

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
 Data File : BF119319.D
 Acq On : 10 Mar 2020 16:22
 Operator : CG/JU
 Sample : L1852-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D

Manual Integrations
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Quant Time: Mar 11 03:51:46 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	6.73	152	104370	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	390378	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	191378	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	298620	20.00	ng	0.00
76) Chrysene-d12	13.89	240	238629	20.00	ng	0.00
87) Perylene-d12	15.32	264	223606	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	745537	119.38	ng	0.01
7) Phenol-d6	6.39	99	905146	119.17	ng	0.00
23) Nitrobenzene-d5	7.29	82	589263	79.70	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	236919	94.63	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1110011	85.45	ng	0.00
79) Terphenyl-d14	12.83	244	1029445	74.27	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.48	163	160600	10.974	ng	Qvalue 97
75) Fluoranthene	12.46	202	74079	4.285	ng	99
78) Pyrene	12.69	202	72415	3.779	ng	98
81) Benzo(a)anthracene	13.87	228	43057	2.648	ng	97
83) Chrysene	13.92	228	42392	2.617	ng	96
88) Benzo(b)fluoranthene	14.92	252	51659m	3.505	ng	
90) Benzo(a)pyrene	15.26	252	30787	2.314	ng	# 95

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

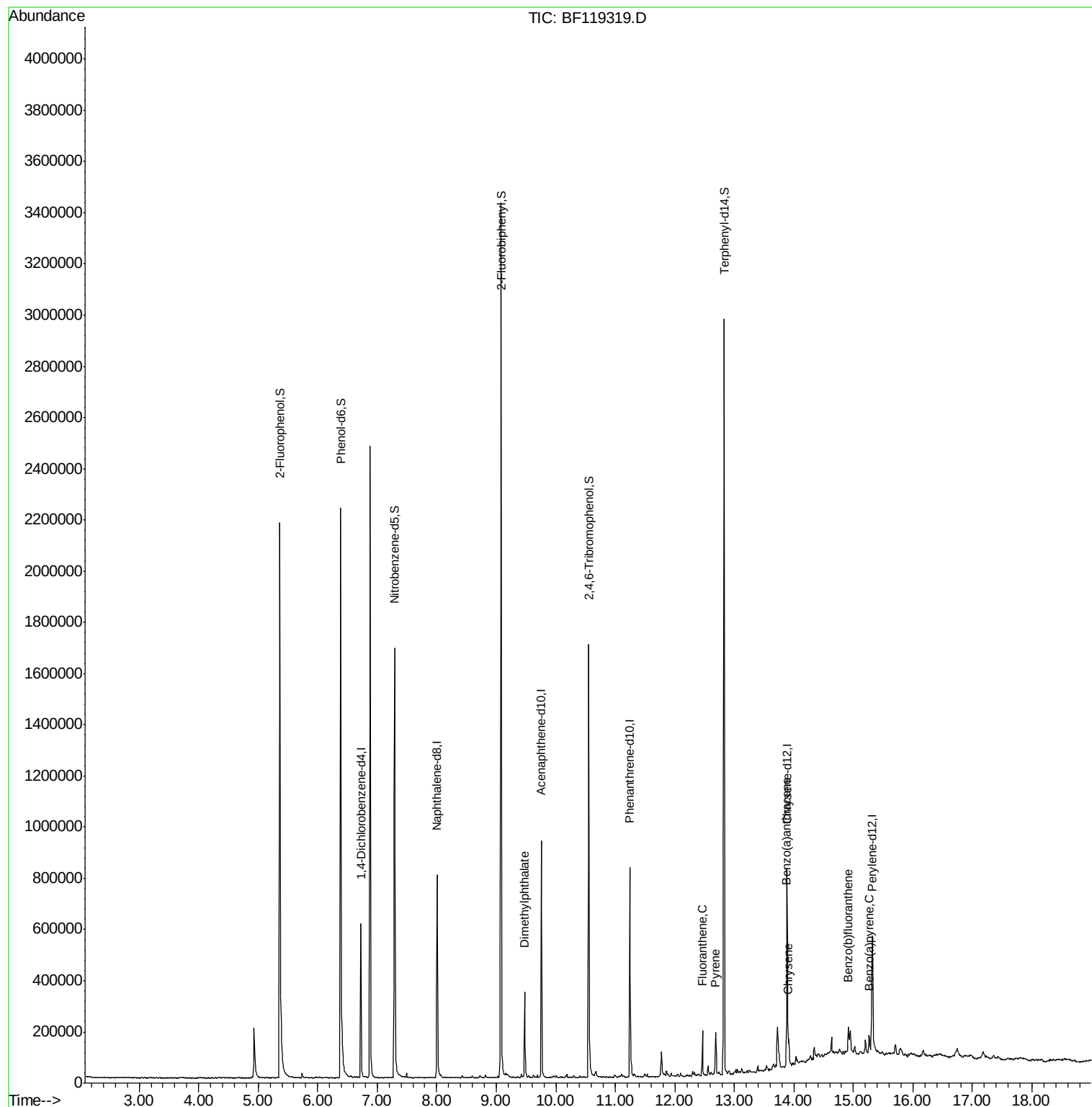
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119319.D
Acq On : 10 Mar 2020 16:22
Operator : CG/JU
Sample : L1852-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

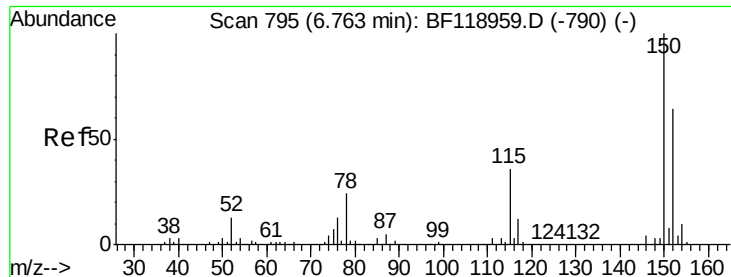
Instrument :
BNA_F
ClientSampleId :
TP-3-D

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#1

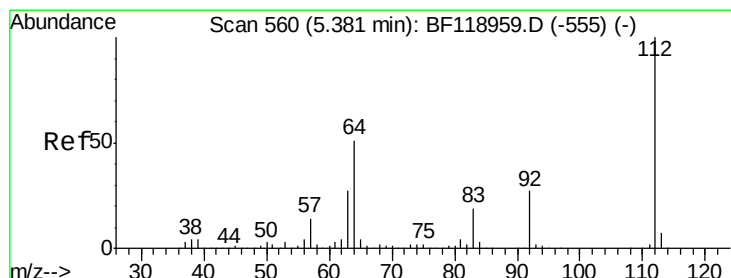
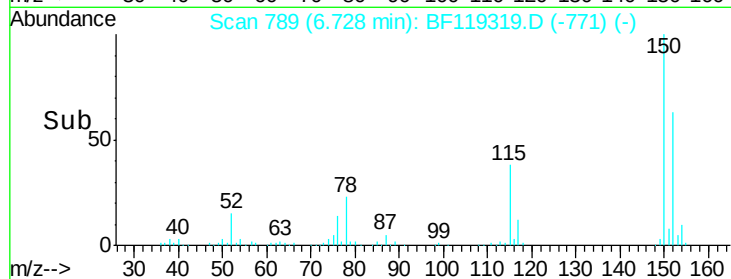
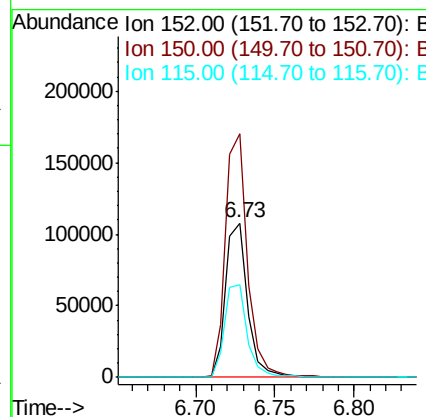
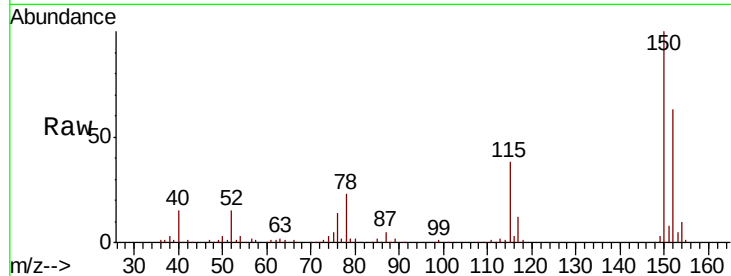
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.01 min
Lab File: BF119319.D
Acq: 10 Mar 2020 16:22

Instrument :
BNA_F
ClientSampled :
TP-3-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	123.0	184.6
115	59.8	49.5	74.3

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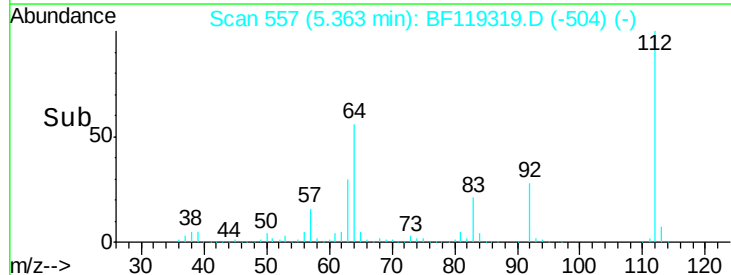
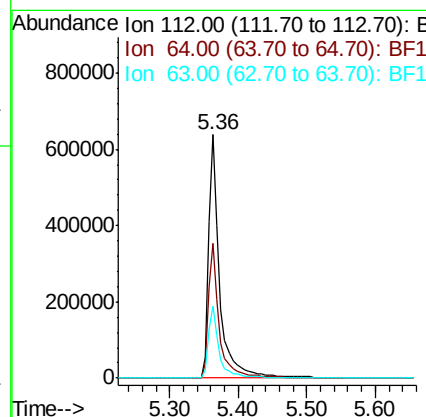
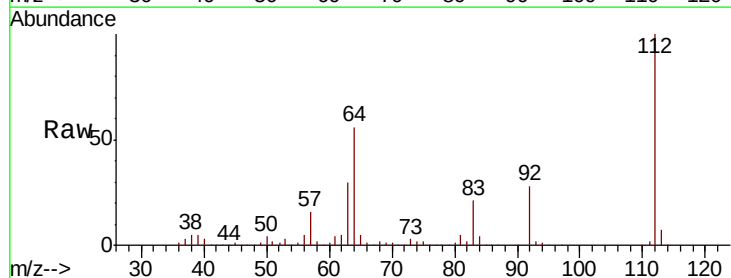
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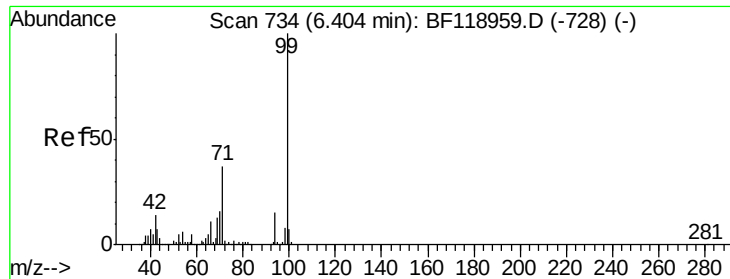


#5

2-Fluorophenol
Concen: 119.376 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF119319.D
Acq: 10 Mar 2020 16:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	45.0	67.4
63	29.9	24.2	36.4





#7

Phenol-d6

Concen: 119.170 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF119319.D

Acq: 10 Mar 2020 16:22

Instrument :

BNA_F

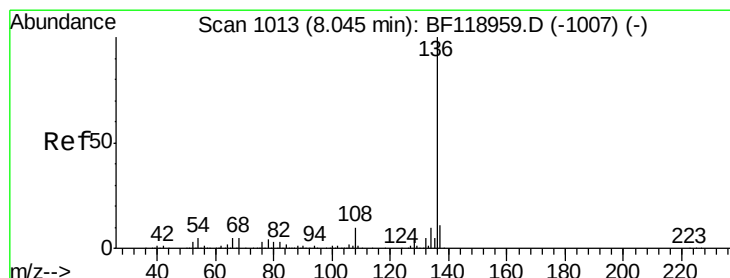
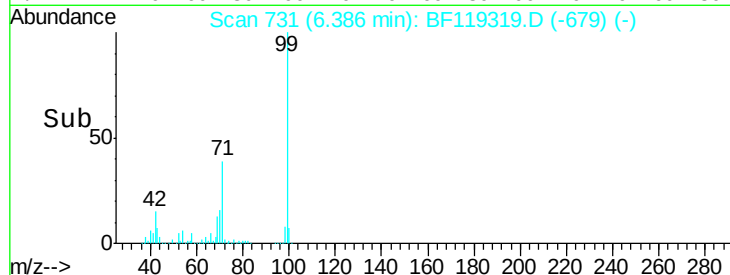
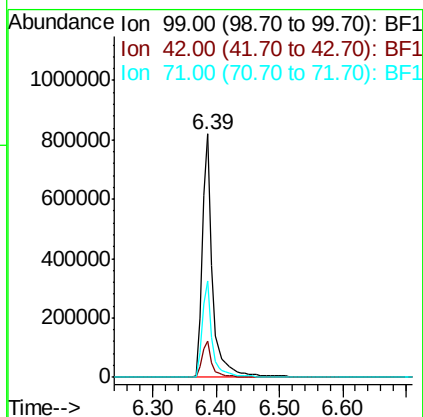
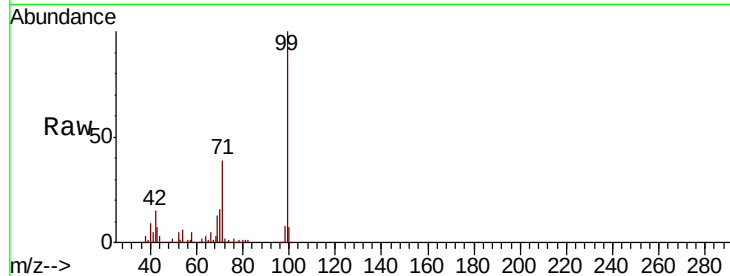
ClientSampled :

TP-3-D

Tot Ion:	99	Resp:	905146
Ion Ratio	Lower	Upper	
99	100		
42	15.0	12.6	18.8
71	39.4	31.0	46.4

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#21

Naphthalene-d8

Concen: 20.000 ng

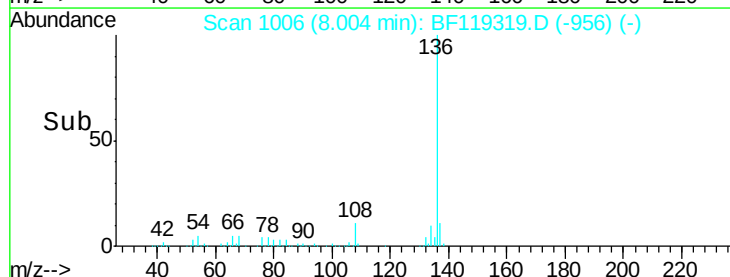
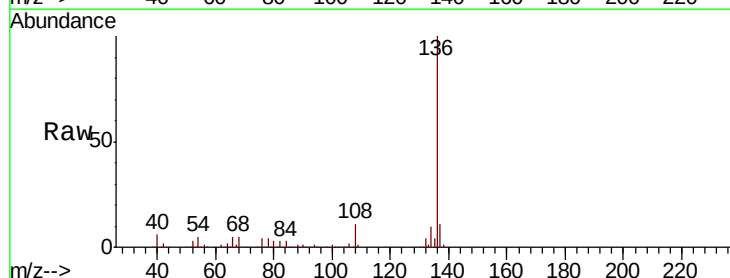
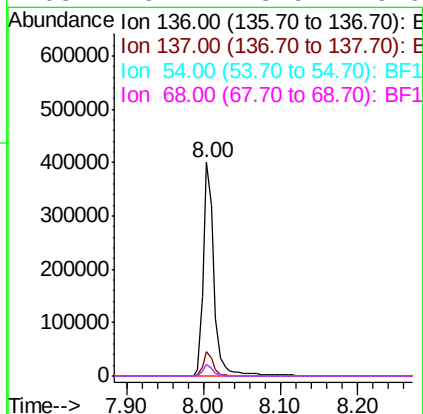
RT: 8.00 min Scan# 1006

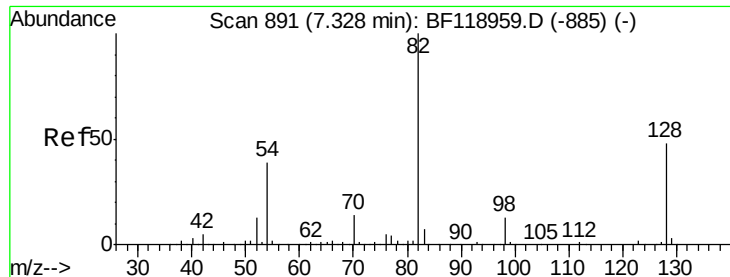
Delta R.T. -0.01 min

Lab File: BF119319.D

Acq: 10 Mar 2020 16:22

Tgt Ion:	136	Resp:	390378
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.8	13.2
54	5.3	3.8	5.6
68	5.4	3.9	5.9





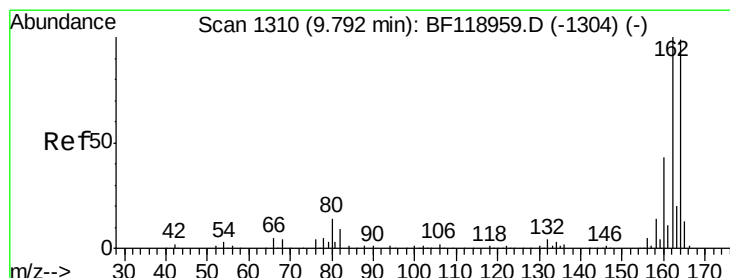
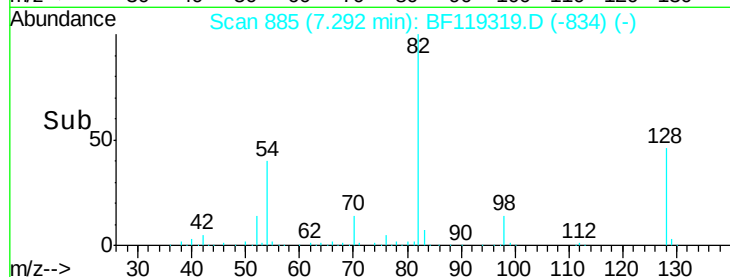
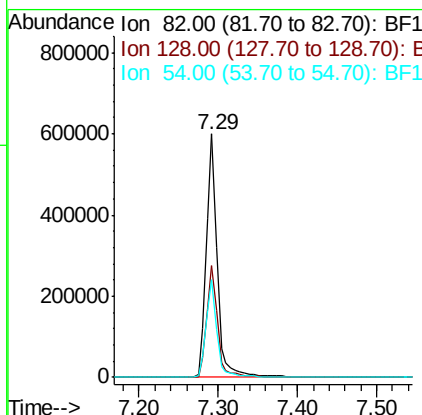
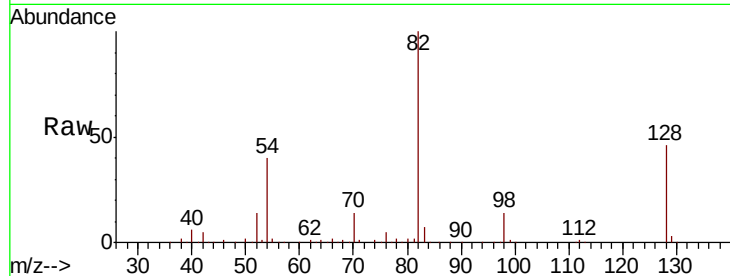
#23
 Nitrobenzene-d5
 Concen: 79.700 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF119319.D
 Acq: 10 Mar 2020 16:22

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D

Tot Ion	82	Resp	589263
Ion Ratio	100	Lower	Upper
82	100		
128	45.8	37.9	56.9
54	40.1	33.4	50.2

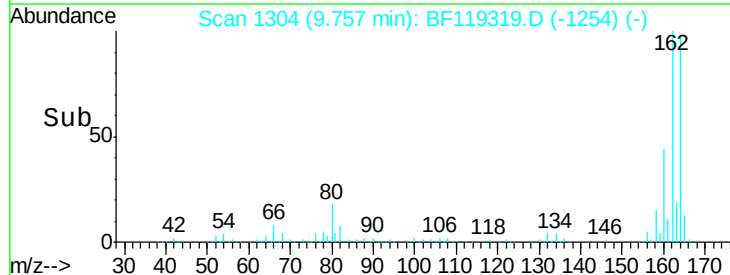
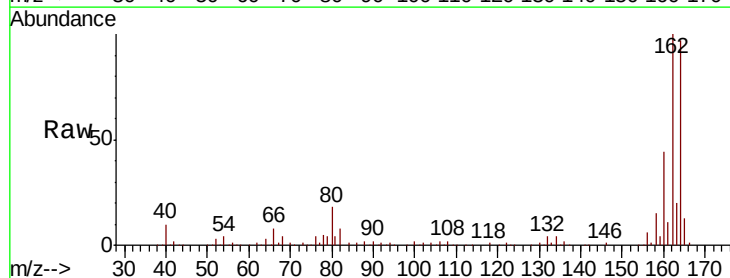
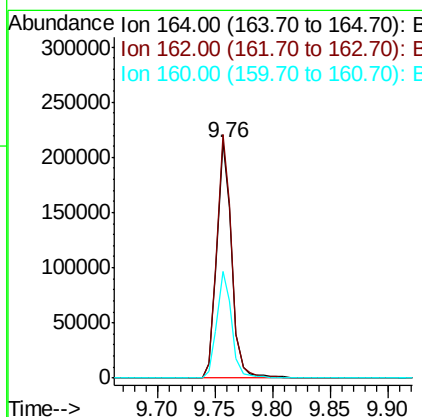
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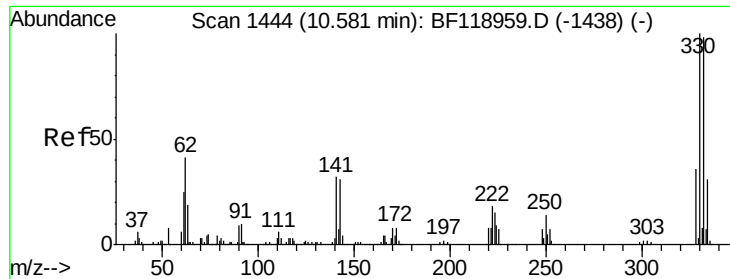
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF119319.D
 Acq: 10 Mar 2020 16:22

Tgt Ion	164	Resp	191378
Ion Ratio	100	Lower	Upper
164	100		
162	103.4	81.8	122.8
160	45.1	36.0	54.0





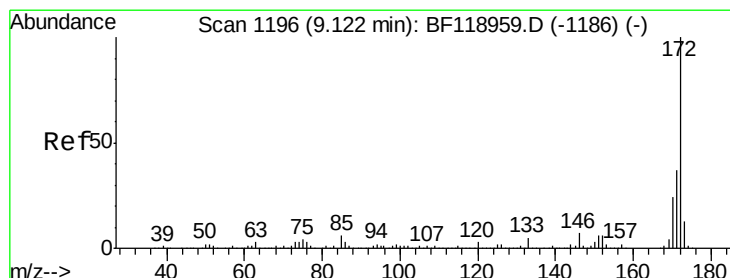
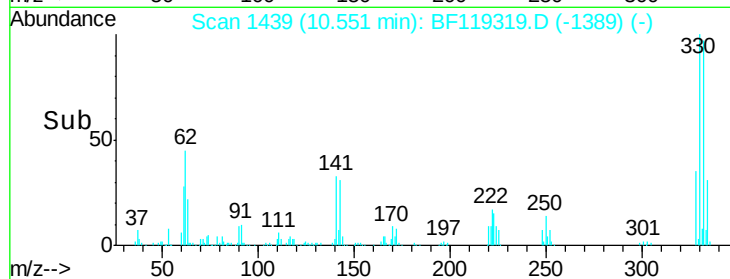
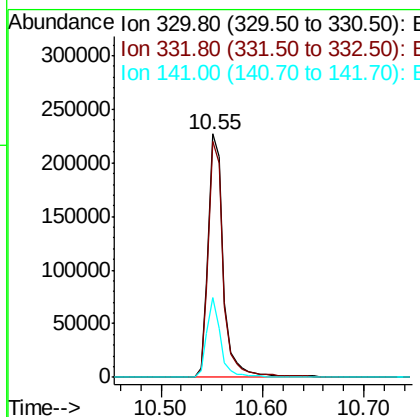
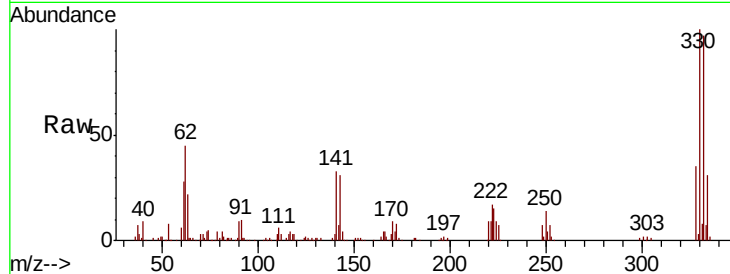
#42
 2,4,6-Tribromophenol
 Concen: 94.633 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF119319.D
 Acq: 10 Mar 2020 16:22

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D

Tot Ion:	330	Resp:	236919
Ion Ratio	Lower	Upper	
330	100		
332	96.8	76.0	114.0
141	30.3	22.9	34.3

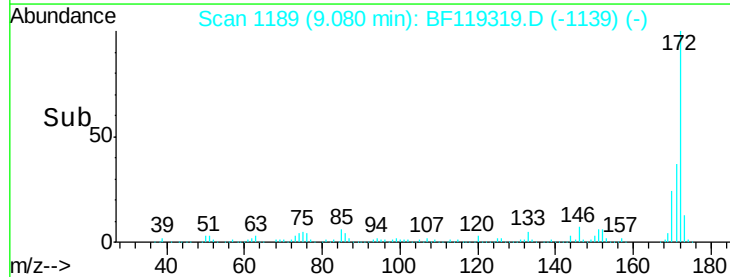
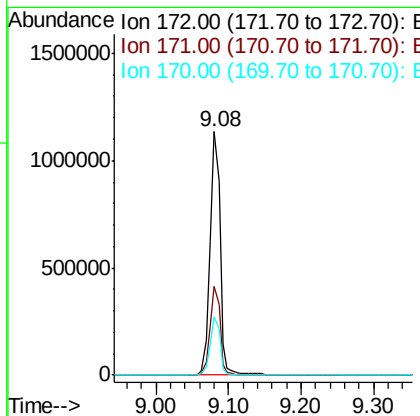
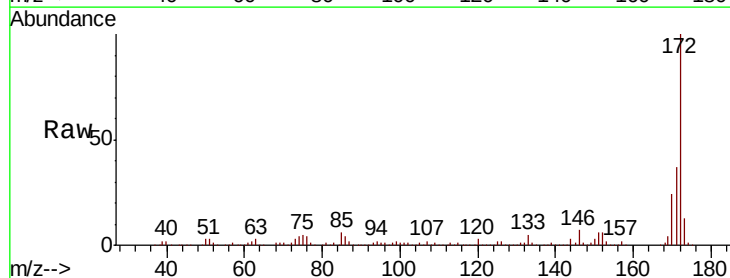
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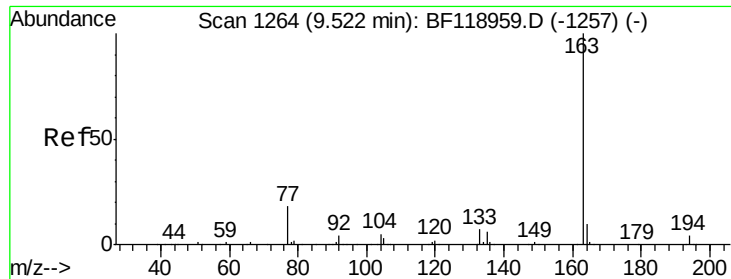
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#45
 2-Fluorobiphenyl
 Concen: 85.445 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119319.D
 Acq: 10 Mar 2020 16:22

Tgt Ion:	172	Resp:	1110011
Ion Ratio	Lower	Upper	
172	100		
171	36.7	30.6	45.8
170	23.8	20.2	30.2





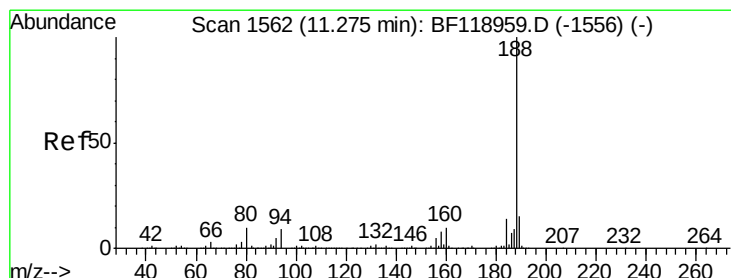
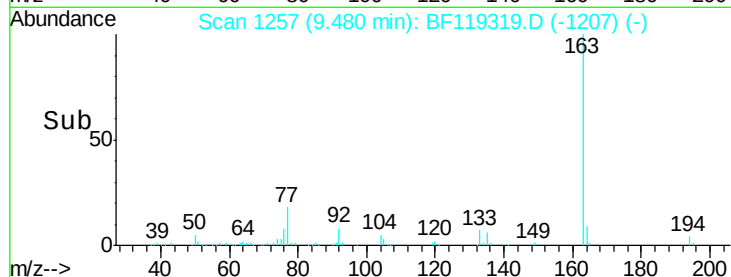
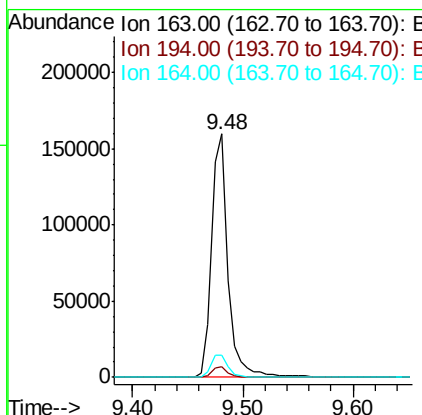
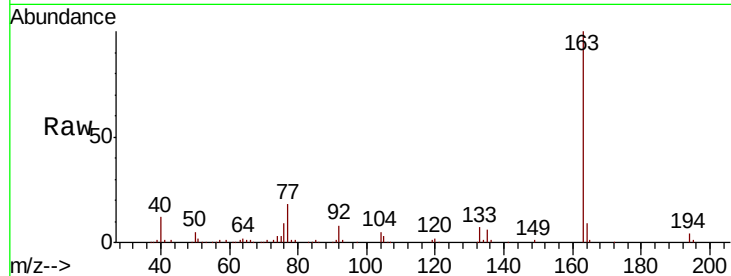
#50
Dimethylphthalate
Concen: 10.974 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF119319.D
Acq: 10 Mar 2020 16:22

Instrument :
BNA_F
ClientSampleId :
TP-3-D

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		160600		
194	4.1		3.5	5.3	
164	9.3		8.4	12.6	

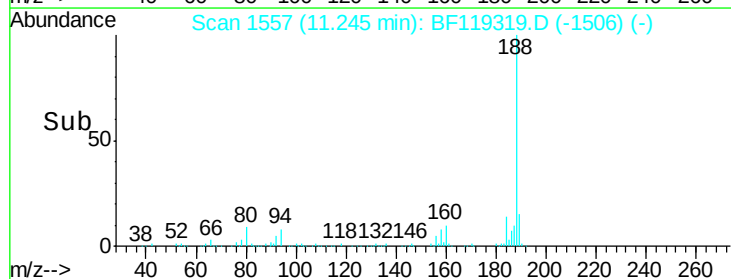
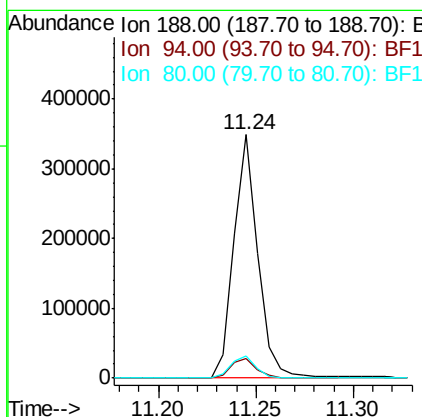
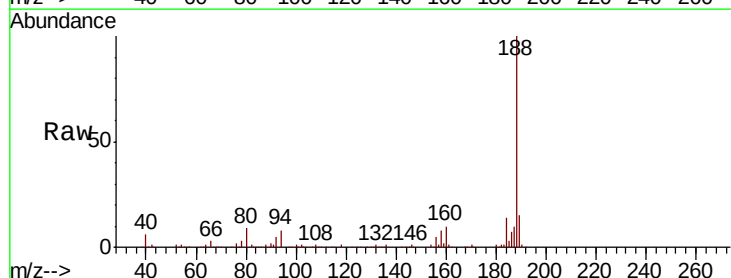
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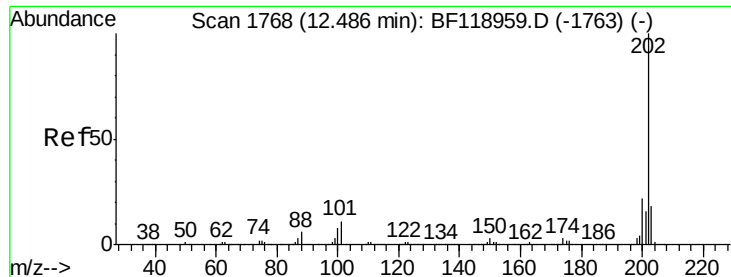
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119319.D
Acq: 10 Mar 2020 16:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		298620		
94	8.1		7.1	10.7	
80	9.0		7.8	11.8	





#75

Fluoranthene

Concen: 4.285 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF119319.D

Acq: 10 Mar 2020 16:22

Instrument :

BNA_F

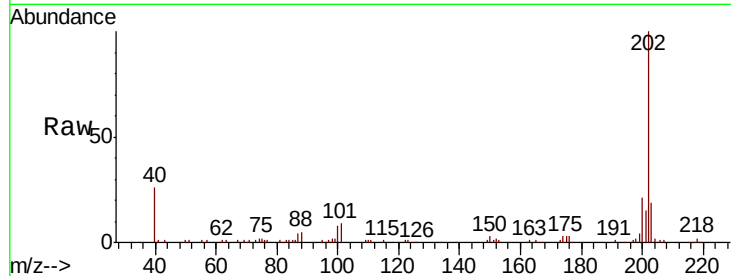
ClientSampled :

TP-3-D

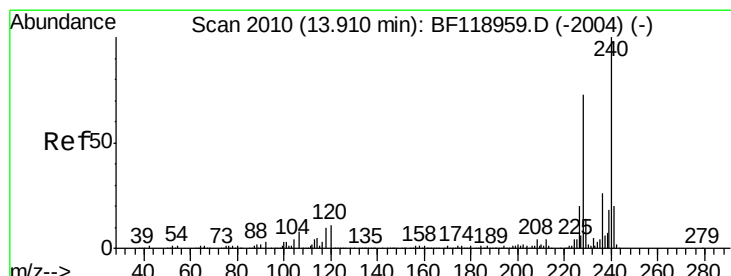
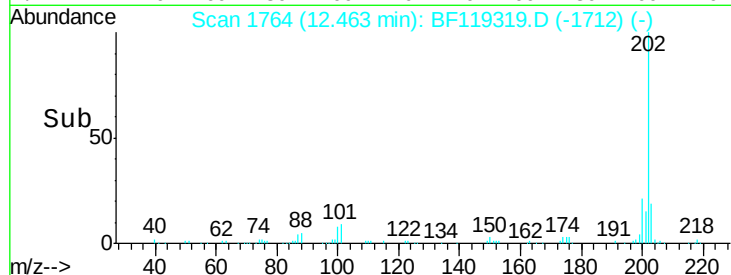
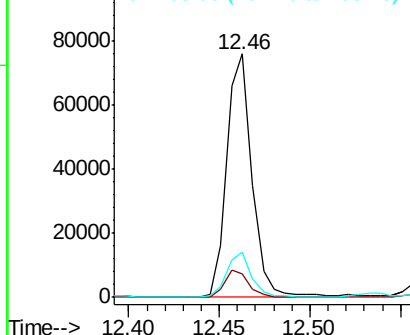
Tot Ion:	202	Resp:	74079
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	30.3
203	18.6	0.0	38.4

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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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

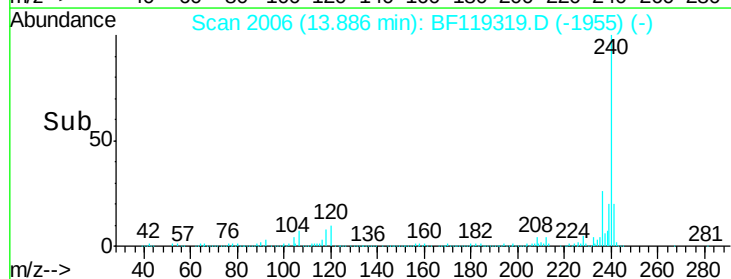
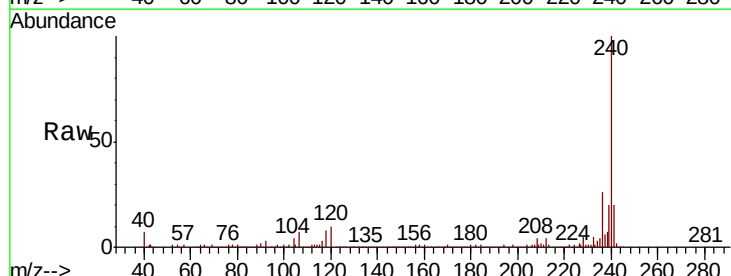
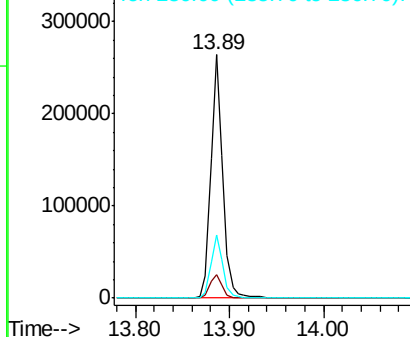
Delta R.T. 0.00 min

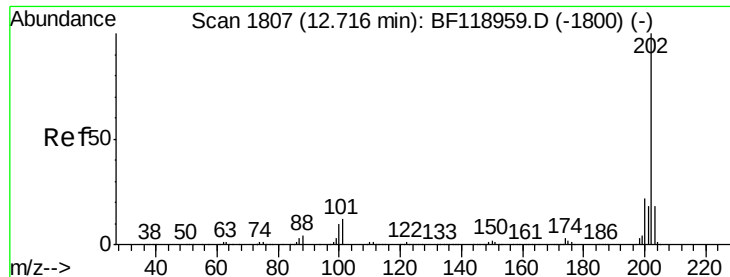
Lab File: BF119319.D

Acq: 10 Mar 2020 16:22

Tgt Ion:	240	Resp:	238629
Ion Ratio	Lower	Upper	
240	100		
120	9.6	8.4	12.6
236	26.0	21.0	31.4

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





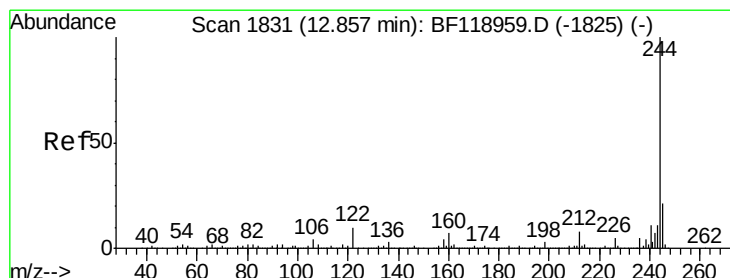
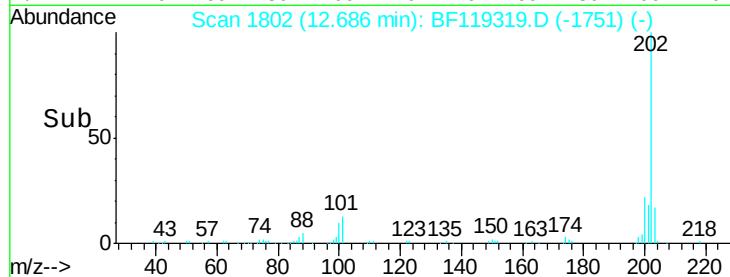
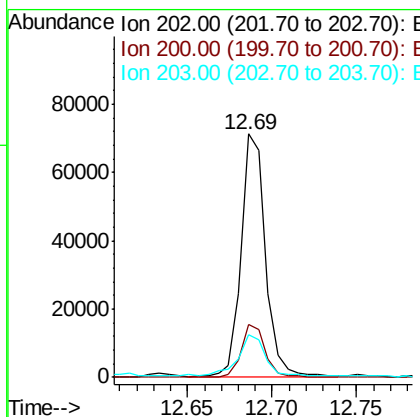
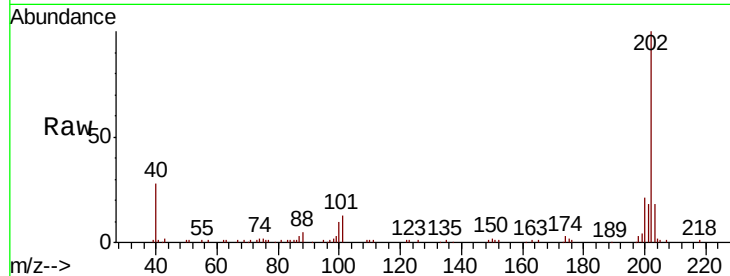
#78
Pvrene
Concen: 3.779 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BF119319.D
Acq: 10 Mar 2020 16:22

Instrument :
BNA_F
ClientSampled :
TP-3-D

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	18.0	27.0
203	17.5	14.6	22.0

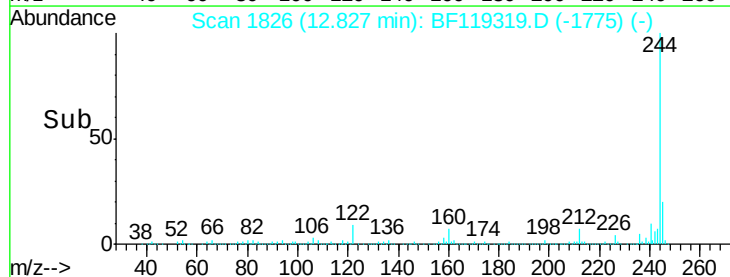
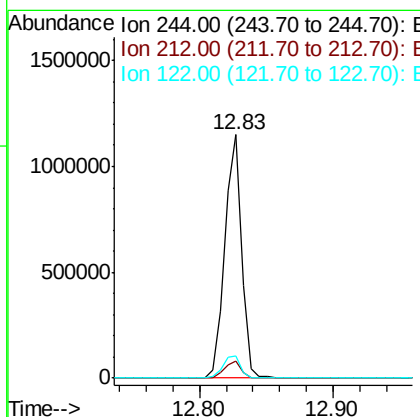
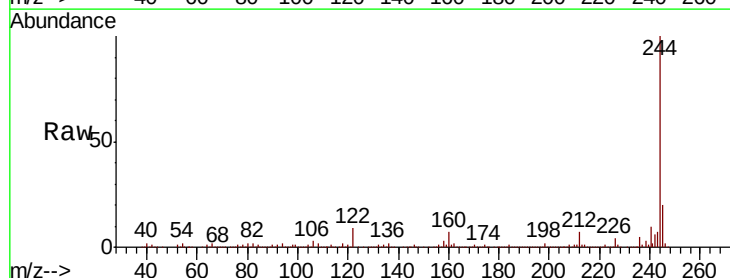
Manual Integrations
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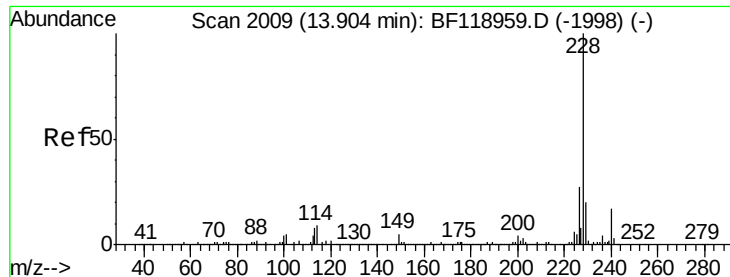
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#79
Terphenyl-d14
Concen: 74.273 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF119319.D
Acq: 10 Mar 2020 16:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.6	10.0
122	9.3	8.2	12.2





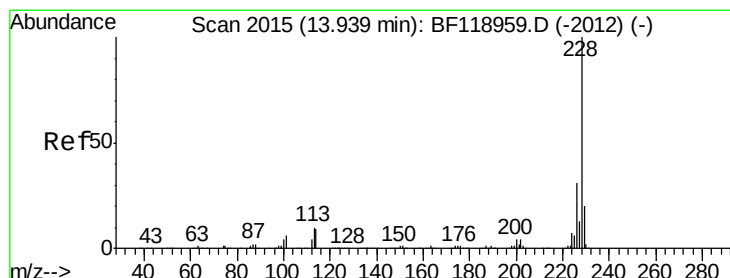
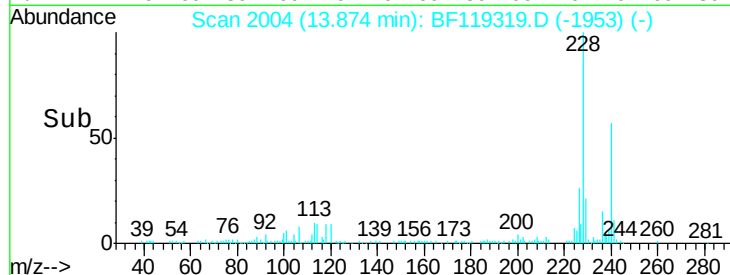
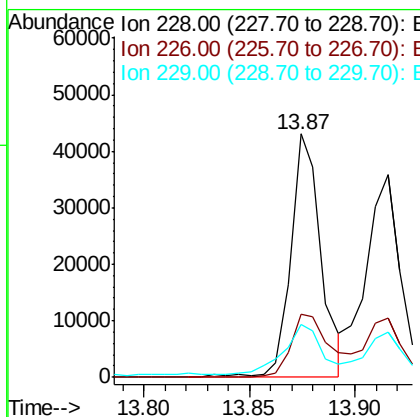
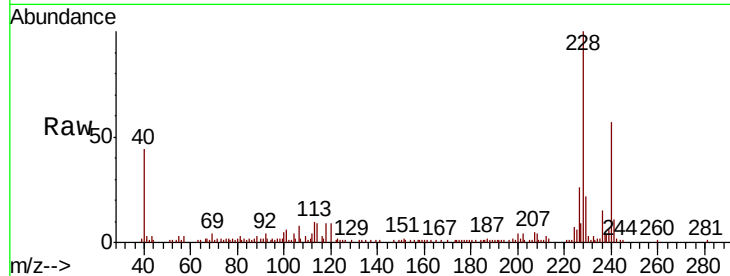
#81
Benzo(a)anthracene
Concen: 2.648 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF119319.D
Acq: 10 Mar 2020 16:22

Instrument :
BNA_F
ClientSampled :
TP-3-D

Tot Ion	Ratio	Lower	Upper
228	100		
226	25.9	22.6	33.8
229	21.7	16.6	24.8

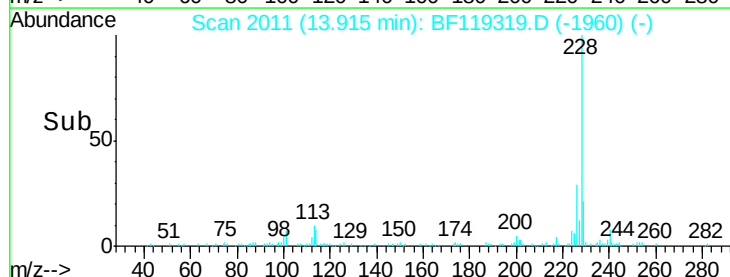
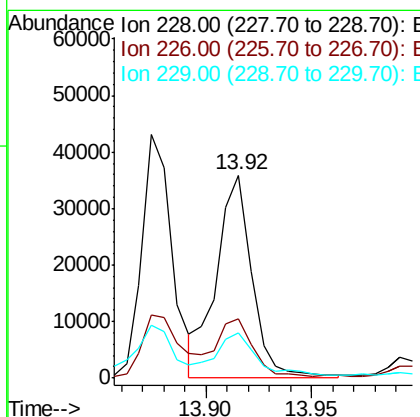
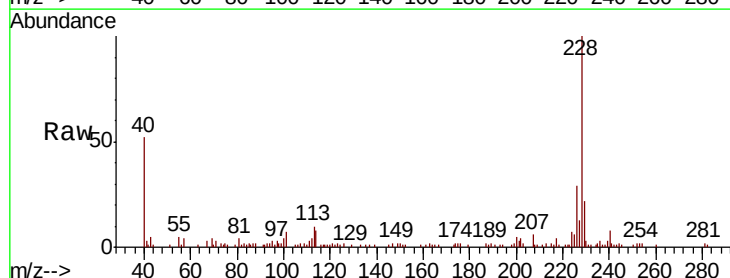
Manual Integrations
APPROVED

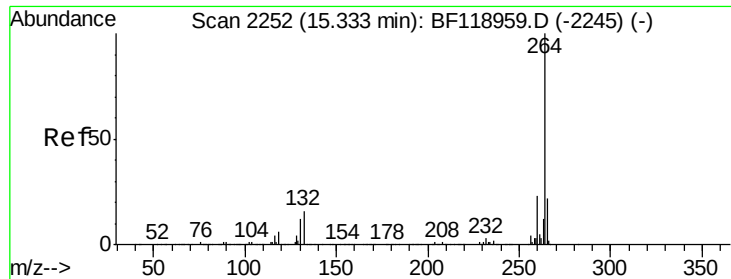
mohammad
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#83
Chrysene
Concen: 2.617 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BF119319.D
Acq: 10 Mar 2020 16:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.1	37.7
229	22.1	16.3	24.5





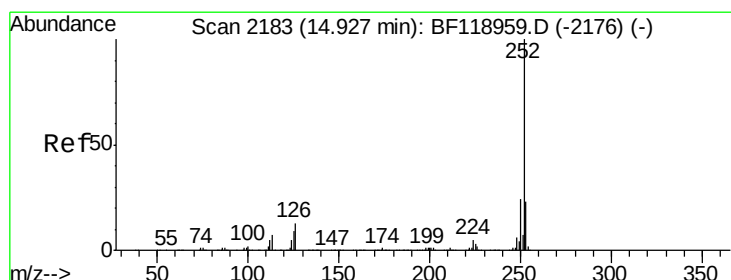
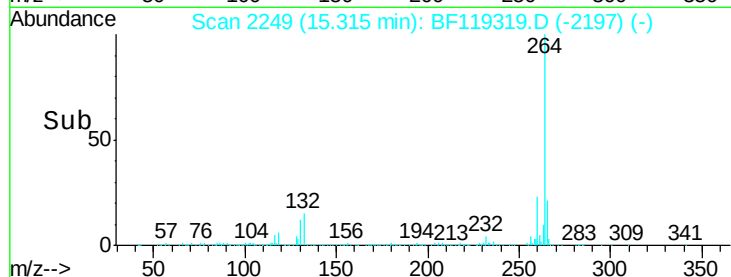
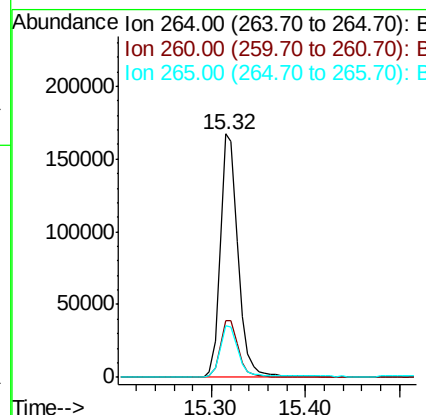
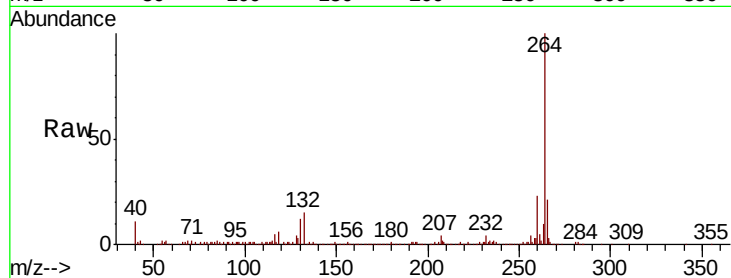
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF119319.D
Acq: 10 Mar 2020 16:22

Instrument :
BNA_F
ClientSampleId :
TP-3-D

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	21.4	17.7	26.5

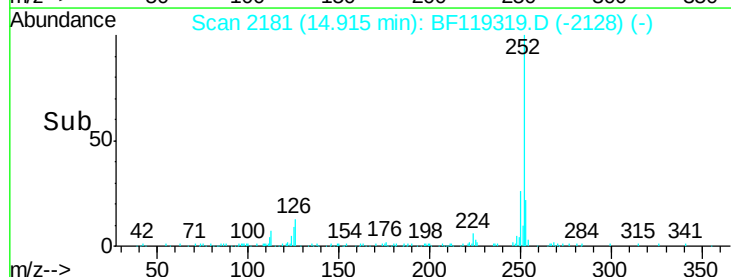
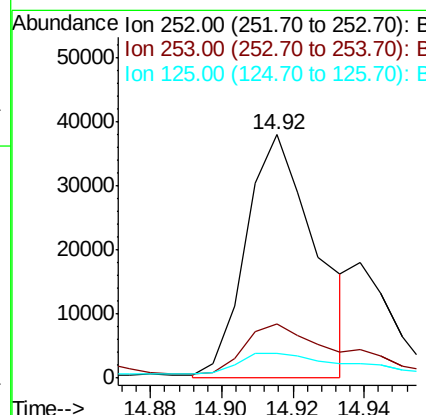
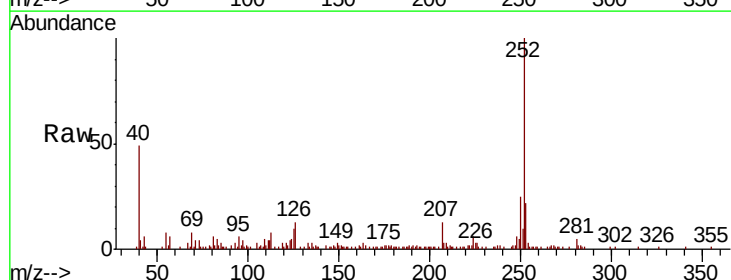
Manual Integrations
APPROVED

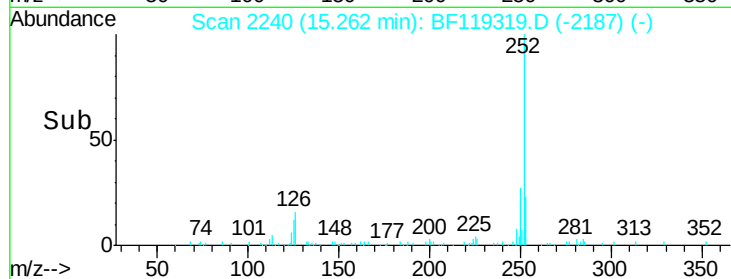
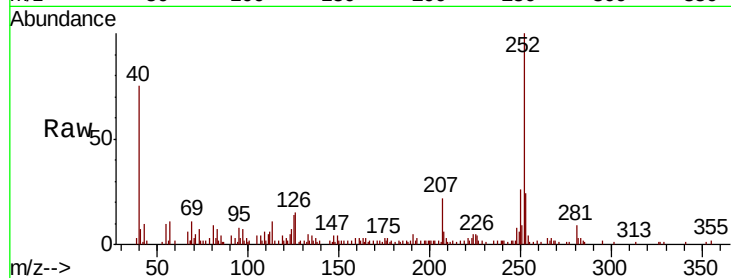
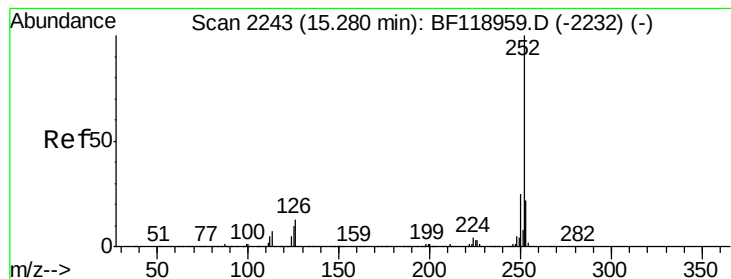
mohammad
3/11/2020 4:58:01 PM



#88
Benzo(b)fluoranthene
Concen: 3.505 ng m
RT: 14.92 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BF119319.D
Acq: 10 Mar 2020 16:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	10.3	7.4	11.0





#90
Benzo(a)pyrene
Concen: 2.314 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF119319.D
Acq: 10 Mar 2020 16:22

Instrument :
BNA_F
ClientSampleId :
TP-3-D

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.0	27.0
125	14.0	8.6	12.8

Manual Integrations
APPROVED

mohammad
3/11/2020 4:58:01 PM

