

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
 Data File : BF119180.D
 Acq On : 2 Mar 2020 20:50
 Operator : CG/JU
 Sample : L1736-01 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-010-A

Manual Integrations
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Quant Time: Mar 03 08:25:21 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	117908	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	457046	20.00	ng	-0.02
39) Acenaphthene-d10	9.77	164	246862	20.00	ng	-0.02
64) Phenanthrene-d10	11.26	188	438938	20.00	ng	0.00
76) Chrysene-d12	13.89	240	315121	20.00	ng	-0.01
87) Perylene-d12	15.32	264	274028	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	40084	5.68	ng	0.00
7) Phenol-d6	6.39	99	103783	12.10	ng	-0.02
23) Nitrobenzene-d5	7.30	82	74350	8.59	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	1048	0.32	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	176876	10.56	ng	-0.02
79) Terphenyl-d14	12.83	244	208974	11.42	ng	-0.02
Target Compounds						
71) Phenanthrene	11.28	178	202861	8.475	ng	96
75) Fluoranthene	12.47	202	209392	8.241	ng	97
78) Pyrene	12.69	202	178464	7.053	ng	98
81) Benzo(a)anthracene	13.89	228	78545	3.658	ng	97
83) Chrysene	13.92	228	83144m	3.886	ng	
88) Benzo(b)fluoranthene	14.92	252	81272m	4.500	ng	
90) Benzo(a)pyrene	15.27	252	47723	2.927	ng	# 75

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

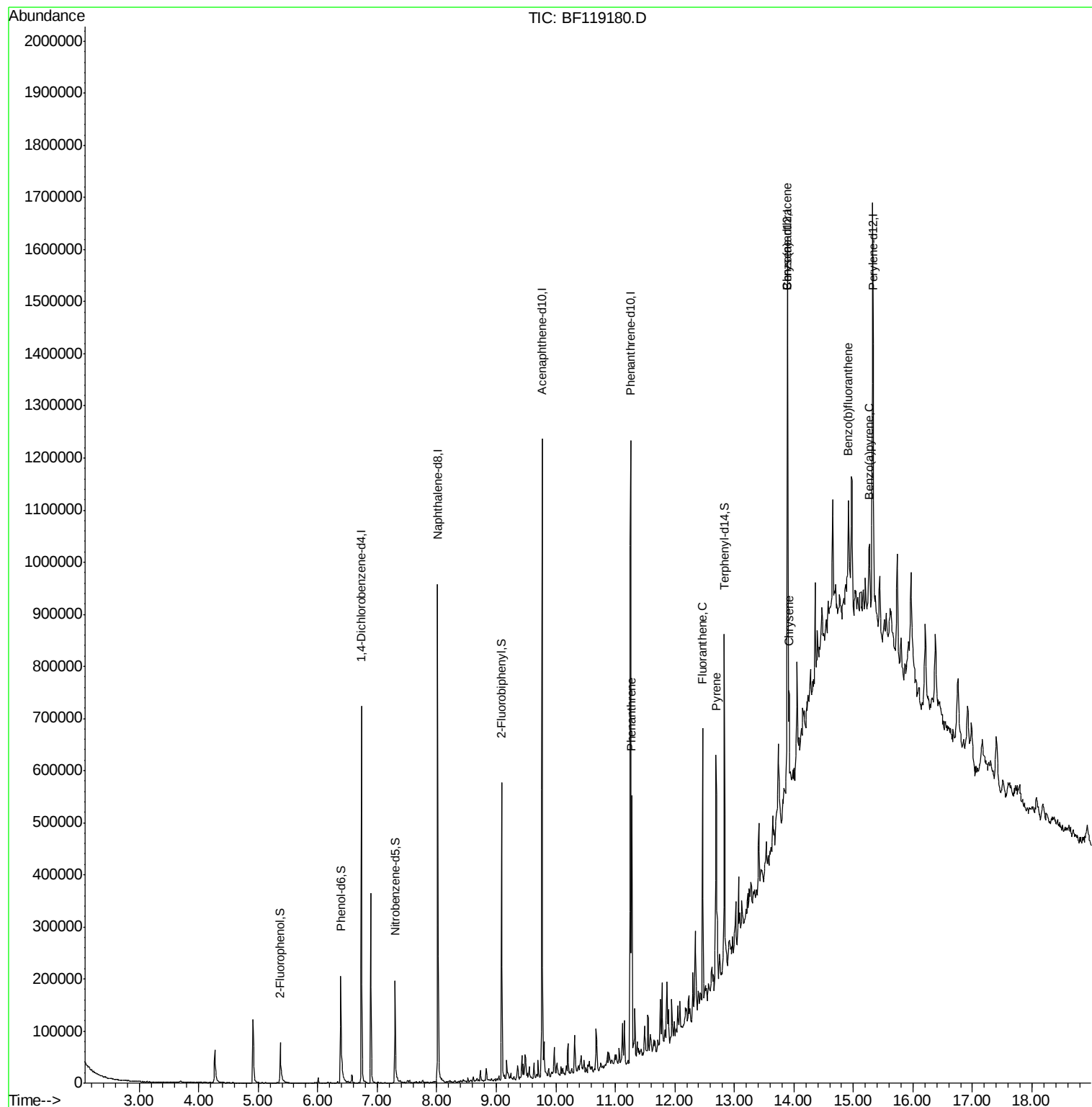
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119180.D
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Misc :
ALS Vial : 13 Sample Multiplier: 1

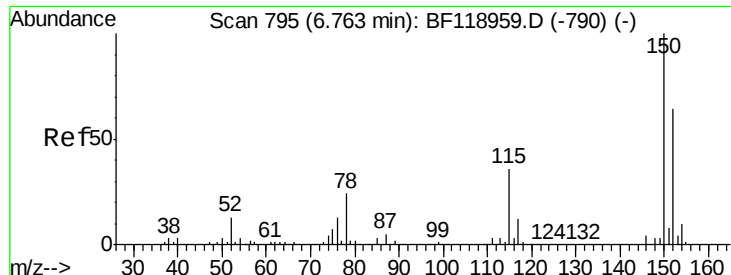
Instrument :
BNA_F
ClientSampleId :
FK-SF-01-010-A

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Quant Time: Mar 03 08:25:21 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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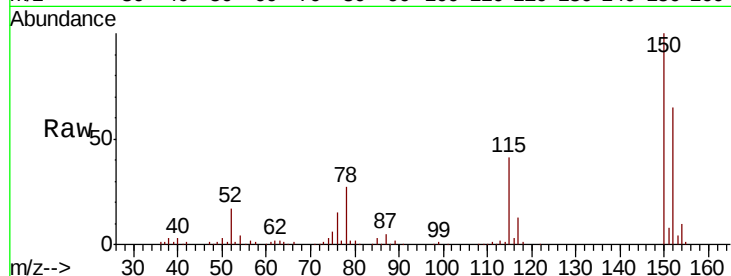
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF119180.D
 Acq: 2 Mar 2020 20:50

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-010-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	123.0	184.6
115	63.6	49.5	74.3

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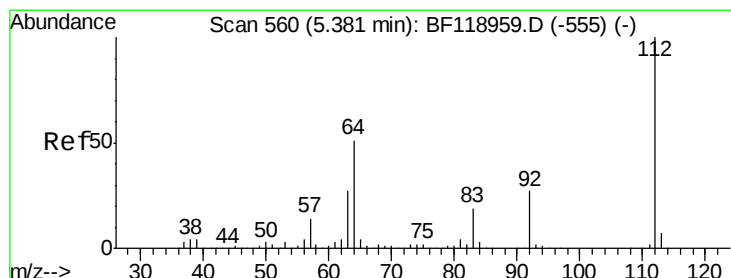
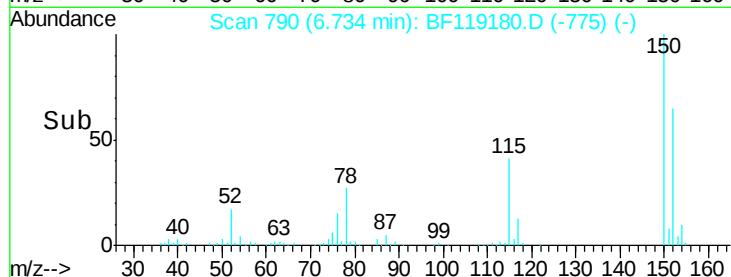
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

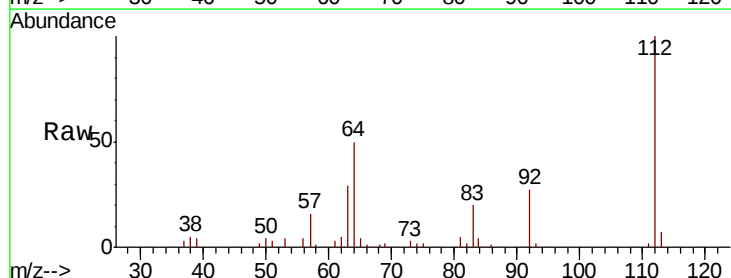
Ion 115.00 (114.70 to 115.70): E

Time-->



#5
 2-Fluorophenol
 Concen: 5.681 ng
 RT: 5.37 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF119180.D
 Acq: 2 Mar 2020 20:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.4	45.0	67.4
63	29.5	24.2	36.4



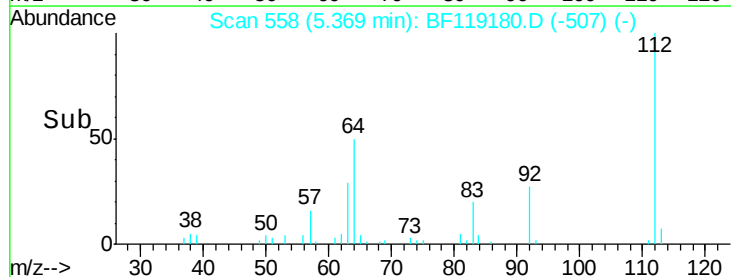
Abundance

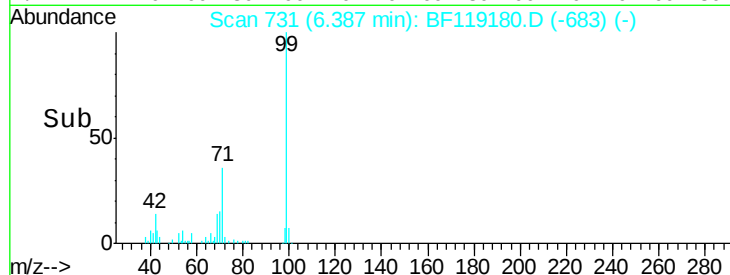
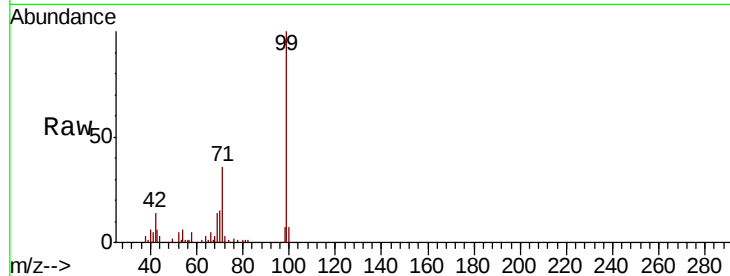
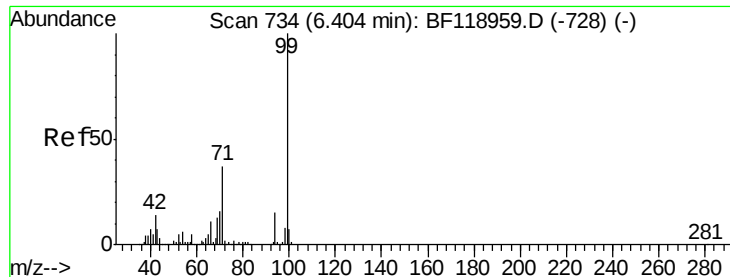
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->





#7

Phenol-d6

Concen: 12.095 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119180.D

Acq: 2 Mar 2020 20:50

Tot Ion:	99	Resp:	103783
Ion	Ratio	Lower	Upper
99	100		
42	14.1	12.6	18.8
71	35.6	31.0	46.4

Instrument :

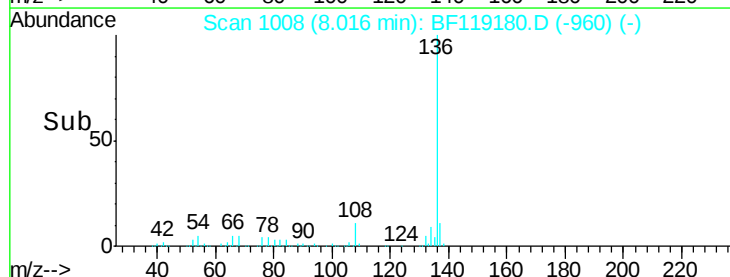
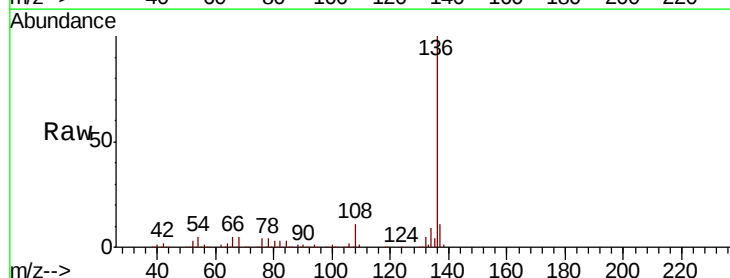
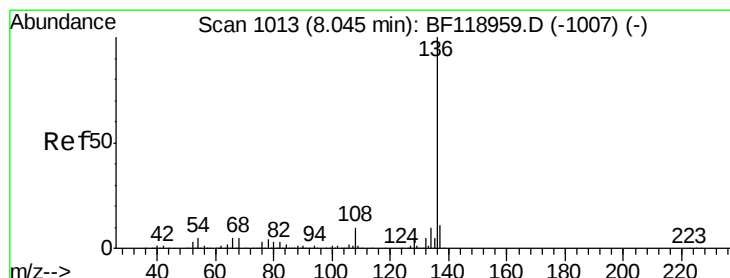
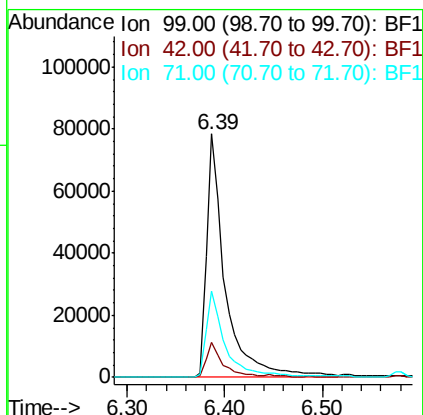
BNA_F

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#21

Naphthalene-d8

Concen: 20.000 ng

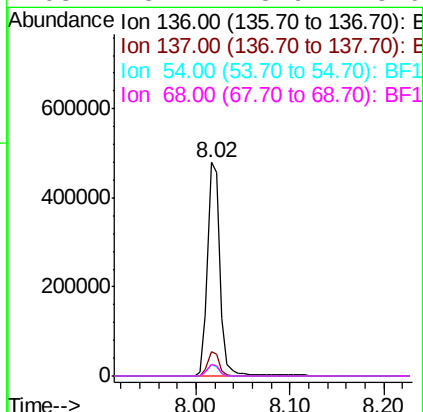
RT: 8.02 min Scan# 1008

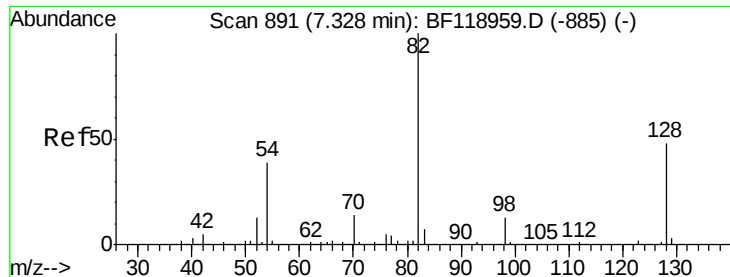
Delta R.T. -0.02 min

Lab File: BF119180.D

Acq: 2 Mar 2020 20:50

Tgt Ion:	136	Resp:	457046
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	5.4	3.8	5.6
68	5.4	3.9	5.9





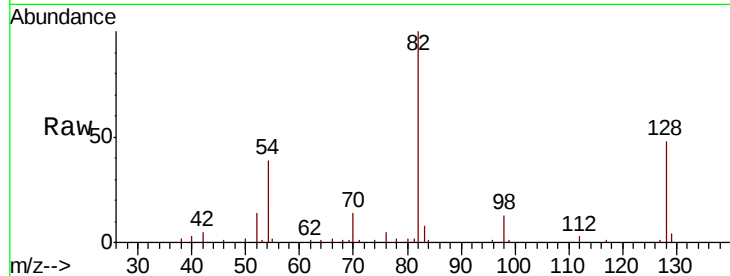
#23
Nitrobenzene-d5
Concen: 8.589 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF119180.D
Acq: 2 Mar 2020 20:50

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-010-A

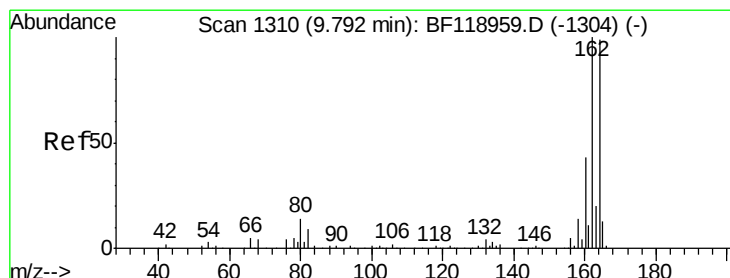
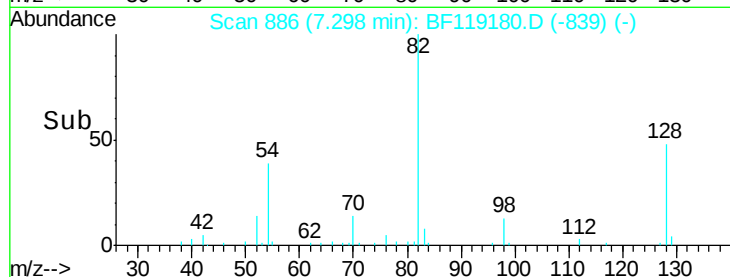
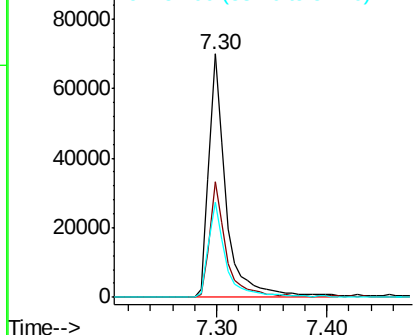
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.7	37.9	56.9
54	39.0	33.4	50.2

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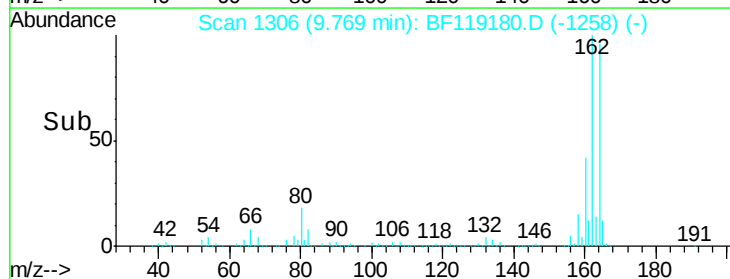
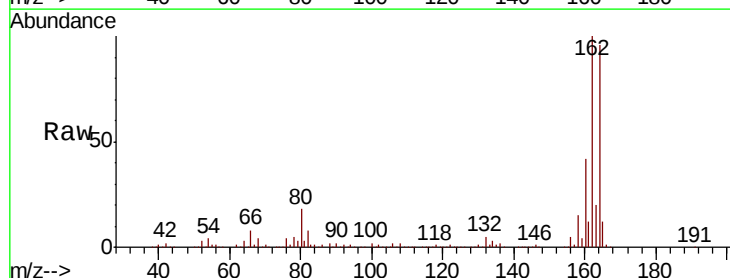
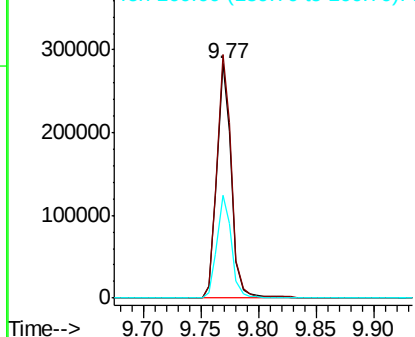
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

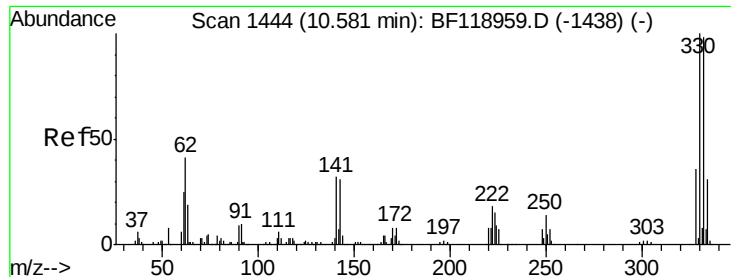


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF119180.D
Acq: 2 Mar 2020 20:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	81.8	122.8
160	43.9	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





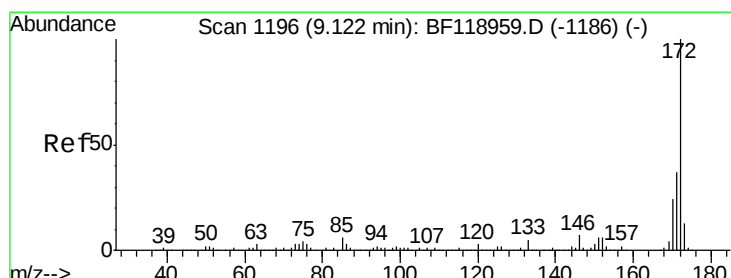
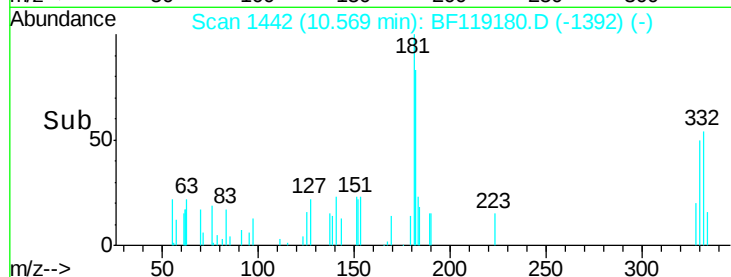
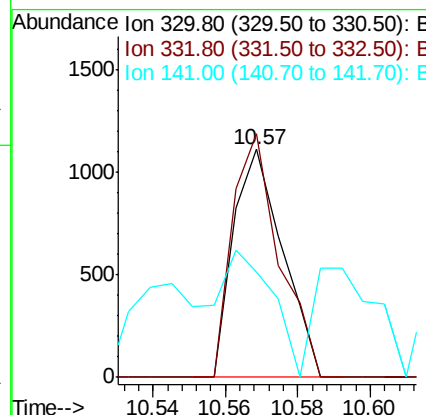
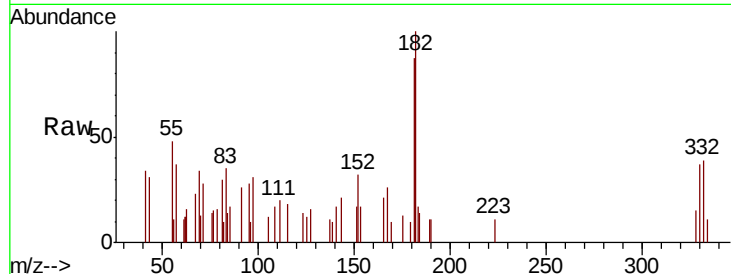
#42
 2,4,6-Tribromophenol
 Concen: 0.325 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119180.D
 Acq: 2 Mar 2020 20:50

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-010-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.3	76.0	114.0
141	63.0	22.9	34.3

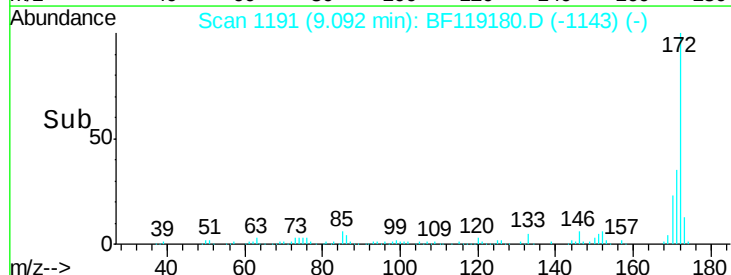
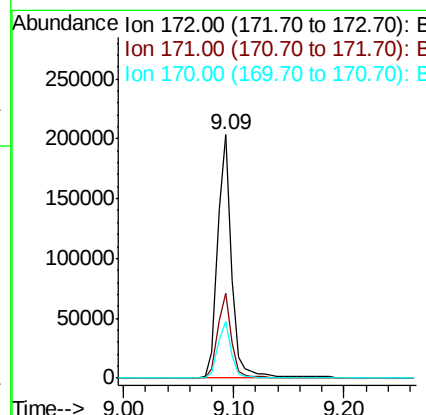
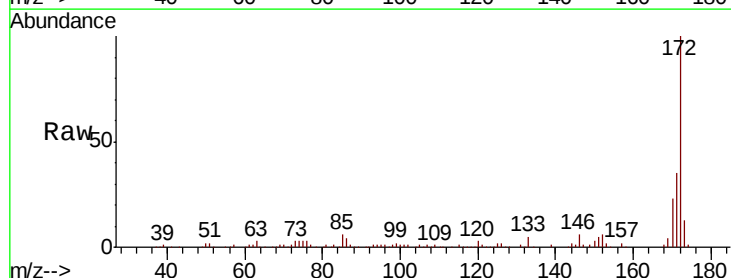
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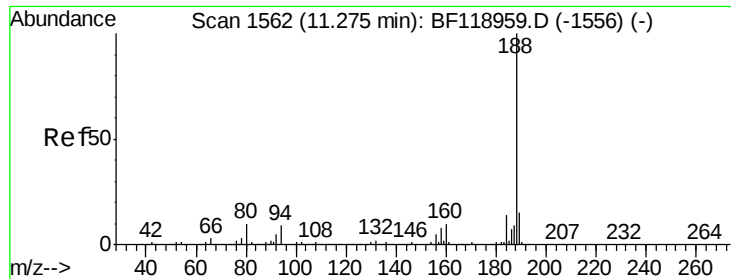
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#45
 2-Fluorobiphenyl
 Concen: 10.555 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF119180.D
 Acq: 2 Mar 2020 20:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.6	45.8
170	23.5	20.2	30.2





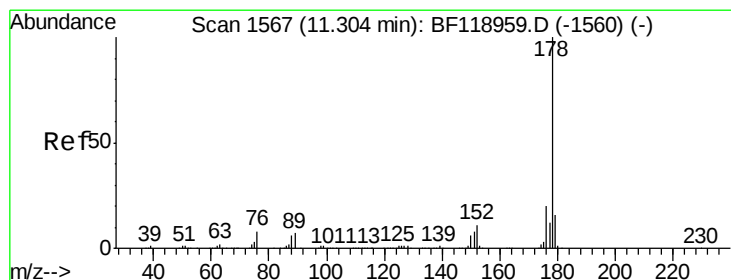
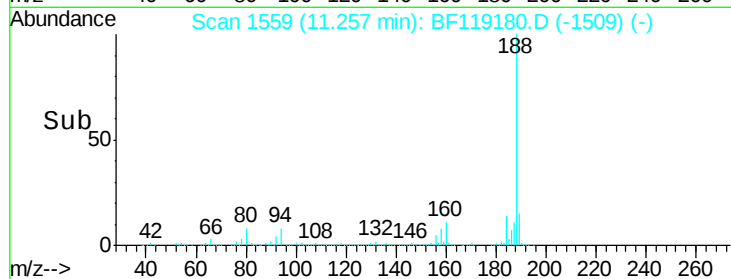
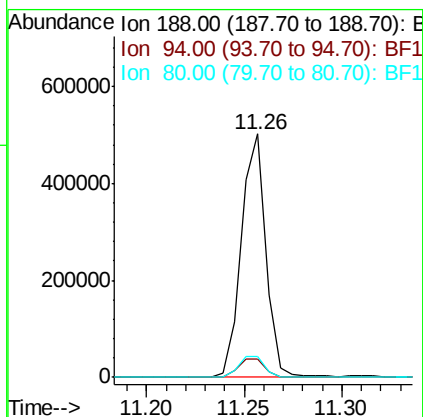
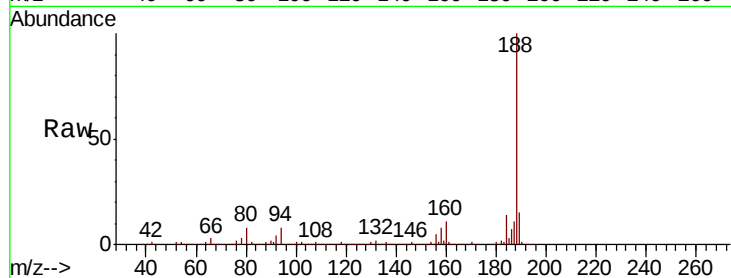
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF119180.D
Acq: 2 Mar 2020 20:50

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-010-A

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.7	7.1	10.7
80	8.5	7.8	11.8

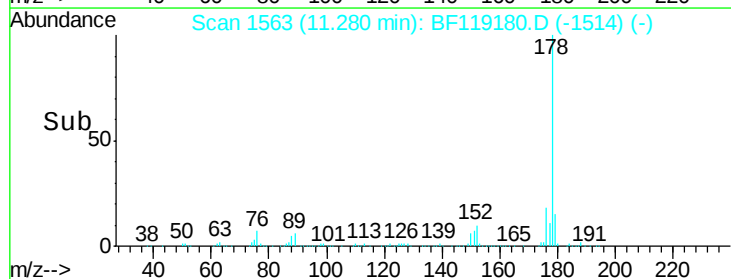
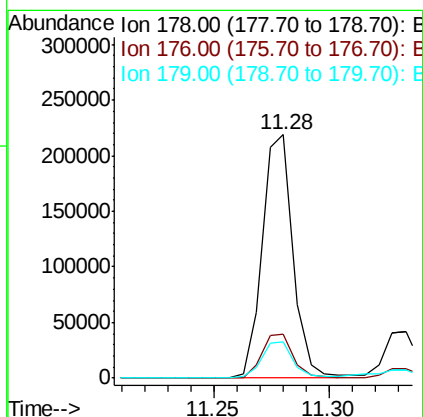
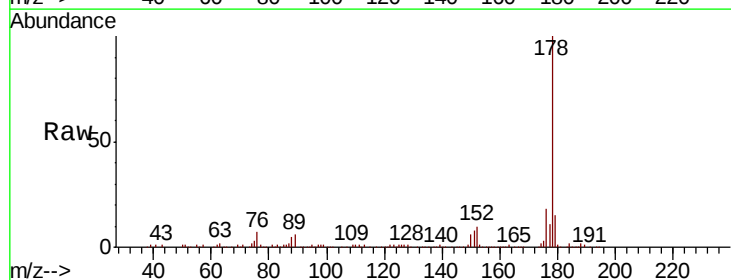
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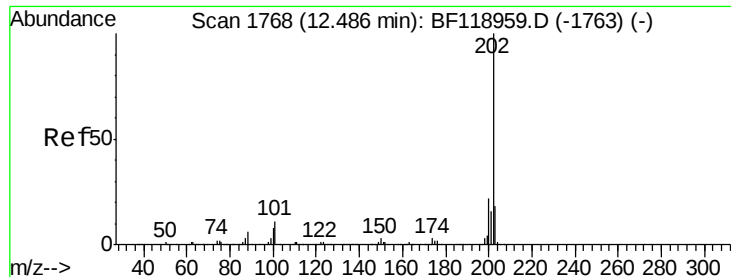
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#71
Phenanthrene
Concen: 8.475 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF119180.D
Acq: 2 Mar 2020 20:50

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.3	16.5	24.7
179	15.0	13.0	19.6





#75

Fluoranthene

Concen: 8.241 ng

RT: 12.47 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF119180.D

Acq: 2 Mar 2020 20:50

Instrument :

BNA_F

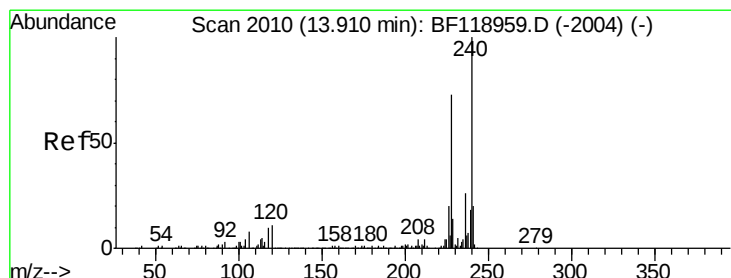
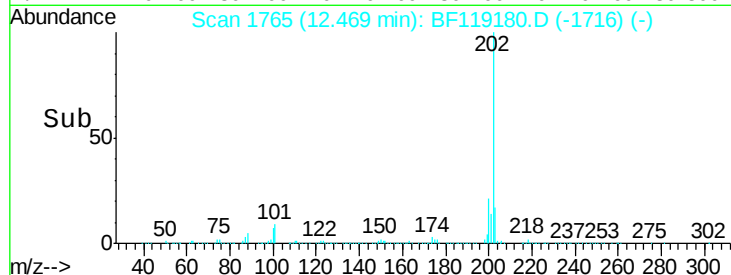
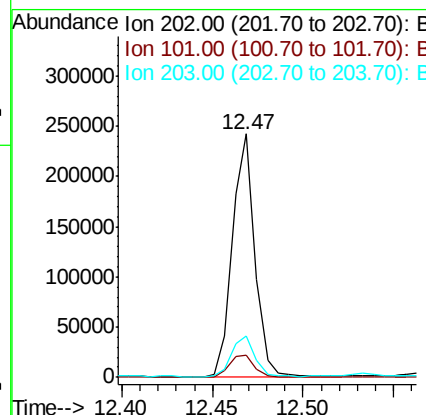
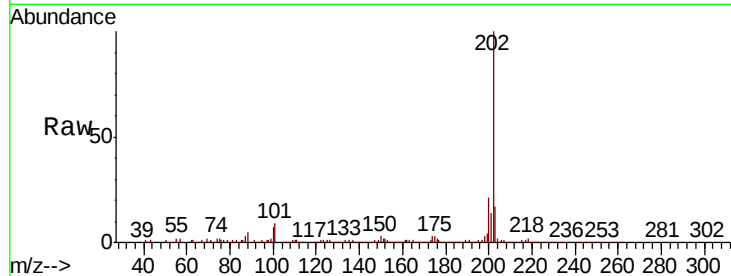
ClientSampleId :

FK-SF-01-010-A

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.3	0.0	30.3
203	17.3	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

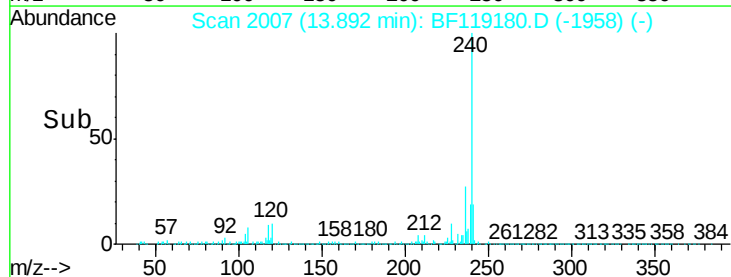
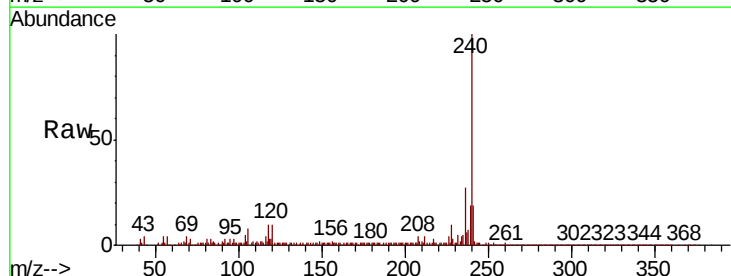
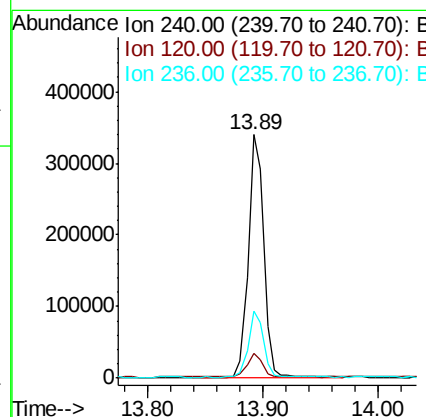
RT: 13.89 min Scan# 2007

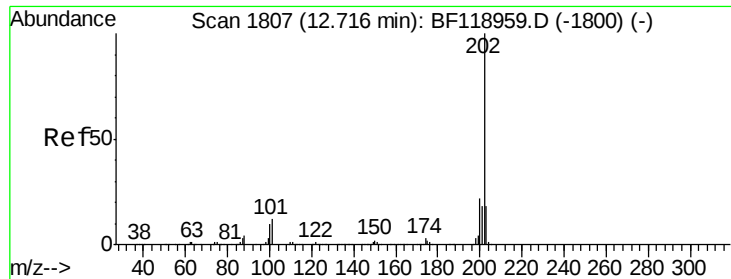
Delta R.T. -0.01 min

Lab File: BF119180.D

Acq: 2 Mar 2020 20:50

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.3	8.4	12.6
236	27.3	21.0	31.4





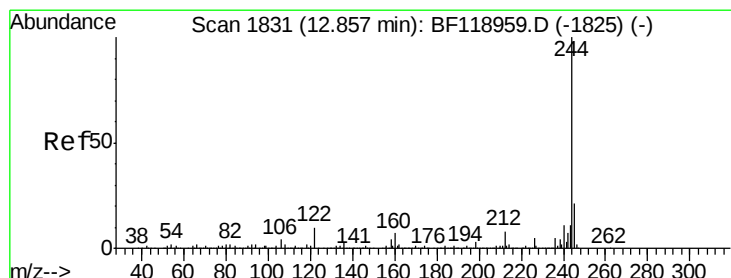
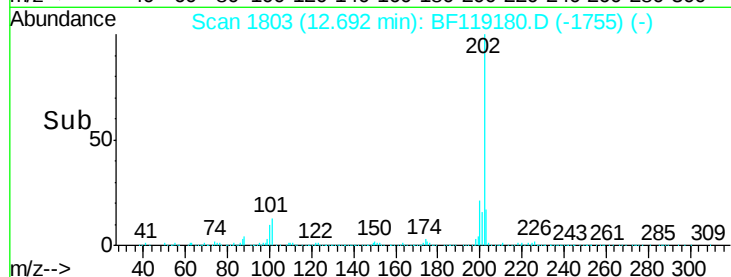
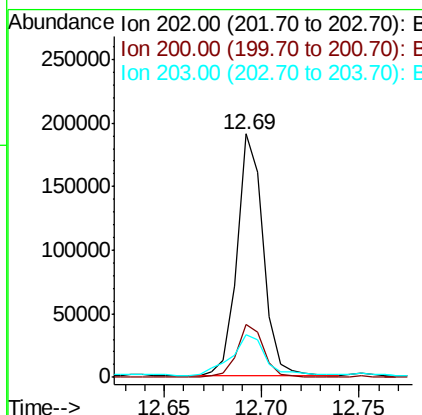
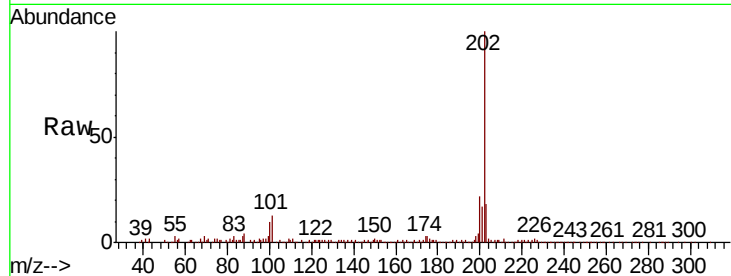
#78
Pvrene
Concen: 7.053 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BF119180.D
Acq: 2 Mar 2020 20:50

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-010-A

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.0	27.0
203	17.6	14.6	22.0

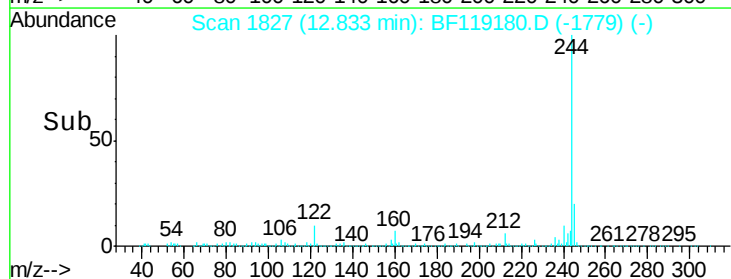
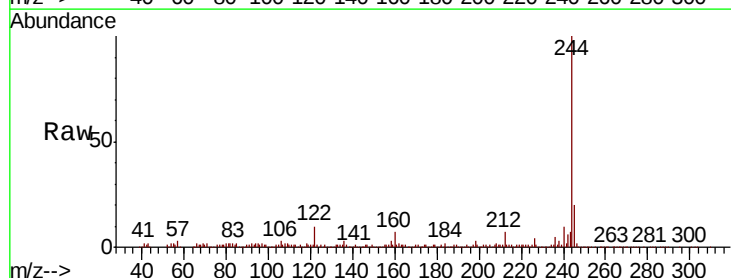
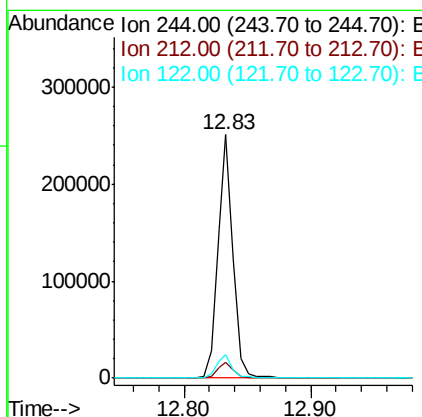
Manual Integrations
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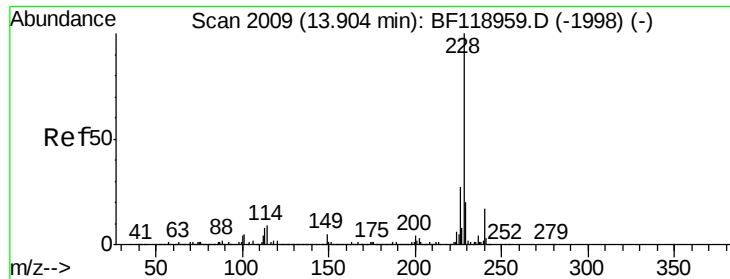
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#79
Terphenyl-d14
Concen: 11.417 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF119180.D
Acq: 2 Mar 2020 20:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.6	10.0#
122	9.8	8.2	12.2





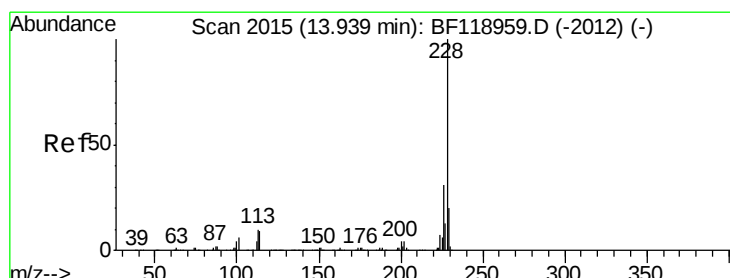
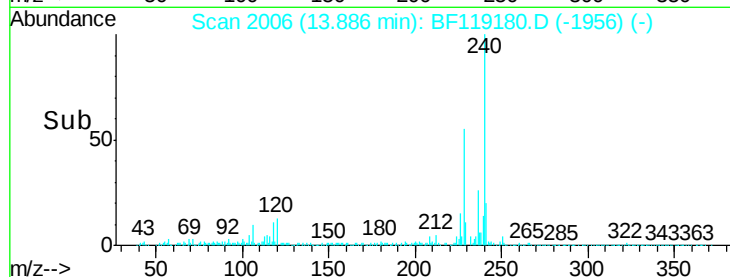
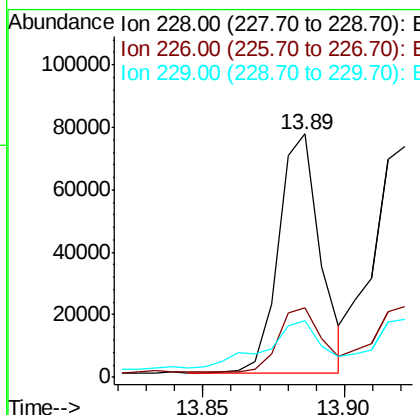
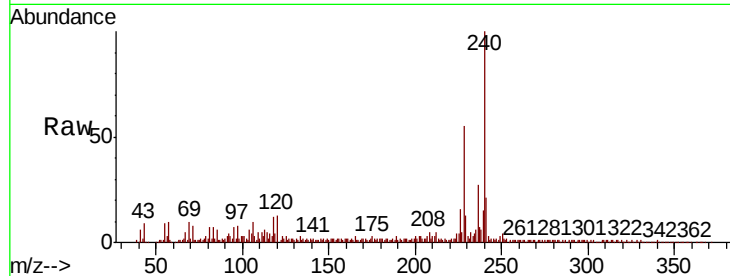
#81
Benzo(a)anthracene
Concen: 3.658 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF119180.D
Acq: 2 Mar 2020 20:50

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-010-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	23.1	16.6	24.8

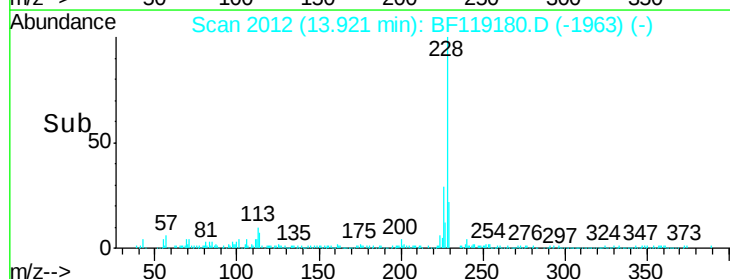
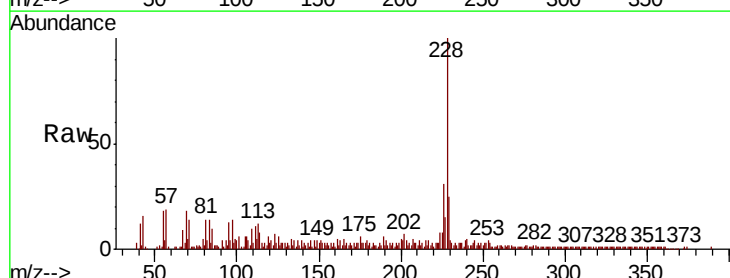
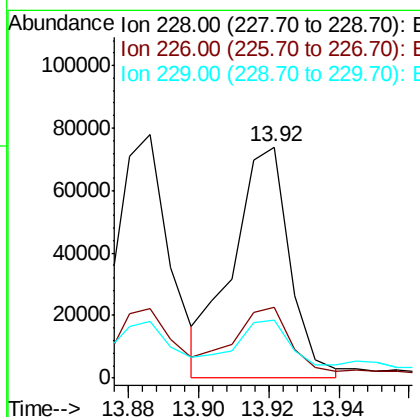
Manual Integrations
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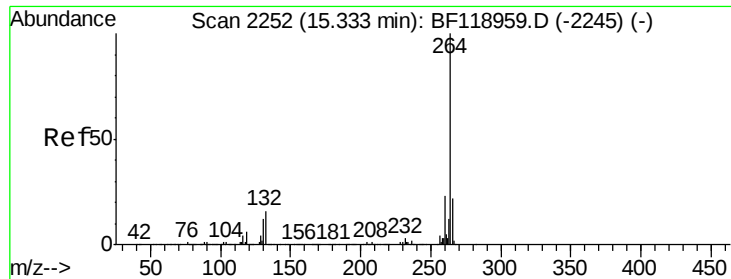
mohammad
3/3/2020 12:26:01 PM



#83
Chrysene
Concen: 3.886 ng m
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF119180.D
Acq: 2 Mar 2020 20:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.1	37.7
229	25.2	16.3	24.5





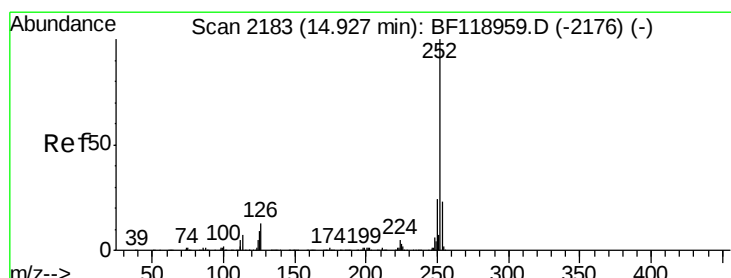
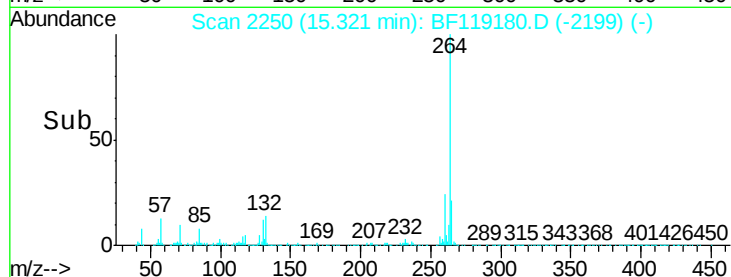
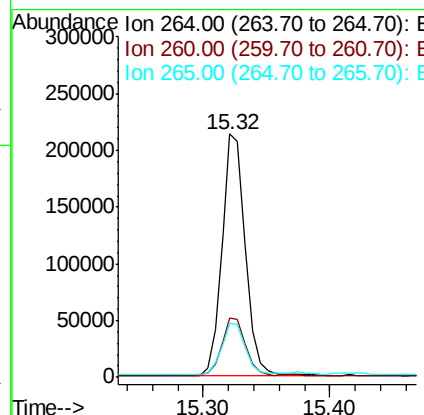
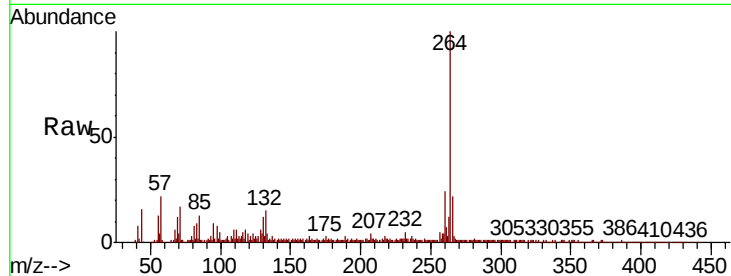
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.00 min
Lab File: BF119180.D
Acq: 2 Mar 2020 20:50

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-010-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	22.1	17.7	26.5

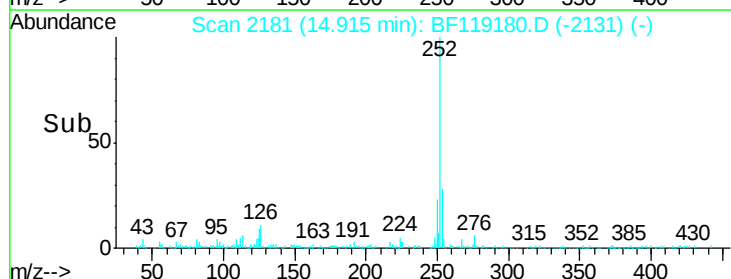
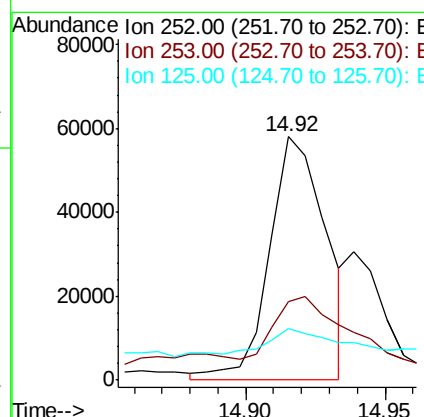
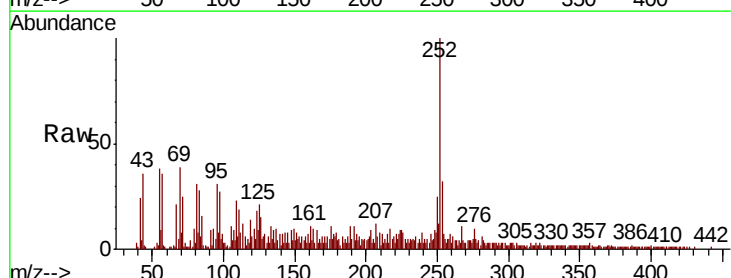
Manual Integrations
APPROVED

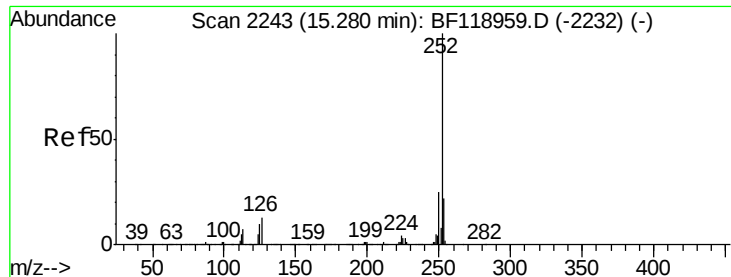
mohammad
3/3/2020 12:26:01 PM



#88
Benzo(b)fluoranthene
Concen: 4.500 ng m
RT: 14.92 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BF119180.D
Acq: 2 Mar 2020 20:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.2	18.1	27.1#
125	21.1	7.4	11.0#





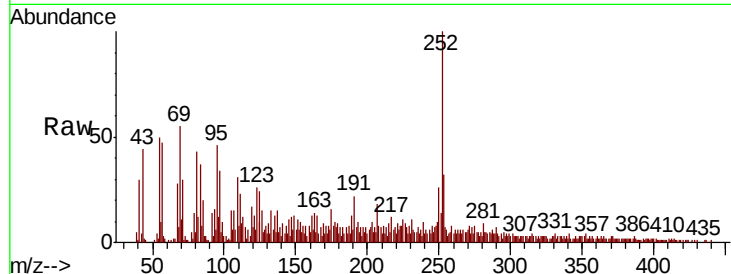
#90
 Benzo(a)pyrene
 Concen: 2.927 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: BF119180.D
 Acq: 2 Mar 2020 20:50

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-010-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.4	18.0	27.0#
125	23.5	8.6	12.8#

Manual Integrations
 APPROVED

mohammad
 3/3/2020 12:26:01 PM



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

