

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119304.D
 Acq On : 10 Mar 2020 1:23
 Operator : CG/JU
 Sample : L1778-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S7

Manual Integrations
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mohammad
 3/10/2020 2:44:42 PM

Quant Time: Mar 10 03:10:49 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	98483	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	368965	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	194038	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	324317	20.00	ng	0.00
76) Chrysene-d12	13.88	240	234554	20.00	ng	0.00
87) Perylene-d12	15.31	264	272026	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	468891	79.57	ng	0.00
7) Phenol-d6	6.38	99	586712	81.86	ng	0.00
23) Nitrobenzene-d5	7.29	82	385430	55.16	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	171104	67.41	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	713317	54.16	ng	0.00
79) Terphenyl-d14	12.82	244	610148	44.79	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.47	163	69284	4.669	ng	Qvalue 100
71) Phenanthrene	11.26	178	91676	5.183	ng	97
75) Fluoranthene	12.46	202	164136	8.743	ng	98
78) Pyrene	12.69	202	144120	7.652	ng	97
81) Benzo(a)anthracene	13.87	228	97779	6.118	ng	98
83) Chrysene	13.91	228	102794	6.455	ng	96
86) Indeno(1,2,3-cd)pyrene	16.73	276	59465	3.857	ng	96
88) Benzo(b)fluoranthene	14.90	252	177219m	9.884	ng	
89) Benzo(k)fluoranthene	14.93	252	56570m	3.404	ng	
90) Benzo(a)pyrene	15.26	252	97401	6.019	ng	99
92) Benzo(g,h,i)perylene	17.15	276	54292	3.859	ng	95

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

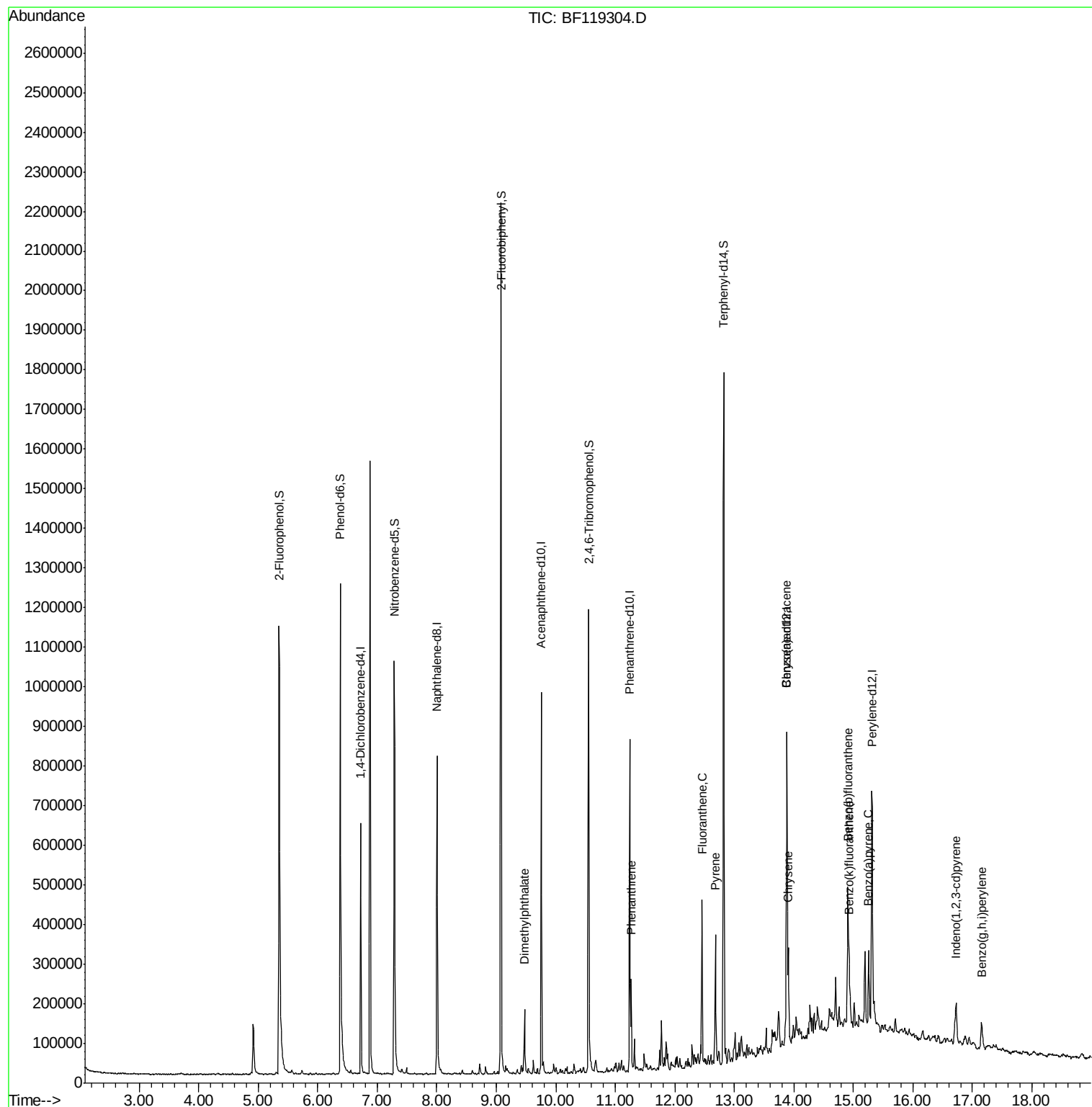
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
Data File : BF119304.D
Acq On : 10 Mar 2020 1:23
Operator : CG/JU
Sample : L1778-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

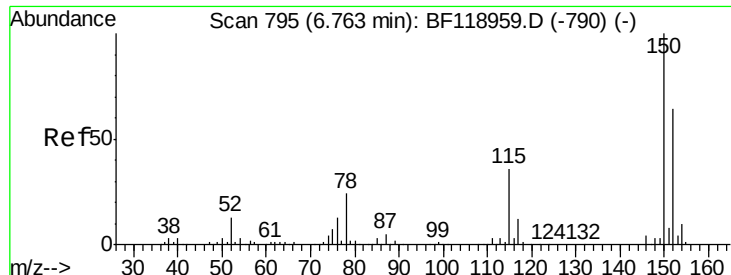
Instrument :
BNA_F
ClientSampleId :
S7

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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

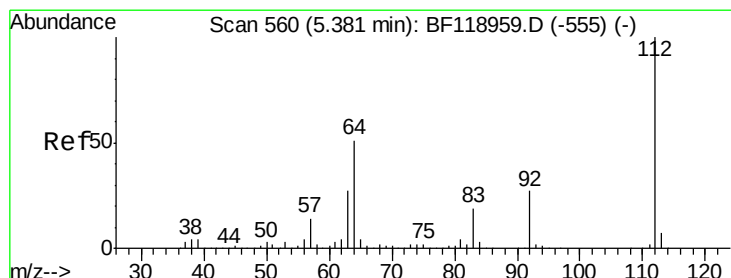
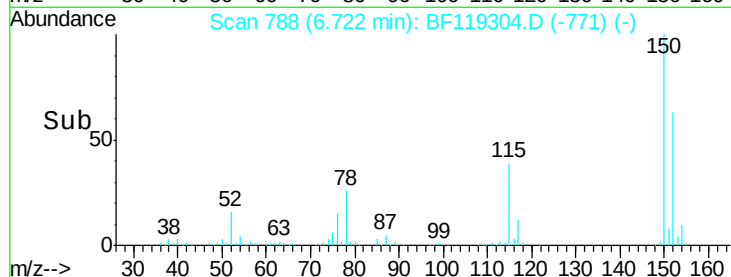
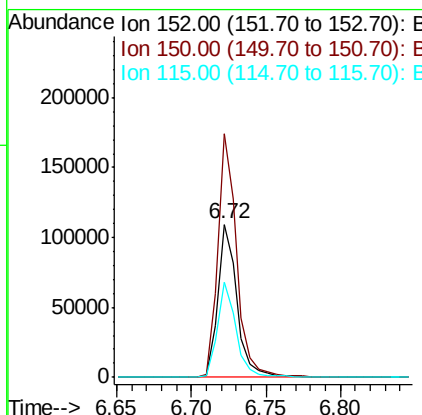
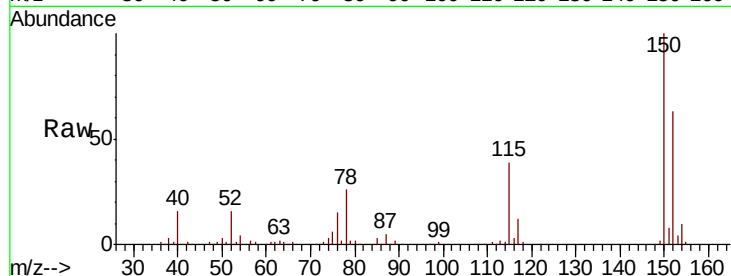
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119304.D
Acq: 10 Mar 2020 1:23

Instrument :
BNA_F
ClientSampled :
S7

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	123.0	184.6
115	62.0	49.5	74.3

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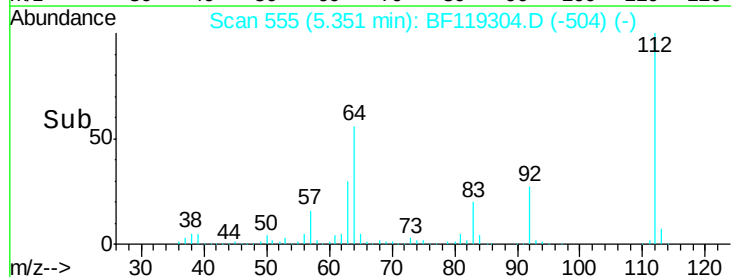
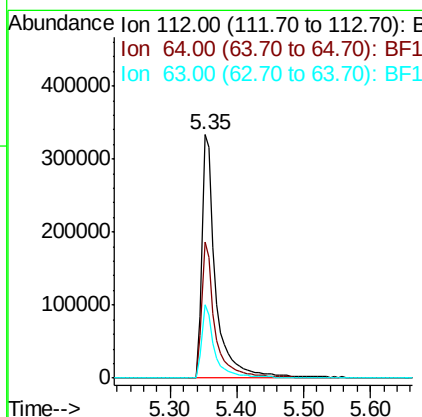
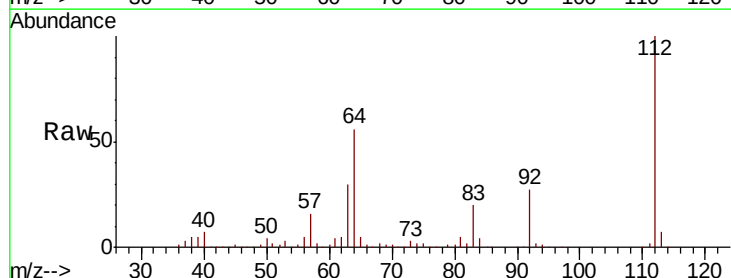
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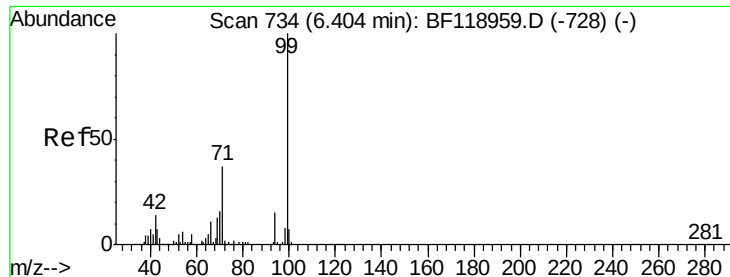


#5

2-Fluorophenol
Concen: 79.567 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF119304.D
Acq: 10 Mar 2020 1:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	45.0	67.4
63	30.1	24.2	36.4





#7

Phenol-d6

Concen: 81.863 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119304.D

Acq: 10 Mar 2020 1:23

Instrument :

BNA_F

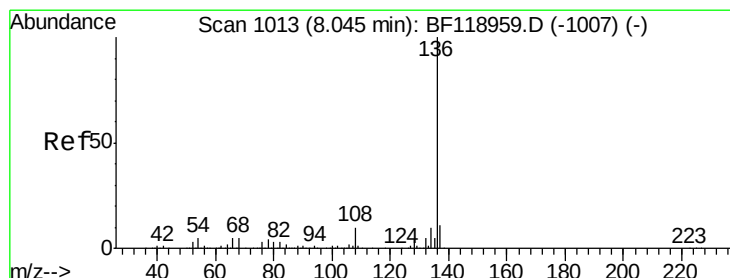
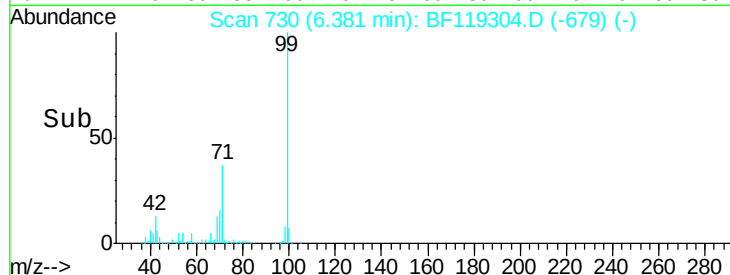
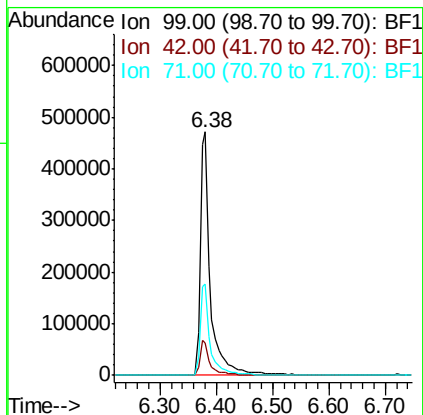
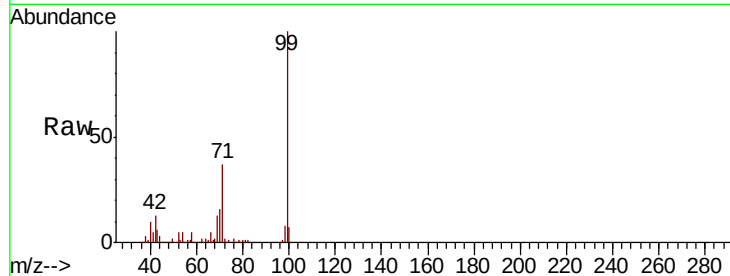
ClientSampleId :

S7

Tot Ion:	99	Resp:	586712
Ion	Ratio	Lower	Upper
99	100		
42	13.3	12.6	18.8
71	37.4	31.0	46.4

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#21

Naphthalene-d8

Concen: 20.000 ng

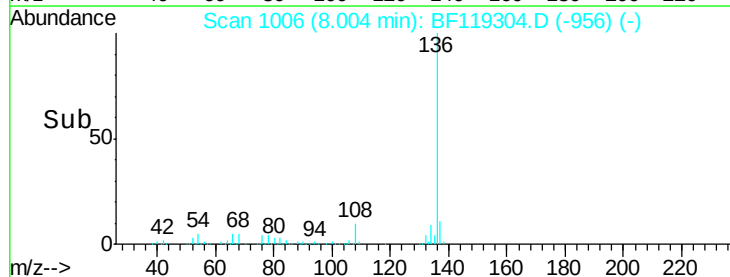
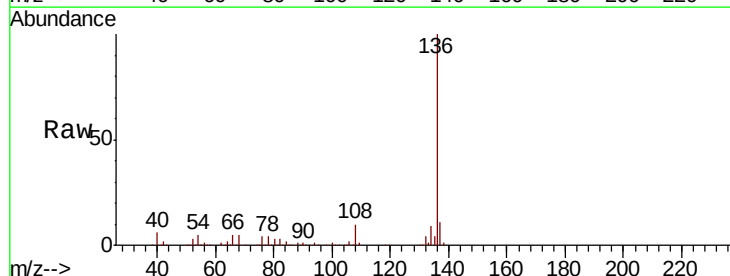
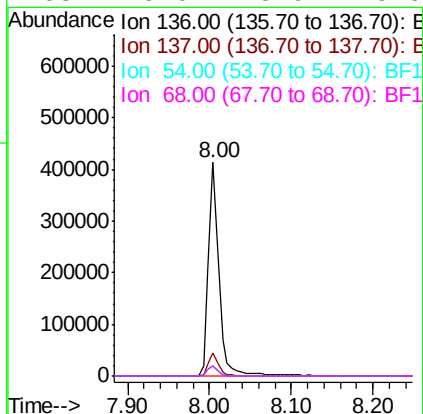
RT: 8.00 min Scan# 1006

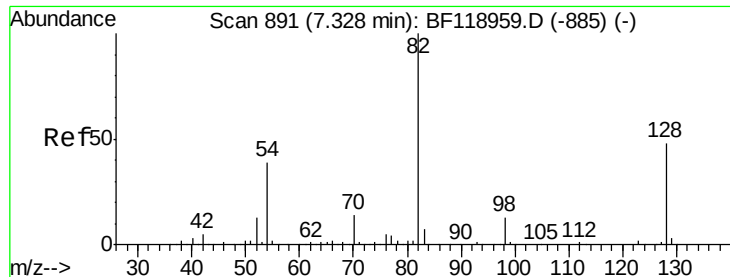
Delta R.T. -0.01 min

Lab File: BF119304.D

Acq: 10 Mar 2020 1:23

Tgt Ion:	136	Resp:	368965
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	4.9	3.8	5.6
68	5.0	3.9	5.9





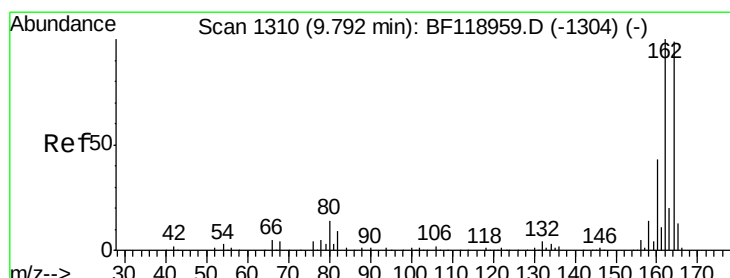
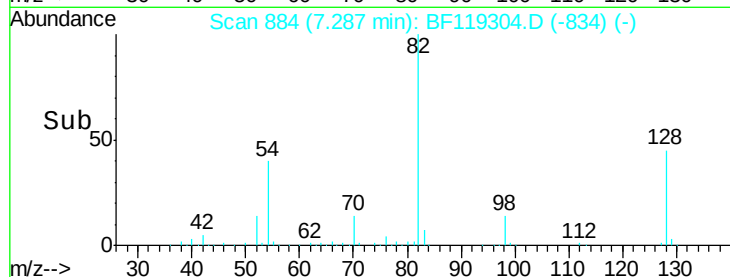
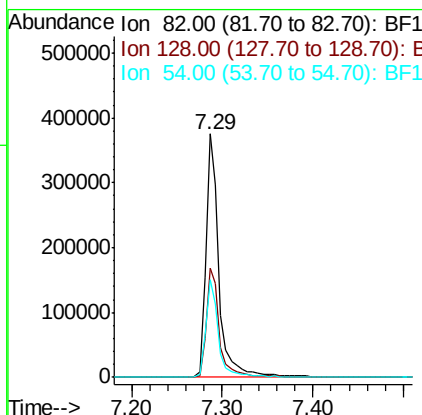
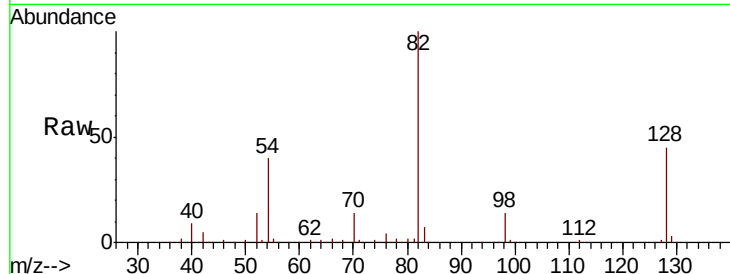
#23
Nitrobenzene-d5
Concen: 55.156 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF119304.D
Acq: 10 Mar 2020 1:23

Instrument :
BNA_F
ClientSampled :
S7

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	37.9	56.9
54	40.1	33.4	50.2

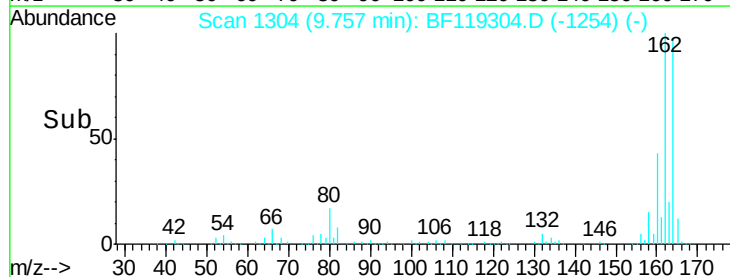
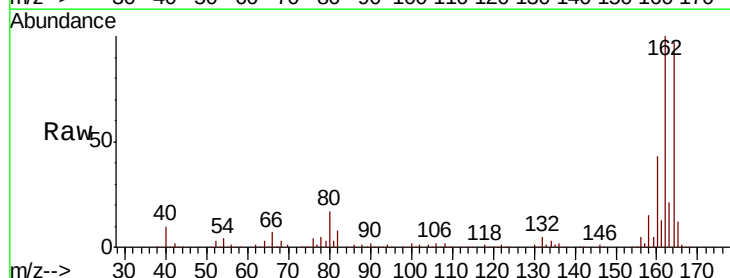
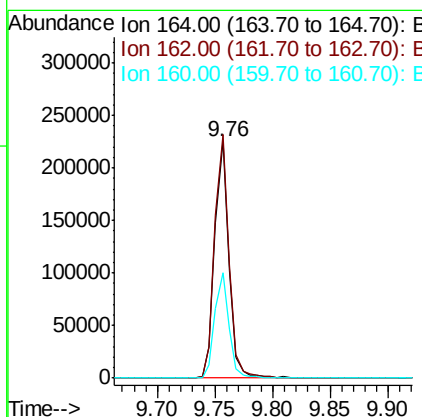
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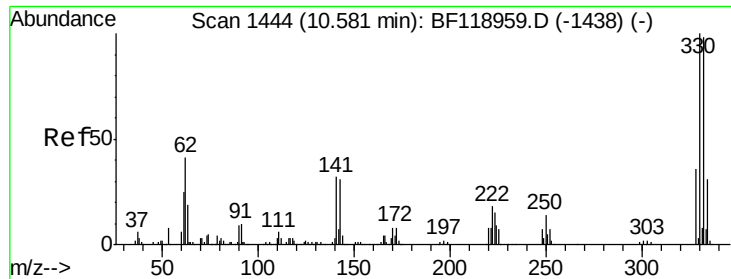
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF119304.D
Acq: 10 Mar 2020 1:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.8	122.8
160	44.5	36.0	54.0





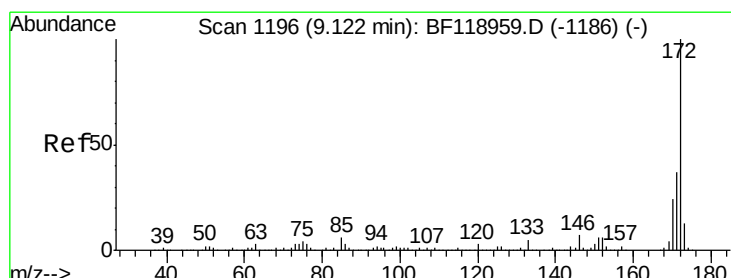
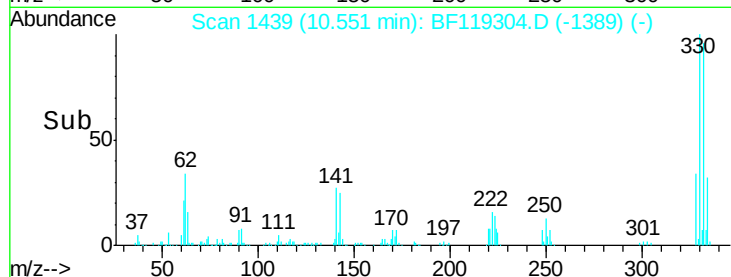
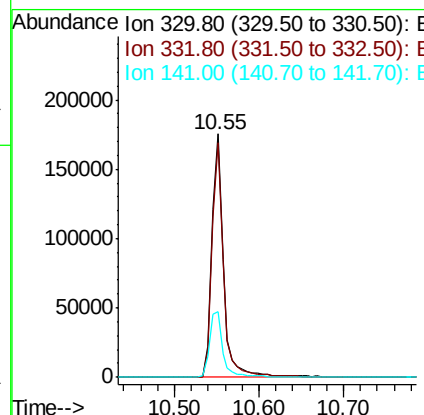
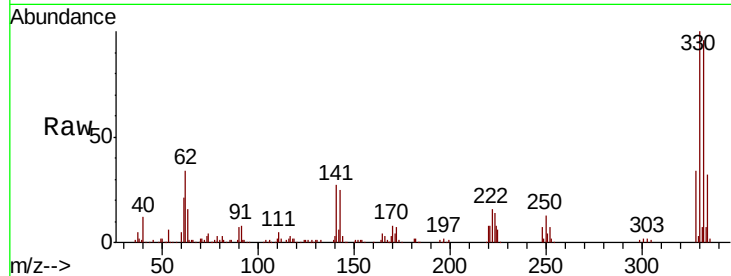
#42
 2,4,6-Tribromophenol
 Concen: 67.408 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF119304.D
 Acq: 10 Mar 2020 1:23

Instrument :
 BNA_F
 ClientSampled :
 S7

Tot Ion	Ratio	Resp	Lower	Upper
330	100	171104		
332	95.6	76.0	114.0	
141	31.1	22.9	34.3	

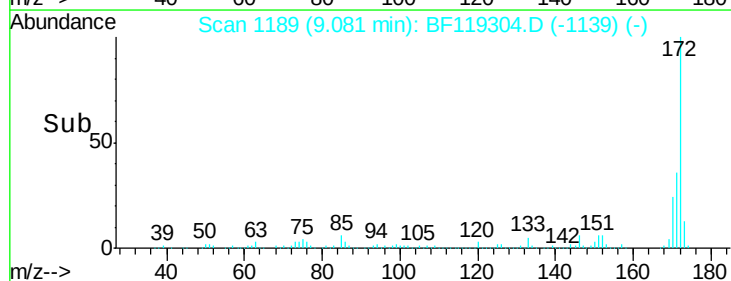
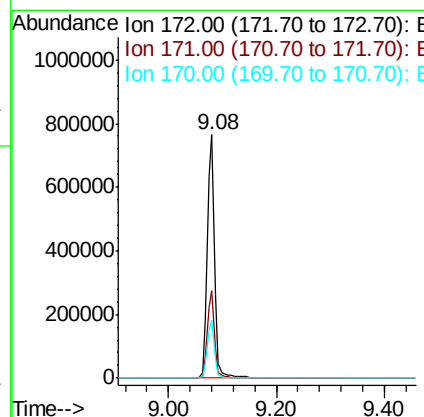
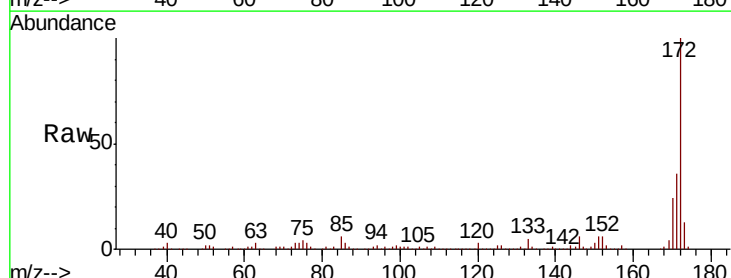
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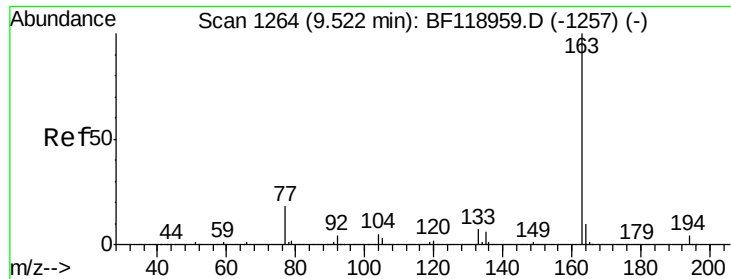
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#45
 2-Fluorobiphenyl
 Concen: 54.156 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119304.D
 Acq: 10 Mar 2020 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	713317		
171	36.1	30.6	45.8	
170	24.0	20.2	30.2	





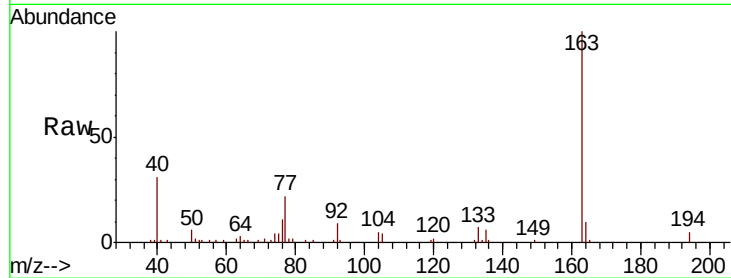
#50
Dimethylphthalate
Concen: 4.669 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF119304.D
Acq: 10 Mar 2020 1:23

Instrument :
BNA_F
ClientSampleId :
S7

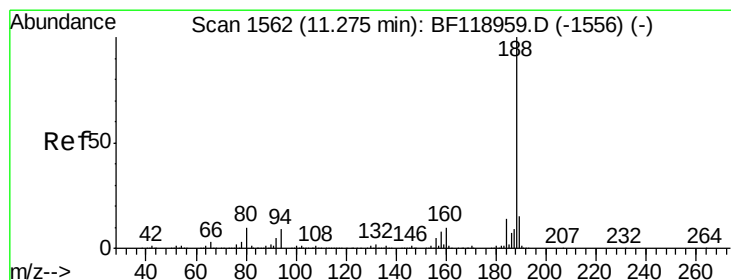
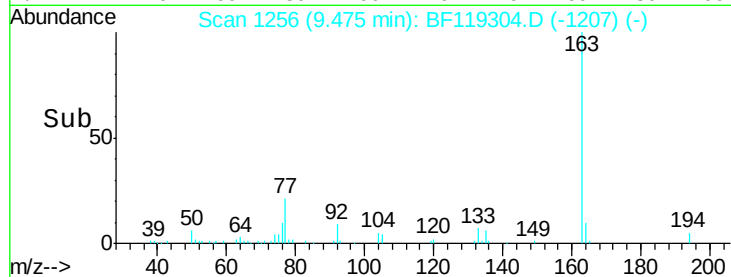
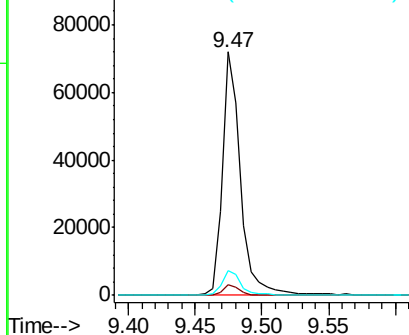
Tot Ion	Ratio	Resp	Lower	Upper
163	100	69284		
194	4.5		3.5	5.3
164	10.3		8.4	12.6

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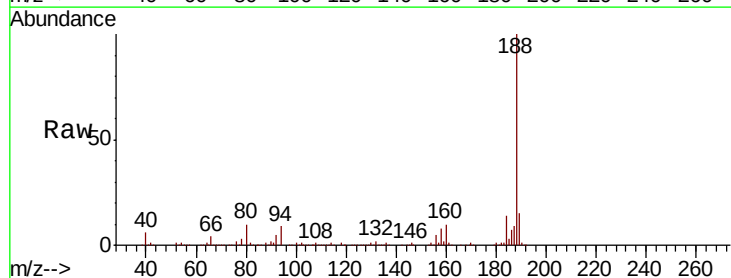


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

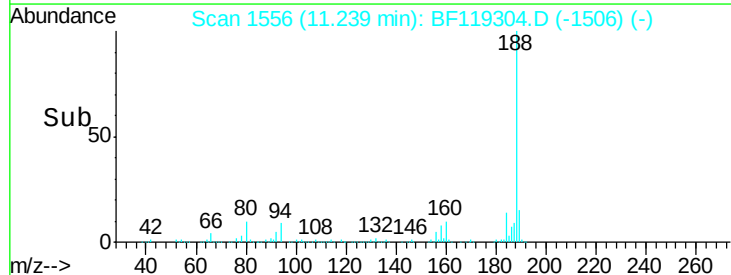
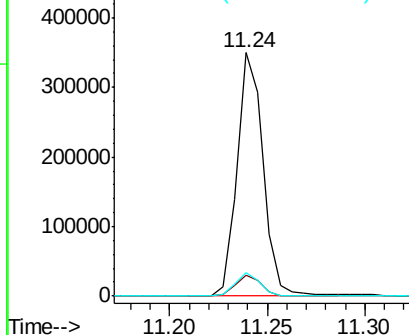


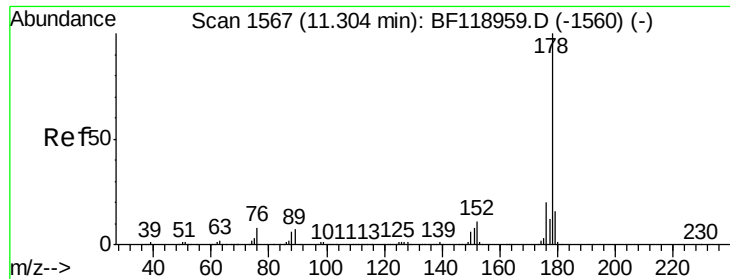
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF119304.D
Acq: 10 Mar 2020 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	324317		
94	8.7		7.1	10.7
80	9.6		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





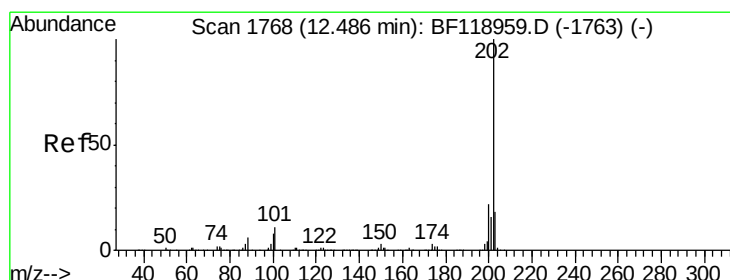
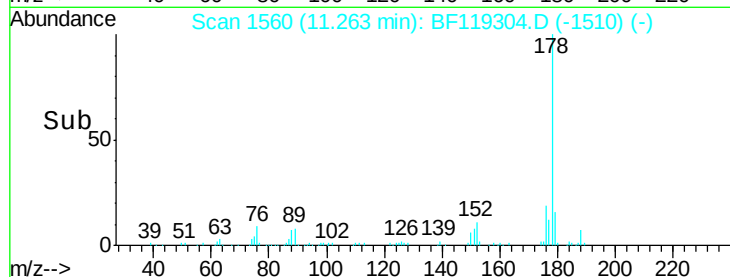
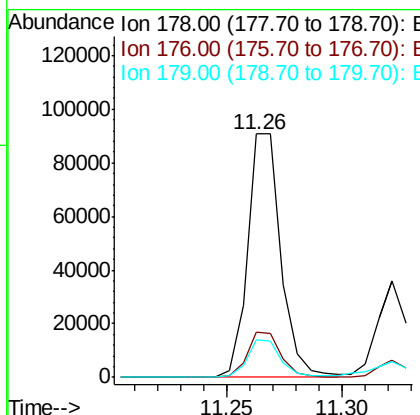
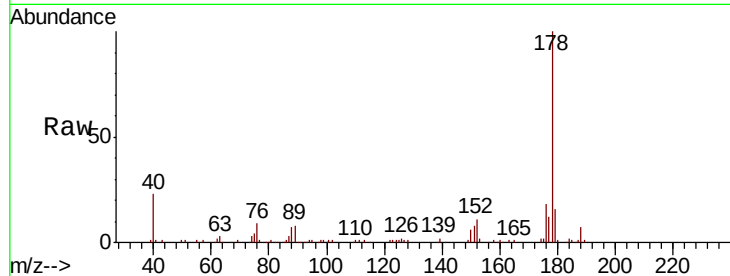
#71
Phenanthrene
Concen: 5.183 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF119304.D
Acq: 10 Mar 2020 1:23

Instrument :
BNA_F
ClientSampleId :
S7

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.5	24.7
179	15.5	13.0	19.6

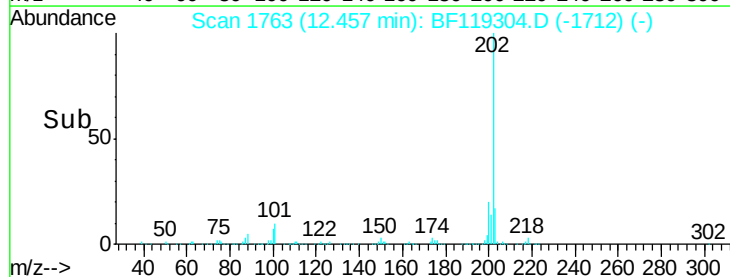
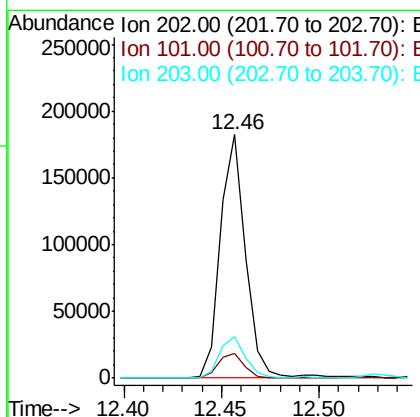
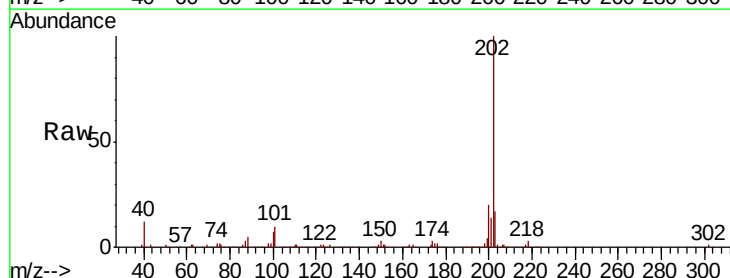
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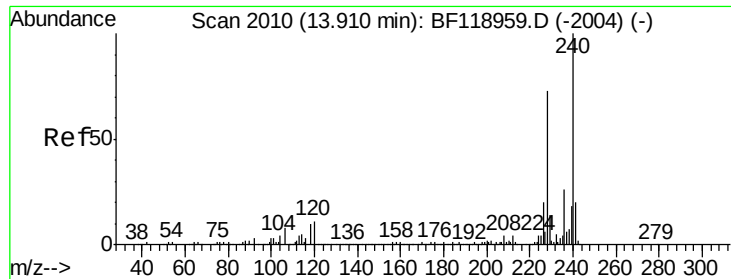
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#75
Fluoranthene
Concen: 8.743 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BF119304.D
Acq: 10 Mar 2020 1:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.3
203	17.2	0.0	38.4





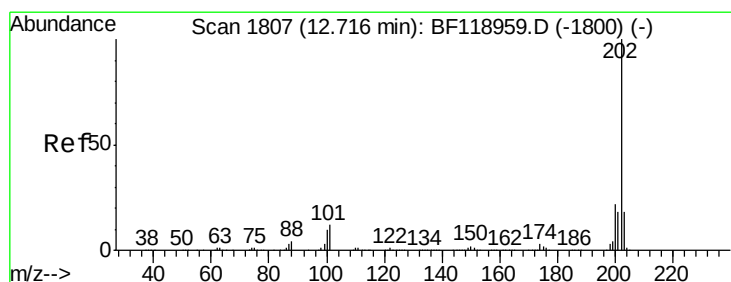
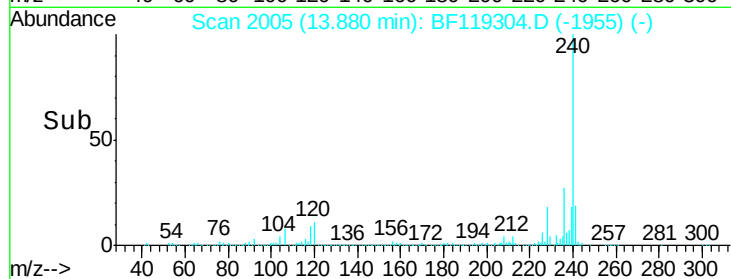
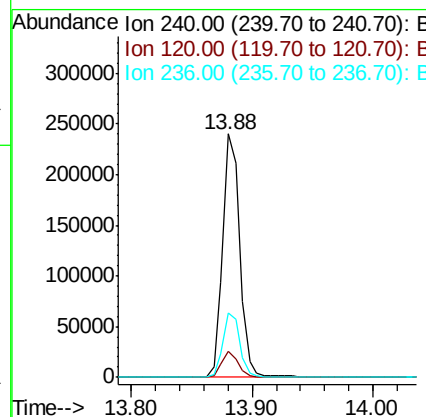
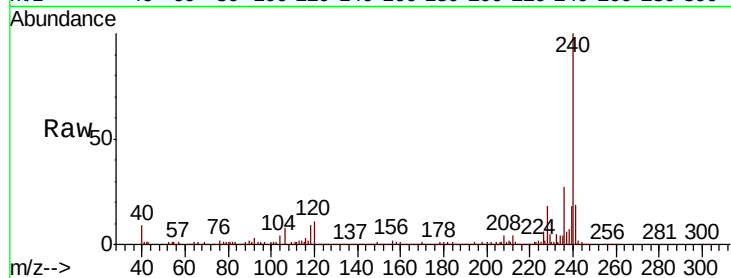
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF119304.D
 Acq: 10 Mar 2020 1:23

Instrument :
 BNA_F
 ClientSampleId :
 S7

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.4	12.6
236	26.5	21.0	31.4

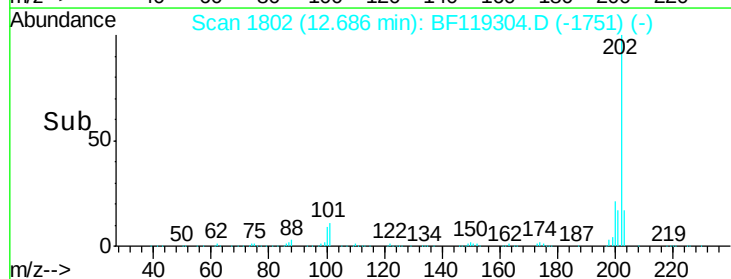
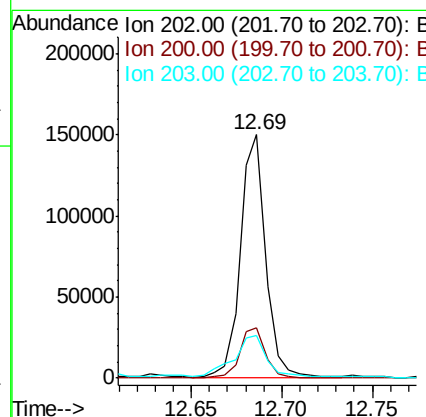
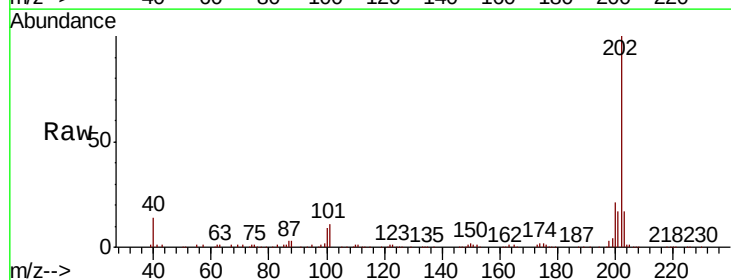
Manual Integrations
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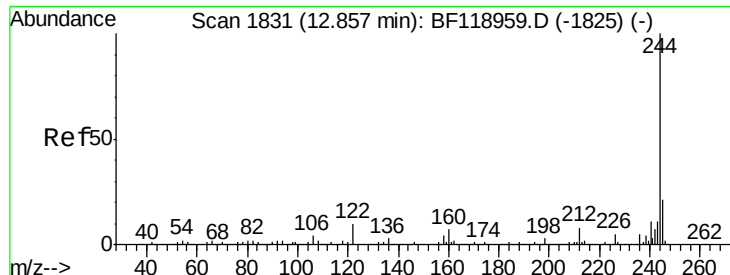
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#78
 Pyrene
 Concen: 7.652 ng
 RT: 12.69 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BF119304.D
 Acq: 10 Mar 2020 1:23

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	18.0	27.0
203	17.5	14.6	22.0





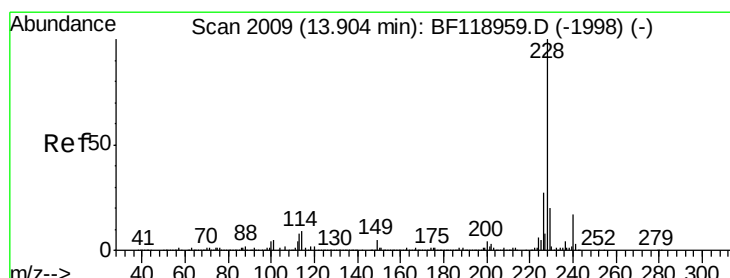
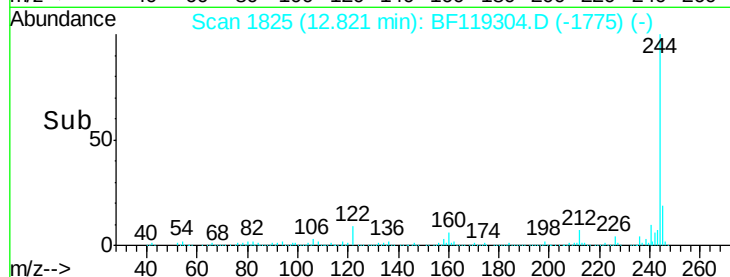
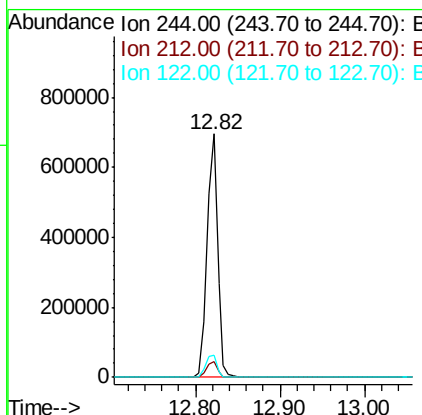
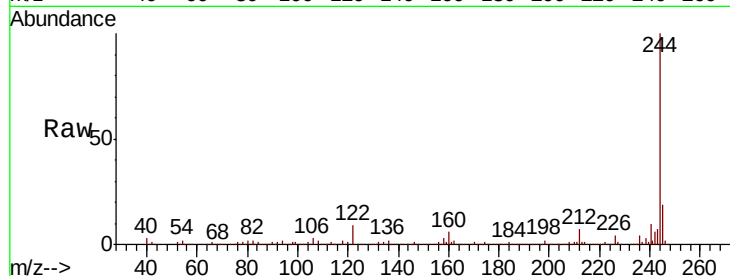
#79
 Terphenyl-d14
 Concen: 44.786 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF119304.D
 Acq: 10 Mar 2020 1:23

Instrument :
 BNA_F
 ClientSampleId :
 S7

Tot Ion	Ratio	Resp	Lower	Upper
244	100	610148		
212	6.7	6.6	10.0	
122	8.9	8.2	12.2	

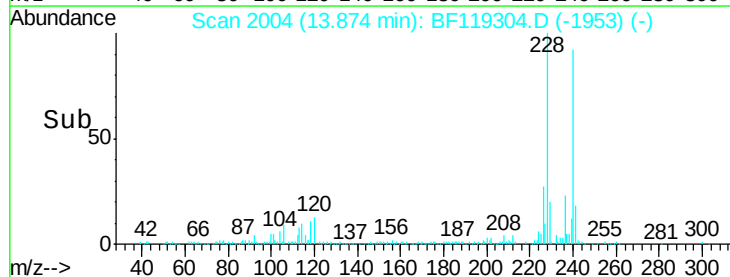
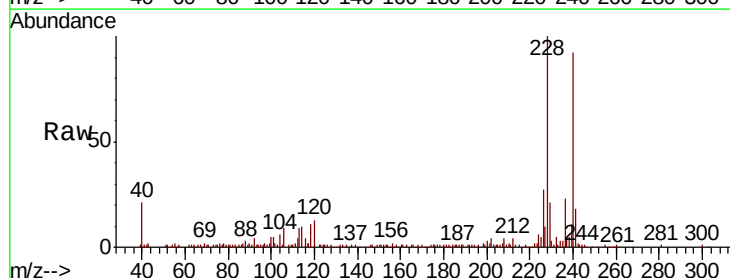
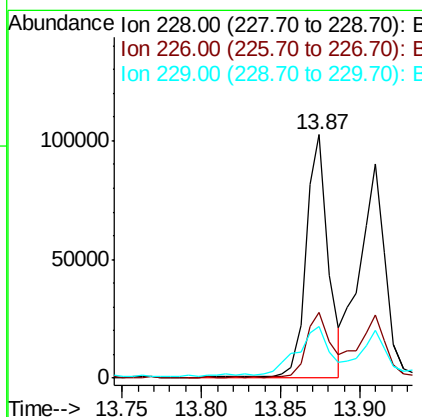
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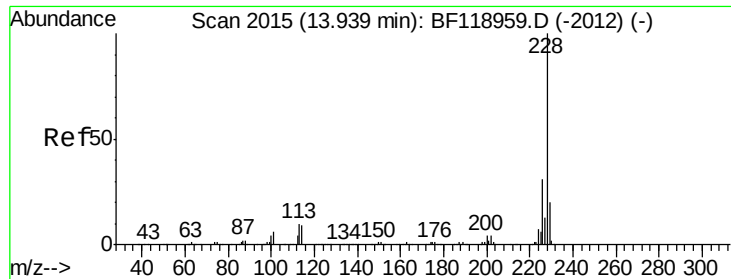
mohammad
 3/10/2020 2:44:42 PM



#81
 Benzo(a)anthracene
 Concen: 6.118 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: BF119304.D
 Acq: 10 Mar 2020 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	97779		
226	27.1	22.6	33.8	
229	21.0	16.6	24.8	





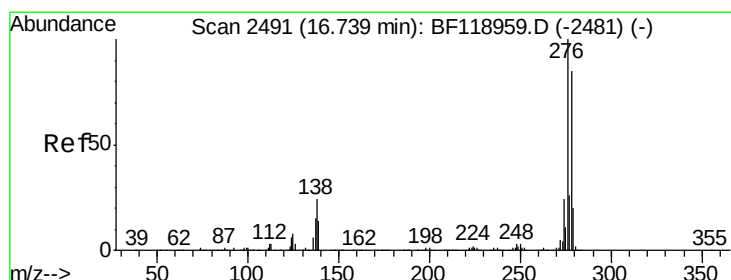
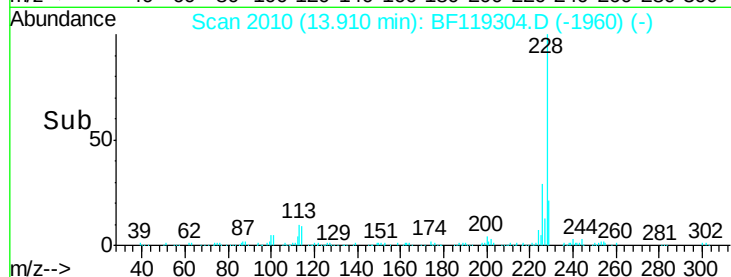
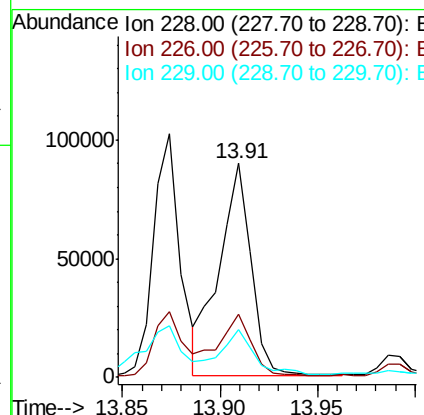
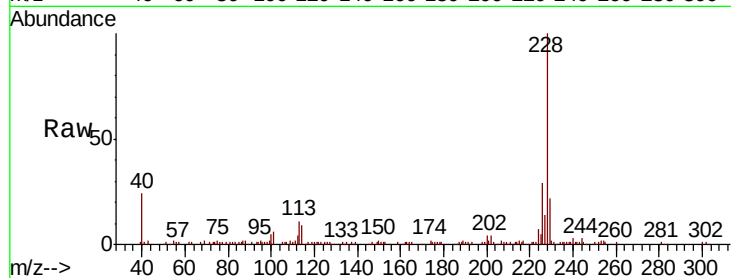
#83
Chrysene
Concen: 6.455 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF119304.D
Acq: 10 Mar 2020 1:23

Instrument :
BNA_F
ClientSampled :
S7

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

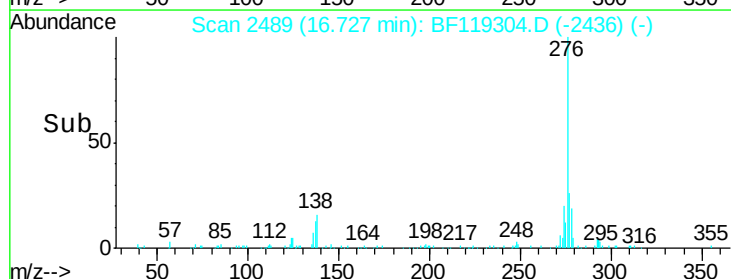
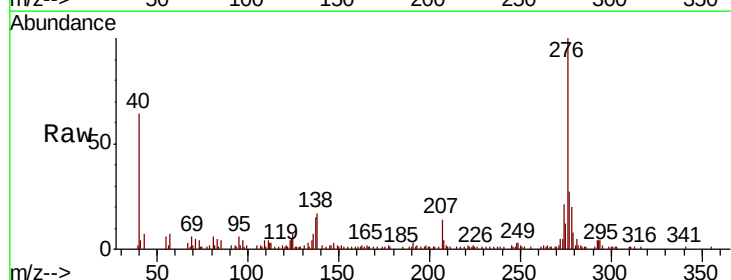
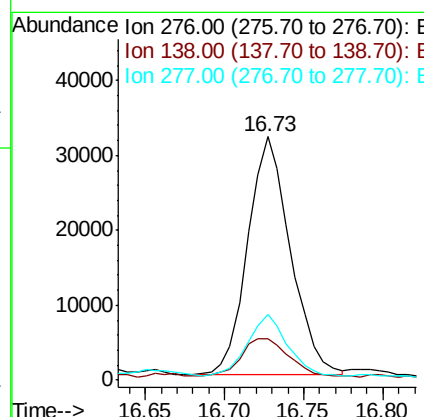
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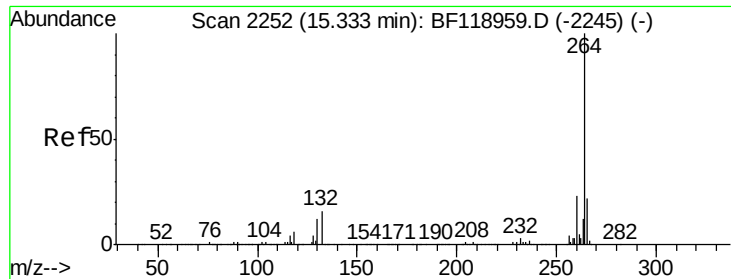
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 3.857 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.01 min
Lab File: BF119304.D
Acq: 10 Mar 2020 1:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.2	17.4	26.0
277	24.5	20.3	30.5





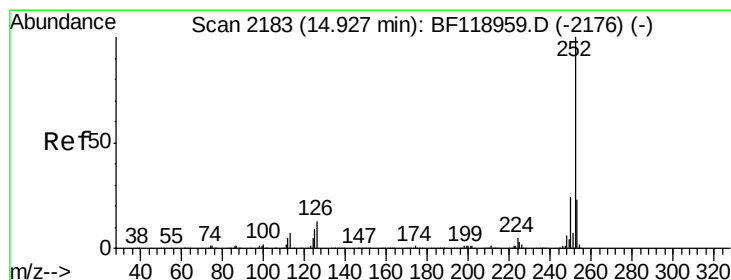
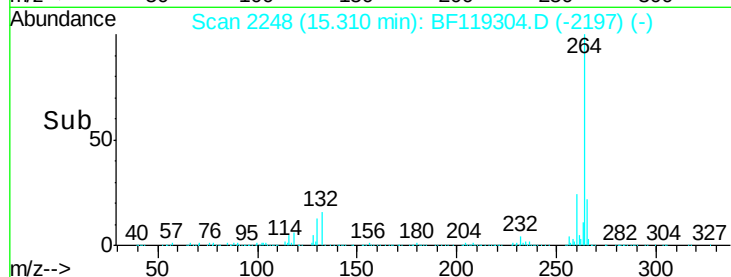
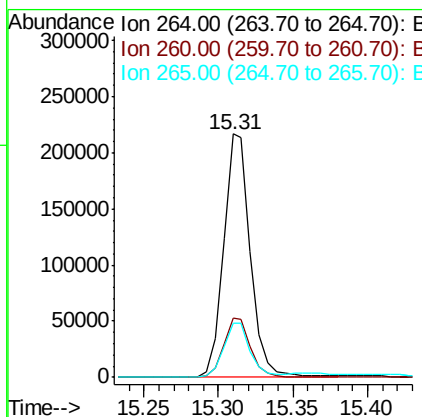
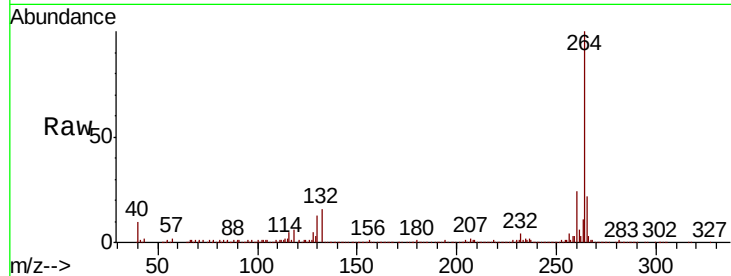
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF119304.D
Acq: 10 Mar 2020 1:23

Instrument :
BNA_F
ClientSampled :
S7

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.3	17.7	26.5

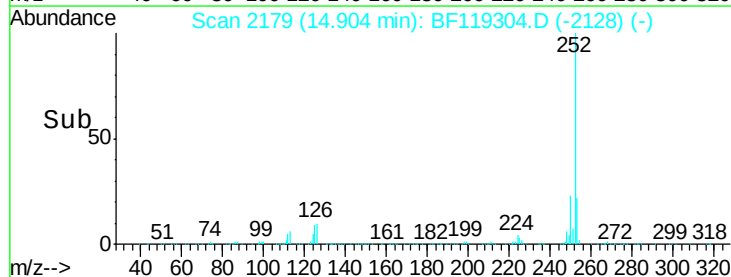
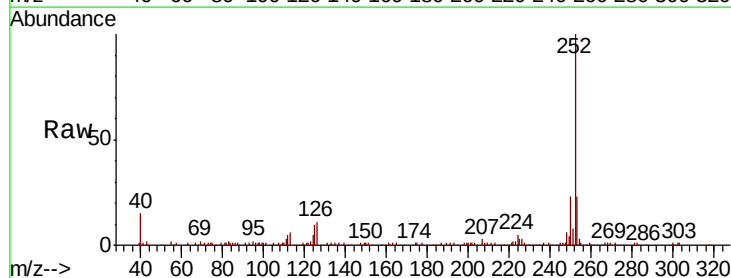
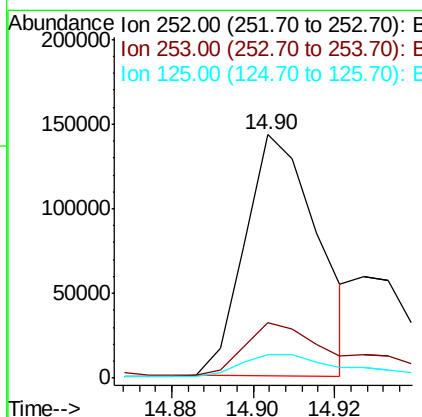
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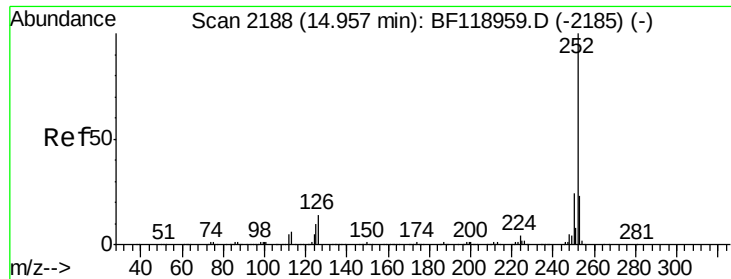
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#88
Benzo(b)fluoranthene
Concen: 9.884 ng m
RT: 14.90 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BF119304.D
Acq: 10 Mar 2020 1:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	9.5	7.4	11.0





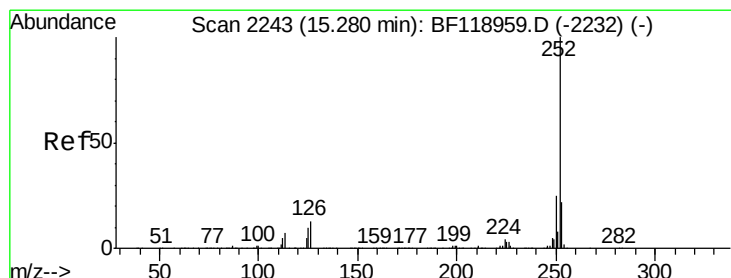
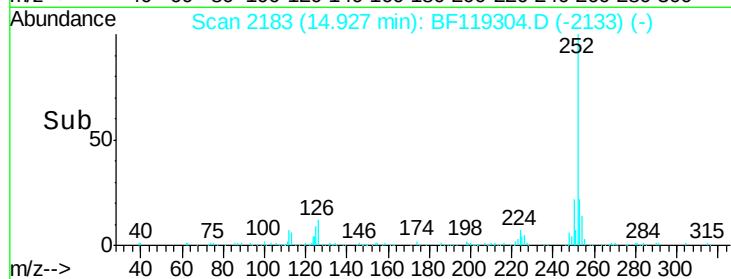
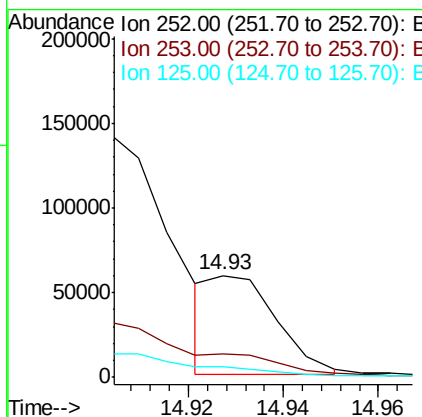
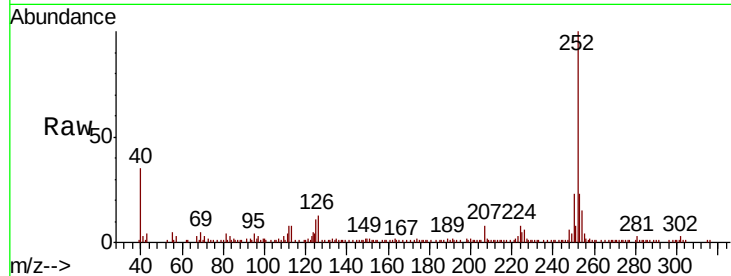
#89
Benzo(k)fluoranthene
Concen: 3.404 ng m
RT: 14.93 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BF119304.D
Acq: 10 Mar 2020 1:23

Instrument :
BNA_F
ClientSampleId :
S7

Tot Ion:	252	Resp:	56570
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.8	26.8
125	11.0	7.5	11.3

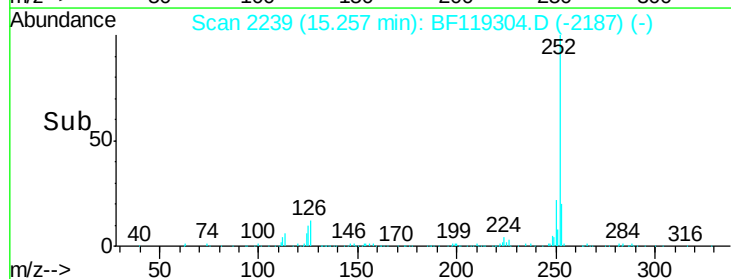
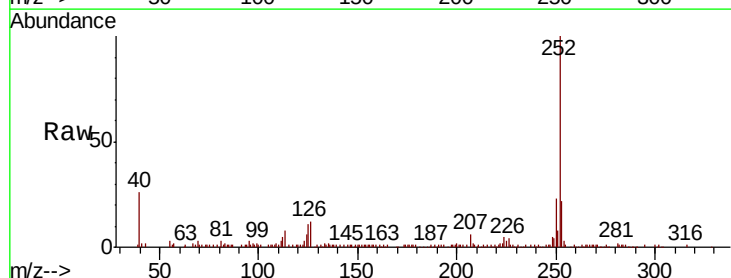
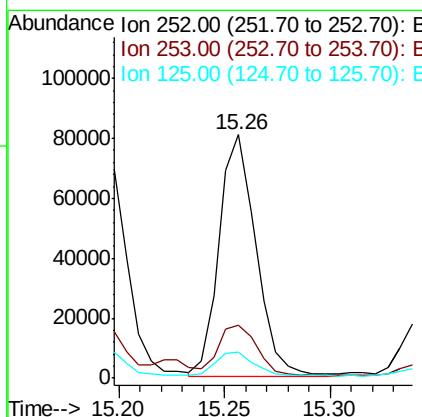
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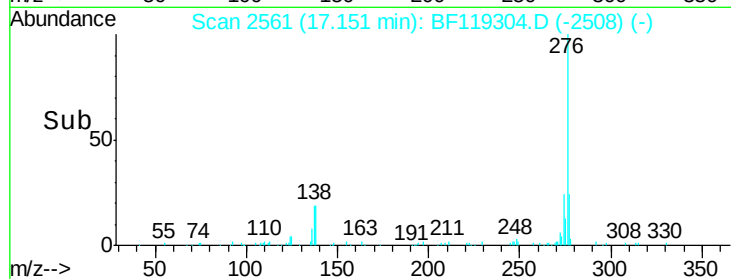
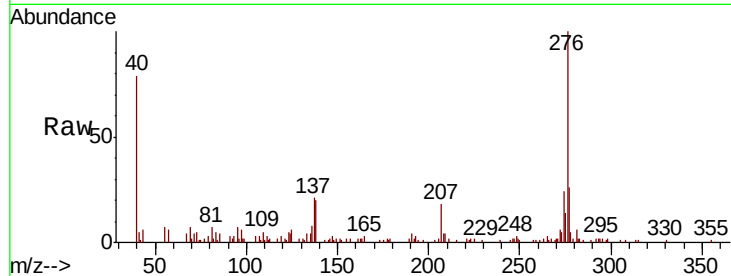
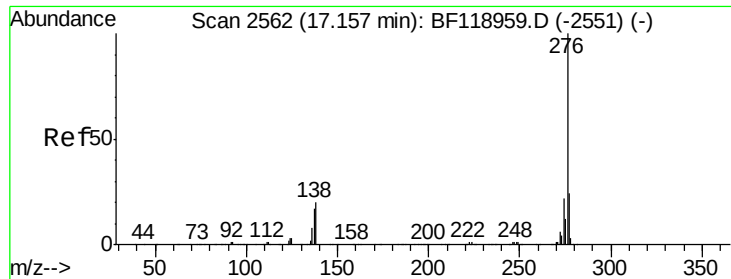
mohammad
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#90
Benzo(a)pyrene
Concen: 6.019 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF119304.D
Acq: 10 Mar 2020 1:23

Tgt Ion:	252	Resp:	97401
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.0	27.0
125	10.7	8.6	12.8





#92

Benzo(a,h,i)perylene

Concen: 3.859 ng

RT: 17.15 min Scan# 2561

Delta R.T. 0.01 min

Lab File: BF119304.D

Acq: 10 Mar 2020 1:23

Instrument :

BNA_F

ClientSampleId :

S7

Tot Ion: 276 Resp: 54292

Ion Ratio Lower Upper

276 100

277 25.6 18.7 28.1

138 20.3 14.3 21.5

Manual Integrations

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