

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
 Data File : BF119197.D
 Acq On : 4 Mar 2020 16:23
 Operator : CG/JU
 Sample : L1724-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A2828

Manual Integrations
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Quant Time: Mar 04 17:27:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	120476	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	425833	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	158735	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	259474	20.00	ng	0.01
76) Chrysene-d12	14.00	240	164054m	20.00	ng	0.09
87) Perylene-d12	15.40	264	248274	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	426645m	59.18	ng	0.02
7) Phenol-d6	6.43	99	71550m	8.16	ng	0.02
23) Nitrobenzene-d5	7.31	82	750989	93.12	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	270632	130.33	ng	0.01
45) 2-Fluorobiphenyl	9.12	172	1114765	103.46	ng	0.01
79) Terphenyl-d14	12.91	244	705848	74.08	ng	0.06
Target Compounds						
37) 2-Methylnaphthalene	8.79	142	41900	2.819	ng	95
38) 1-Methylnaphthalene	8.88	142	54469	3.897	ng	# 94
46) 1,1'-Biphenyl	9.22	154	35737	2.786	ng	97
55) Dibenzofuran	9.99	168	31643	2.355	ng	# 59
81) Benzo(a)anthracene	13.99	228	26732m	2.391	ng	
83) Chrysene	14.02	228	89022m	7.993	ng	
88) Benzo(b)fluoranthene	14.99	252	36993m	2.261	ng	

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

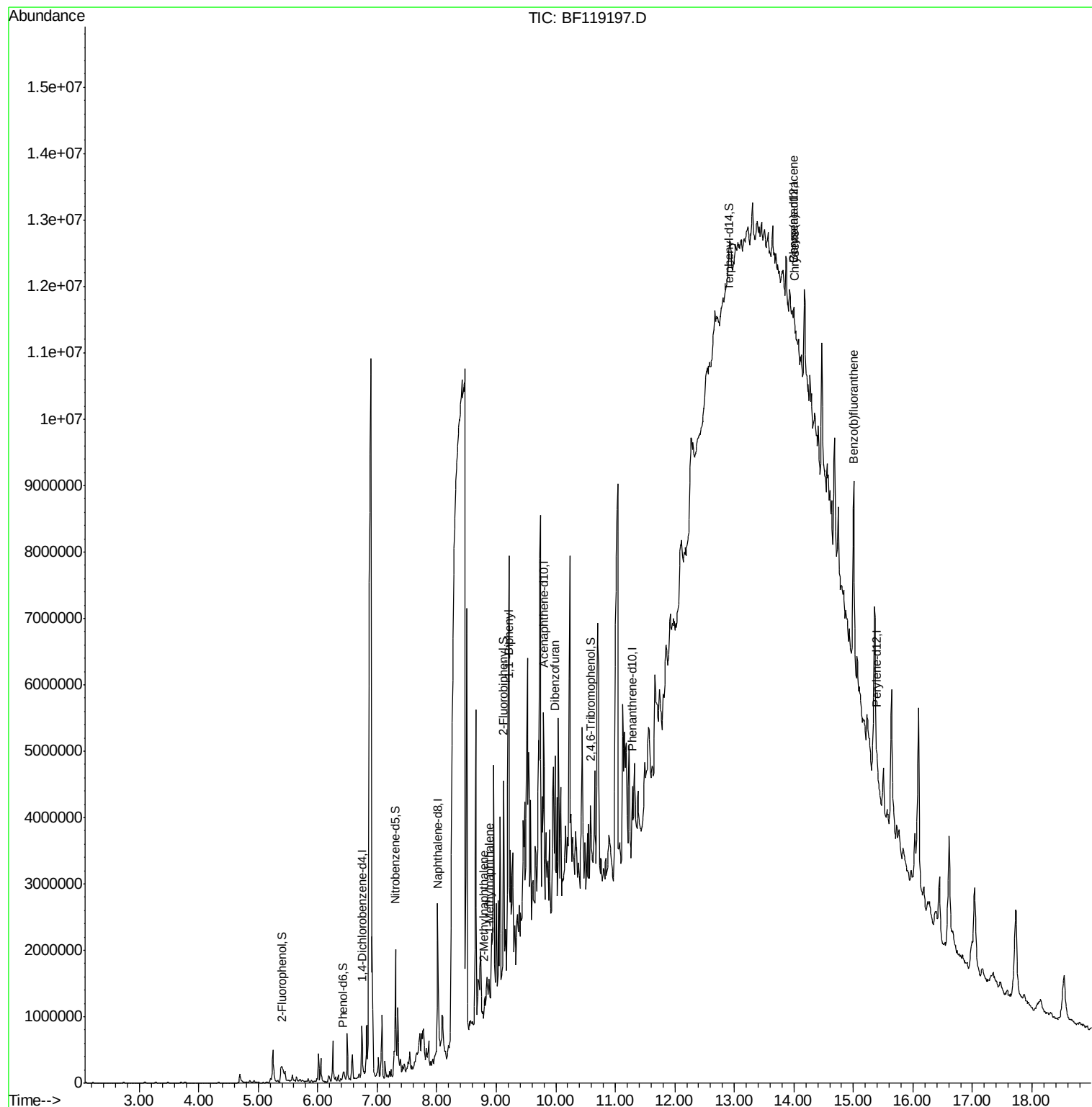
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
Data File : BF119197.D
Acq On : 4 Mar 2020 16:23
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Misc :
ALS Vial : 12 Sample Multiplier: 1

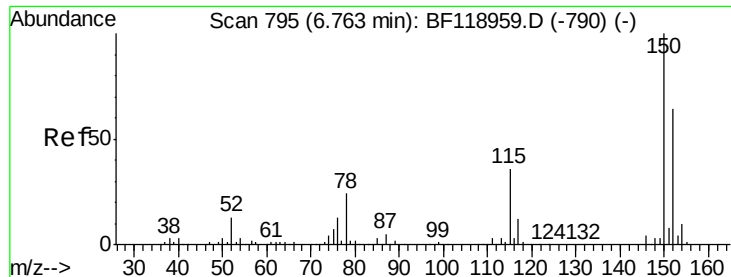
Instrument :
BNA_F
ClientSampled :
A2828

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Quant Time: Mar 04 17:27:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

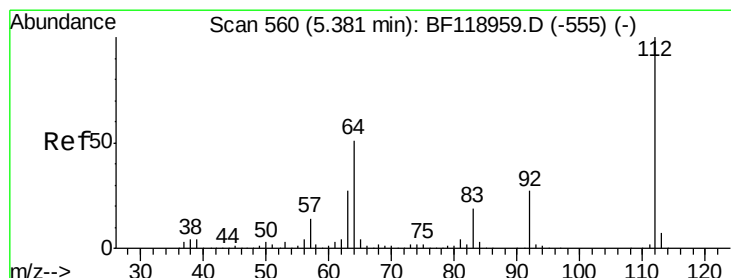
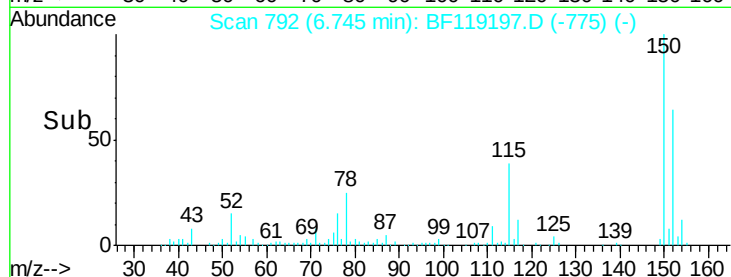
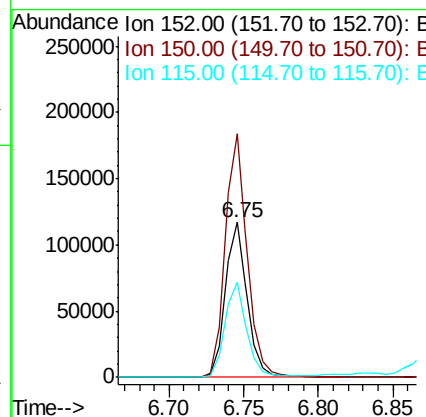
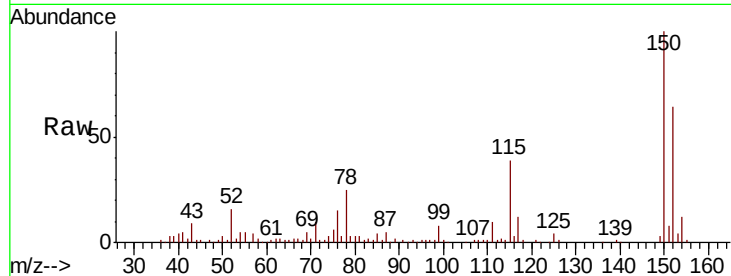
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF119197.D
Acq: 4 Mar 2020 16:23

Instrument :
BNA_F
ClientSampleId :
A2828

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.0	184.6
115	61.6	49.5	74.3

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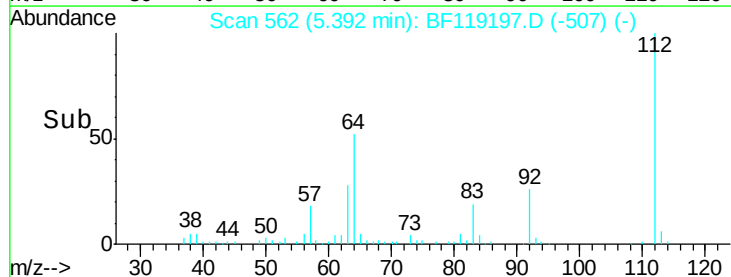
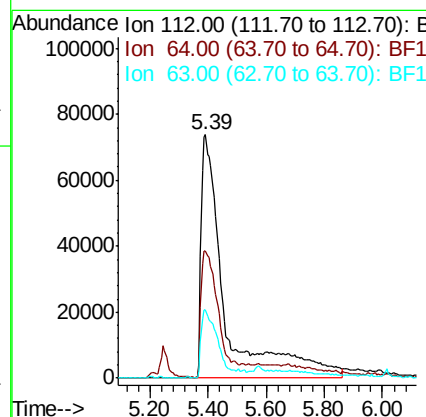
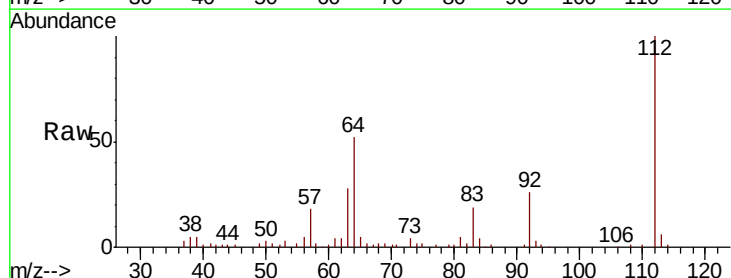
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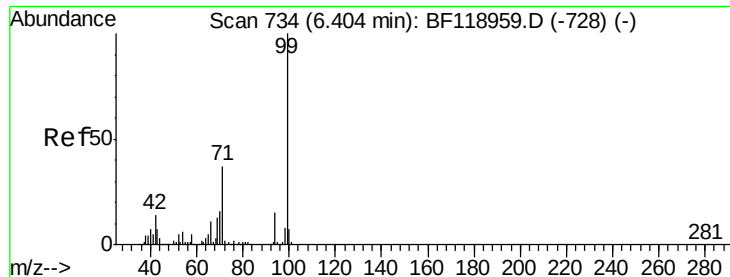


#5

2-Fluorophenol
Concen: 59.182 ng m
RT: 5.39 min Scan# 562
Delta R.T. 0.02 min
Lab File: BF119197.D
Acq: 4 Mar 2020 16:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.1	45.0	67.4
63	27.9	24.2	36.4





#7

Phenol-d6

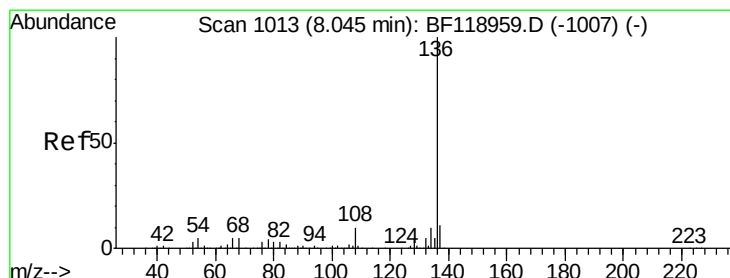
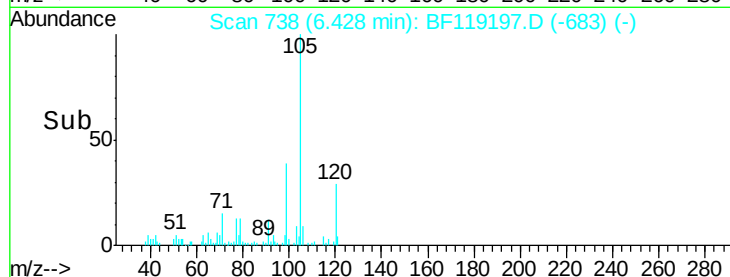
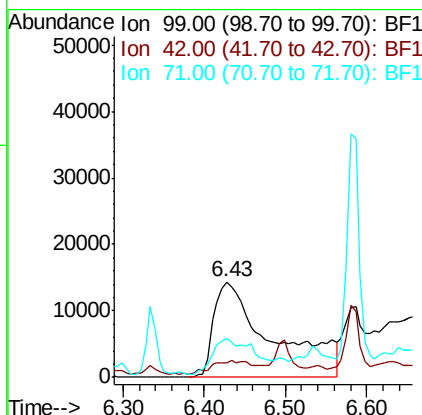
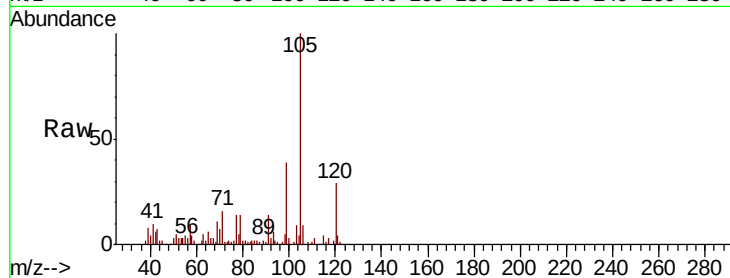
Concen: 8.161 ng m
RT: 6.43 min Scan# 738
Delta R.T. 0.02 min
Lab File: BF119197.D
Acq: 4 Mar 2020 16:23

Instrument :
BNA_F
ClientSampled :
A2828

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		71550		
42	14.5	12.6		18.8	
71	40.2	31.0		46.4	

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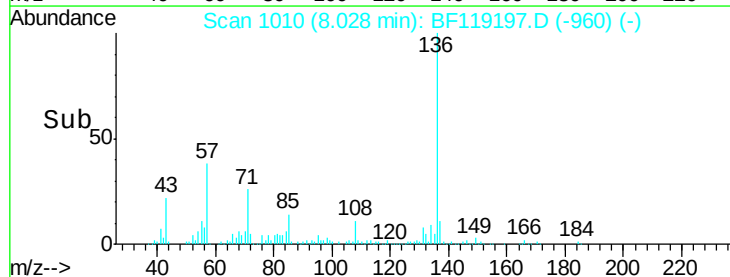
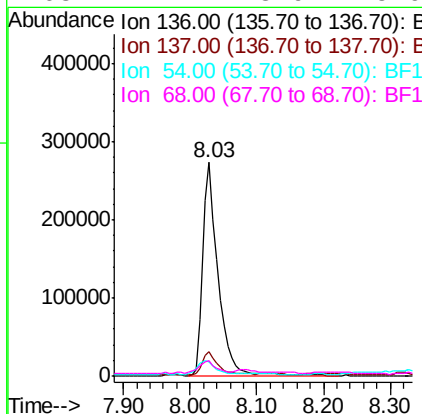
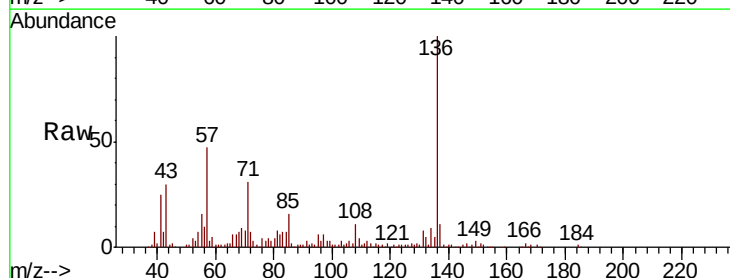


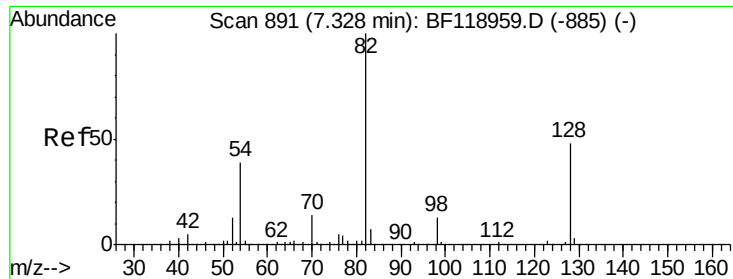
#21

Naphthalene-d8

Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF119197.D
Acq: 4 Mar 2020 16:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		425833		
137	11.2	8.8		13.2	
54	6.6	3.8		5.6#	
68	7.1	3.9		5.9#	





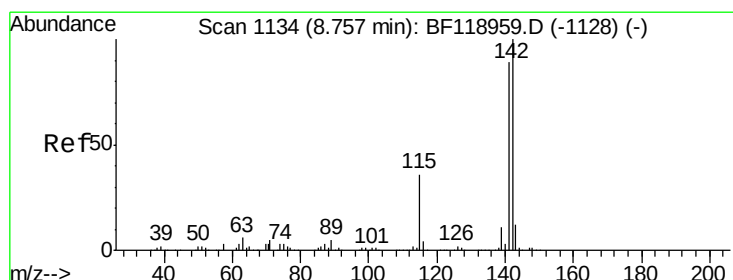
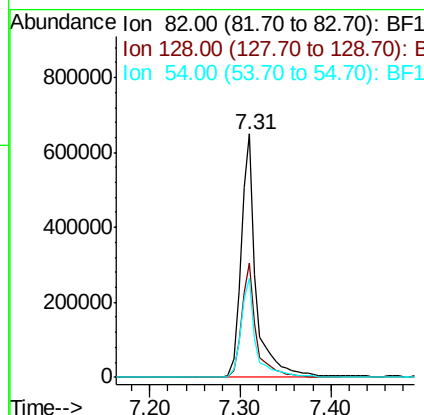
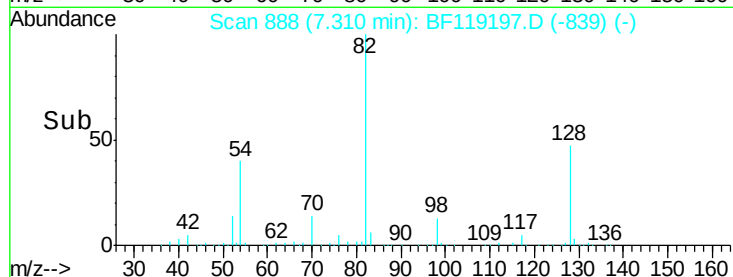
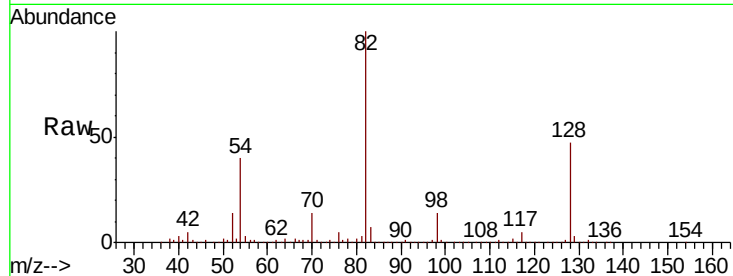
#23
Nitrobenzene-d5
Concen: 93.117 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF119197.D
Acq: 4 Mar 2020 16:23

Instrument :
BNA_F
ClientSampleId :
A2828

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.9	56.9
54	40.5	33.4	50.2

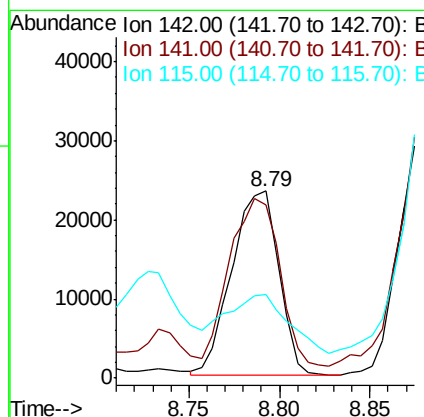
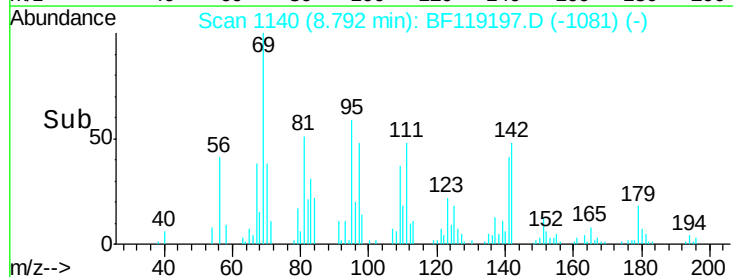
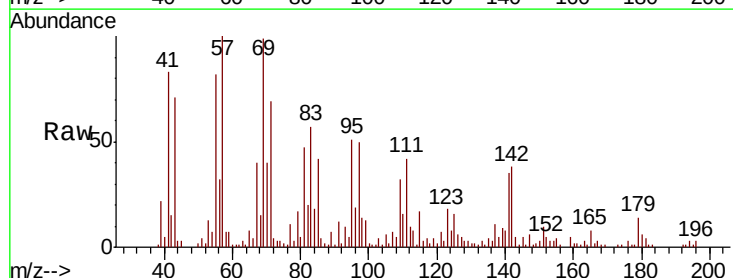
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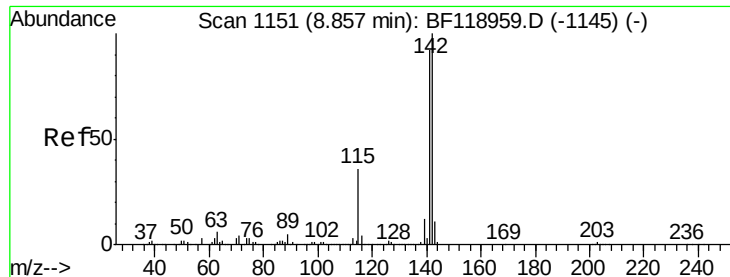
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#37
2-Methylnaphthalene
Concen: 2.819 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.05 min
Lab File: BF119197.D
Acq: 4 Mar 2020 16:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	72.3	108.5
115	44.5	30.6	45.8





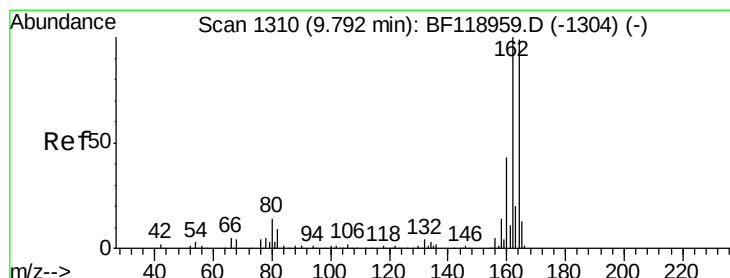
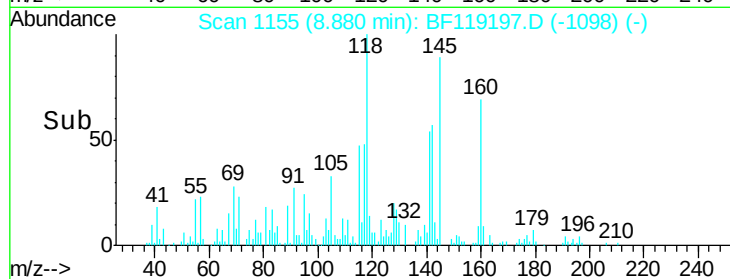
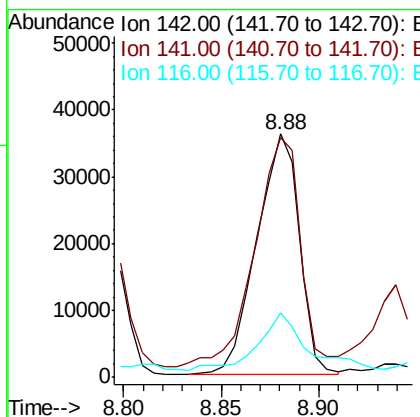
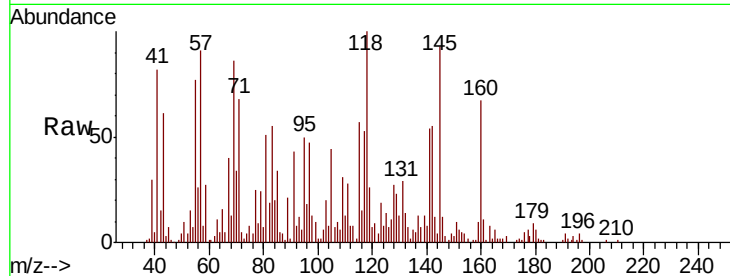
#38
1-Methylnaphthalene
Concen: 3.897 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.04 min
Lab File: BF119197.D
Acq: 4 Mar 2020 16:23

Instrument :
BNA_F
ClientSampled :
A2828

Tot Ion	Ratio	Lower	Upper
142	100		
141	98.2	75.8	113.6
116	26.4	3.1	4.7#

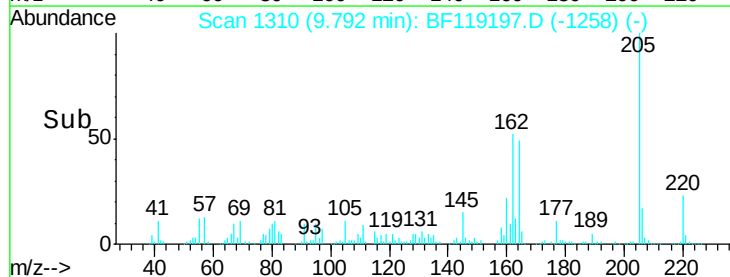
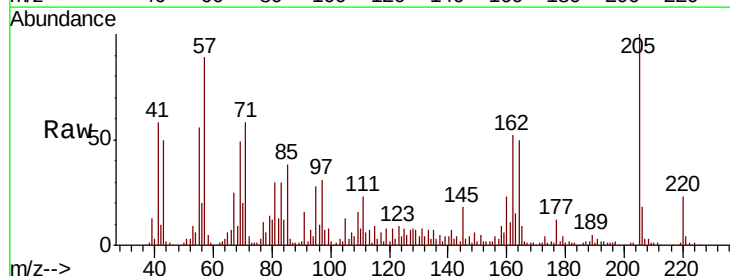
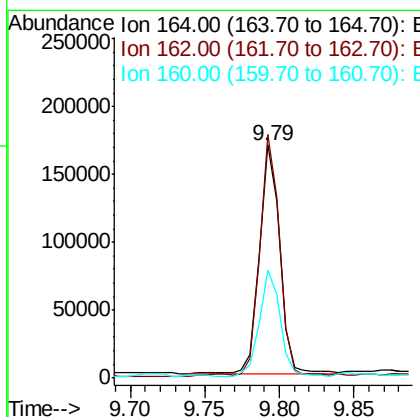
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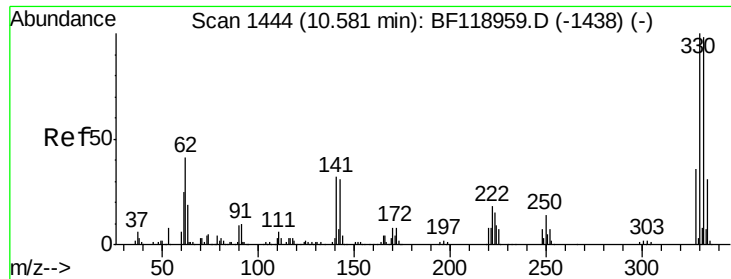
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF119197.D
Acq: 4 Mar 2020 16:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	81.8	122.8
160	46.1	36.0	54.0





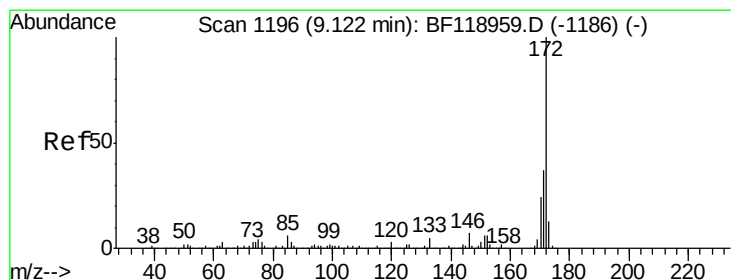
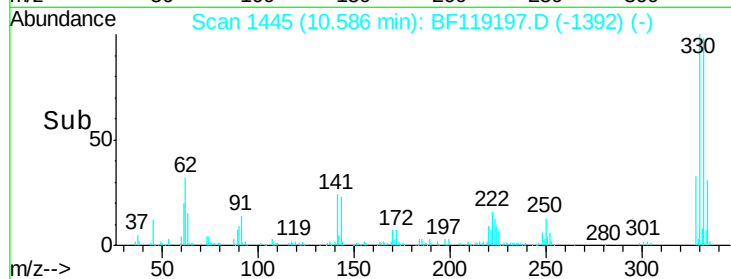
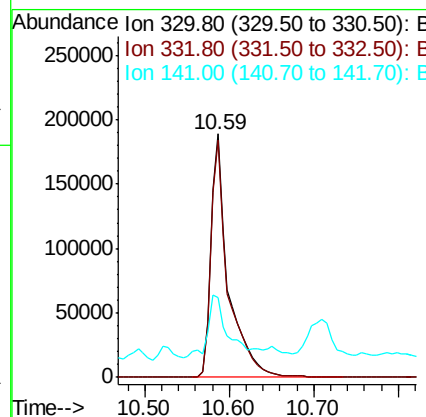
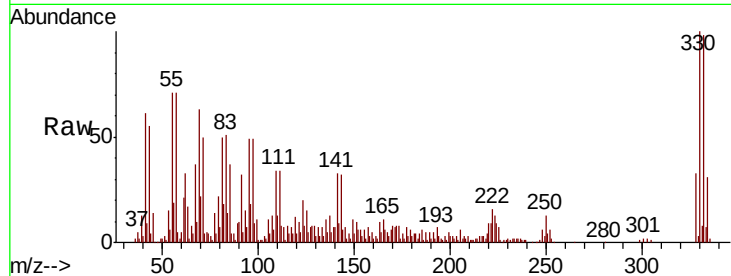
#42
 2,4,6-Tribromophenol
 Concen: 130.330 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. 0.01 min
 Lab File: BF119197.D
 Acq: 4 Mar 2020 16:23

Instrument :
 BNA_F
 ClientSampled :
 A2828

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.0	114.0
141	29.1	22.9	34.3

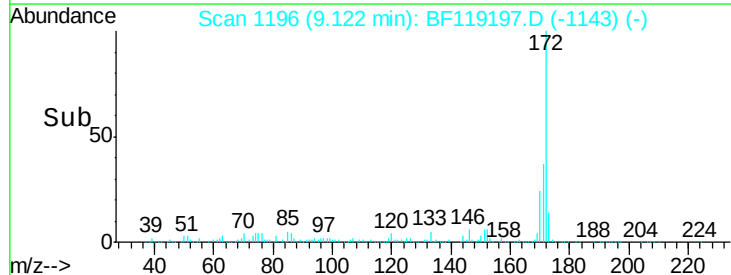
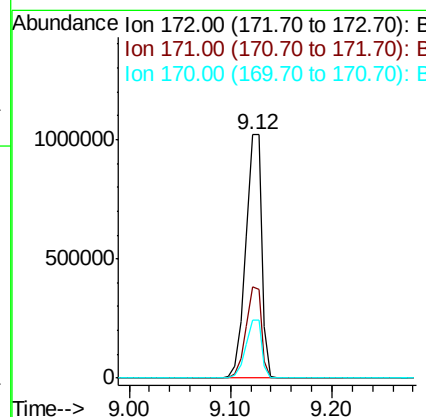
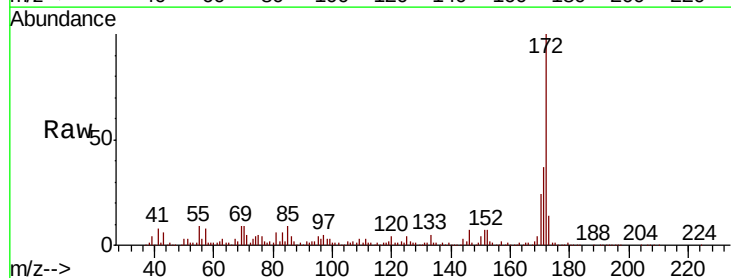
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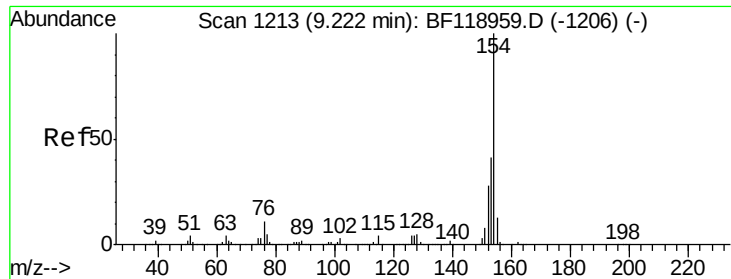
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#45
 2-Fluorobiphenyl
 Concen: 103.458 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BF119197.D
 Acq: 4 Mar 2020 16:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.6	45.8
170	23.7	20.2	30.2





#46

1,1'-Biphenyl

Concen: 2.786 ng

RT: 9.22 min Scan# 1213

Delta R.T. 0.01 min

Lab File: BF119197.D

Acq: 4 Mar 2020 16:23

Instrument :

BNA_F

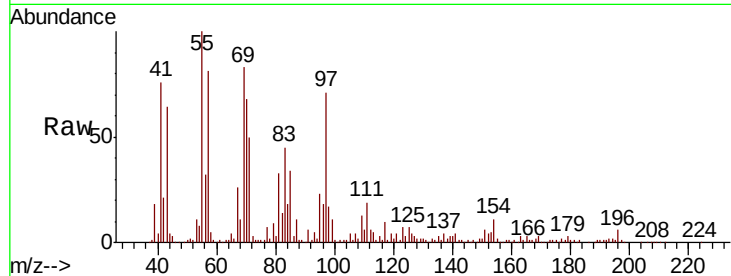
ClientSampleId :

A2828

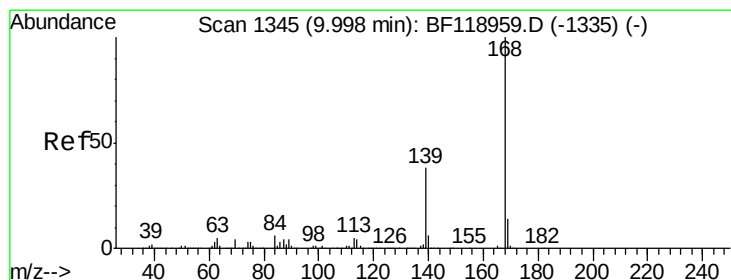
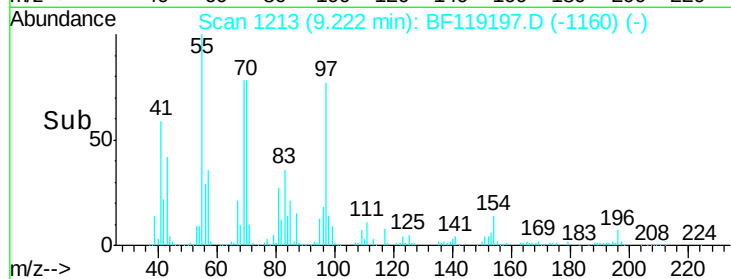
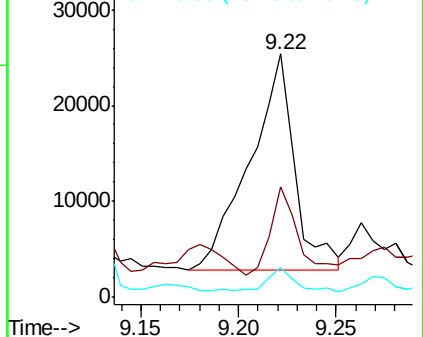
Tot Ion:	154	Resp:	35737
Ion Ratio	Lower	Upper	
154	100		
153	45.5	22.8	62.8
76	12.3	0.0	32.2

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#55

Dibenzofuran

Concen: 2.355 ng

RT: 9.99 min Scan# 1343

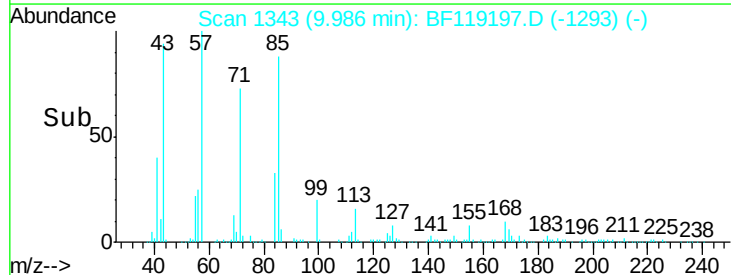
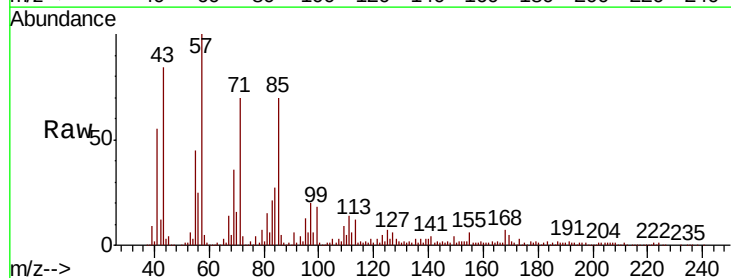
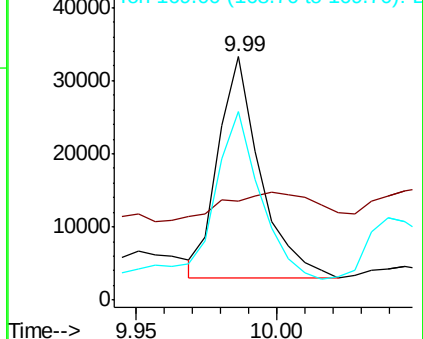
Delta R.T. -0.01 min

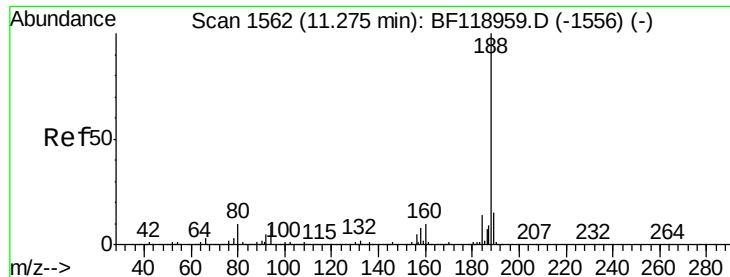
Lab File: BF119197.D

Acq: 4 Mar 2020 16:23

Tgt Ion:	168	Resp:	31643
Ion Ratio	Lower	Upper	
168	100		
139	40.4	34.0	51.0
169	77.6	11.0	16.4#

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.01 min

Lab File: BF119197.D

Acq: 4 Mar 2020 16:23

Instrument :

BNA_F

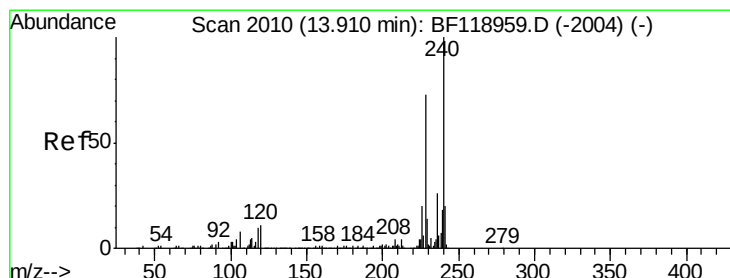
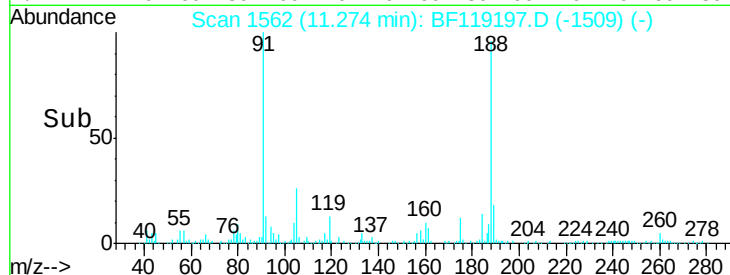
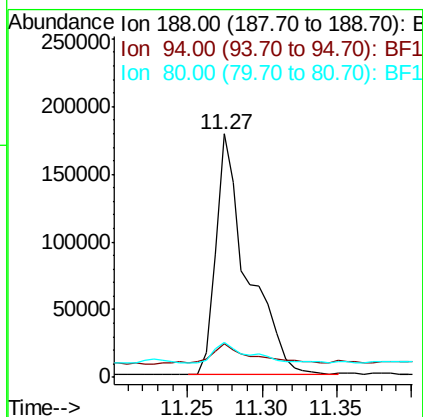
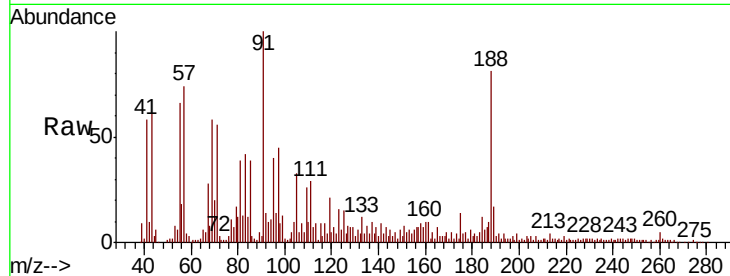
ClientSampled :

A2828

Tot Ion:	188	Resp:	259474
Ion Ratio	Lower	Upper	
188	100		
94	14.1	7.1	10.7#
80	14.3	7.8	11.8#

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#76

Chrysene-d12

Concen: 20.000 ng m

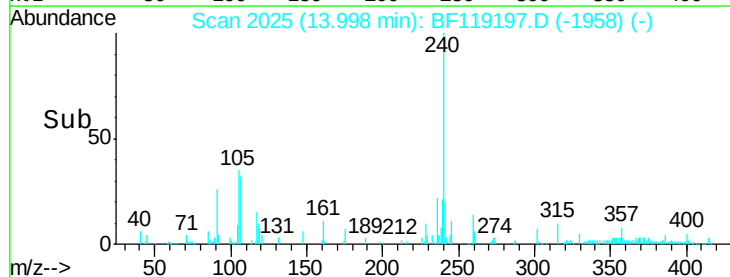
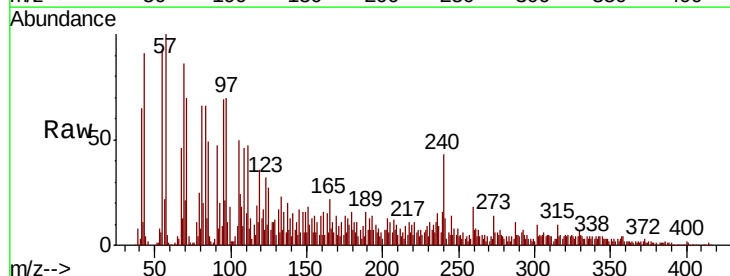
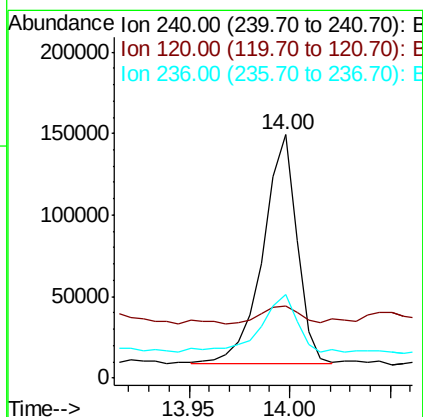
RT: 14.00 min Scan# 2025

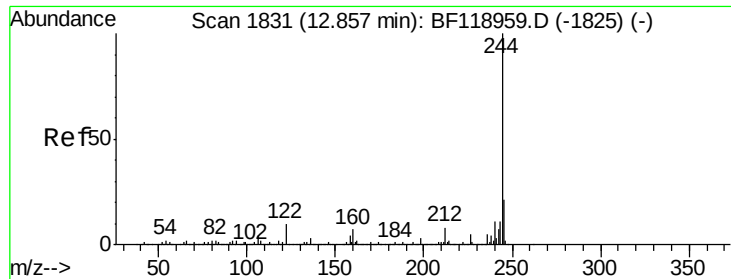
Delta R.T. 0.09 min

Lab File: BF119197.D

Acq: 4 Mar 2020 16:23

Tgt Ion:	240	Resp:	164054
Ion Ratio	Lower	Upper	
240	100		
120	29.7	8.4	12.6#
236	34.3	21.0	31.4#





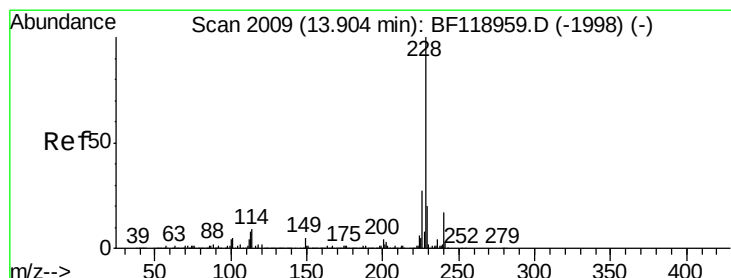
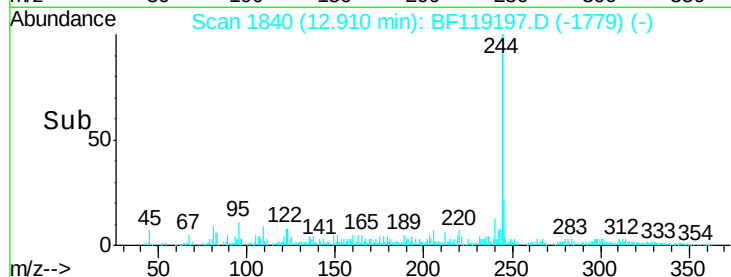
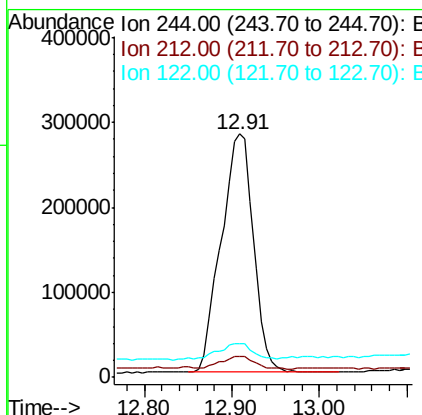
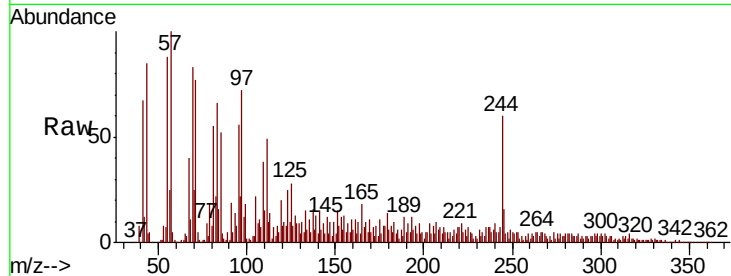
#79
 Terphenyl-d14
 Concen: 74.076 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.06 min
 Lab File: BF119197.D
 Acq: 4 Mar 2020 16:23

Instrument :
 BNA_F
 ClientSampleId :
 A2828

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	8.8	6.6	10.0	
122	14.0	8.2	12.2	

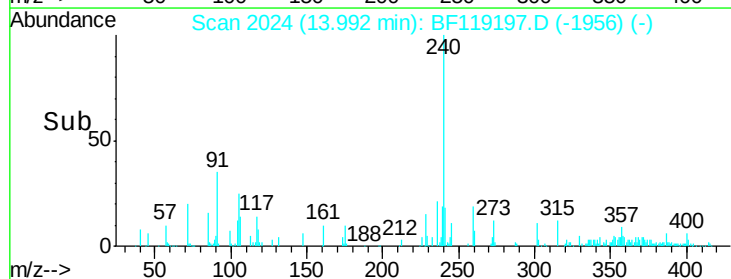
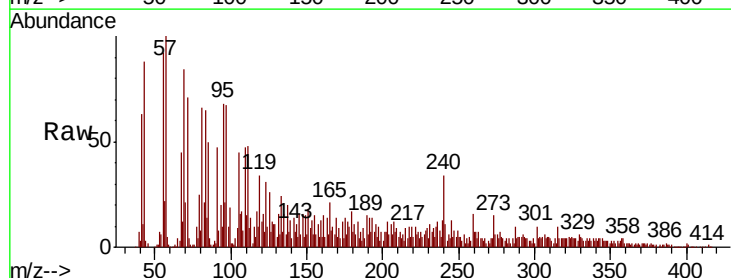
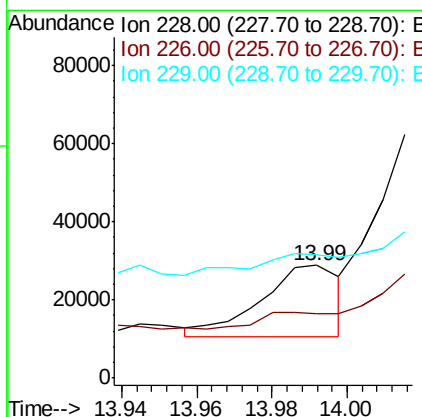
Manual Integrations
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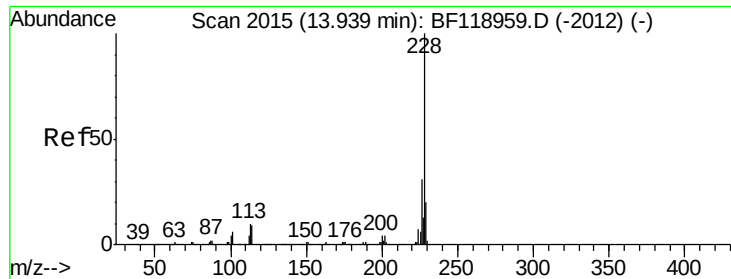
mohammad
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#81
 Benzo(a)anthracene
 Concen: 2.391 ng m
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.10 min
 Lab File: BF119197.D
 Acq: 4 Mar 2020 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	57.6	22.6	33.8	
229	109.5	16.6	24.8	





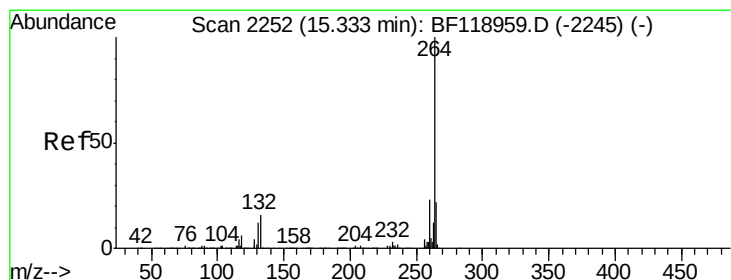
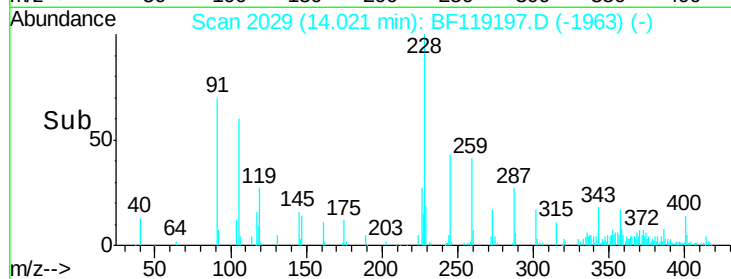
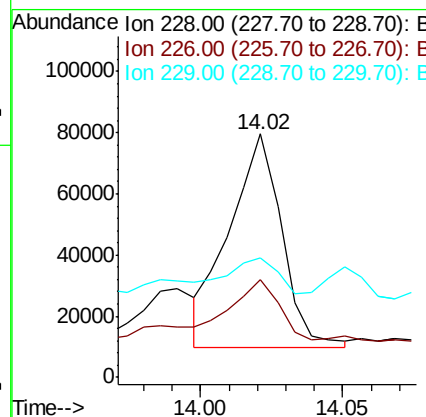
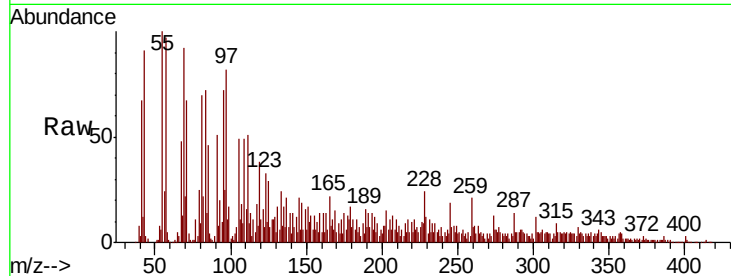
#83
Chrysene
Concen: 7.993 ng/mL
RT: 14.02 min Scan# 2029
Delta R.T. 0.09 min
Lab File: BF119197.D
Acq: 4 Mar 2020 16:23

Instrument :
BNA_F
ClientSampled :
A2828

Tot Ion	Ratio	Lower	Upper
228	100		
226	40.1	25.1	37.7#
229	49.1	16.3	24.5#

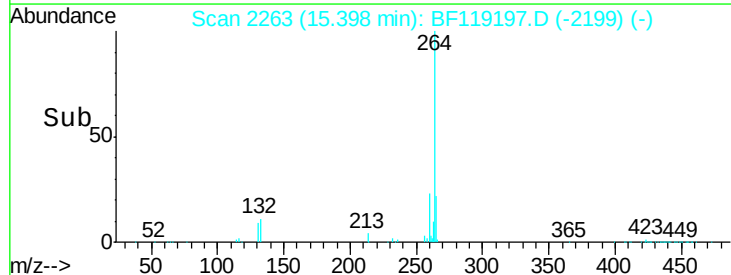
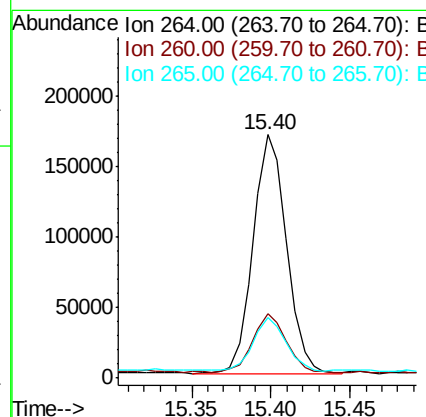
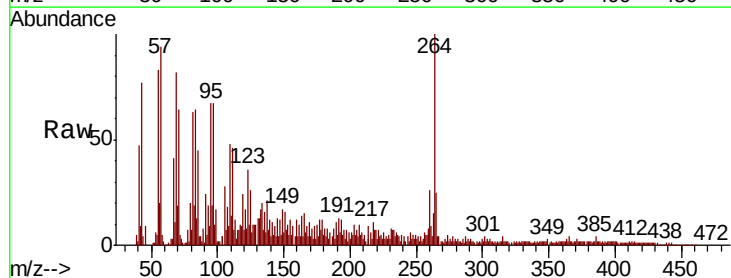
Manual Integrations
APPROVED

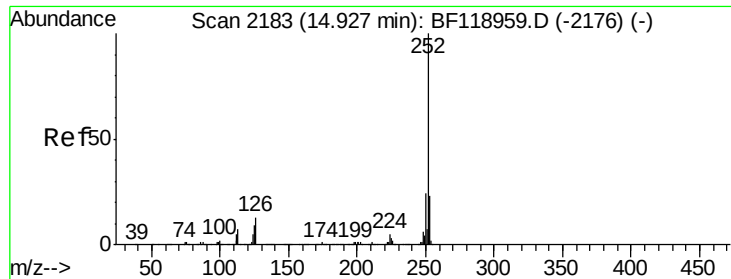
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.08 min
Lab File: BF119197.D
Acq: 4 Mar 2020 16:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.4	19.4	29.2
265	25.0	17.7	26.5





#88
 Benzo(b)fluoranthene
 Concen: 2.261 ng m
 RT: 14.99 min Scan# 2194
 Delta R.T. 0.07 min
 Lab File: BF119197.D
 Acq: 4 Mar 2020 16:23

Instrument :
 BNA_F
 ClientSampleId :
 A2828

Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	71.1	18.1	27.1#		
125	174.6	7.4	11.0#		

Manual Integrations
 APPROVED

mohammad
 3/5/2020 3:54:28 PM

