

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
 Data File : BF119179.D
 Acq On : 2 Mar 2020 20:21
 Operator : CG/JU
 Sample : L1735-03 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Mar 03 08:19:59 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	124552	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	477713	20.00	ng	-0.02
39) Acenaphthene-d10	9.77	164	229881	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	380394	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	297448	20.00	ng	-0.01
87) Perylene-d12	15.32	264	226888	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	25882	3.47	ng	0.00
7) Phenol-d6	6.39	99	87432	9.65	ng	-0.02
23) Nitrobenzene-d5	7.30	82	69310	7.66	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	522	0.17	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	153752	9.85	ng	-0.02
79) Terphenyl-d14	12.83	244	164102	9.50	ng	-0.02
Target Compounds						
71) Phenanthrene	11.27	178	160212	7.723	ng	Qvalue 97
75) Fluoranthene	12.47	202	196237	8.912	ng	97
78) Pyrene	12.69	202	167752	7.023	ng	96
81) Benzo(a)anthracene	13.88	228	78065	3.852	ng	98
83) Chrysene	13.92	228	76873	3.807	ng	96
88) Benzo(b)fluoranthene	14.92	252	73271m	4.899	ng	
90) Benzo(a)pyrene	15.26	252	40659	3.012	ng	# 78

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

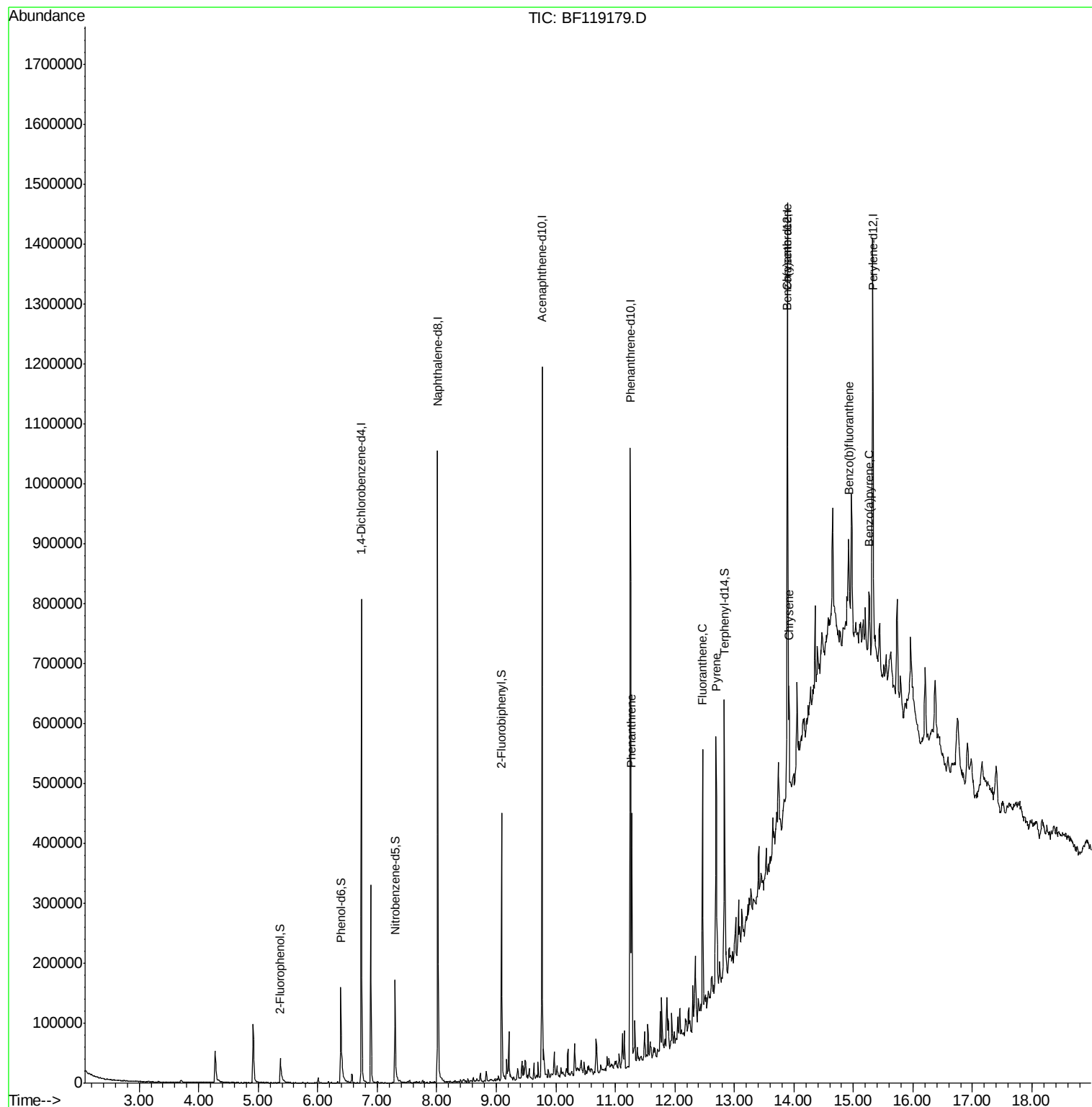
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119179.D
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Misc :
ALS Vial : 12 Sample Multiplier: 1

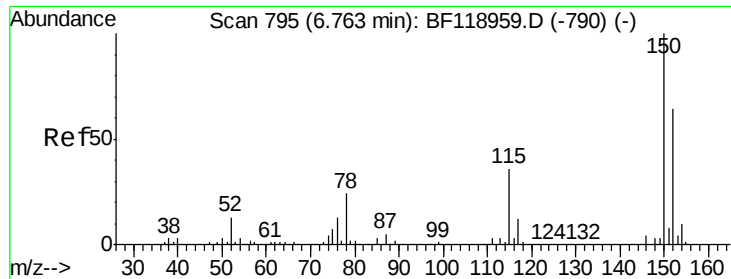
Instrument :
BNA_F
ClientSampleId :
FK-SF-01-009-B

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Quant Time: Mar 03 08:19:59 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





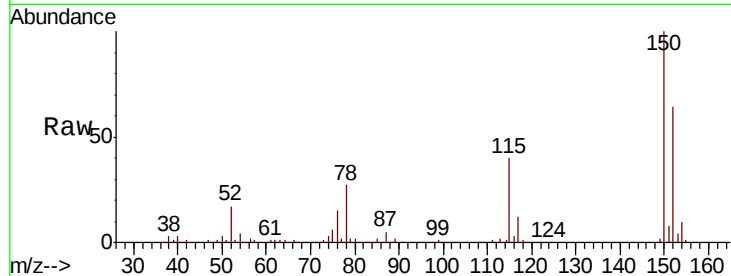
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF119179.D
 Acq: 2 Mar 2020 20:21

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.0	184.6
115	62.4	49.5	74.3

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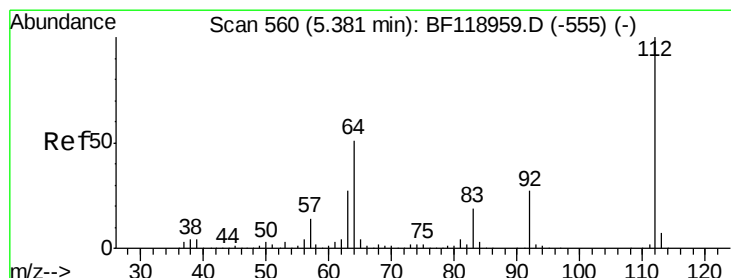
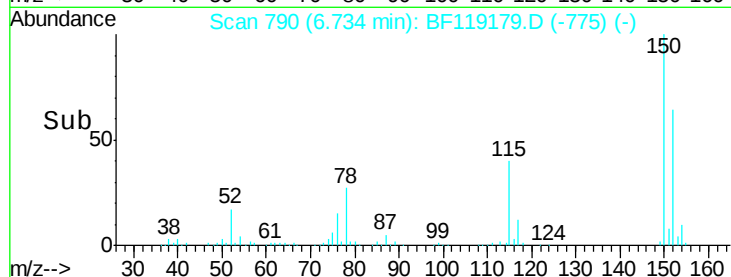
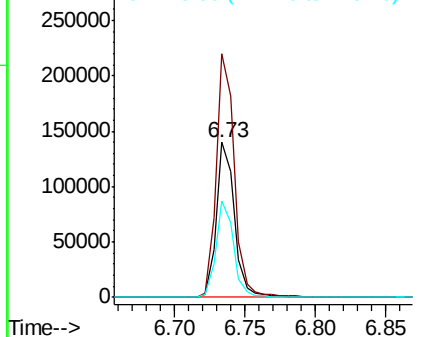


Abundance

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



#5
 2-Fluorophenol
 Concen: 3.473 ng
 RT: 5.37 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: BF119179.D
 Acq: 2 Mar 2020 20:21

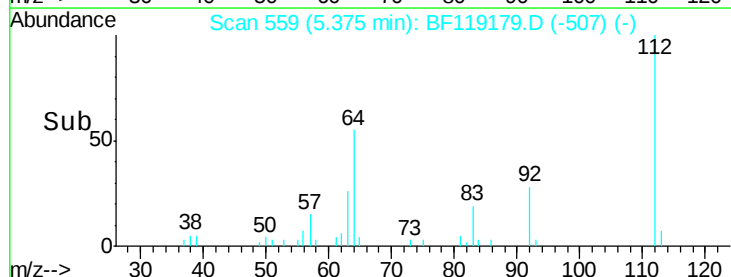
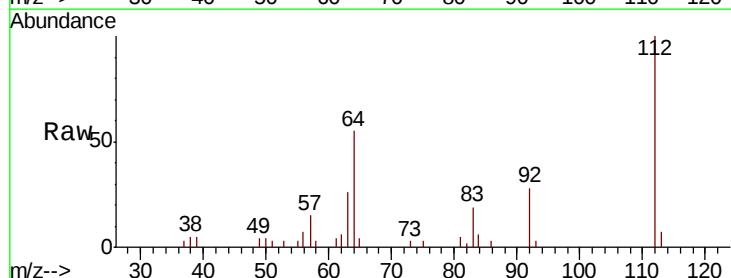
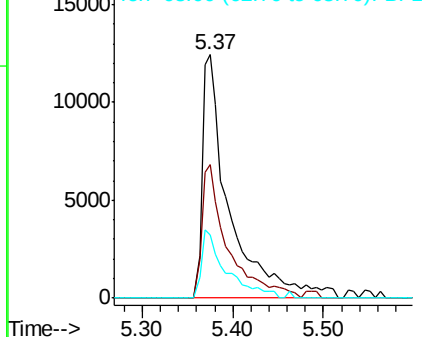
Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	45.0	67.4
63	26.1	24.2	36.4

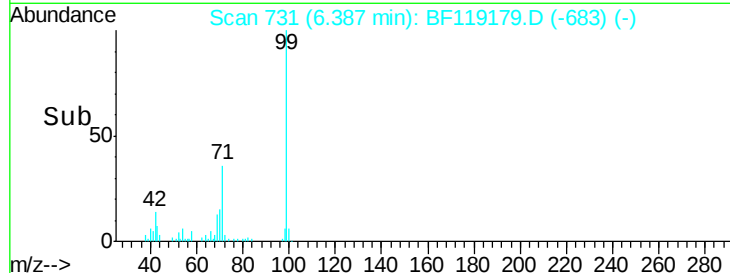
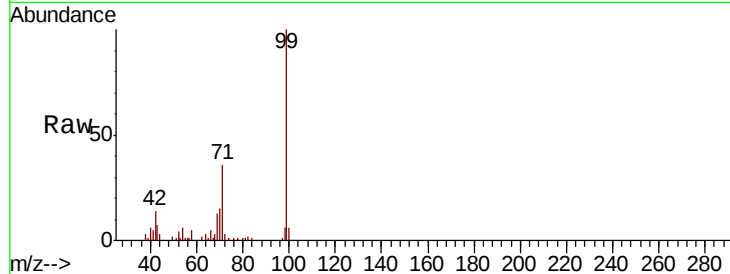
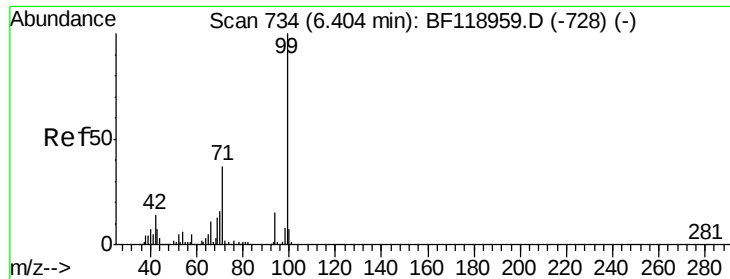
Abundance

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





#7

Phenol-d6

Concen: 9.646 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119179.D

Acq: 2 Mar 2020 20:21

Tot Ion:	99	Resp:	87432
Ion Ratio	Lower	Upper	
99	100		
42	14.0	12.6	18.8
71	35.7	31.0	46.4

Instrument :

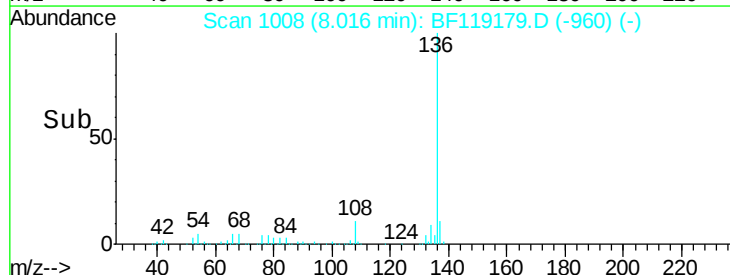
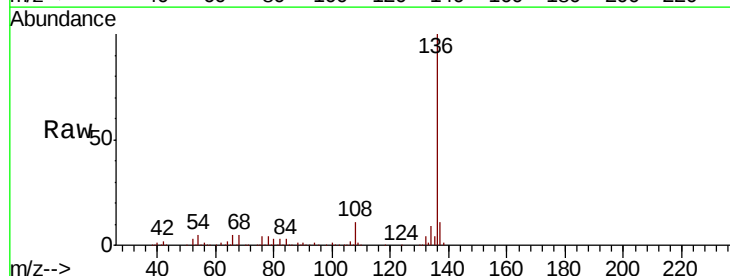
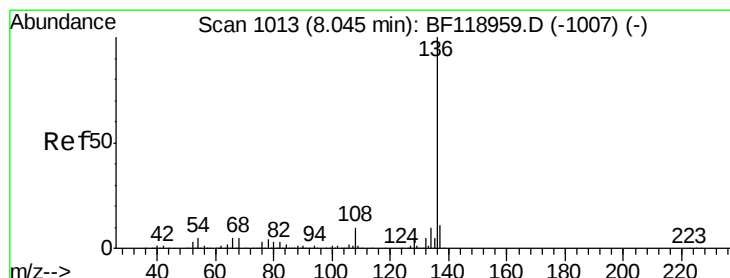
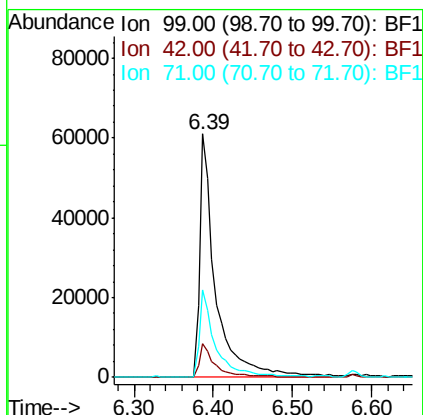
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ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.000 ng

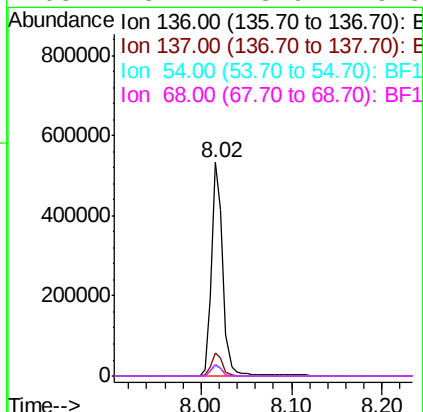
RT: 8.02 min Scan# 1008

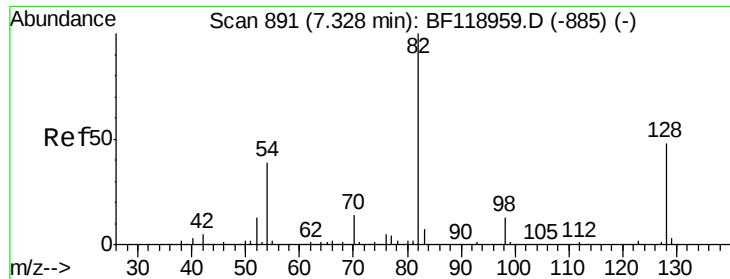
Delta R.T. -0.02 min

Lab File: BF119179.D

Acq: 2 Mar 2020 20:21

Tgt Ion:	136	Resp:	477713
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	5.0	3.8	5.6
68	5.4	3.9	5.9





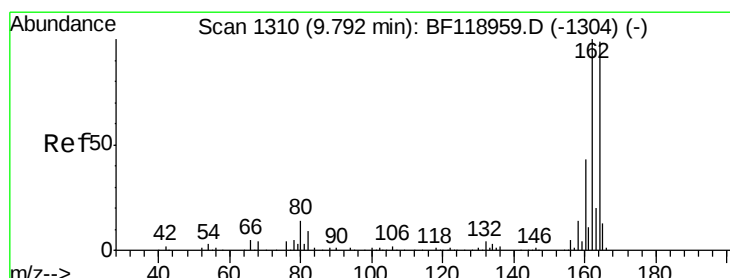
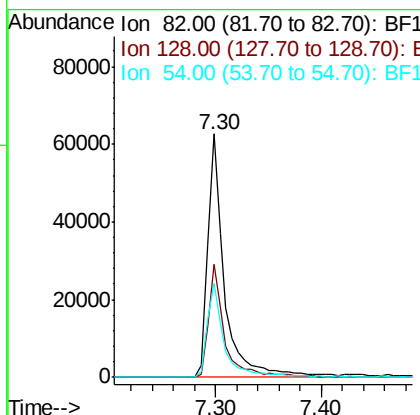
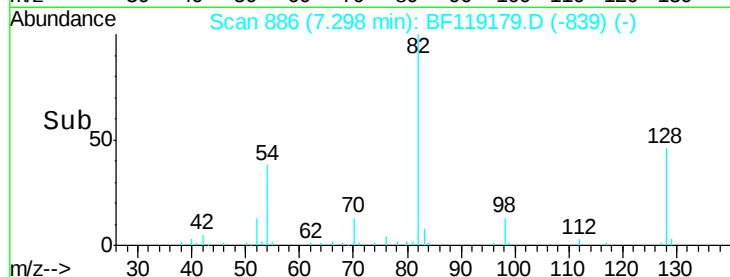
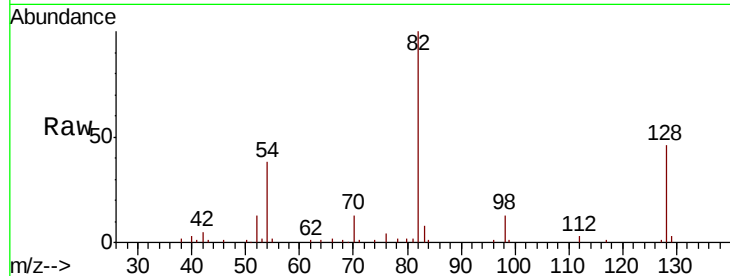
#23
 Nitrobenzene-d5
 Concen: 7.661 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF119179.D
 Acq: 2 Mar 2020 20:21

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.9	56.9
54	38.5	33.4	50.2

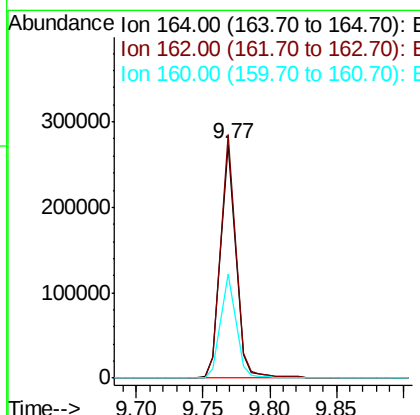
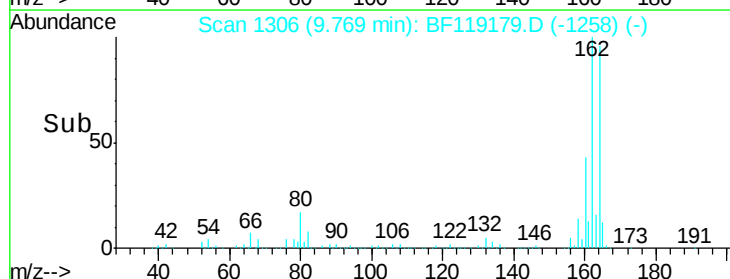
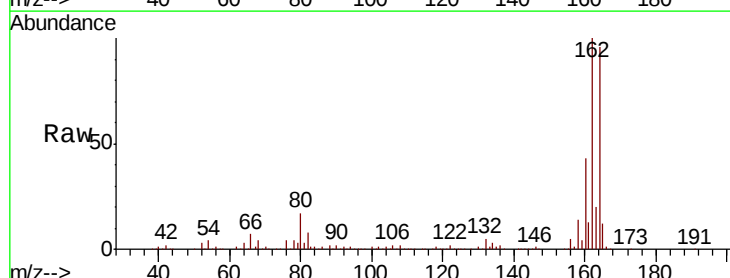
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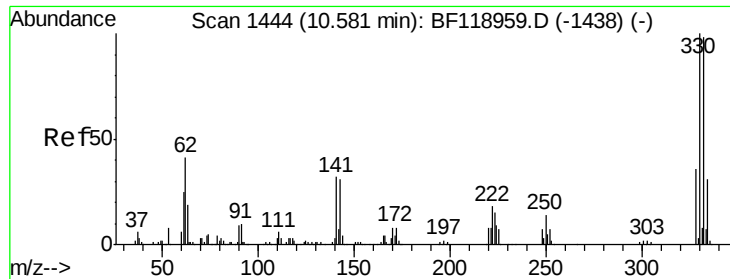
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF119179.D
 Acq: 2 Mar 2020 20:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	81.8	122.8
160	44.7	36.0	54.0





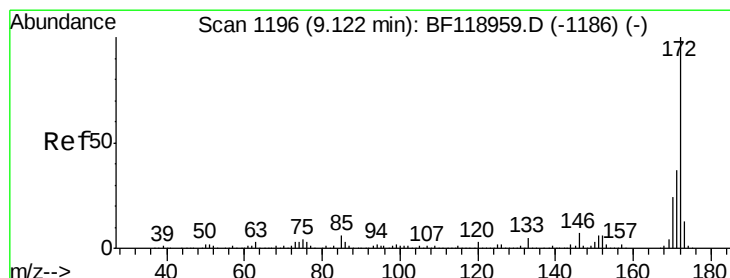
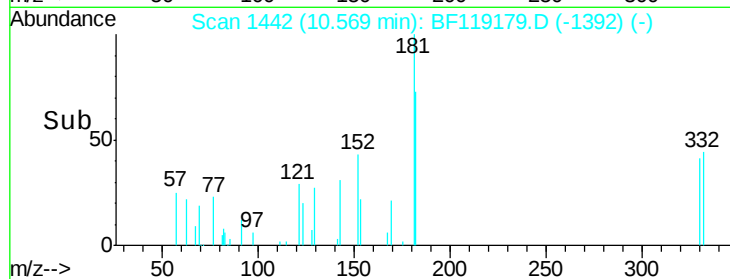
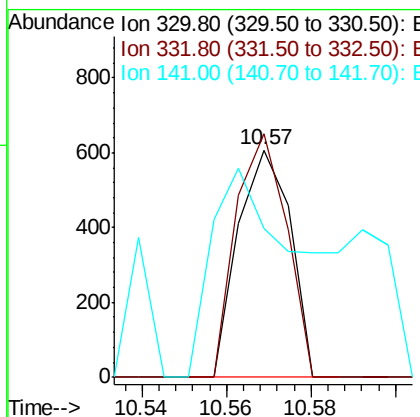
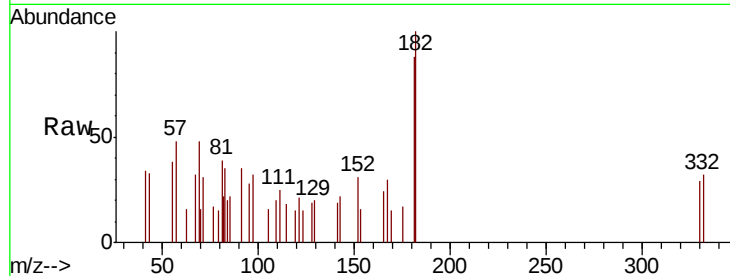
#42
 2,4,6-Tribromophenol
 Concen: 0.174 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119179.D
 Acq: 2 Mar 2020 20:21

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.6	76.0	114.0
141	138.3	22.9	34.3

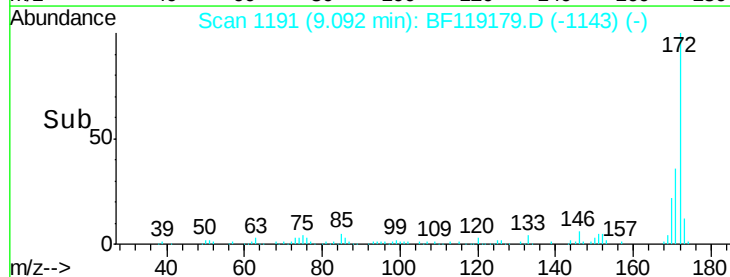
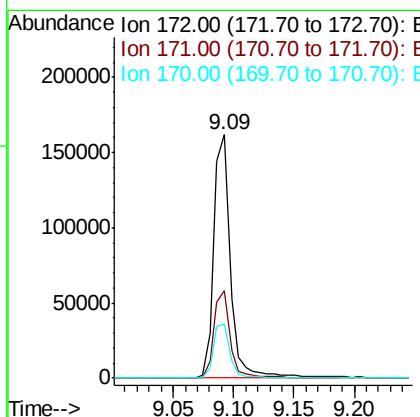
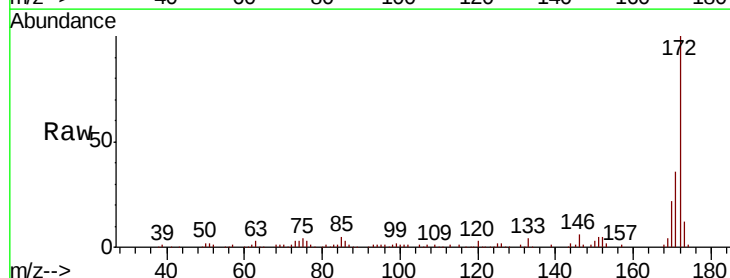
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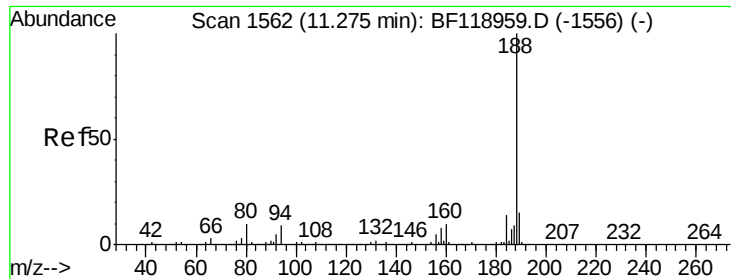
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#45
 2-Fluorobiphenyl
 Concen: 9.853 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF119179.D
 Acq: 2 Mar 2020 20:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.6	45.8
170	22.4	20.2	30.2





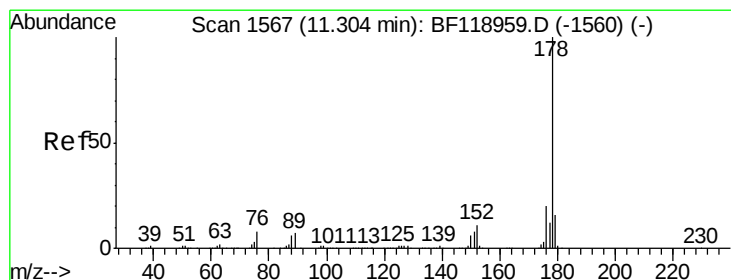
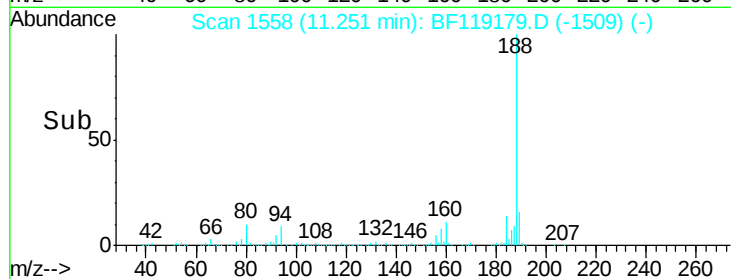
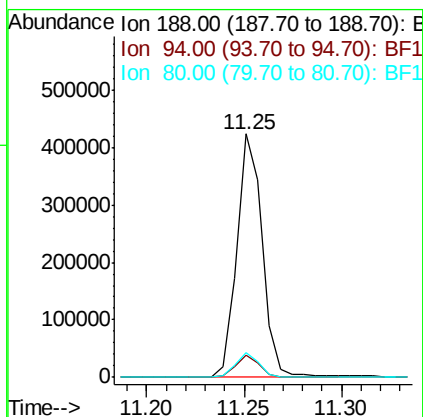
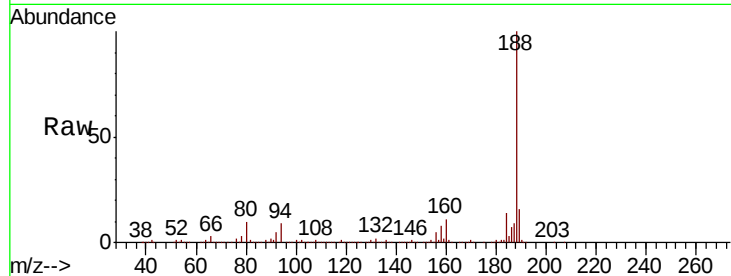
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF119179.D
Acq: 2 Mar 2020 20:21

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

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.1	7.1	10.7
80	10.0	7.8	11.8

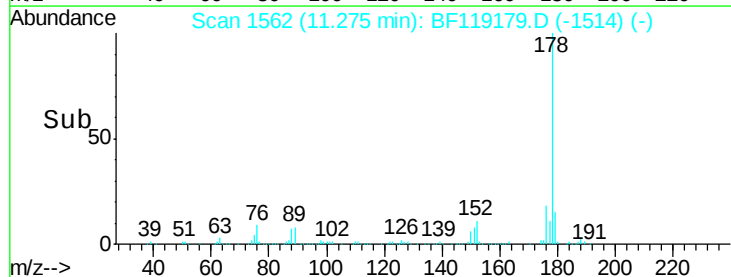
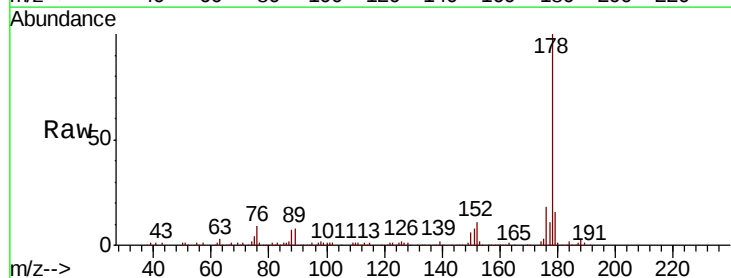
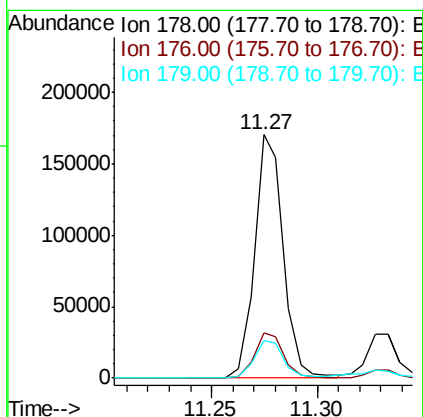
Manual Integrations
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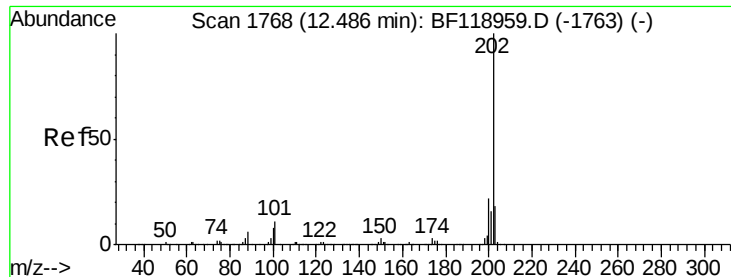
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#71
Phenanthrene
Concen: 7.723 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF119179.D
Acq: 2 Mar 2020 20:21

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.4	16.5	24.7
179	15.6	13.0	19.6





#75

Fluoranthene

Concen: 8.912 ng

RT: 12.47 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF119179.D

Acq: 2 Mar 2020 20:21

Instrument :

BNA_F

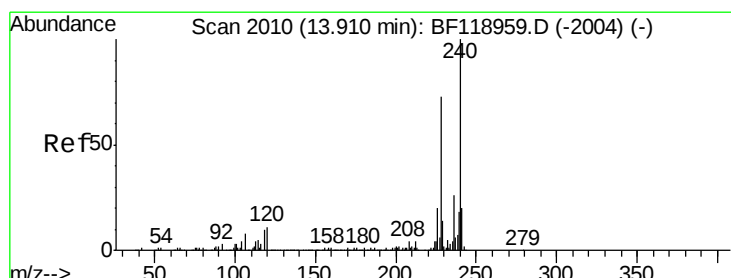
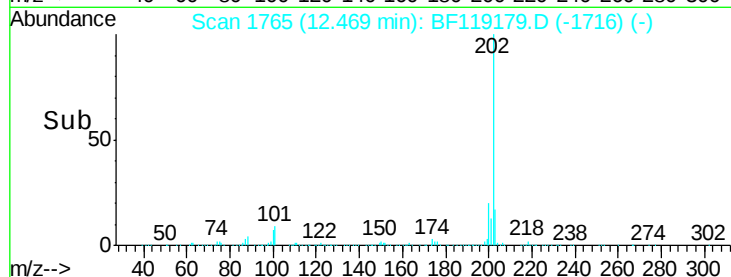
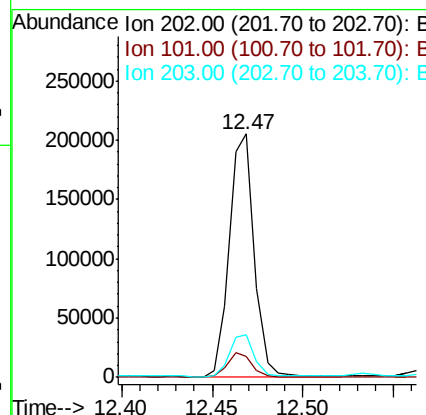
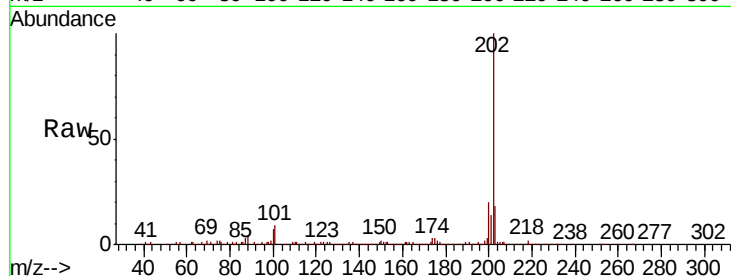
ClientSampleId :

FK-SF-01-009-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		196237		
101	8.6	0.0	30.3		
203	17.7	0.0	38.4		

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

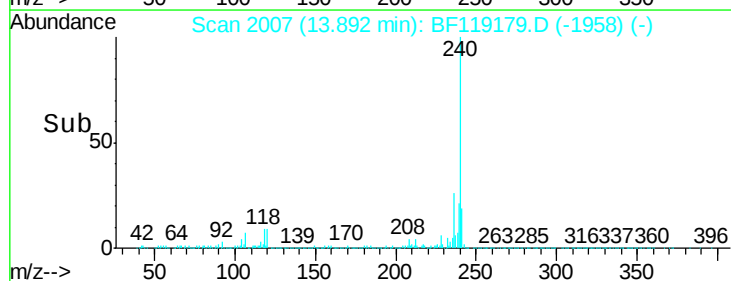
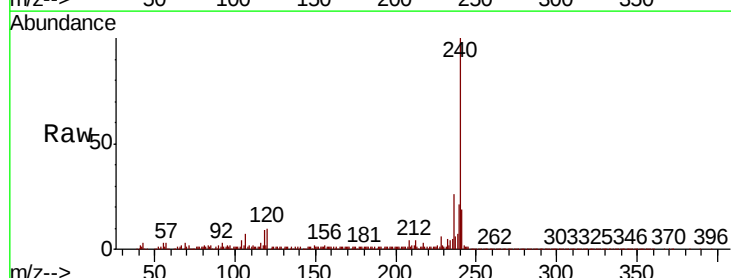
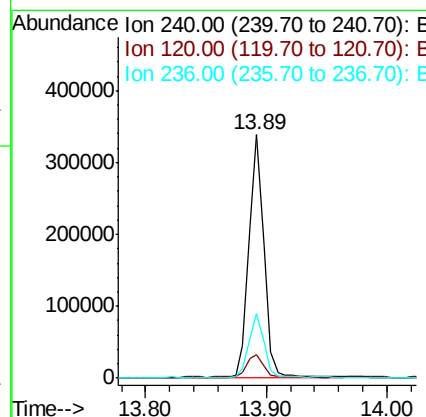
RT: 13.89 min Scan# 2007

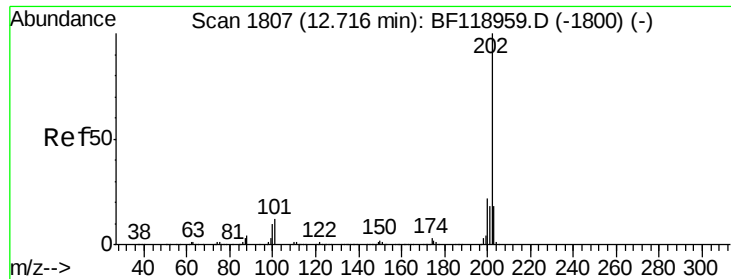
Delta R.T. -0.01 min

Lab File: BF119179.D

Acq: 2 Mar 2020 20:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		297448		
120	9.5	8.4	12.6		
236	26.4	21.0	31.4		





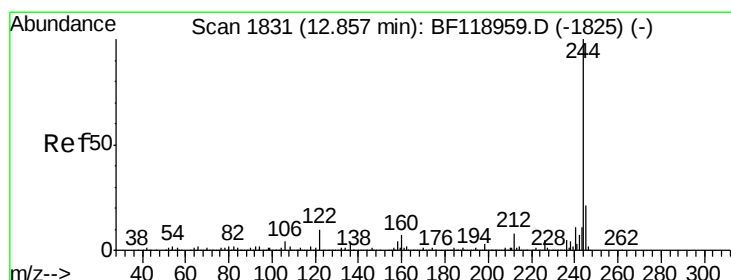
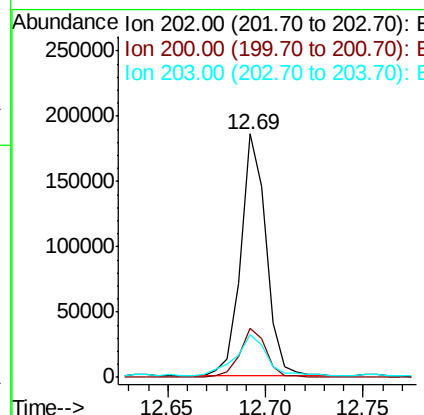
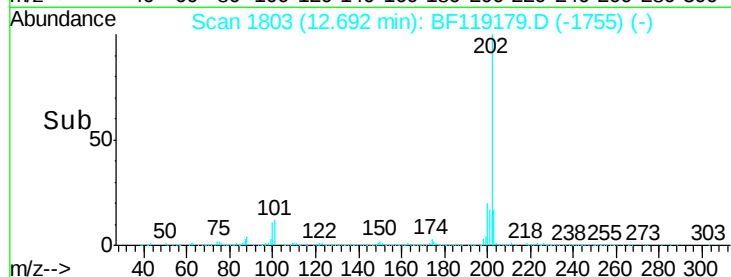
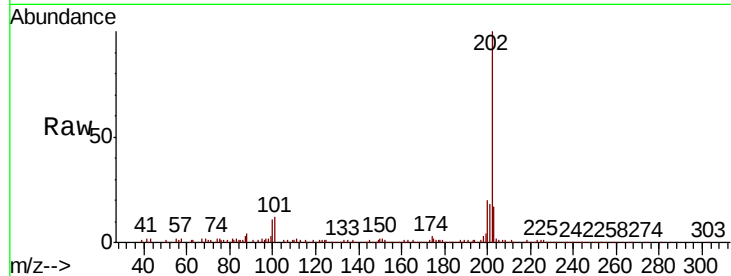
#78
Pvrene
Concen: 7.023 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BF119179.D
Acq: 2 Mar 2020 20:21

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

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.1	18.0	27.0
203	17.4	14.6	22.0

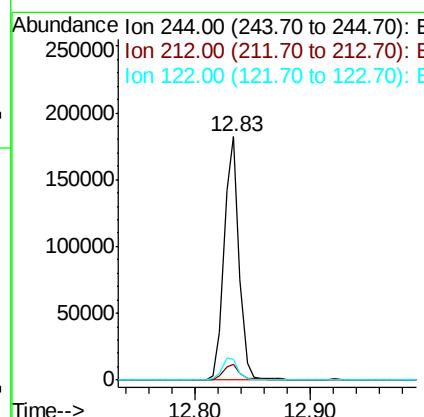
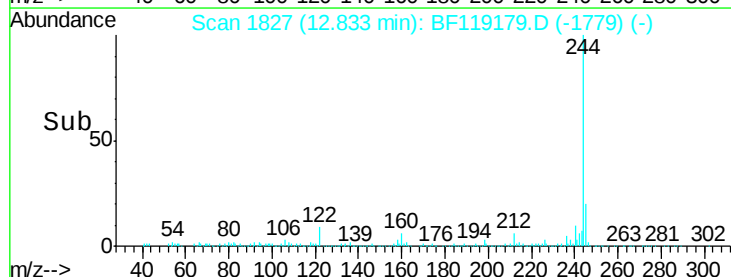
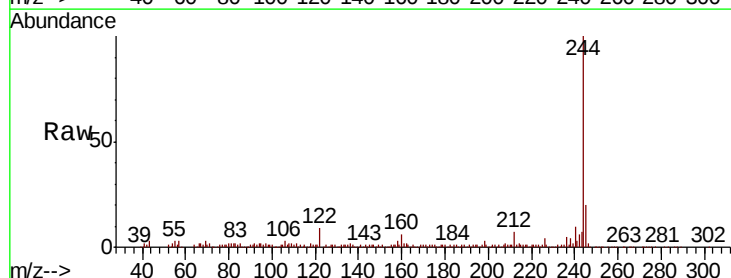
Manual Integrations
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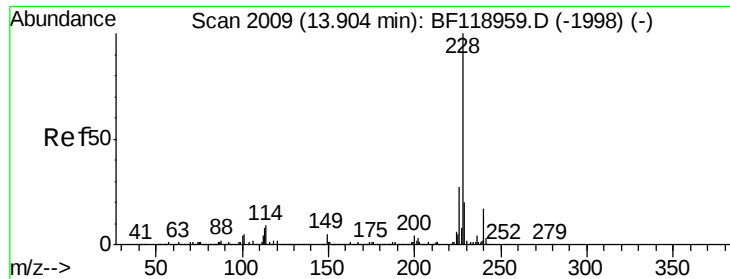
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#79
Terphenyl-d14
Concen: 9.498 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF119179.D
Acq: 2 Mar 2020 20:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.6	10.0
122	8.7	8.2	12.2





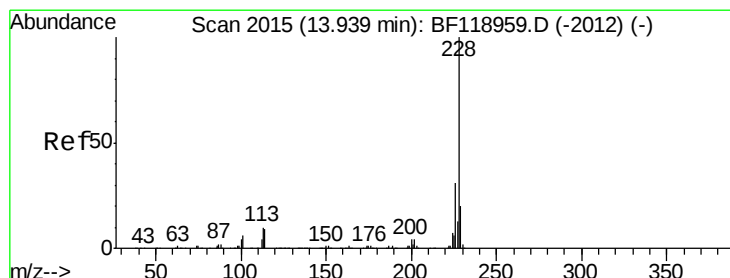
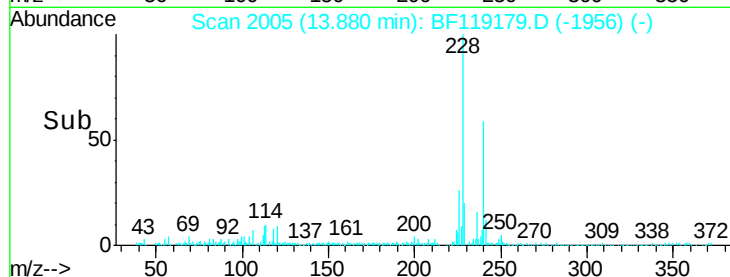
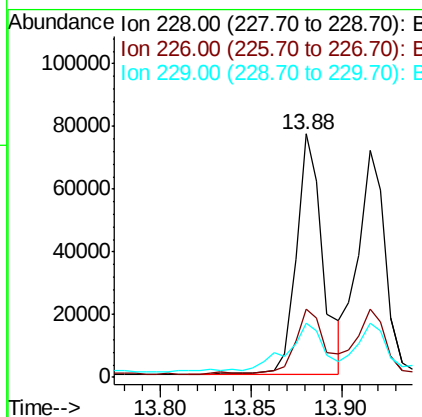
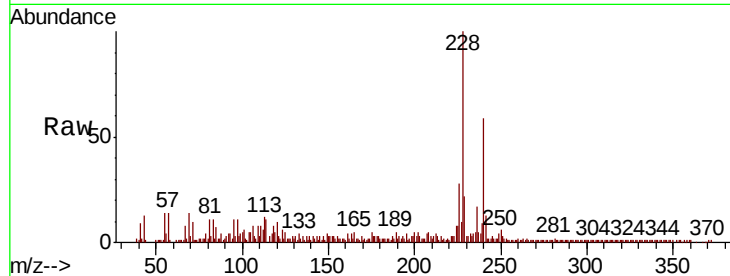
#81
Benzo(a)anthracene
Concen: 3.852 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF119179.D
Acq: 2 Mar 2020 20:21

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	22.4	16.6	24.8

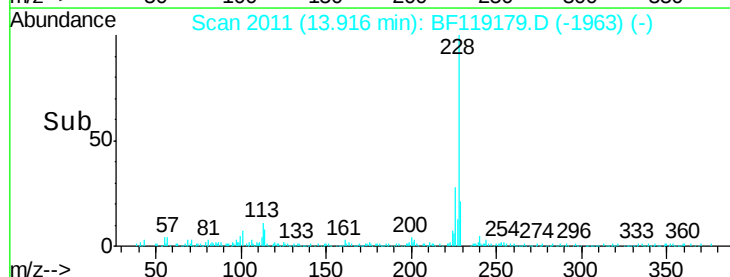
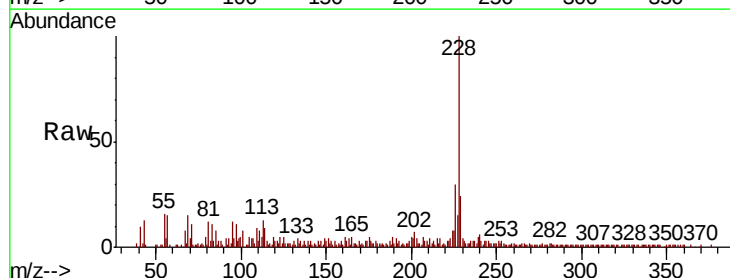
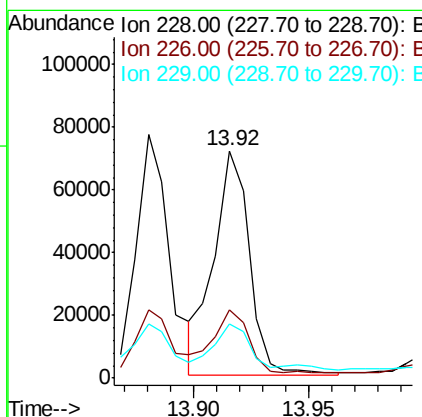
Manual Integrations
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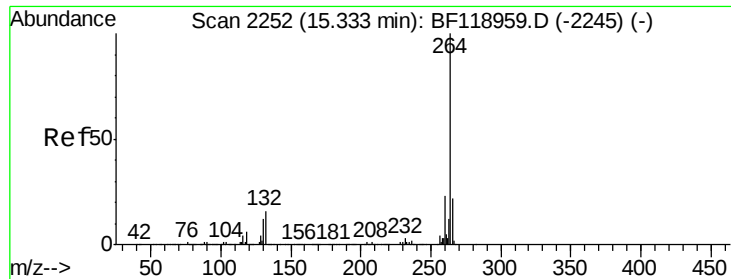
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#83
Chrysene
Concen: 3.807 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.02 min
Lab File: BF119179.D
Acq: 2 Mar 2020 20:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.1	37.7
229	23.8	16.3	24.5





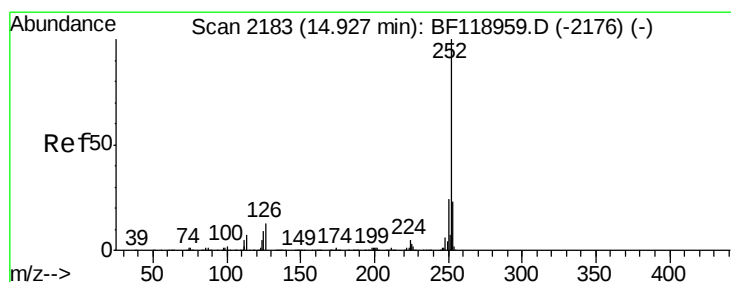
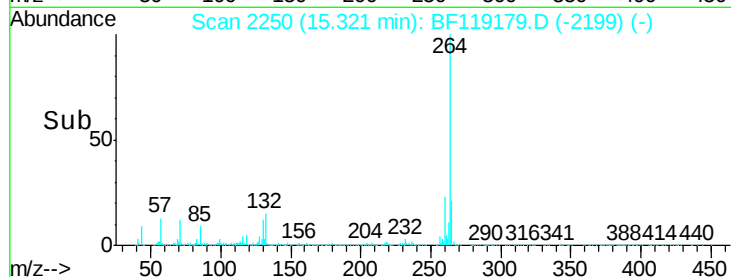
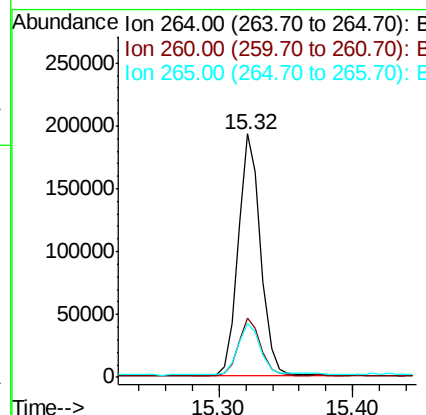
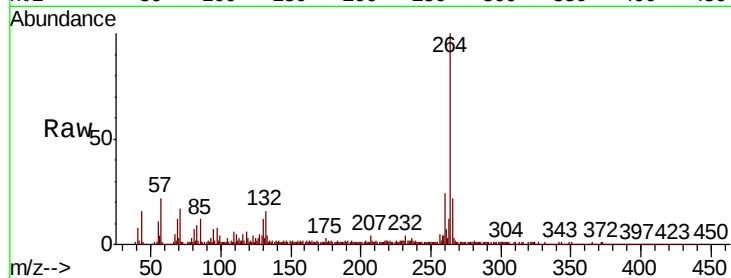
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: BF119179.D
 Acq: 2 Mar 2020 20:21

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	22.4	17.7	26.5

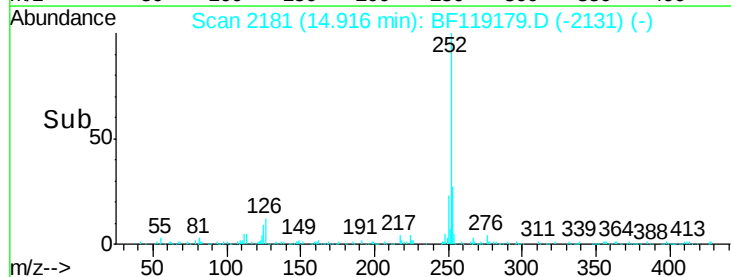
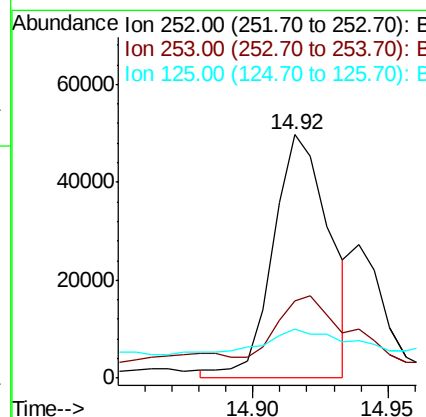
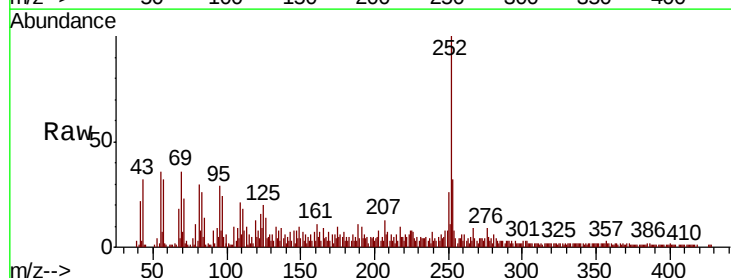
Manual Integrations
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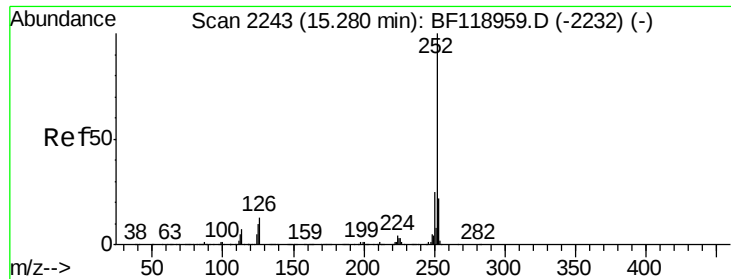
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#88
 Benzo(b)fluoranthene
 Concen: 4.899 ng m
 RT: 14.92 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BF119179.D
 Acq: 2 Mar 2020 20:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.7	18.1	27.1#
125	20.0	7.4	11.0#





#90
 Benzo(a)pyrene
 Concen: 3.012 ng
 RT: 15.26 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: BF119179.D
 Acq: 2 Mar 2020 20:21

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.0	18.0	27.0#
125	24.5	8.6	12.8#

Manual Integrations
 APPROVED

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