

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
 Data File : BF119178.D
 Acq On : 2 Mar 2020 19:51
 Operator : CG/JU
 Sample : L1735-01 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-009-A

Manual Integrations
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Quant Time: Mar 03 08:17:18 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	6.73	152	116476	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	431239	20.00	ng	-0.02
39) Acenaphthene-d10	9.77	164	212164	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	343402	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	283708	20.00	ng	-0.01
87) Perylene-d12	15.32	264	222342	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	42917	6.16	ng	0.00
7) Phenol-d6	6.39	99	104052	12.28	ng	-0.02
23) Nitrobenzene-d5	7.30	82	76617	9.38	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	1236	0.45	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	167802	11.65	ng	-0.02
79) Terphenyl-d14	12.83	244	179453	10.89	ng	-0.02
Target Compounds						
71) Phenanthrene	11.27	178	135060	7.212	ng	97
75) Fluoranthene	12.46	202	137219	6.903	ng	99
78) Pyrene	12.69	202	122677	5.385	ng	96
81) Benzo(a)anthracene	13.88	228	55386	2.865	ng	# 95
83) Chrysene	13.92	228	55529	2.883	ng	# 94
88) Benzo(b)fluoranthene	14.92	252	56821m	3.877	ng	
90) Benzo(a)pyrene	15.26	252	31047	2.347	ng	# 79

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

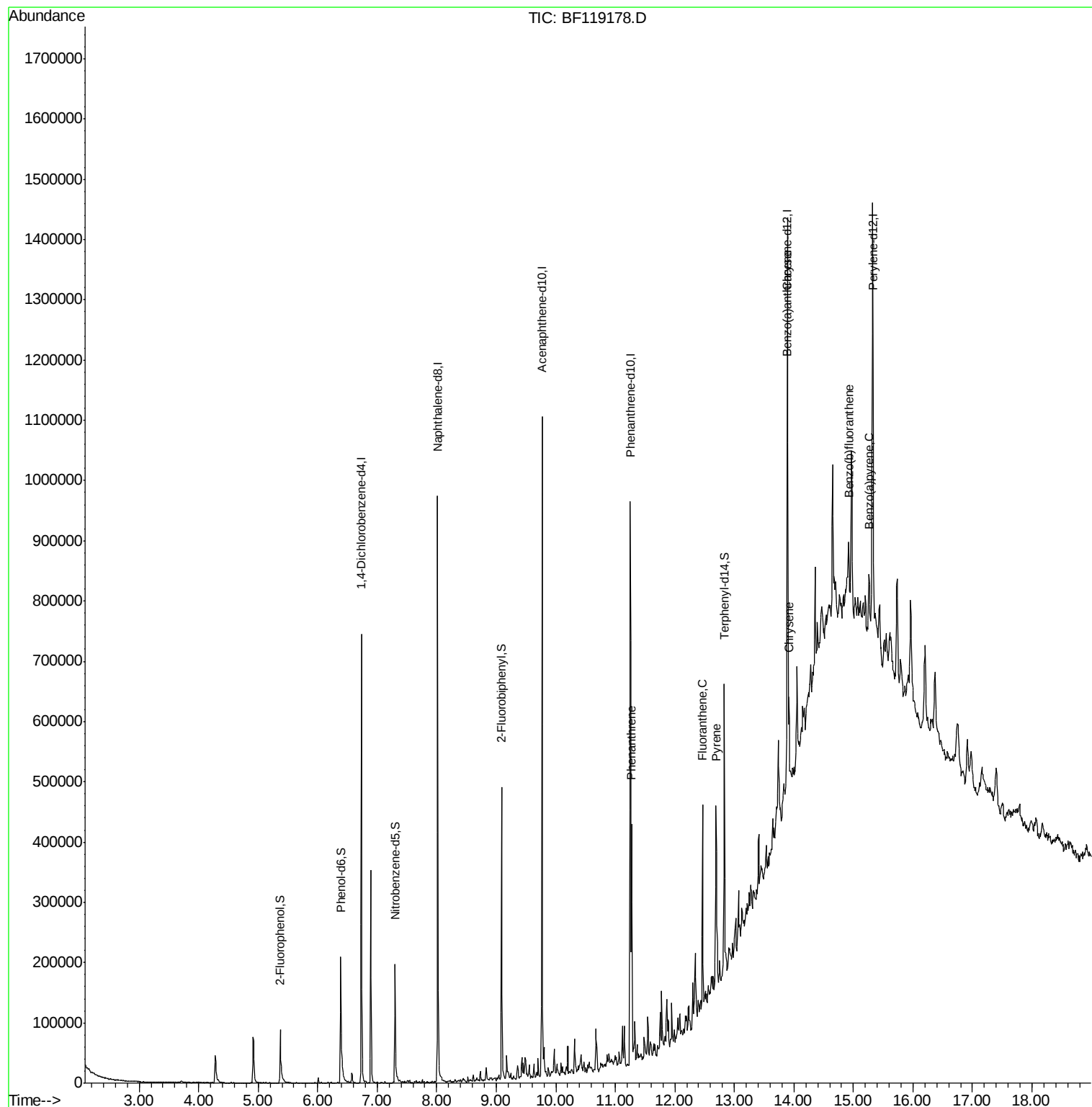
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
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Operator : CG/JU
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Quant Time: Mar 03 08:17:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration





#1

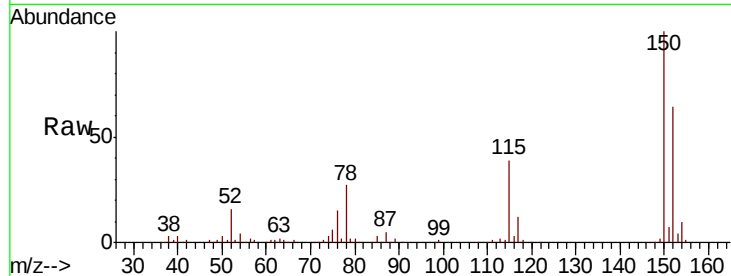
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119178.D
Acq: 2 Mar 2020 19:51

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-009-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	123.0	184.6
115	61.5	49.5	74.3

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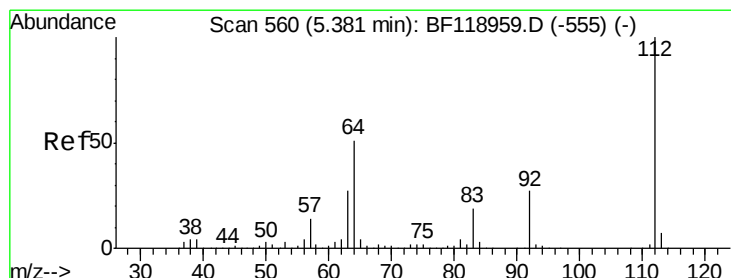
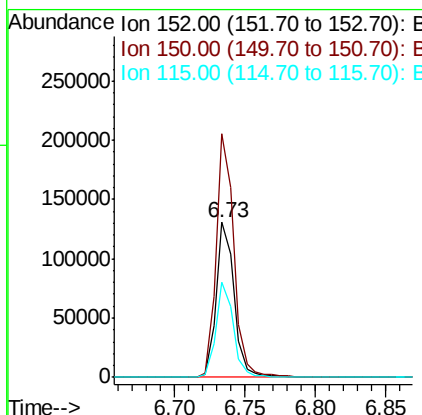
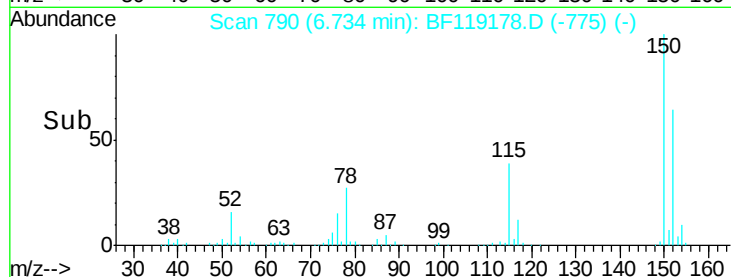
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

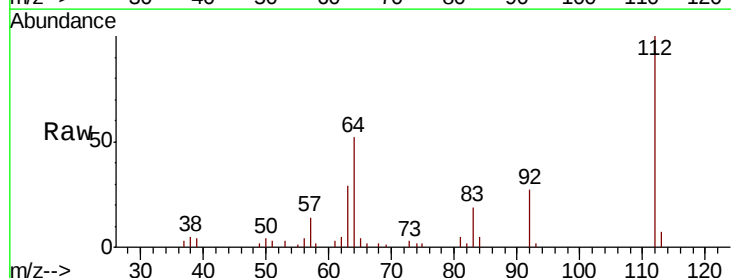
Time-->



#5

2-Fluorophenol
Concen: 6.158 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF119178.D
Acq: 2 Mar 2020 19:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.8	45.0	67.4
63	29.5	24.2	36.4



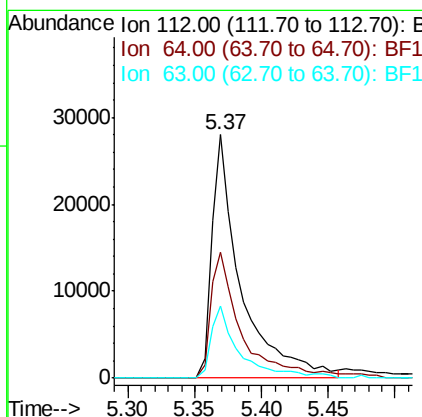
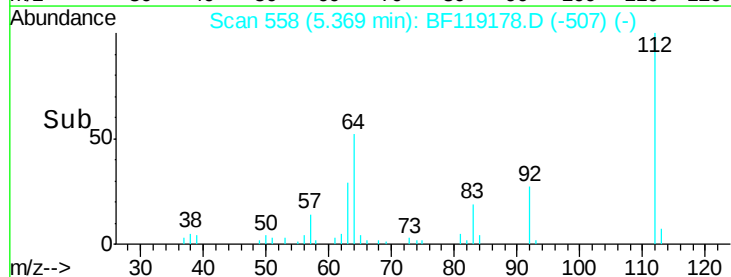
Abundance

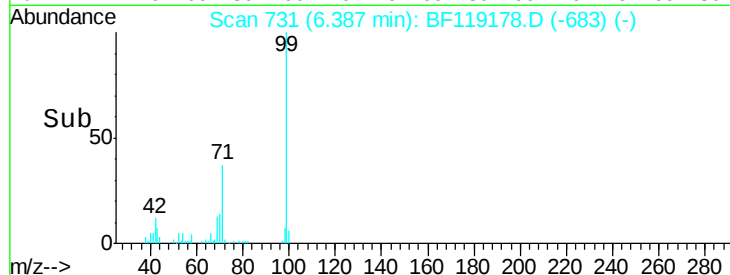
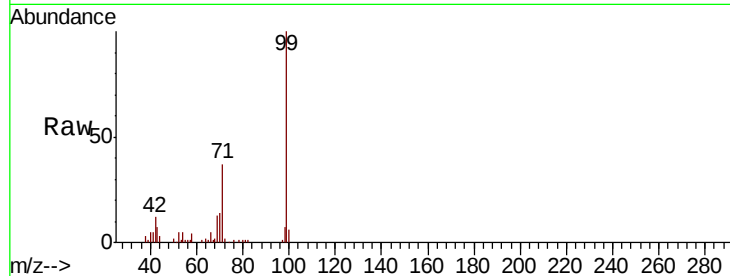
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->





#7

Phenol-d6

Concen: 12.275 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119178.D

Acq: 2 Mar 2020 19:51

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		104052		
42	12.5	12.6	18.8#		
71	37.5	31.0	46.4		

Instrument :

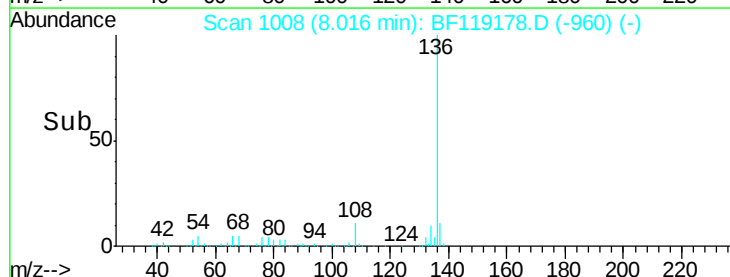
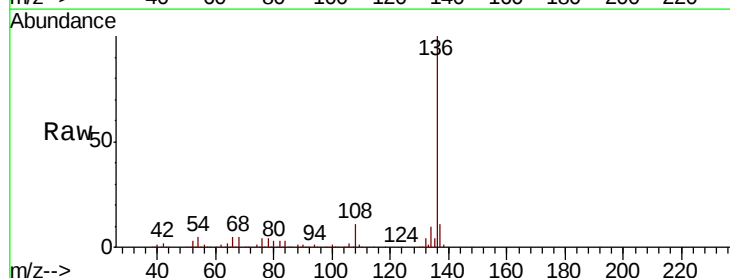
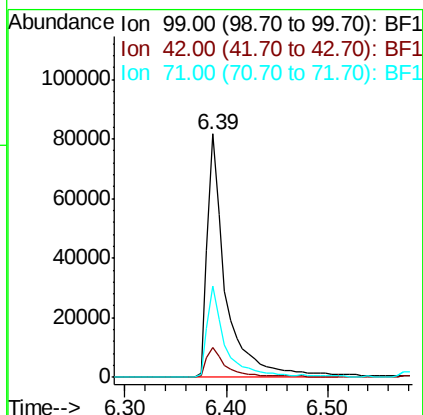
BNA_F

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#21

Naphthalene-d8

Concen: 20.000 ng

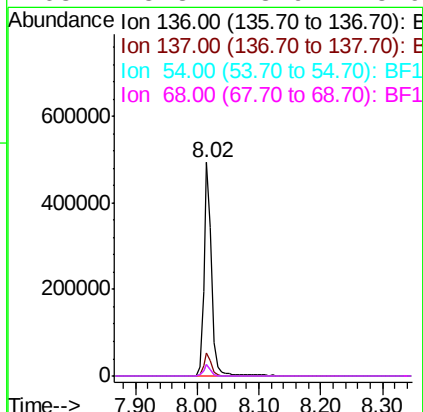
RT: 8.02 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF119178.D

Acq: 2 Mar 2020 19:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		431239		
137	10.9	8.8	13.2		
54	5.5	3.8	5.6		
68	5.3	3.9	5.9		





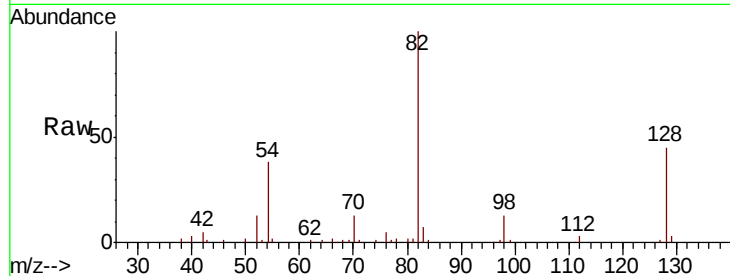
#23
 Nitrobenzene-d5
 Concen: 9.381 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF119178.D
 Acq: 2 Mar 2020 19:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-009-A

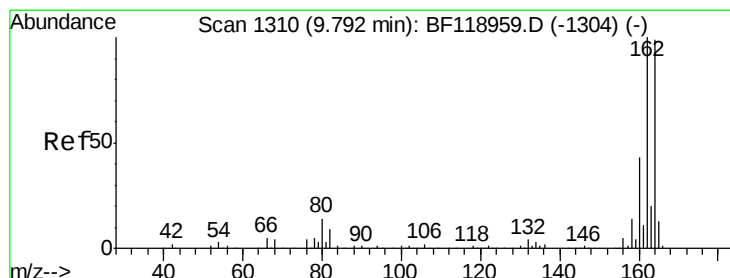
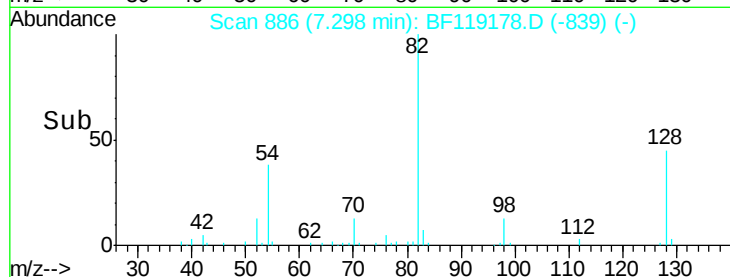
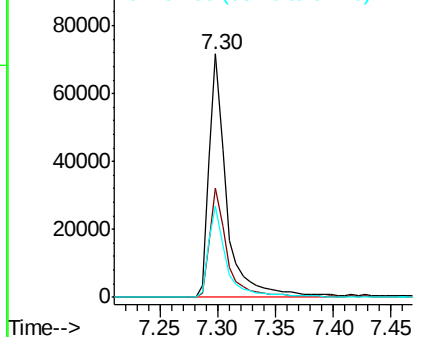
Tot Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	45.0	37.9	56.9		
54	37.7	33.4	50.2		

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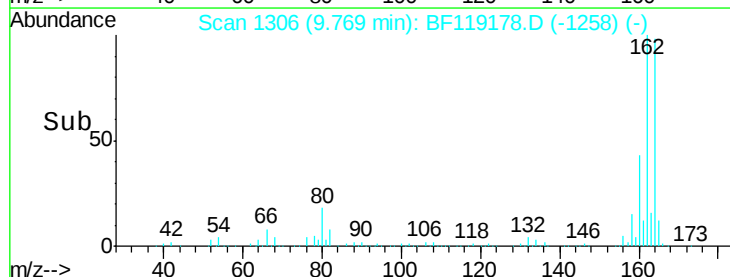
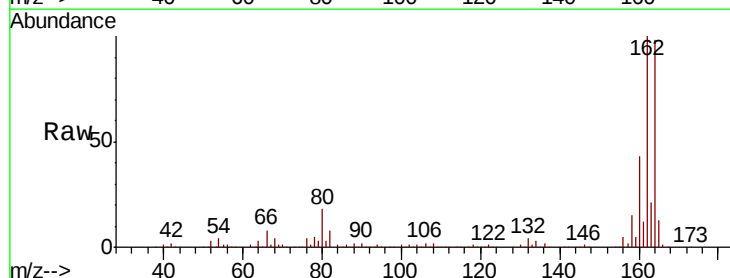
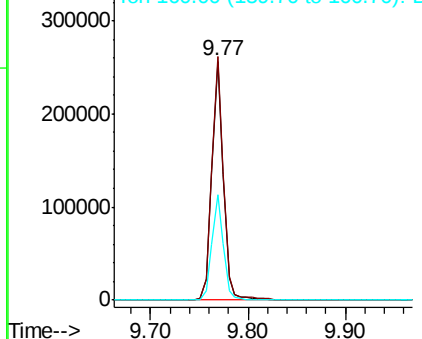
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF119178.D
 Acq: 2 Mar 2020 19:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100				
162	102.1	81.8	122.8		
160	44.2	36.0	54.0		

Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





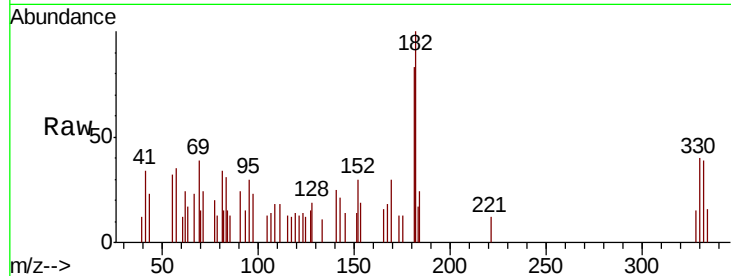
#42
 2,4,6-Tribromophenol
 Concen: 0.445 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF119178.D
 Acq: 2 Mar 2020 19:51

Instrument :
 BNA_F
 ClientSampleId :
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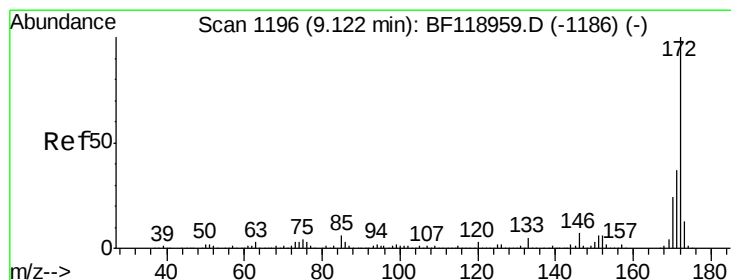
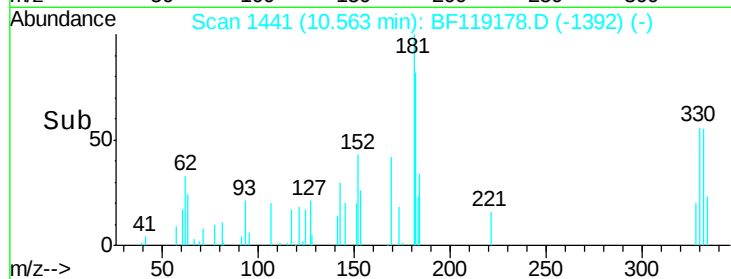
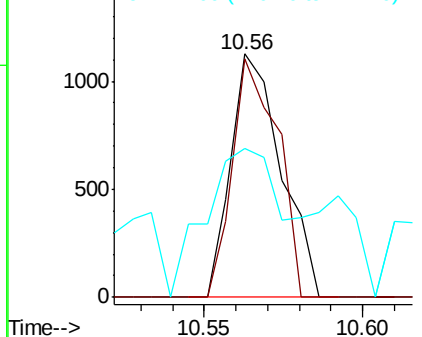
Tot Ion	Ratio	Lower	Upper
330	100		
332	88.1	76.0	114.0
141	96.4	22.9	34.3#

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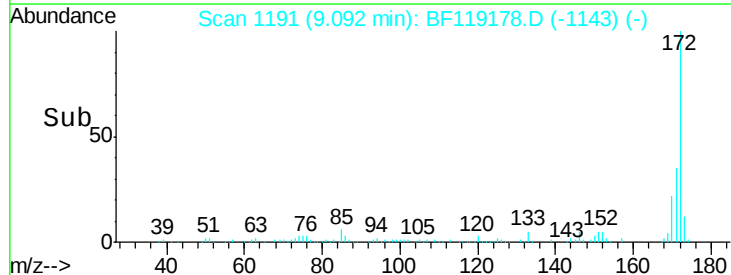
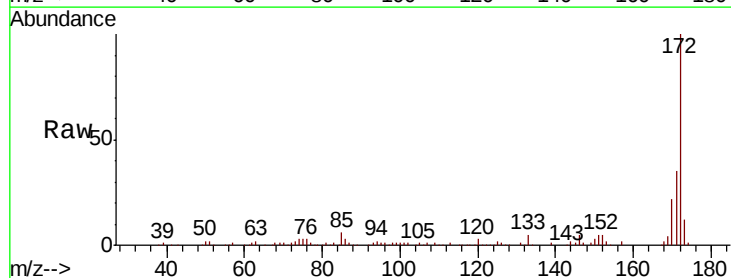
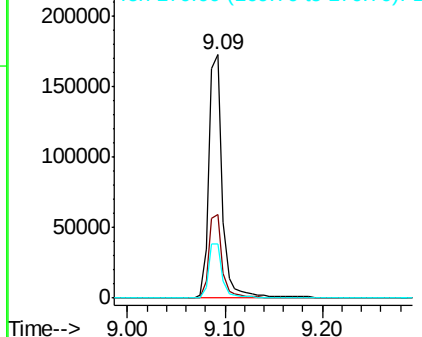
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

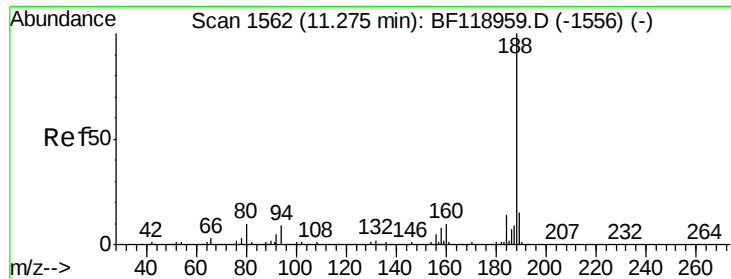


#45
 2-Fluorobiphenyl
 Concen: 11.651 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF119178.D
 Acq: 2 Mar 2020 19:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.6	45.8
170	22.4	20.2	30.2

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





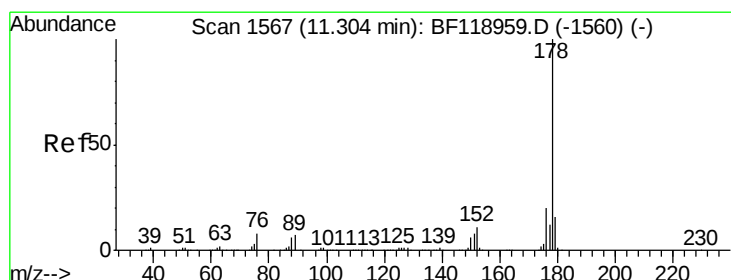
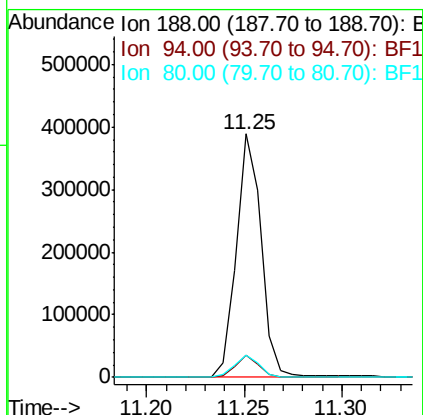
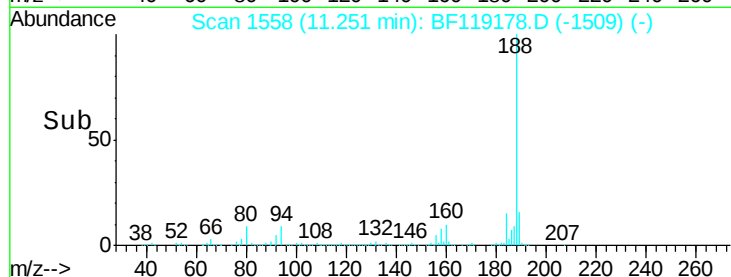
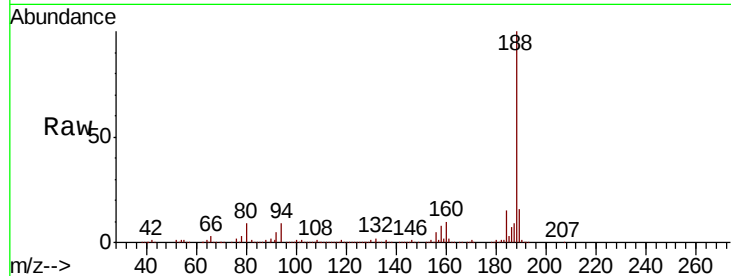
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF119178.D
Acq: 2 Mar 2020 19:51

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
188	100	343402		
94	9.0		7.1	10.7
80	9.0		7.8	11.8

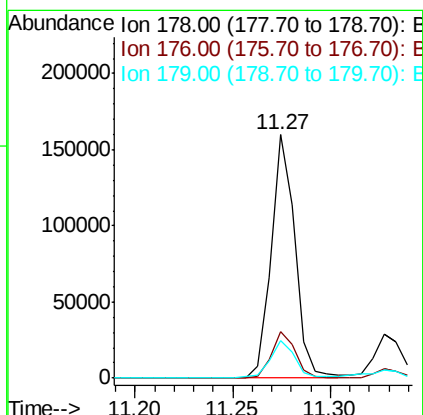
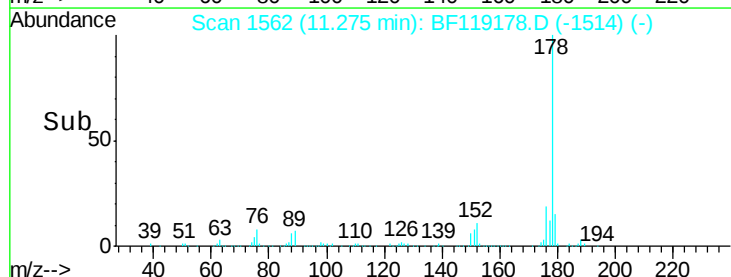
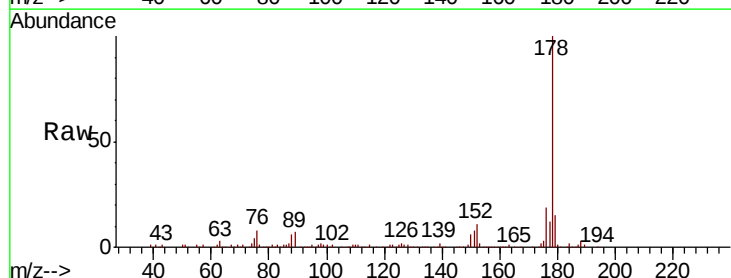
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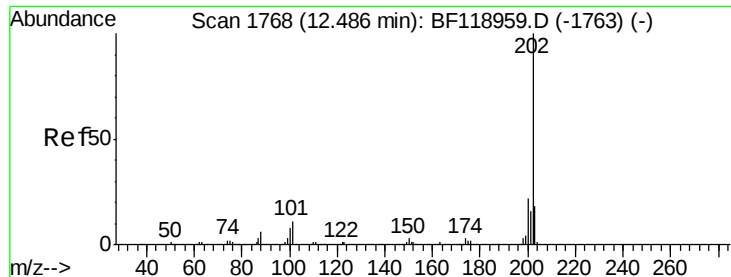
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#71
Phenanthrene
Concen: 7.212 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF119178.D
Acq: 2 Mar 2020 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	135060		
176	19.2		16.5	24.7
179	15.5		13.0	19.6





#75

Fluoranthene

Concen: 6.903 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.02 min

Lab File: BF119178.D

Acq: 2 Mar 2020 19:51

Instrument :

BNA_F

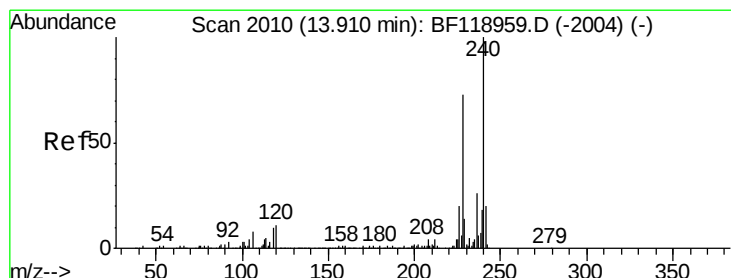
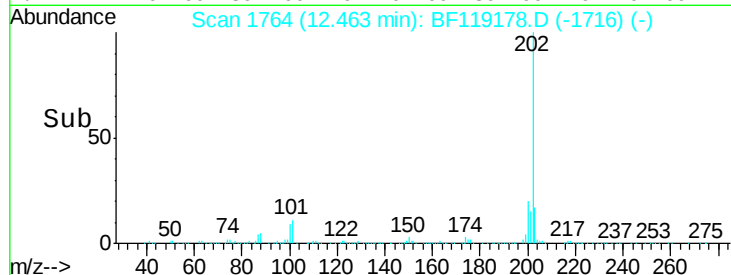
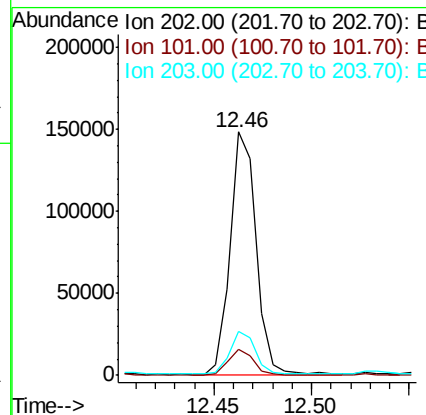
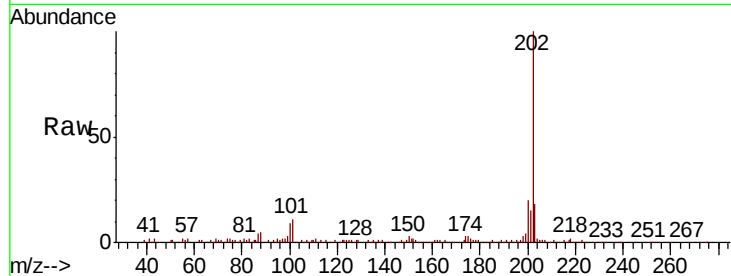
ClientSampleId :

FK-SF-01-009-A

Tot Ion:	202	Resp:	137219
Ion Ratio		Lower	Upper
202	100		
101	10.6	0.0	30.3
203	17.8	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

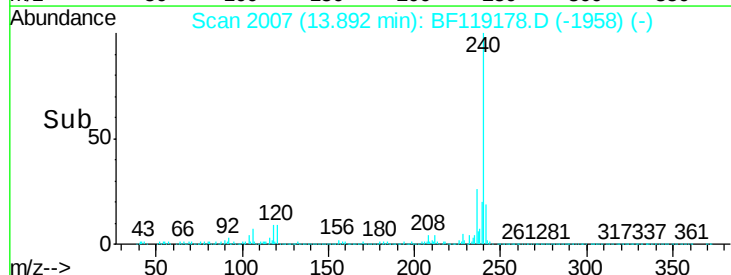
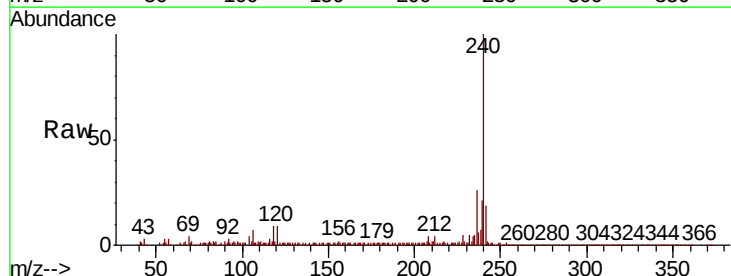
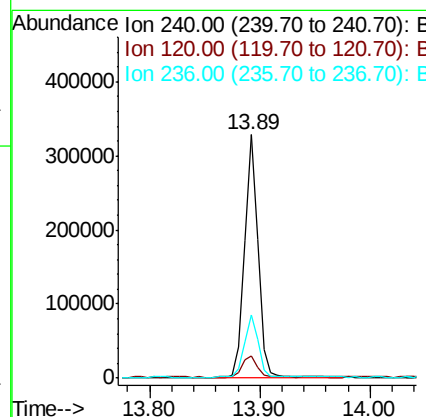
RT: 13.89 min Scan# 2007

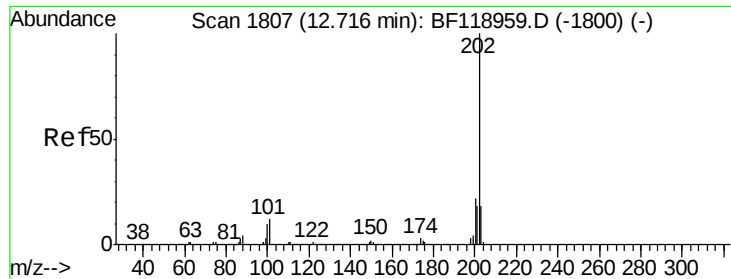
Delta R.T. -0.01 min

Lab File: BF119178.D

Acq: 2 Mar 2020 19:51

Tgt Ion:	240	Resp:	283708
Ion Ratio		Lower	Upper
240	100		
120	9.3	8.4	12.6
236	26.2	21.0	31.4





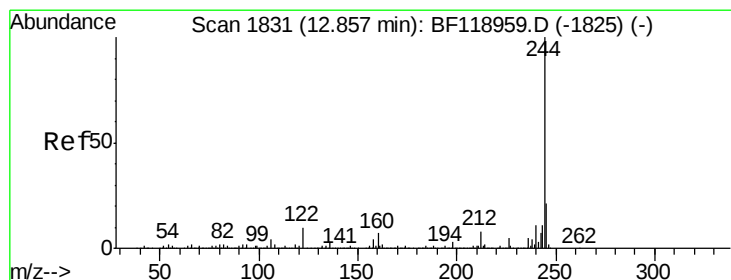
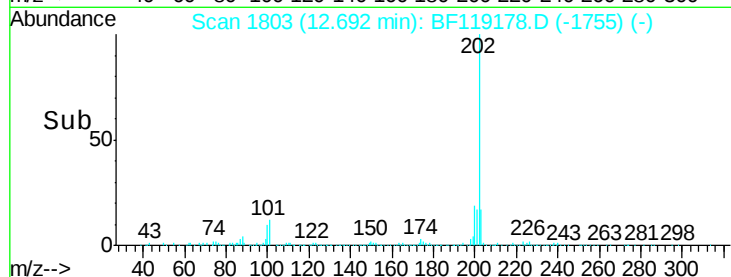
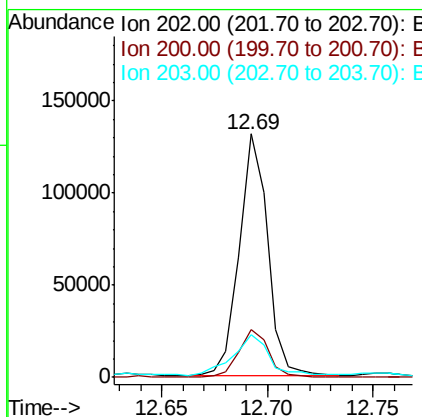
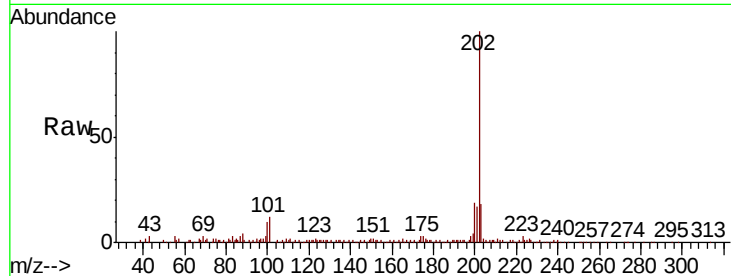
#78
Pvrene
Concen: 5.385 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BF119178.D
Acq: 2 Mar 2020 19:51

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-009-A

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	19.5	18.0	27.0
203	17.6	14.6	22.0

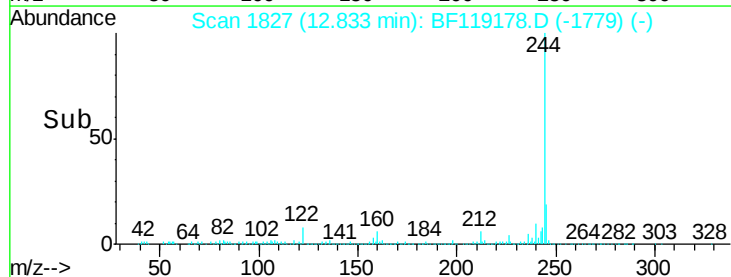
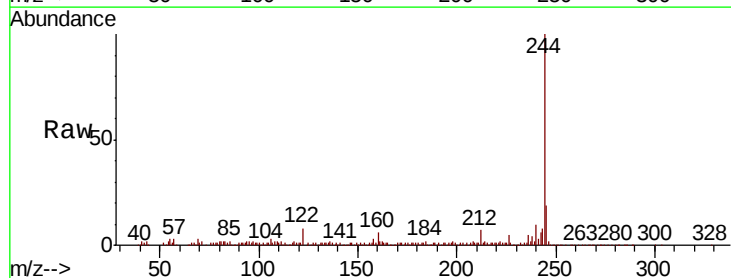
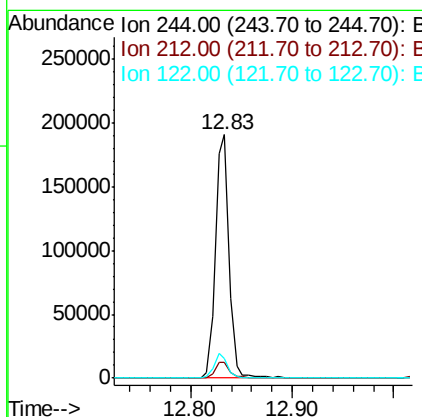
Manual Integrations
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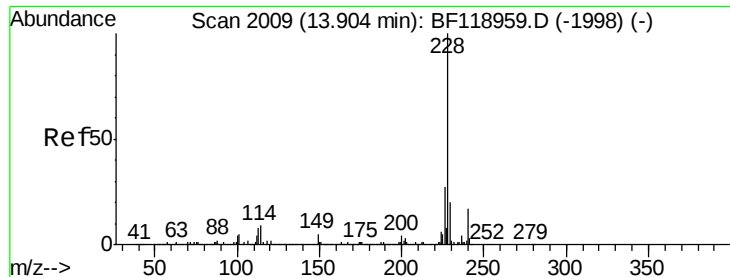
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#79
Terphenyl-d14
Concen: 10.890 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF119178.D
Acq: 2 Mar 2020 19:51

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	6.6	10.0#
122	8.3	8.2	12.2





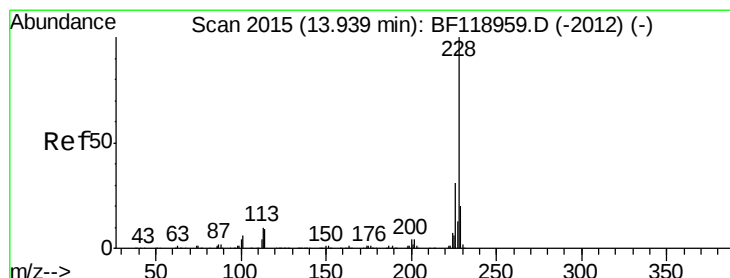
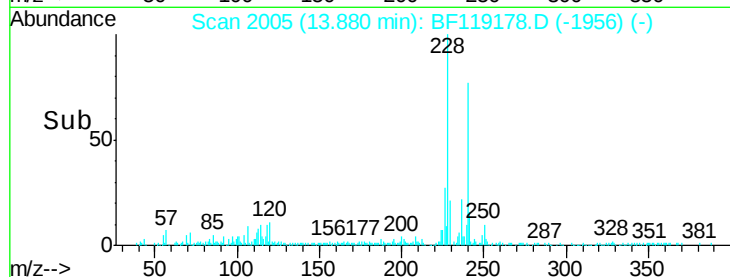
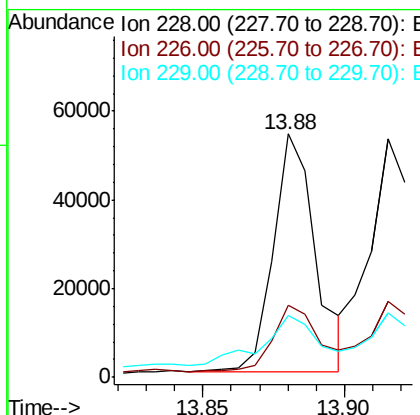
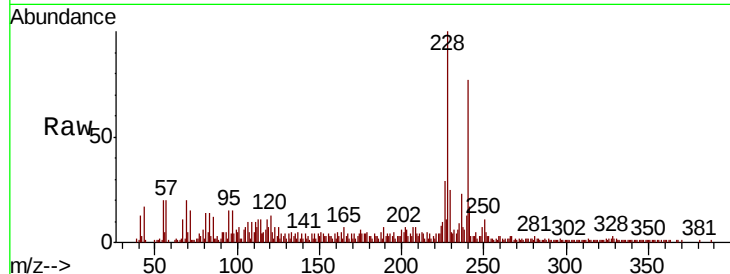
#81
Benzo(a)anthracene
Concen: 2.865 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF119178.D
Acq: 2 Mar 2020 19:51

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-009-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	25.3	16.6	24.8

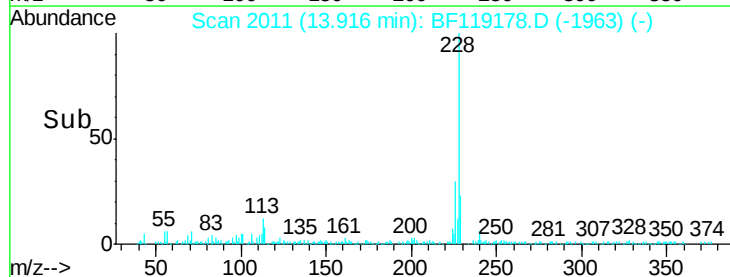
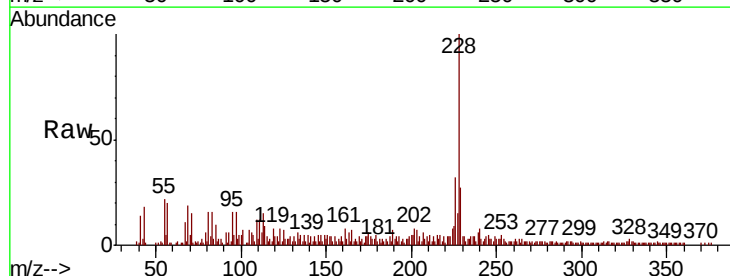
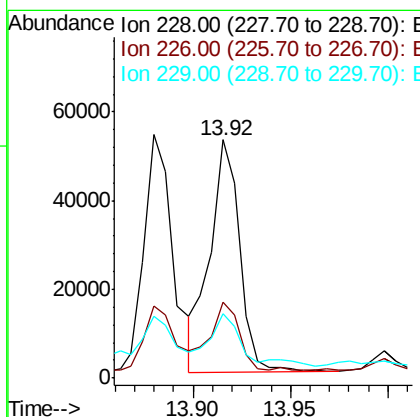
Manual Integrations
APPROVED

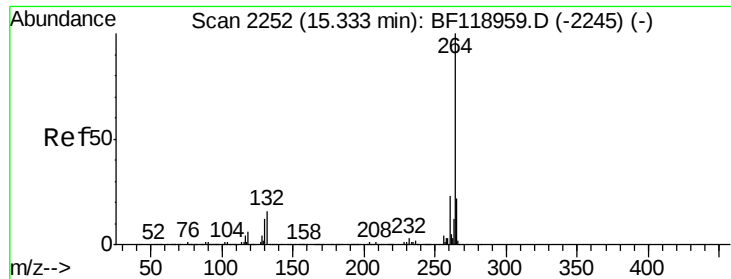
mohammad
3/3/2020 12:26:05 PM



#83
Chrysene
Concen: 2.883 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.02 min
Lab File: BF119178.D
Acq: 2 Mar 2020 19:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.1	37.7
229	26.9	16.3	24.5





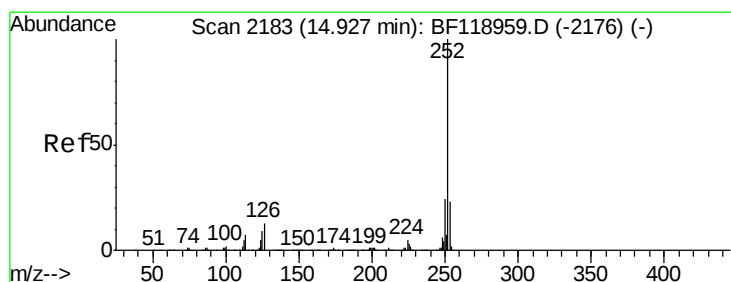
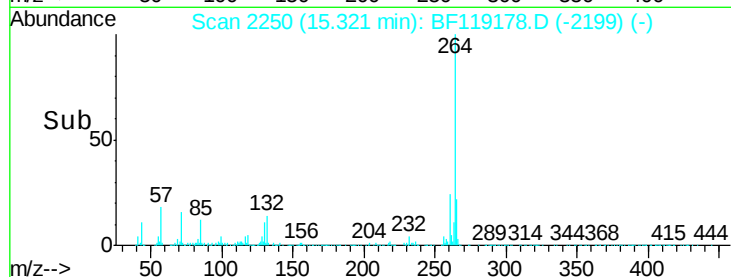
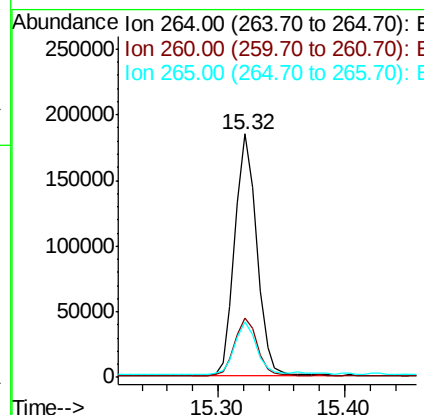
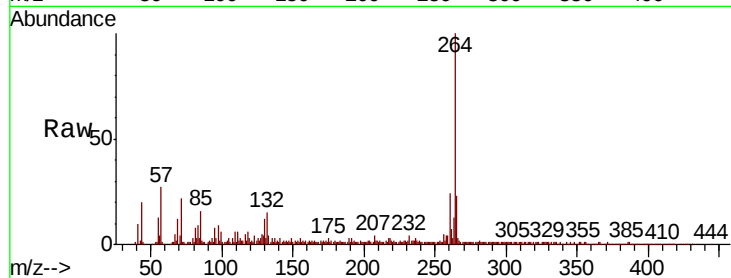
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.00 min
Lab File: BF119178.D
Acq: 2 Mar 2020 19:51

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-009-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	22.6	17.7	26.5

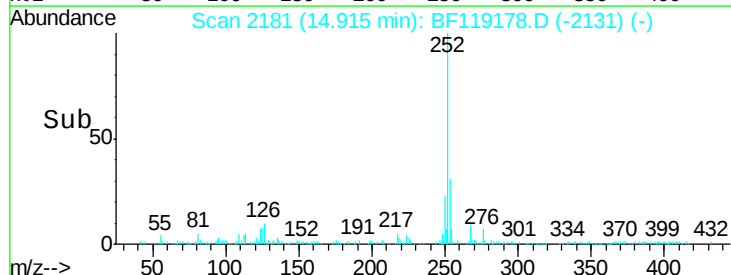
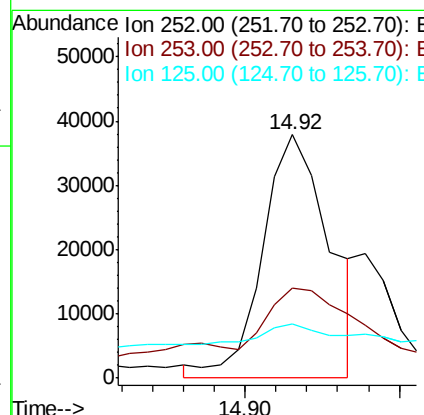
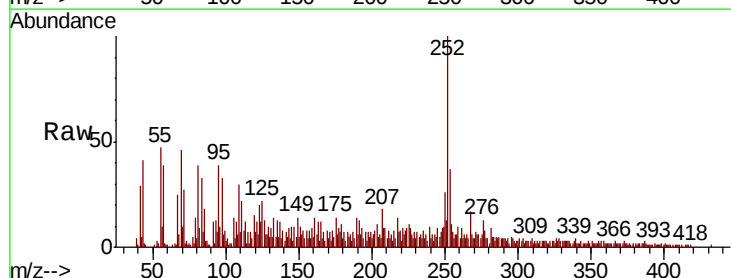
Manual Integrations
APPROVED

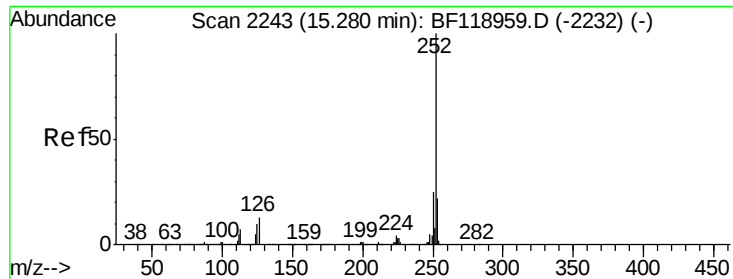
mohammad
3/3/2020 12:26:05 PM



#88
Benzo(b)fluoranthene
Concen: 3.877 ng m
RT: 14.92 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BF119178.D
Acq: 2 Mar 2020 19:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.8	18.1	27.1#
125	22.4	7.4	11.0#





#90
Benzo(a)pyrene
Concen: 2.347 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF119178.D
Acq: 2 Mar 2020 19:51

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-009-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.7	18.0	27.0#
125	26.3	8.6	12.8#

Manual Integrations
APPROVED

mohammad
3/3/2020 12:26:05 PM

