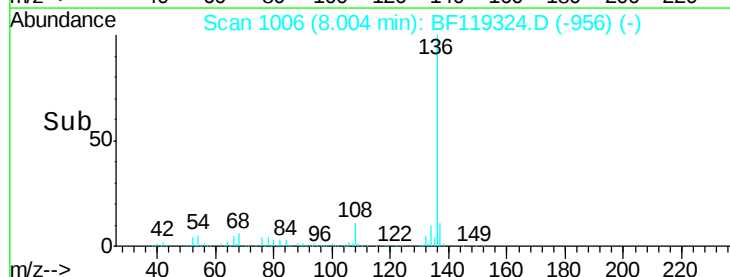
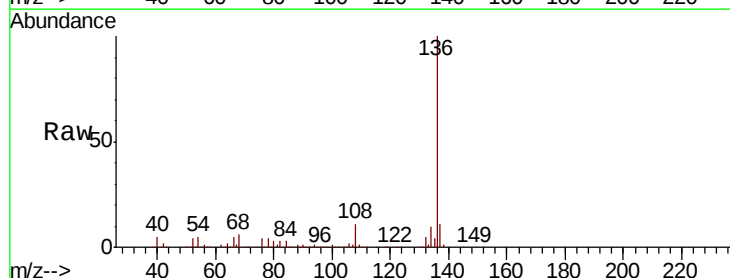
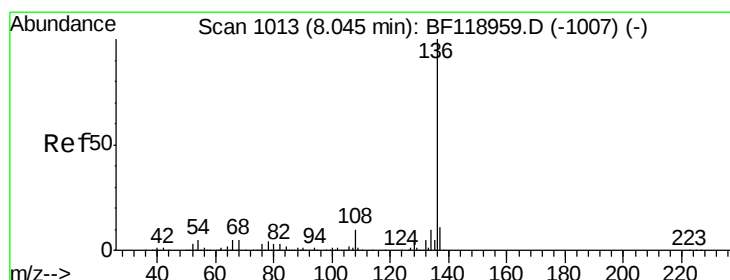
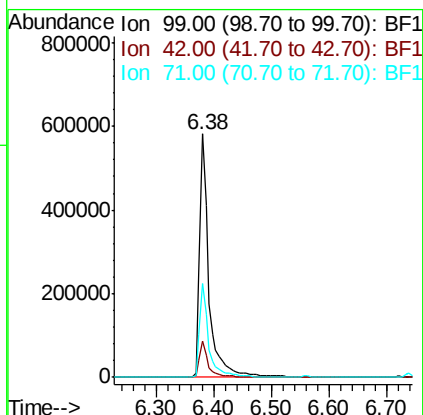
BNA_F

ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.000 ng

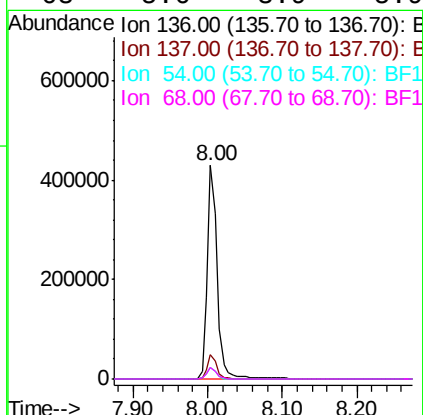
RT: 8.00 min Scan# 1006

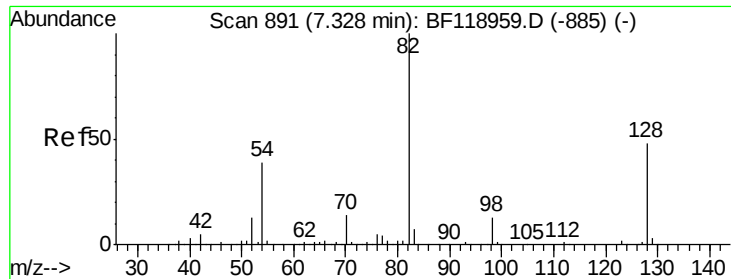
Delta R.T. -0.01 min

Lab File: BF119324.D

Acq: 10 Mar 2020 18:51

Tgt Ion	136	Resp	402408
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	5.4	3.8	5.6
68	5.6	3.9	5.9





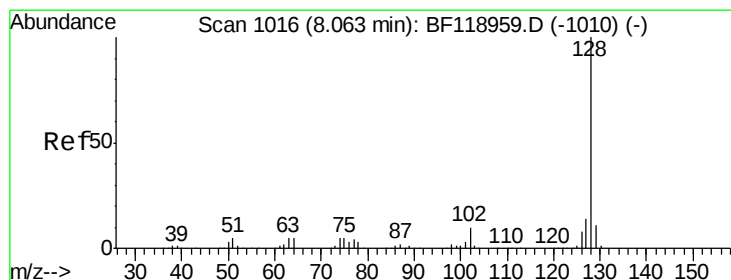
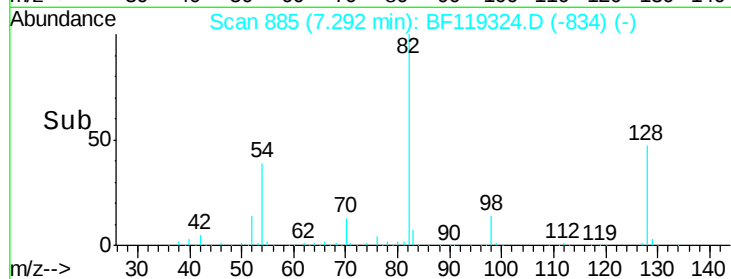
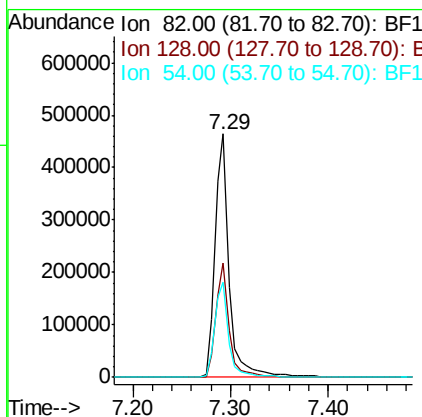
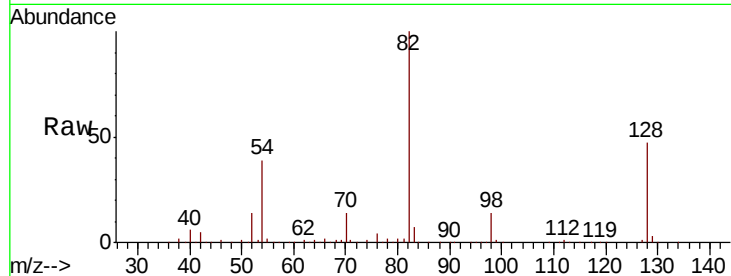
#23
Nitrobenzene-d5
Concen: 60.229 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF119324.D
Acq: 10 Mar 2020 18:51

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tot Ion	82	Resp	459029
Ion Ratio	100	Lower	Upper
82	100		
128	46.7	37.9	56.9
54	39.3	33.4	50.2

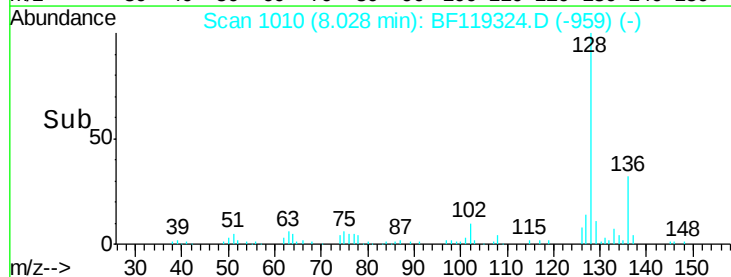
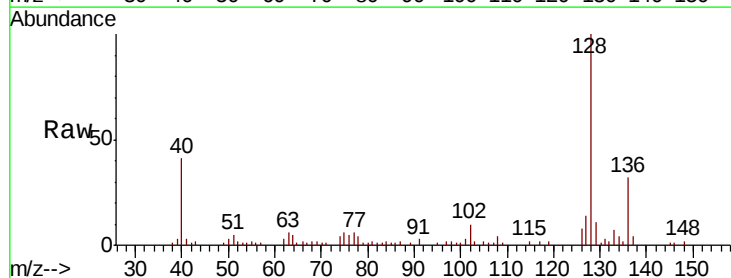
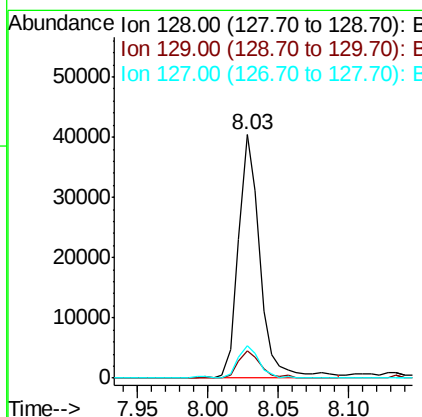
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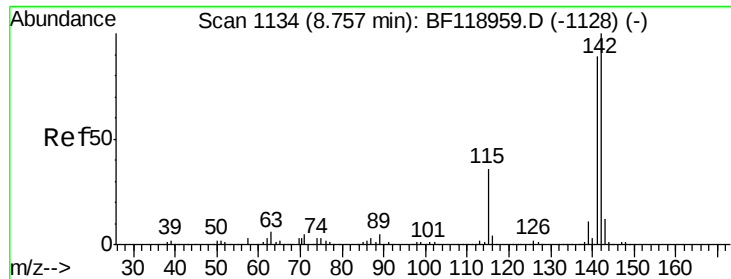
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#31
Naphthalene
Concen: 2.081 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF119324.D
Acq: 10 Mar 2020 18:51

Tgt Ion	128	Resp	43424
Ion Ratio	100	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	13.5	11.4	17.2





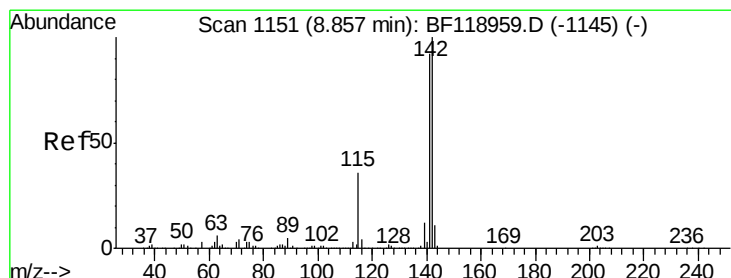
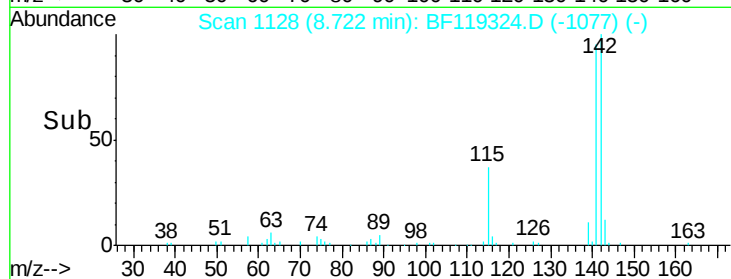
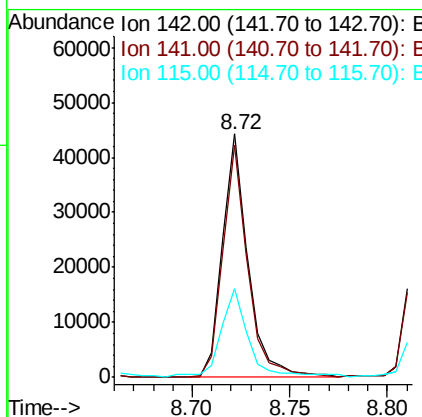
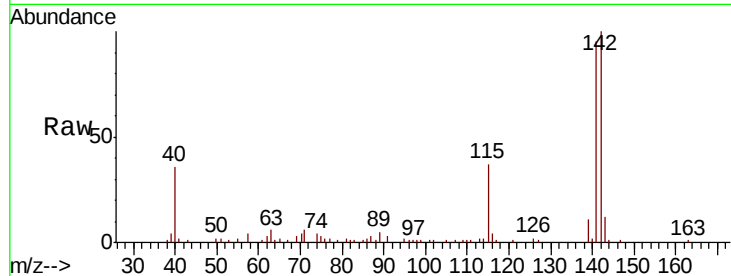
#37
2-Methylnaphthalene
Concen: 2.876 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF119324.D
Acq: 10 Mar 2020 18:51

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tot Ion	Ratio	Lower	Upper
142	100		
141	95.1	72.3	108.5
115	36.6	30.6	45.8

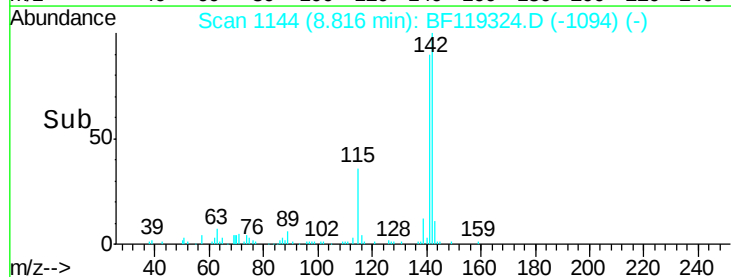
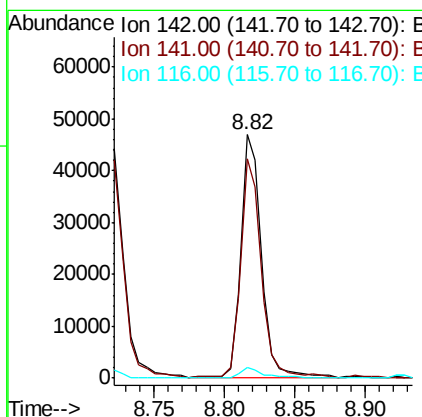
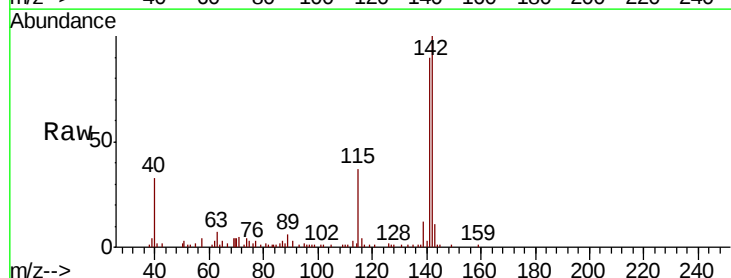
Manual Integrations
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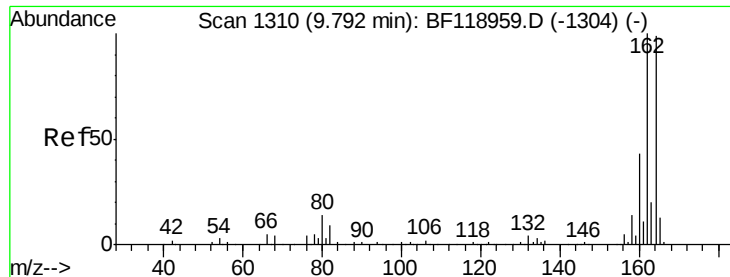
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#38
1-Methylnaphthalene
Concen: 3.636 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF119324.D
Acq: 10 Mar 2020 18:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	75.8	113.6
116	4.2	3.1	4.7





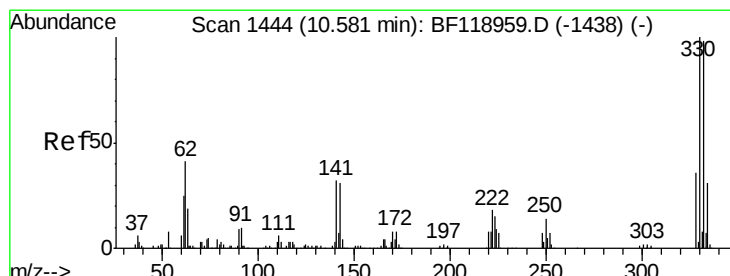
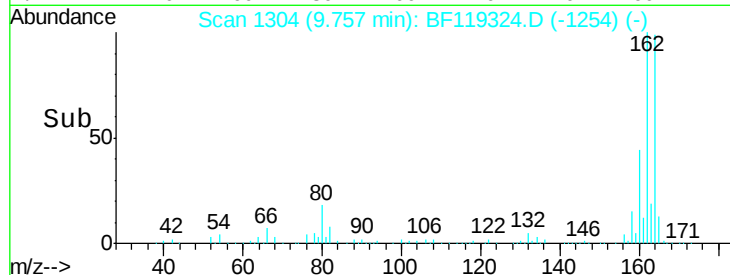
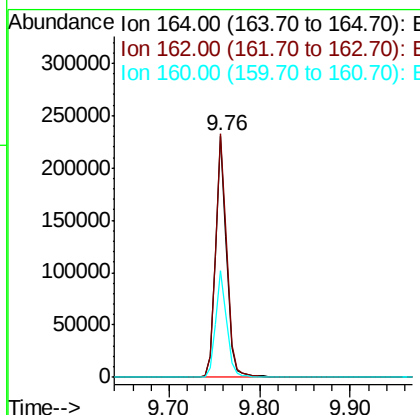
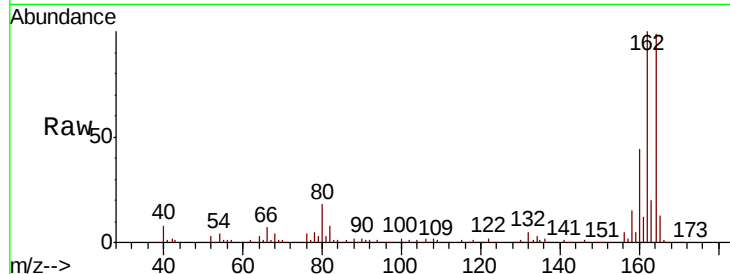
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF119324.D
 Acq: 10 Mar 2020 18:51

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-S

Tot Ion	Ratio	Resp	Lower	Upper
164	100	195803		
162	101.0	81.8	122.8	
160	44.1	36.0	54.0	

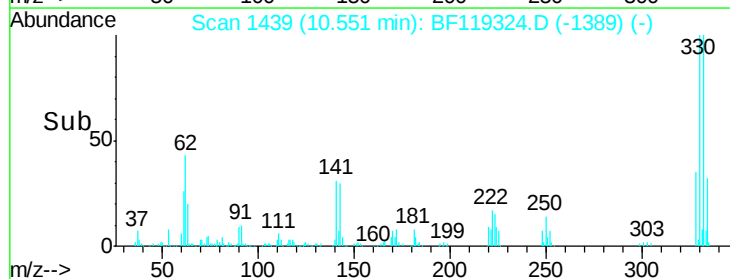
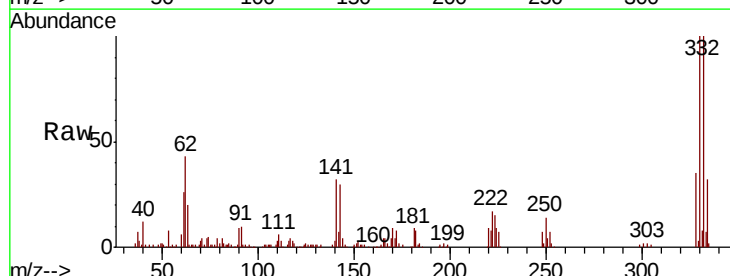
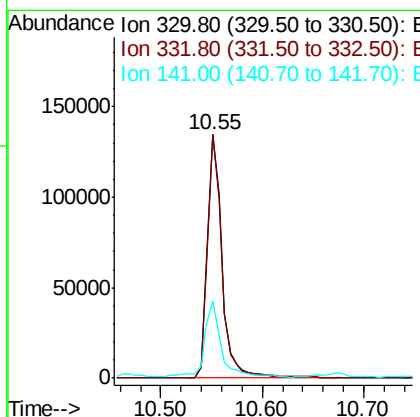
Manual Integrations
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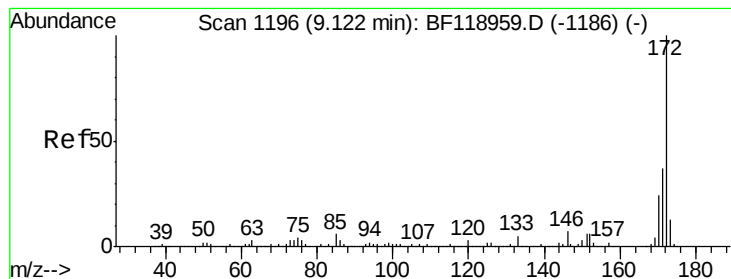
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#42
 2,4,6-Tribromophenol
 Concen: 53.175 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF119324.D
 Acq: 10 Mar 2020 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	136203		
332	98.1	76.0	114.0	
141	35.6	22.9	34.3	





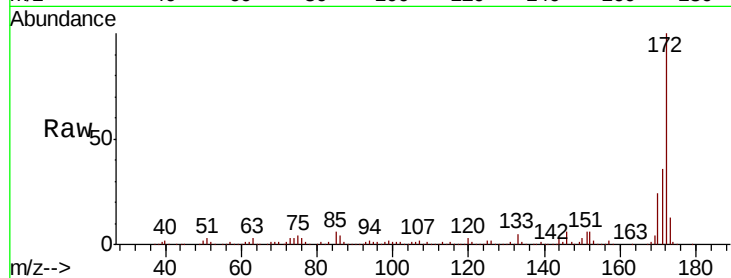
#45
2-Fluorobiphenyl
Concen: 58.568 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF119324.D
Acq: 10 Mar 2020 18:51

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.6	45.8
170	23.6	20.2	30.2

Manual Integrations
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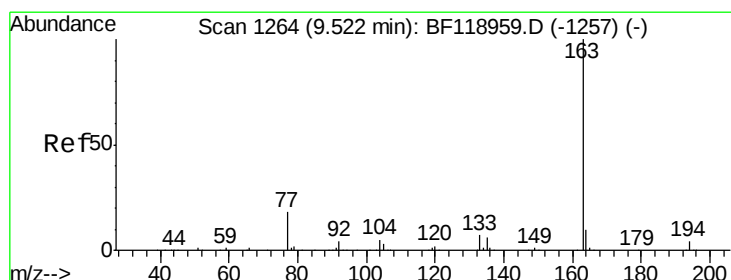
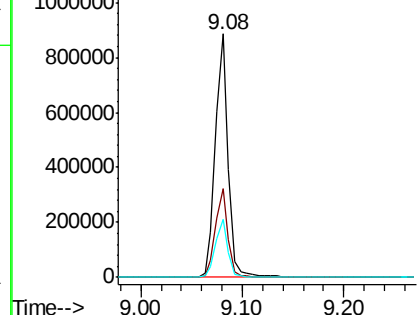
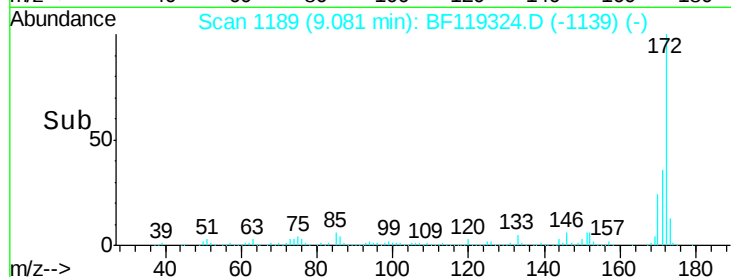


Abundance

Ion 172.00 (171.70 to 172.70): E

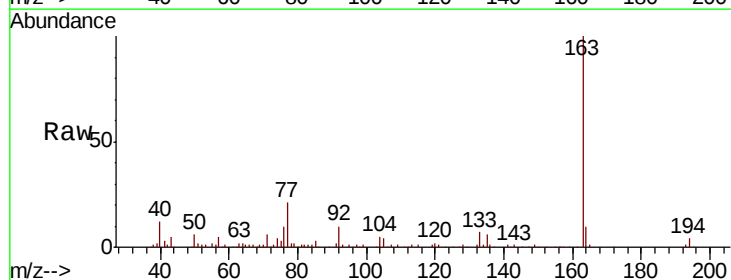
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 8.776 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF119324.D
Acq: 10 Mar 2020 18:51

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.4	8.4	12.6

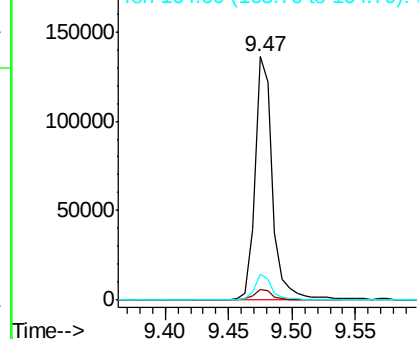
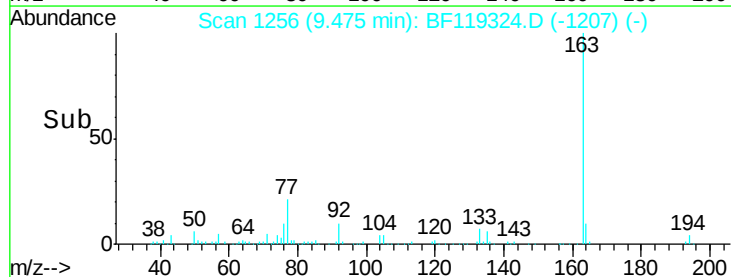


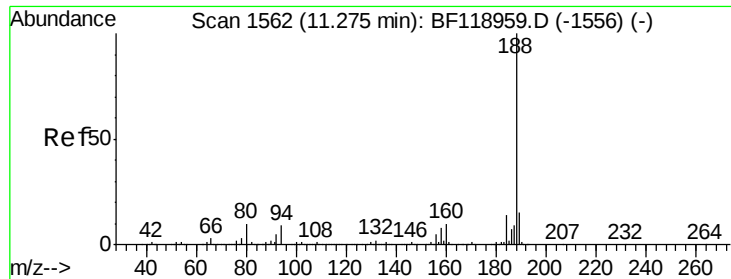
Abundance

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





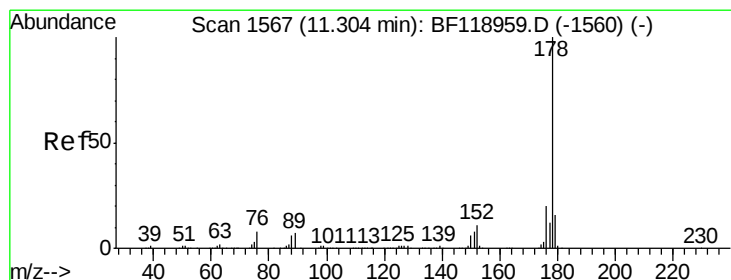
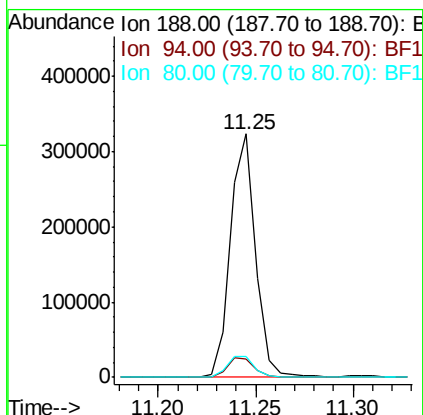
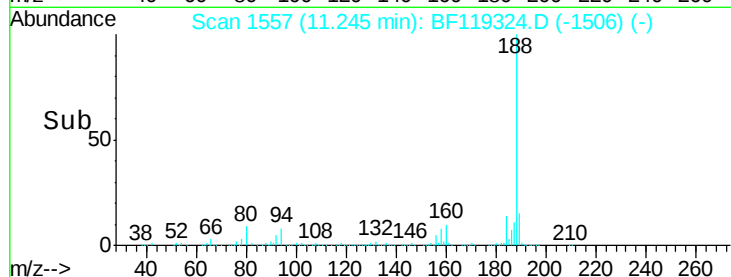
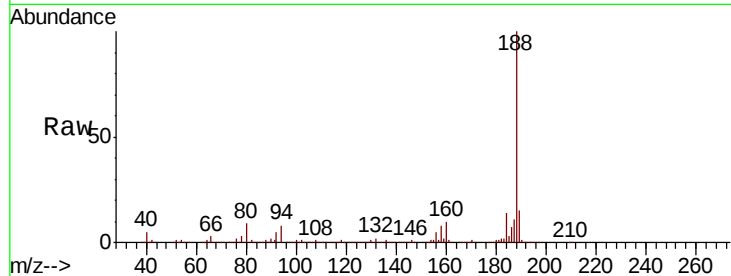
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119324.D
Acq: 10 Mar 2020 18:51

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tot Ion	Ratio	Resp	Lower	Upper
188	100	288735		
94	7.7		7.1	10.7
80	8.6		7.8	11.8

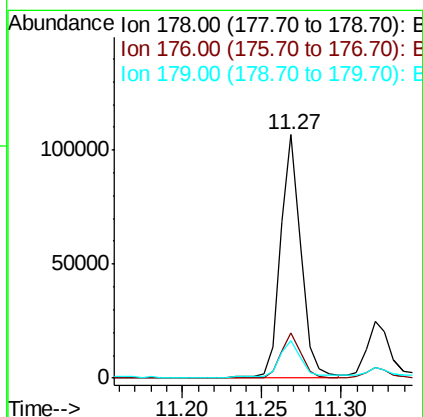
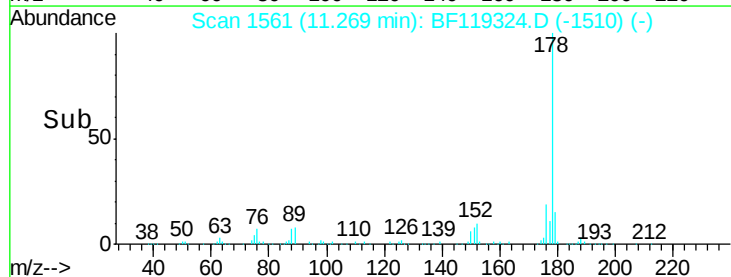
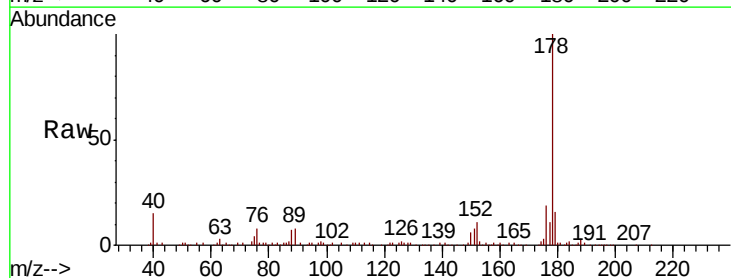
Manual Integrations
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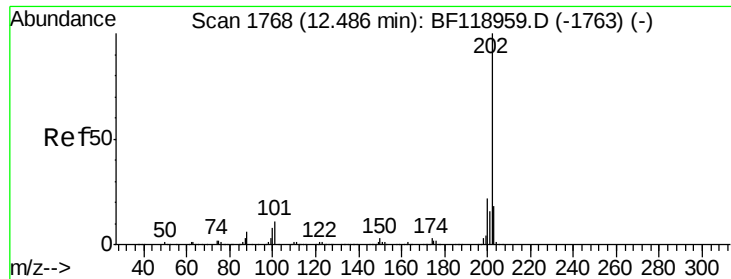
mohammad
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#71
Phenanthrene
Concen: 6.066 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF119324.D
Acq: 10 Mar 2020 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	95517		
176	18.6		16.5	24.7
179	15.6		13.0	19.6





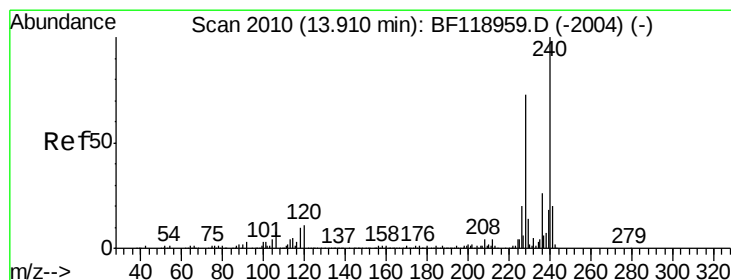
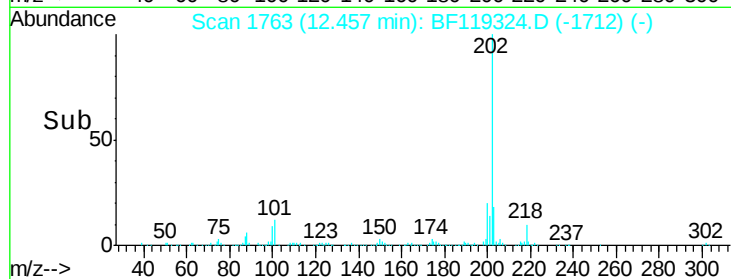
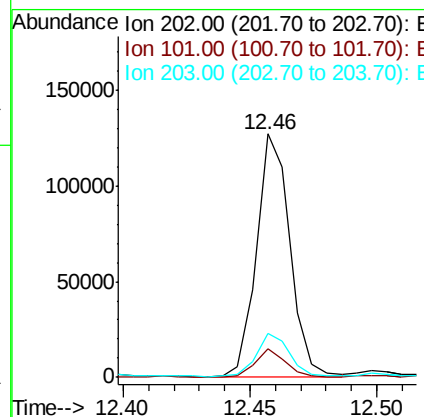
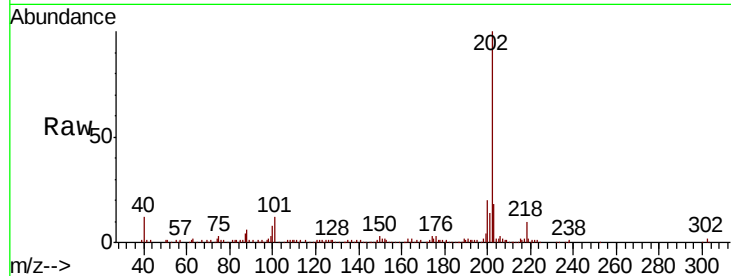
#75
Fluoranthene
Concen: 6.958 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BF119324.D
Acq: 10 Mar 2020 18:51

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.8	0.0	30.3
203	17.9	0.0	38.4

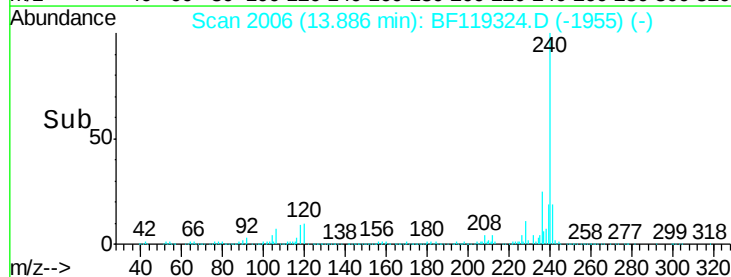
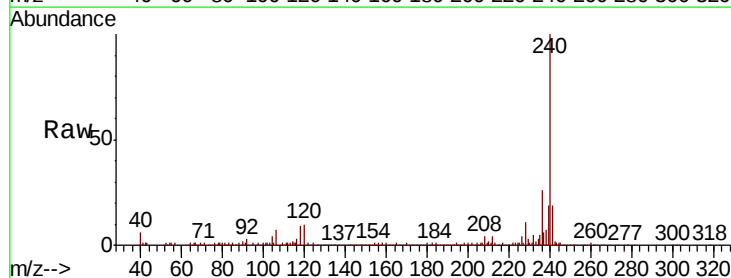
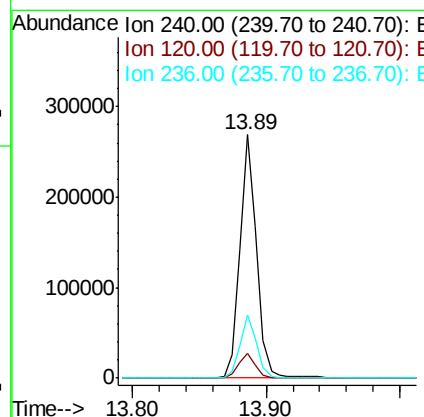
Manual Integrations
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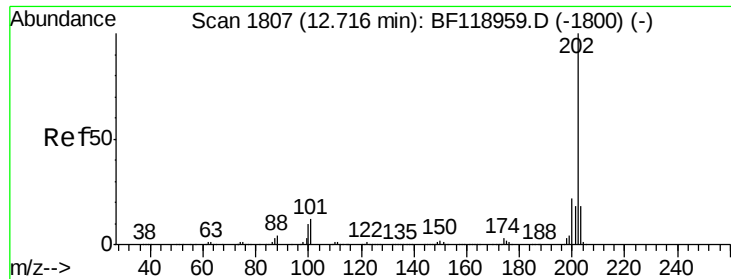
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF119324.D
Acq: 10 Mar 2020 18:51

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.9	8.4	12.6
236	25.7	21.0	31.4





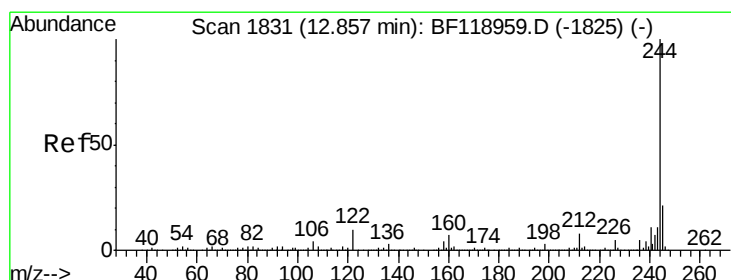
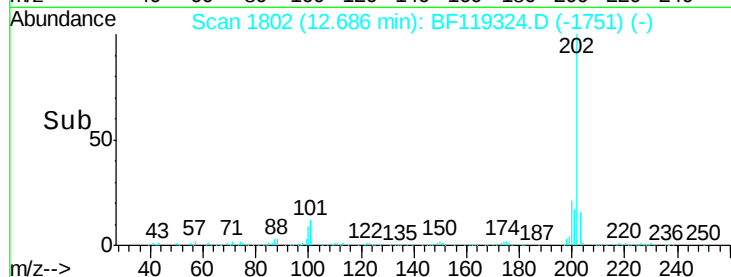
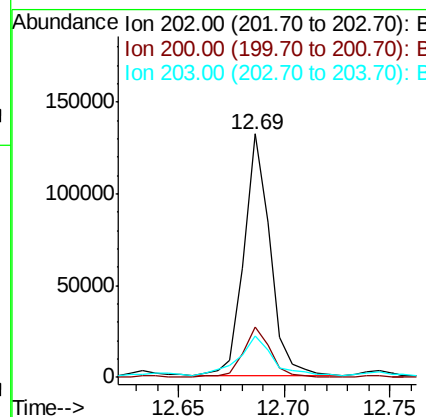
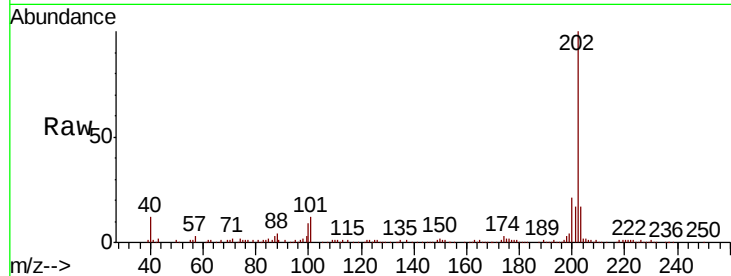
#78
Pvrene
Concen: 5.965 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BF119324.D
Acq: 10 Mar 2020 18:51

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tot Ion	Ratio	Resp	Lower	Upper
202	100	112037		
200	20.8		18.0	27.0
203	17.2		14.6	22.0

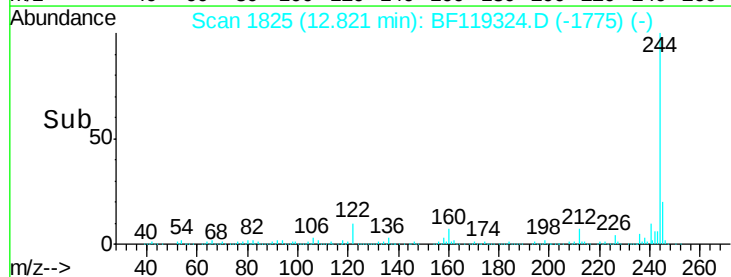
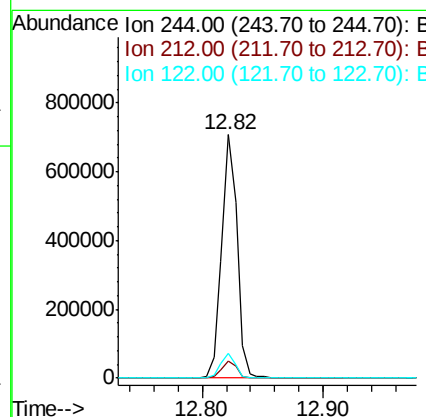
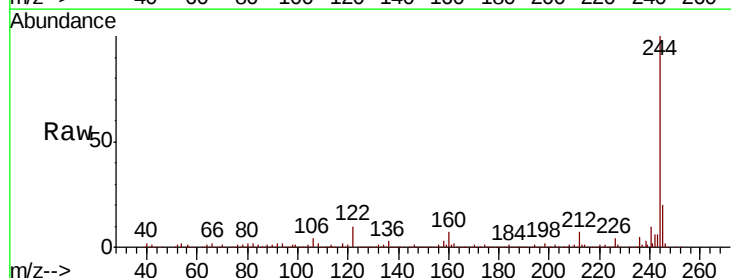
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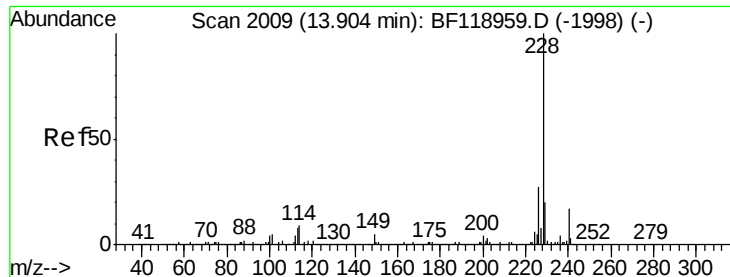
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#79
Terphenyl-d14
Concen: 45.554 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF119324.D
Acq: 10 Mar 2020 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	618923		
212	7.1		6.6	10.0
122	10.0		8.2	12.2





#81

Benzo(a)anthracene

Concen: 5.451 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF119324.D

Acq: 10 Mar 2020 18:51

Instrument :

BNA_F

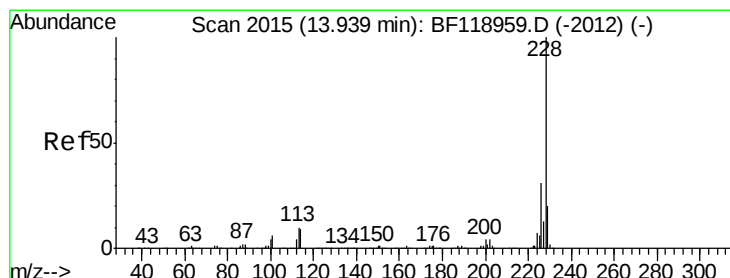
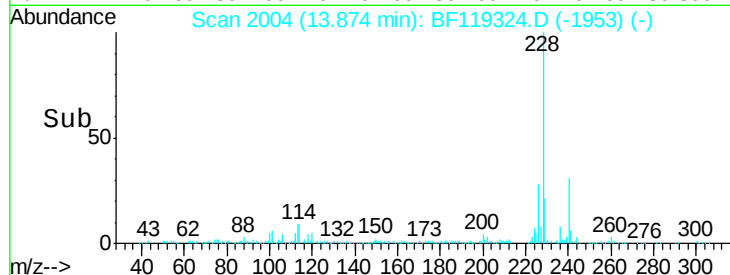
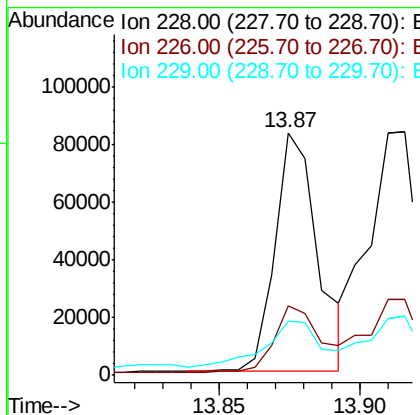
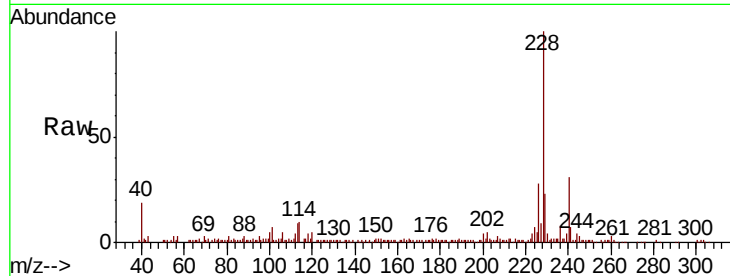
ClientSampleId :

TP-3-S

Tot Ion:	228	Resp:	86888
Ion Ratio	Lower	Upper	
228	100		
226	28.5	22.6	33.8
229	22.6	16.6	24.8

Manual Integrations
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#83

Chrysene

Concen: 6.577 ng

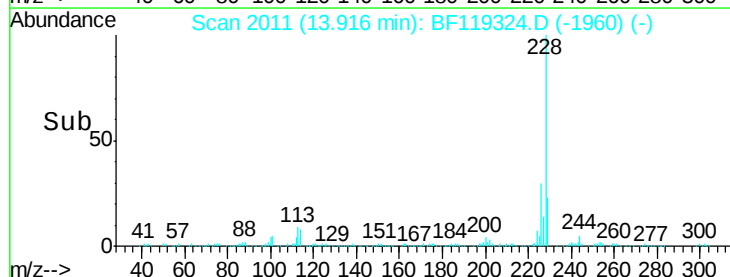
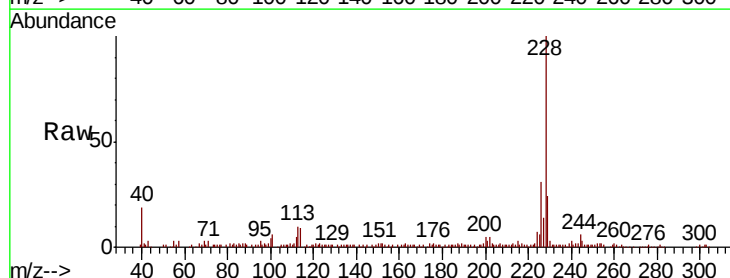
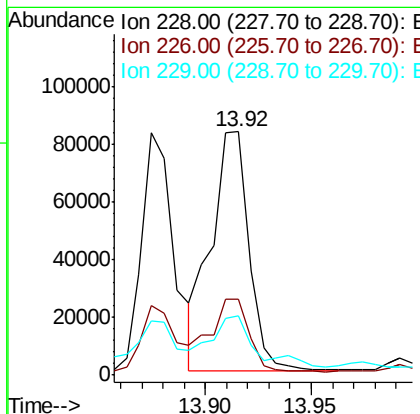
RT: 13.92 min Scan# 2011

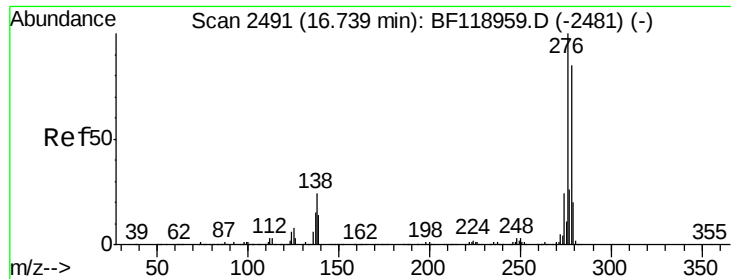
Delta R.T. 0.00 min

Lab File: BF119324.D

Acq: 10 Mar 2020 18:51

Tgt Ion:	228	Resp:	104459
Ion Ratio	Lower	Upper	
228	100		
226	31.1	25.1	37.7
229	24.5	16.3	24.5





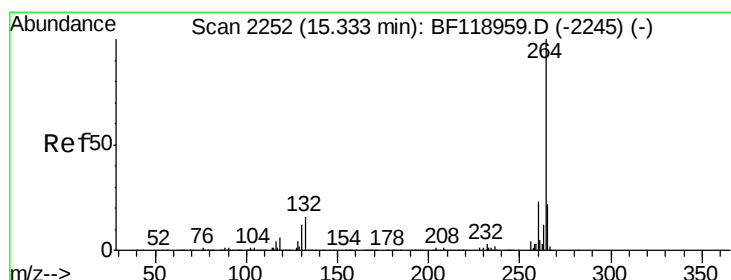
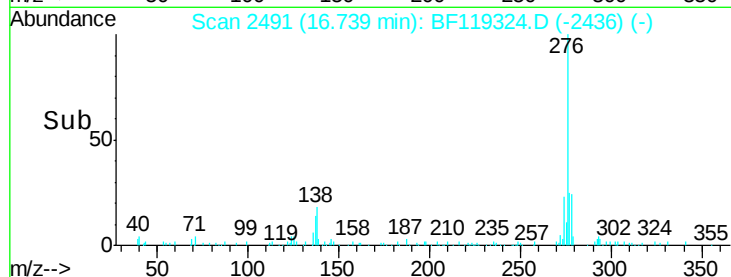
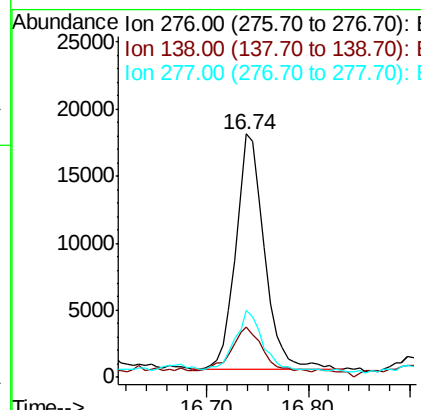
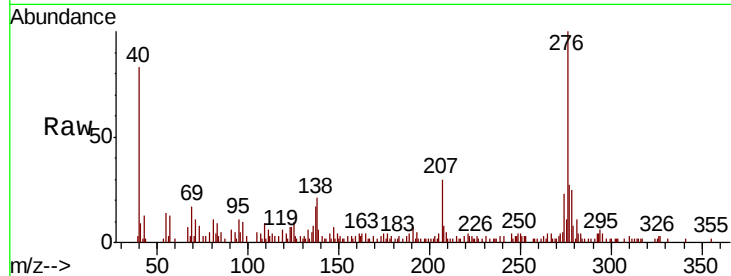
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.253 ng
RT: 16.74 min Scan# 2491
Delta R.T. 0.02 min
Lab File: BF119324.D
Acq: 10 Mar 2020 18:51

Instrument :
BNA_F
ClientSampled :
TP-3-S

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.6	17.4	26.0
277	27.2	20.3	30.5

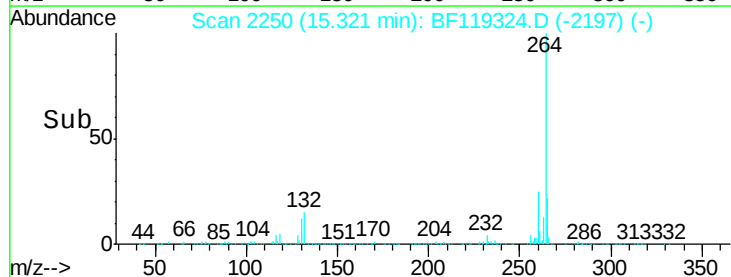
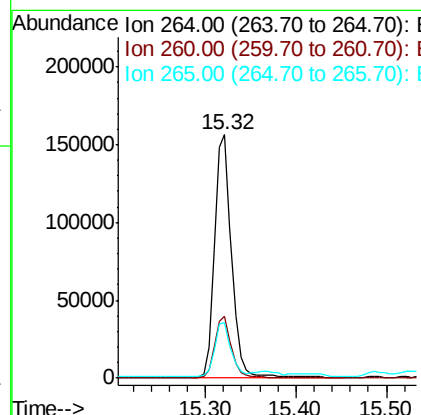
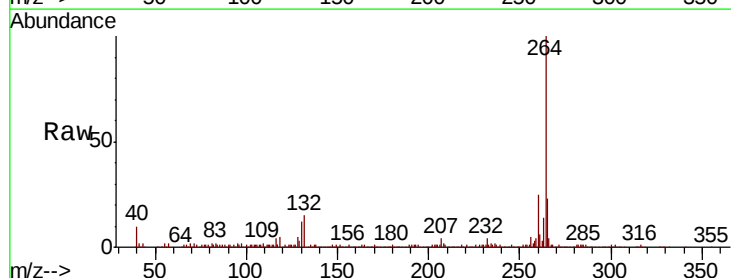
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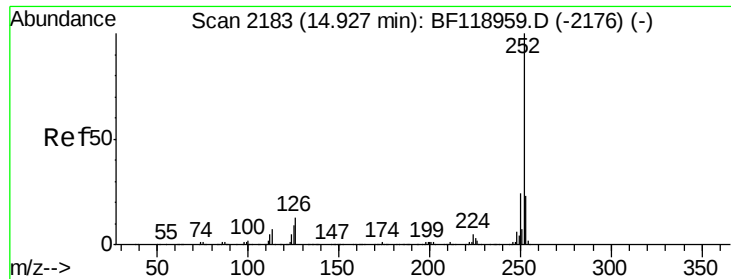
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BF119324.D
Acq: 10 Mar 2020 18:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.4	29.2
265	22.8	17.7	26.5





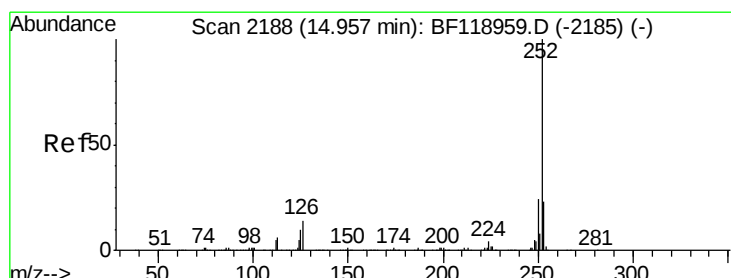
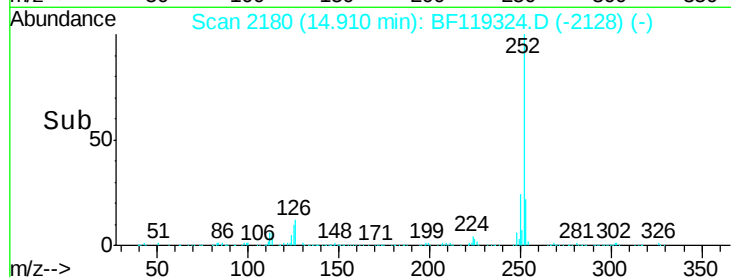
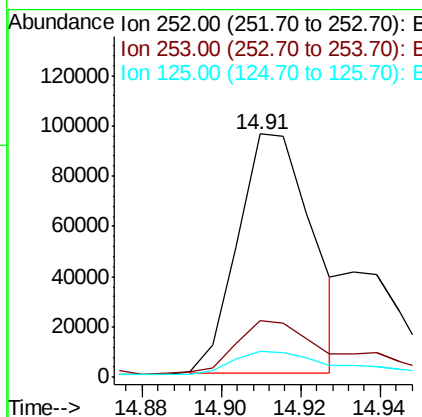
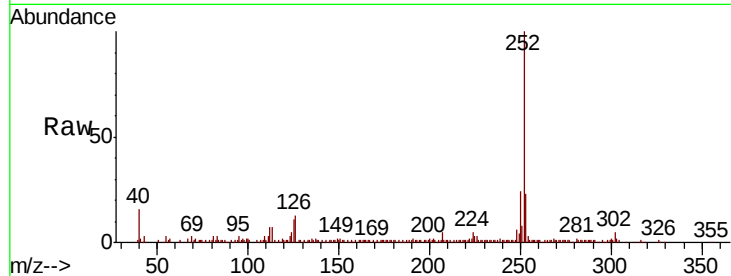
#88
Benzo(b)fluoranthene
Concen: 9.243 ng m
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF119324.D
Acq: 10 Mar 2020 18:51

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	10.8	7.4	11.0

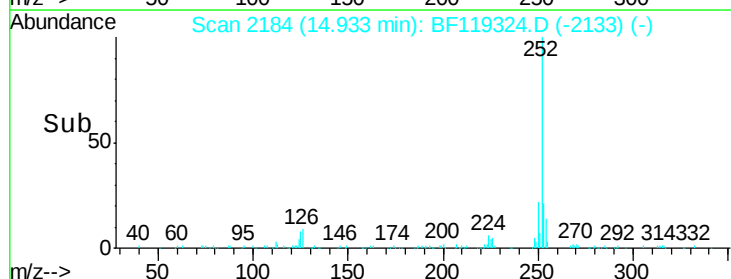
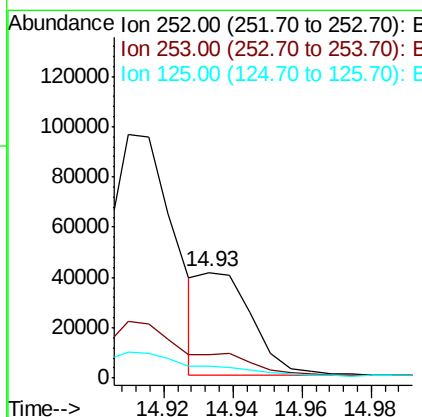
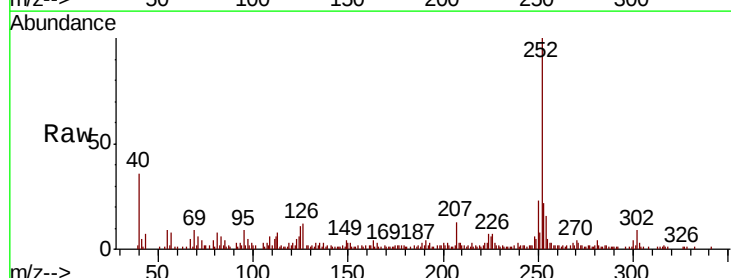
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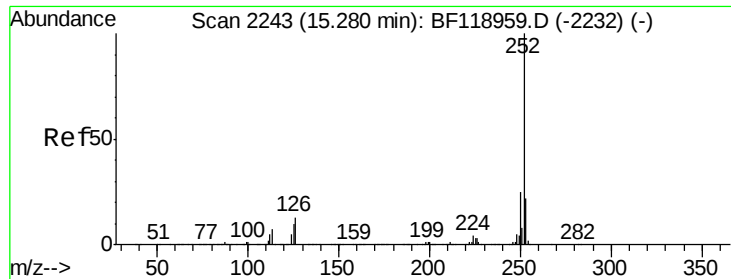
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#89
Benzo(k)fluoranthene
Concen: 3.329 ng m
RT: 14.93 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BF119324.D
Acq: 10 Mar 2020 18:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	11.2	7.5	11.3





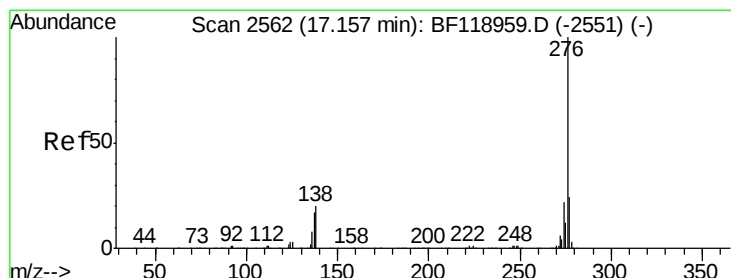
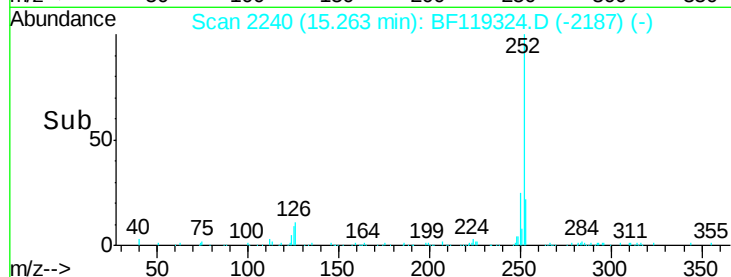
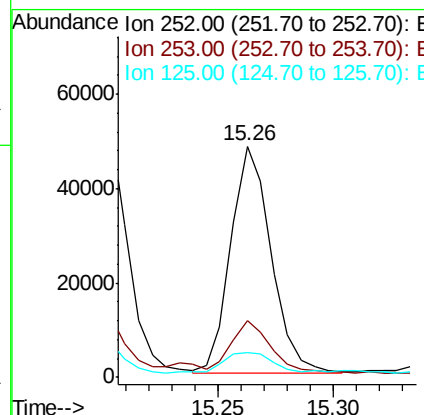
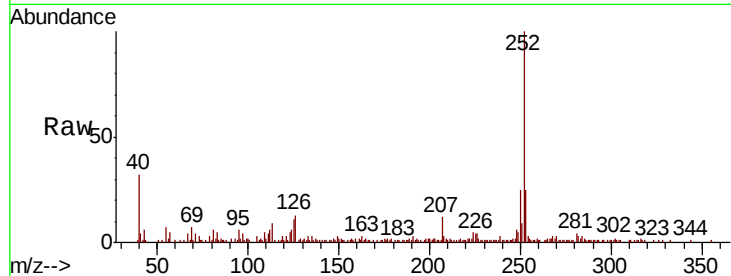
#90
Benzo(a)pyrene
Concen: 4.837 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF119324.D
Acq: 10 Mar 2020 18:51

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.0	27.0
125	10.9	8.6	12.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.289 ng
RT: 17.17 min Scan# 2564
Delta R.T. 0.03 min
Lab File: BF119324.D
Acq: 10 Mar 2020 18:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.7	28.1
138	21.5	14.3	21.5#

