

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
 Data File : BF118993.D
 Acq On : 21 Feb 2020 15:23
 Operator : CG/JU
 Sample : L1551-03RE 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-007-BRE

Manual Integrations
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Quant Time: Feb 21 16:03:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	164592	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	600841	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	282334	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	444538	20.00	ng	0.00
76) Chrysene-d12	13.90	240	365930	20.00	ng	0.00
87) Perylene-d12	15.34	264	386879	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	110380	11.21	ng	0.00
7) Phenol-d6	6.39	99	420316	35.09	ng	-0.01
23) Nitrobenzene-d5	7.31	82	315882	27.76	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	7801	2.11	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	624372	32.58	ng	-0.01
79) Terphenyl-d14	12.85	244	550030	25.88	ng	0.00
Target Compounds						
71) Phenanthrene	11.29	178	126193	5.205	ng	99
75) Fluoranthene	12.48	202	199308	7.745	ng	98
78) Pyrene	12.71	202	177577	6.043	ng	99
81) Benzo(a)anthracene	13.90	228	85705	3.437	ng	94
83) Chrysene	13.93	228	84430m	3.398	ng	
88) Benzo(b)fluoranthene	14.93	252	107322m	4.209	ng	
90) Benzo(a)pyrene	15.27	252	71561	3.109	ng	# 84

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

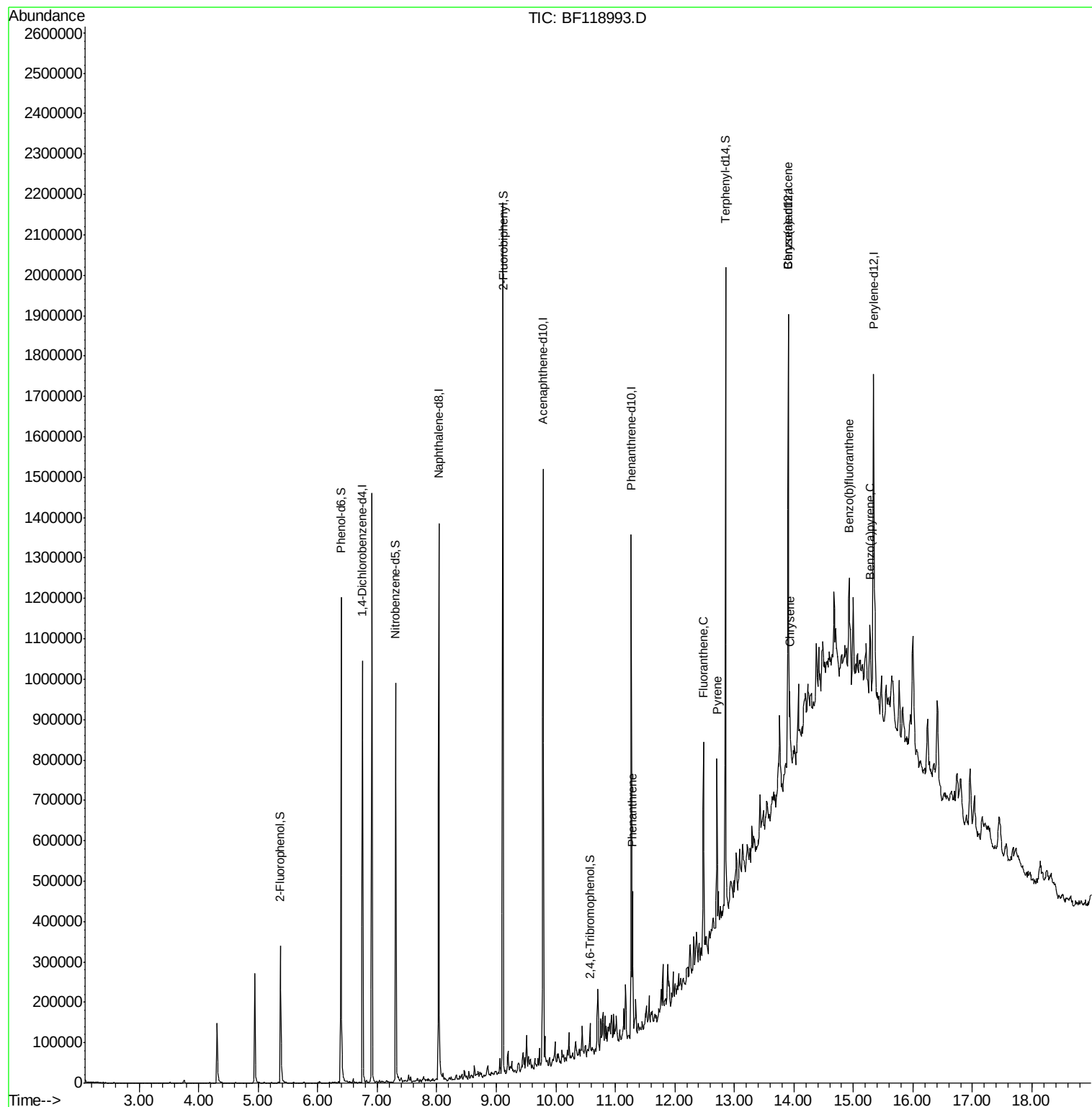
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
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ALS Vial : 5 Sample Multiplier: 1

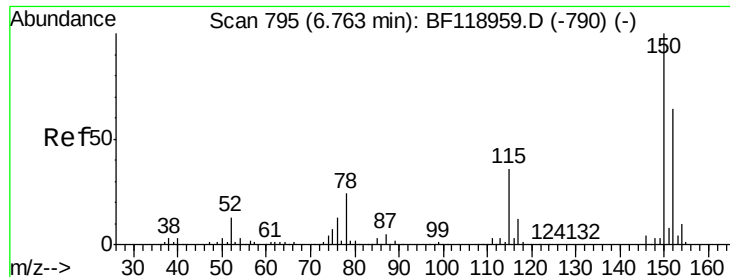
Instrument :
BNA_F
ClientSampleId :
FK-SF-01-007-BRE

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Quant Time: Feb 21 16:03:32 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

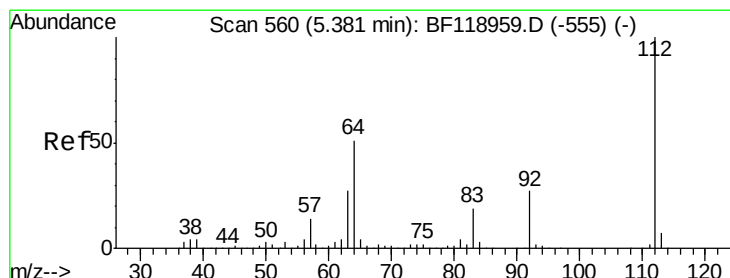
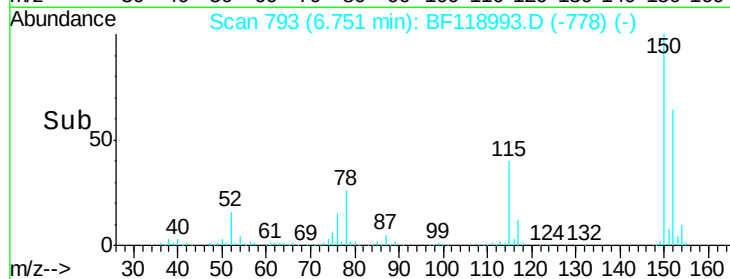
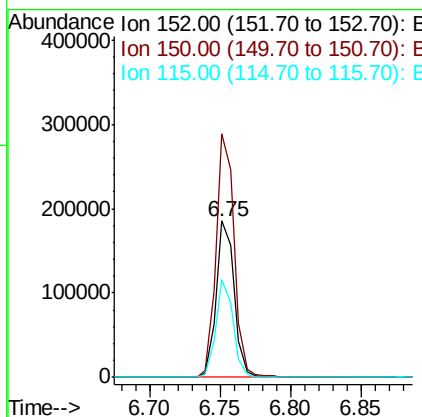
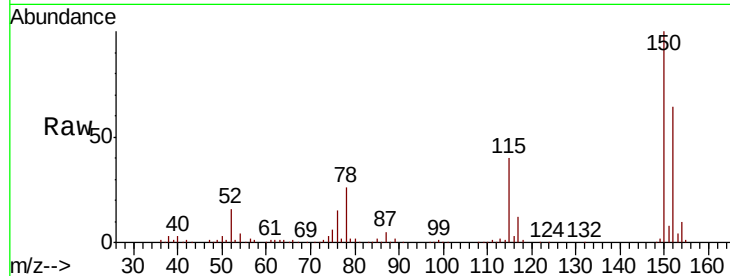
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF118993.D
Acq: 21 Feb 2020 15:23

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-007-BRE

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.3	186.5
115	62.1	44.6	67.0

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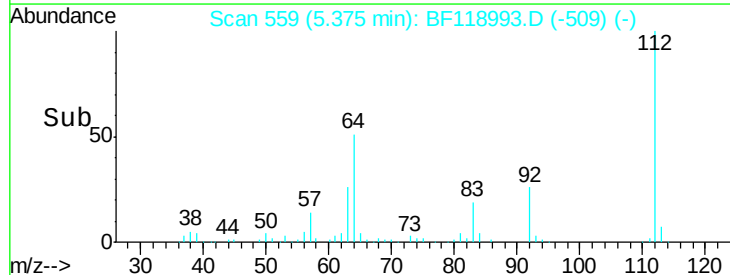
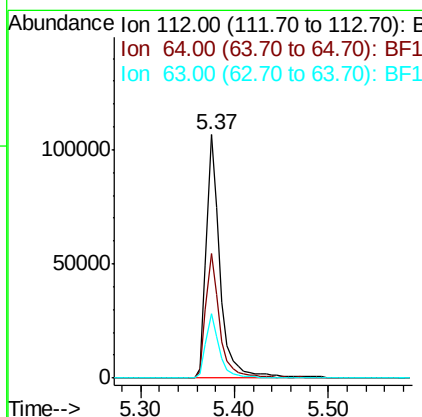
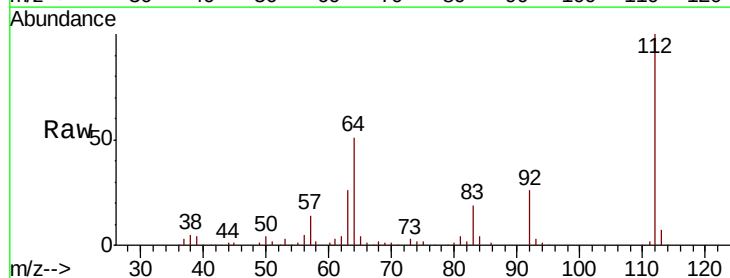
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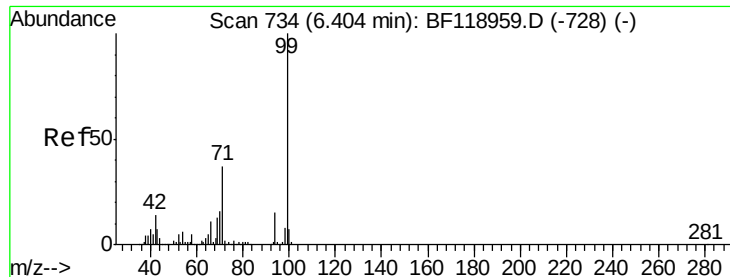


#5

2-Fluorophenol
Concen: 11.207 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF118993.D
Acq: 21 Feb 2020 15:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.2	40.4	60.6
63	26.3	21.3	31.9





#7

Phenol-d6

Concen: 35.091 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF118993.D

Acq: 21 Feb 2020 15:23

Instrument :

BNA_F

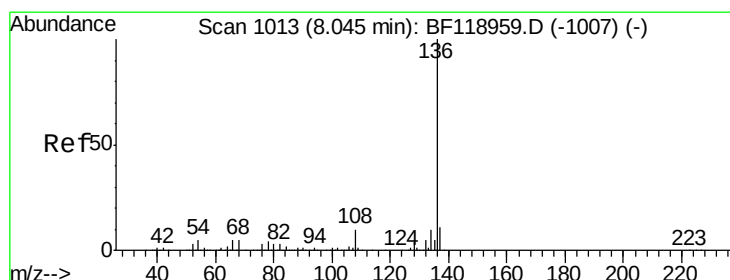
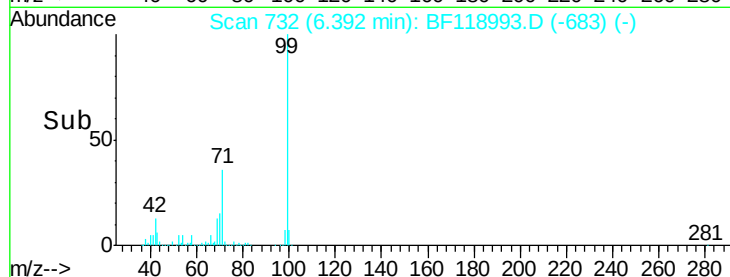
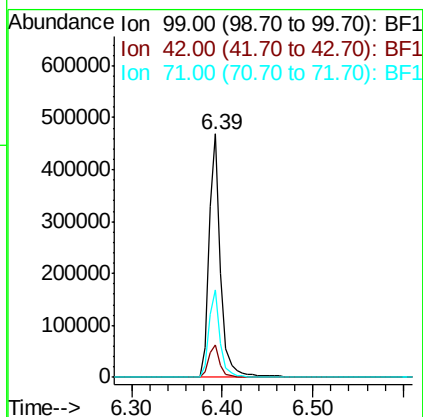
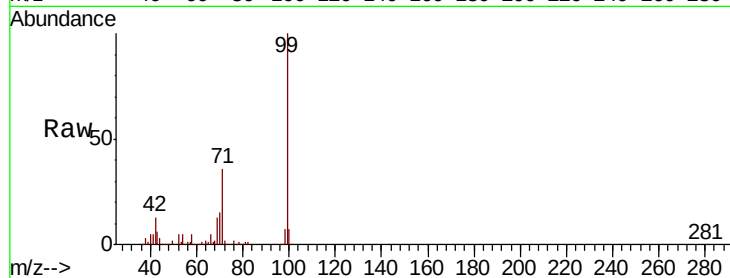
ClientSampleId :

FK-SF-01-007-BRE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		420316		
42	13.1	11.4	17.0		
71	35.8	29.8	44.6		

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#21

Naphthalene-d8

Concen: 20.000 ng

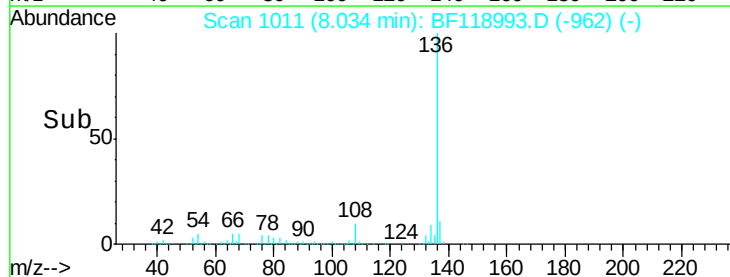
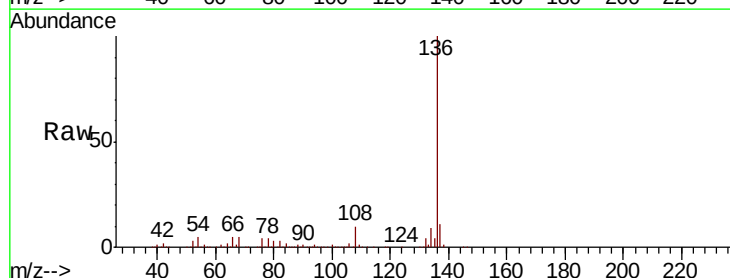
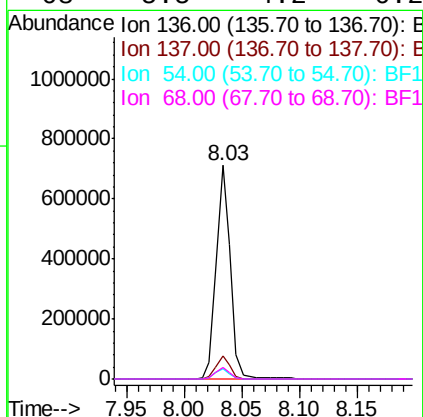
RT: 8.03 min Scan# 1011

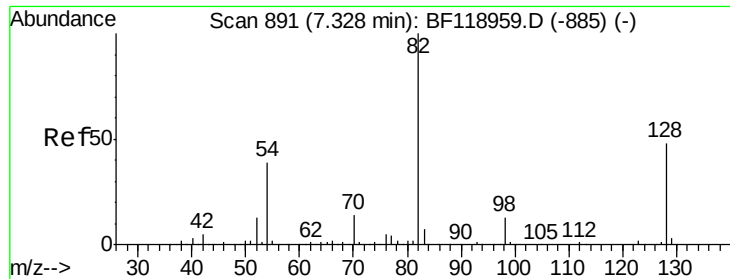
Delta R.T. -0.01 min

Lab File: BF118993.D

Acq: 21 Feb 2020 15:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		600841		
137	10.8	8.9	13.3		
54	5.0	3.8	5.6		
68	5.5	4.2	6.2		





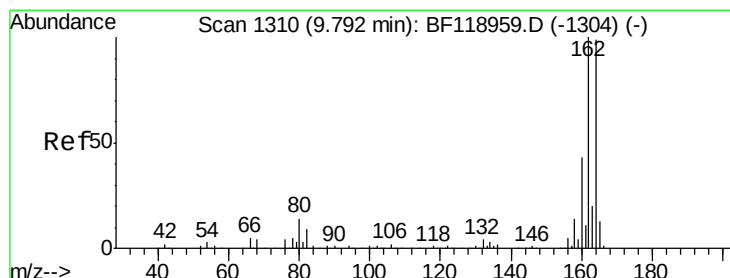
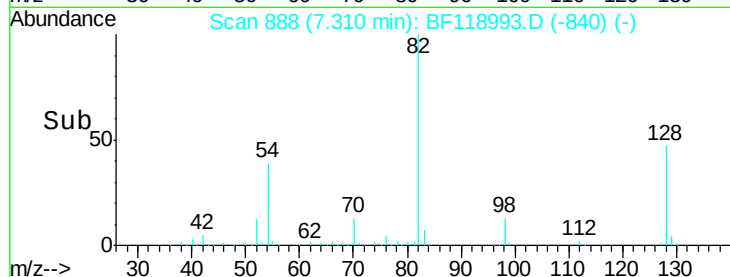
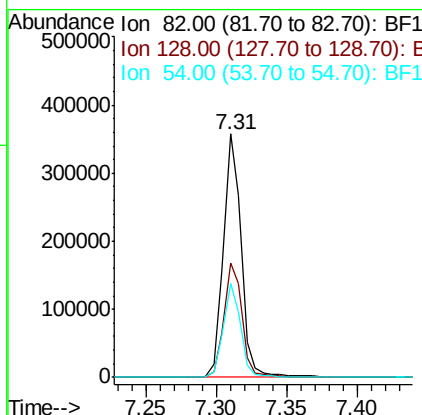
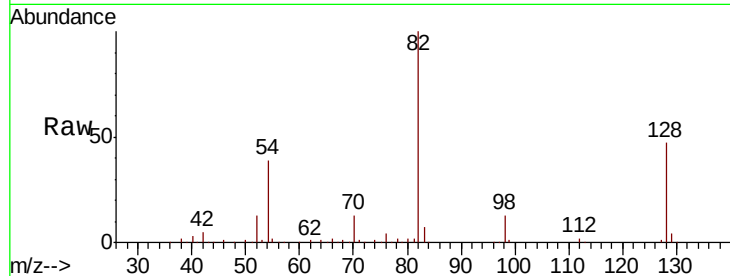
#23
Nitrobenzene-d5
Concen: 27.759 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF118993.D
Acq: 21 Feb 2020 15:23

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-007-BRE

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.9	38.2	57.2	
54	38.7	31.3	46.9	

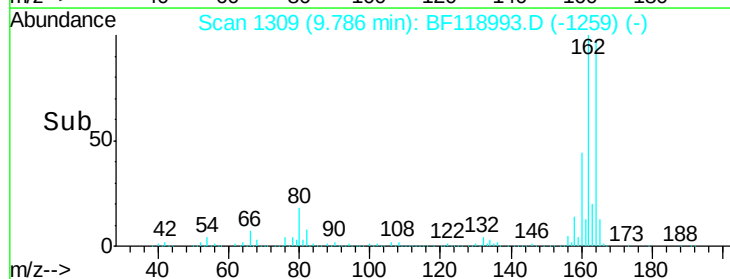
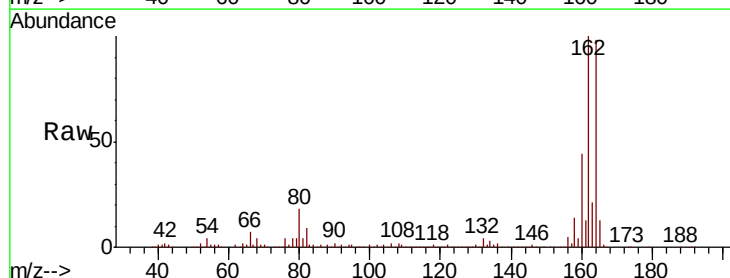
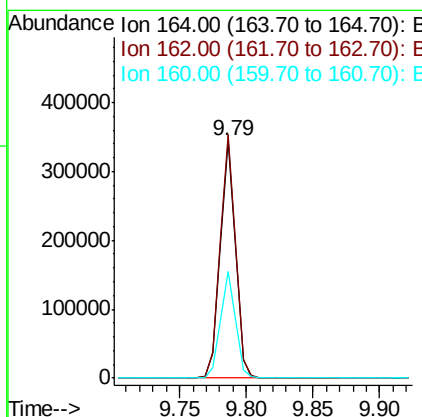
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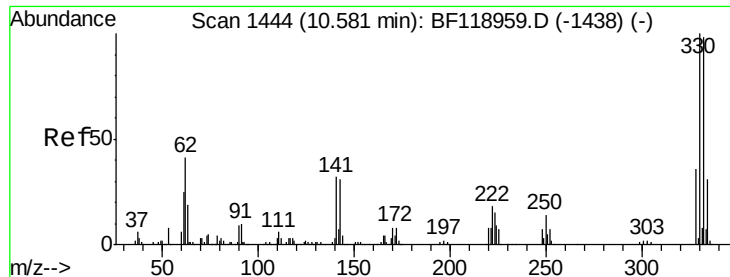
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF118993.D
Acq: 21 Feb 2020 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.4	81.2	121.8	
160	44.9	35.2	52.8	





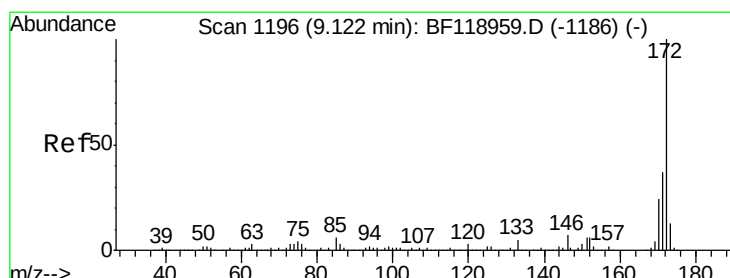
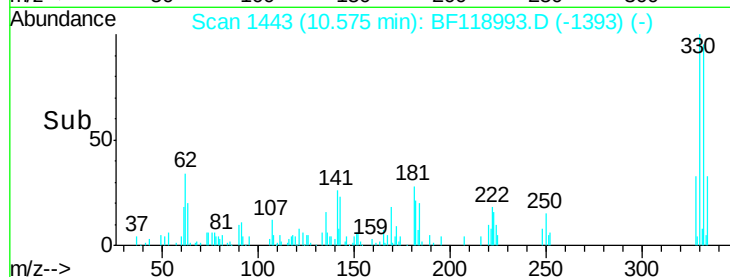
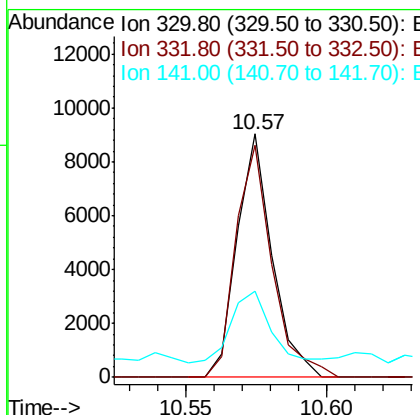
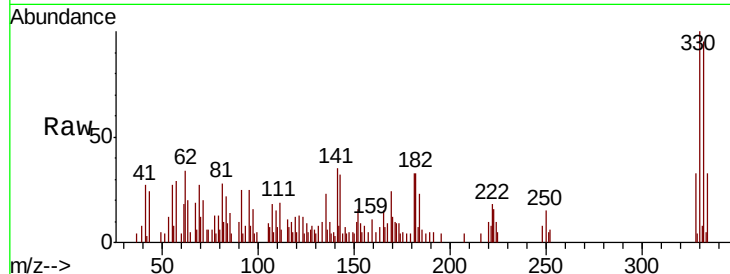
#42
 2,4,6-Tribromophenol
 Concen: 2.112 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF118993.D
 Acq: 21 Feb 2020 15:23

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-007-BRE

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.1	115.7
141	33.3	23.0	34.6

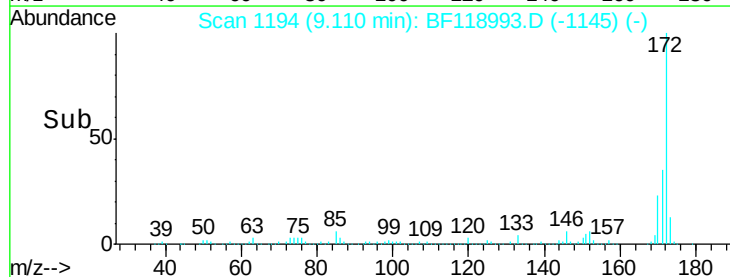
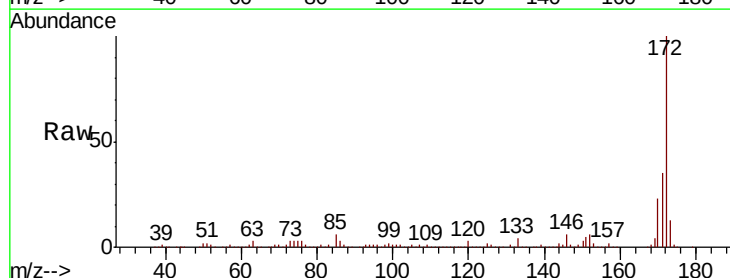
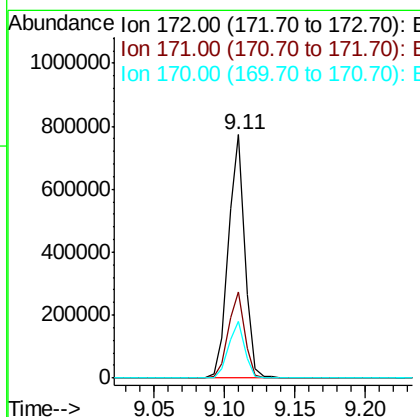
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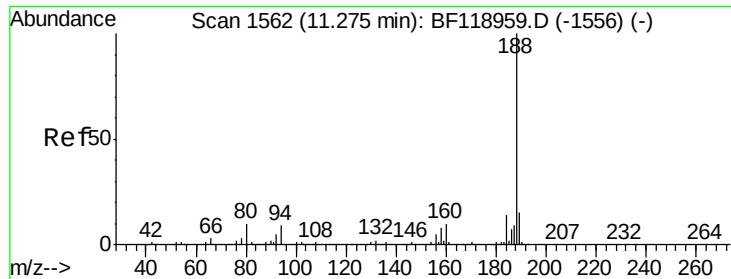
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#45
 2-Fluorobiphenyl
 Concen: 32.579 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF118993.D
 Acq: 21 Feb 2020 15:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.4	44.2
170	23.4	19.6	29.4





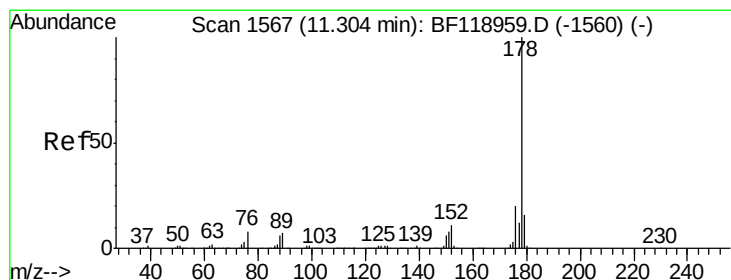
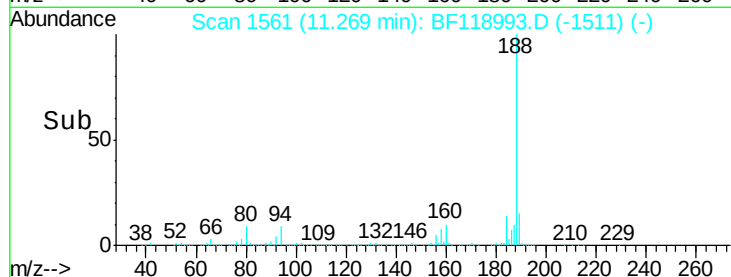
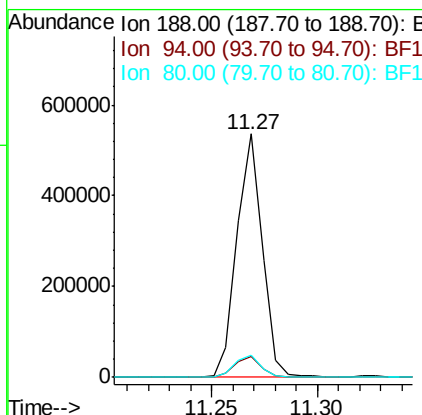
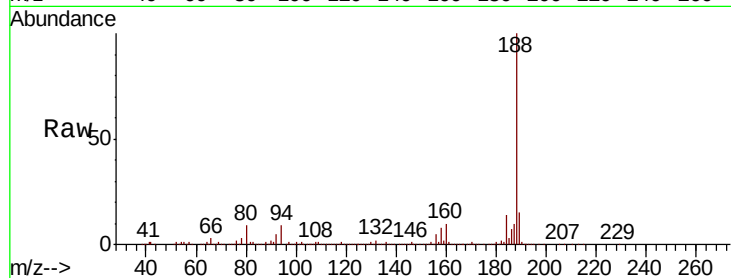
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF118993.D
Acq: 21 Feb 2020 15:23

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-007-BRE

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.8	7.0	10.6
80	9.2	7.9	11.9

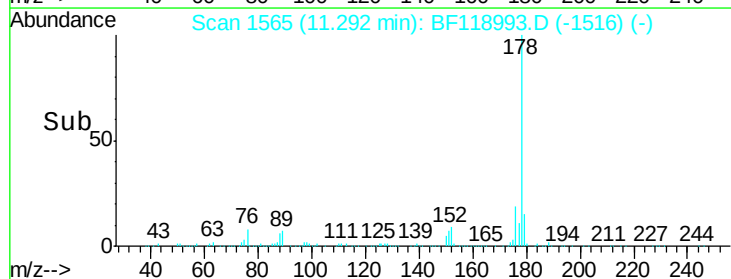
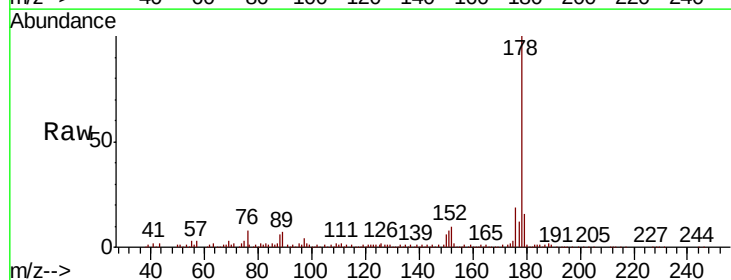
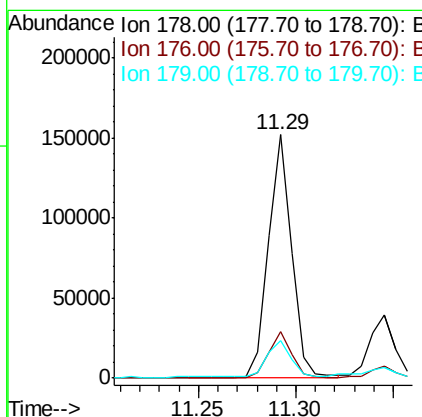
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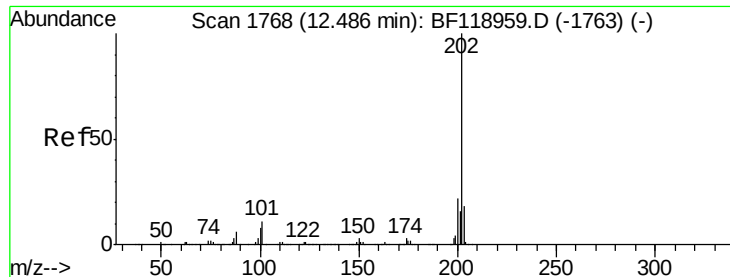
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#71
Phenanthrene
Concen: 5.205 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF118993.D
Acq: 21 Feb 2020 15:23

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.9	15.6	23.4
179	15.6	12.6	18.8





#75

Fluoranthene

Concen: 7.745 ng

RT: 12.48 min Scan# 1767

Delta R.T. -0.01 min

Lab File: BF118993.D

Acq: 21 Feb 2020 15:23

Instrument :

BNA_F

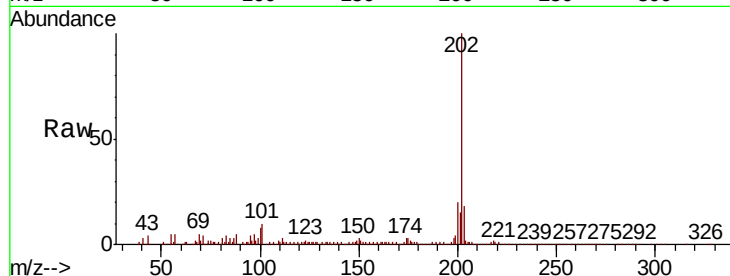
ClientSampleId :

FK-SF-01-007-BRE

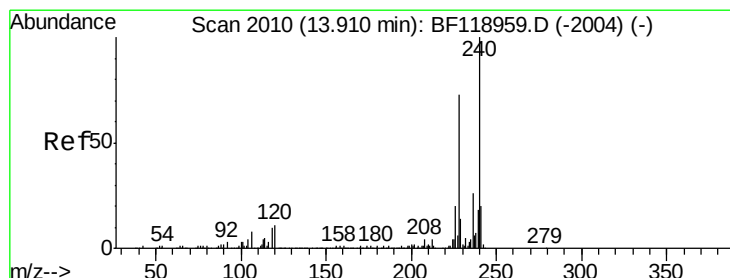
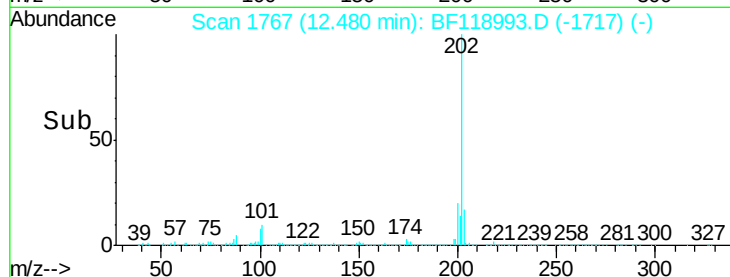
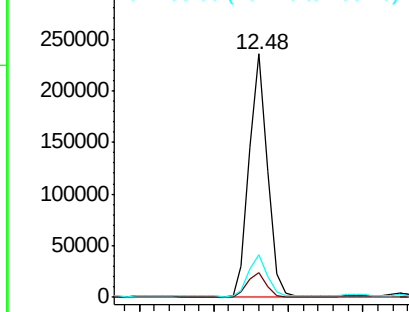
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.0	0.0	31.1
203	17.7	0.0	38.1

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

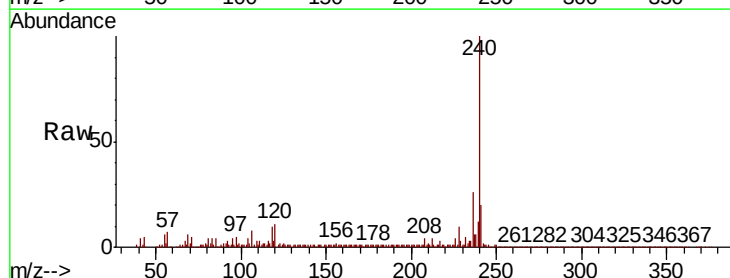
RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

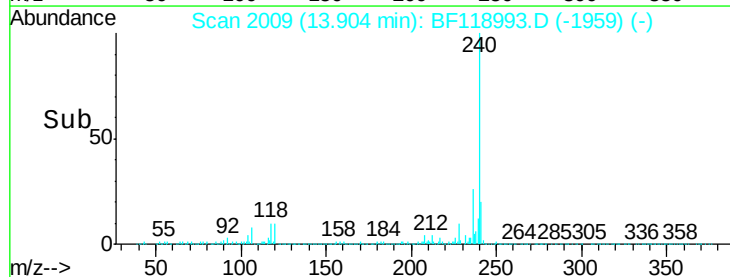
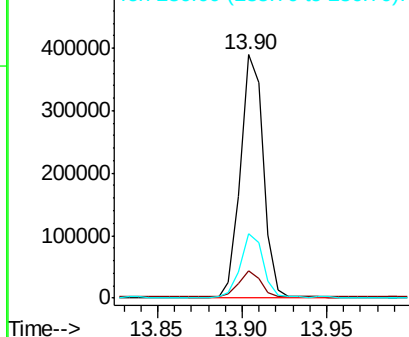
Lab File: BF118993.D

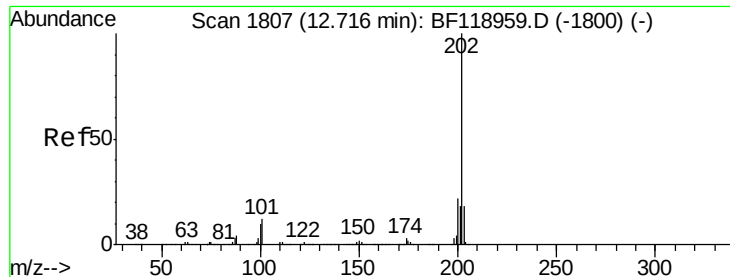
Acq: 21 Feb 2020 15:23

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.1	8.9	13.3
236	26.3	20.6	30.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





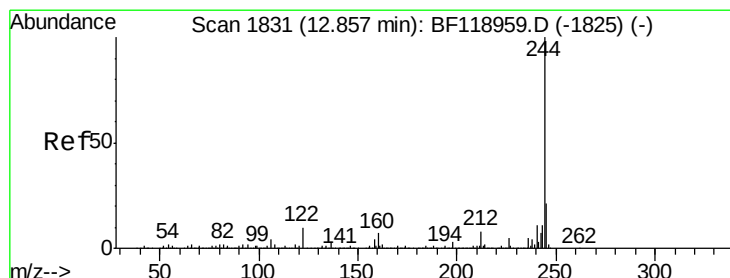
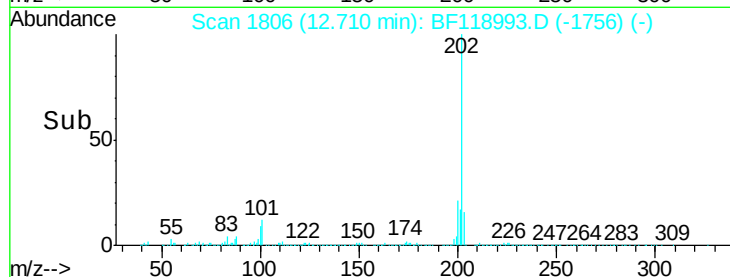
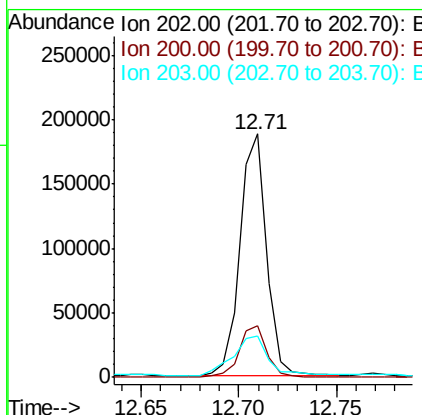
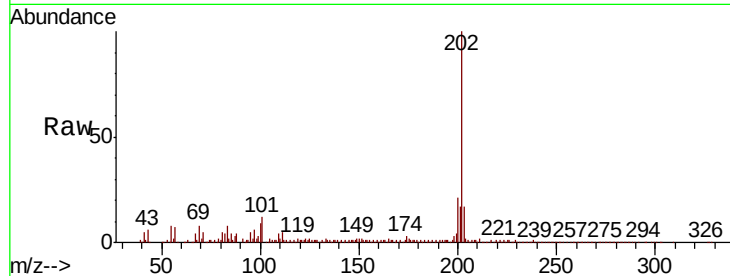
#78
Pvrene
Concen: 6.043 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF118993.D
Acq: 21 Feb 2020 15:23

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-007-BRE

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.0
203	17.2	14.5	21.7

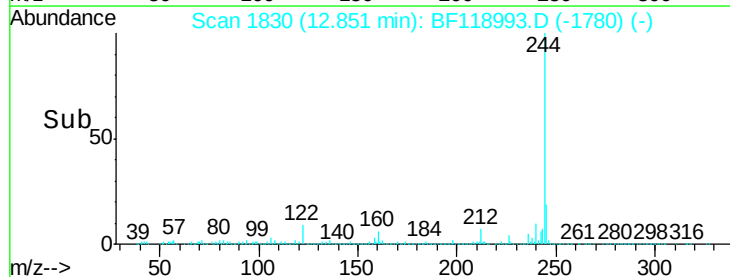
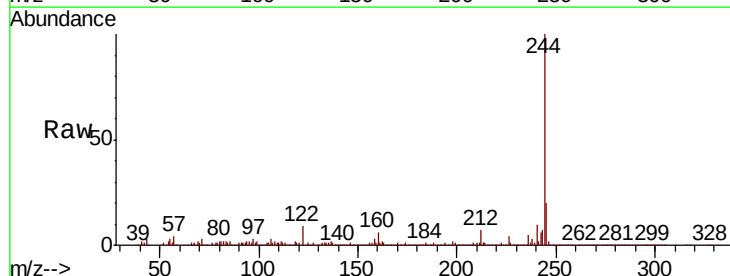
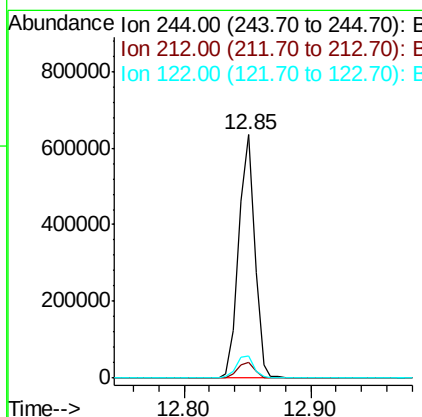
Manual Integrations
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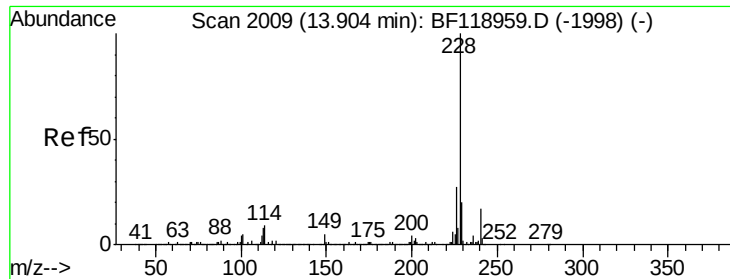
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#79
Terphenyl-d14
Concen: 25.879 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF118993.D
Acq: 21 Feb 2020 15:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.3	9.5
122	9.2	8.4	12.6





#81

Benzo(a)anthracene

Concen: 3.437 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF118993.D

Acq: 21 Feb 2020 15:23

Instrument :

BNA_F

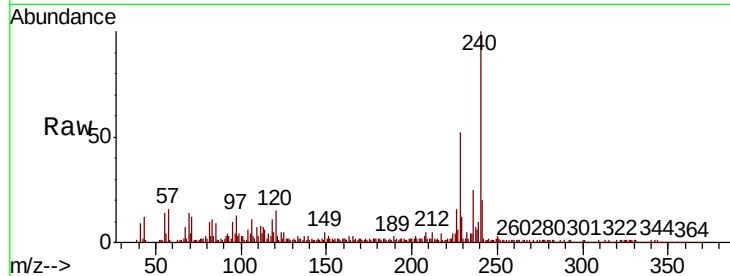
ClientSampleId :

FK-SF-01-007-BRE

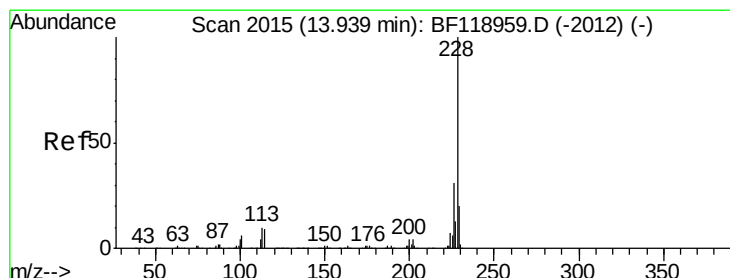
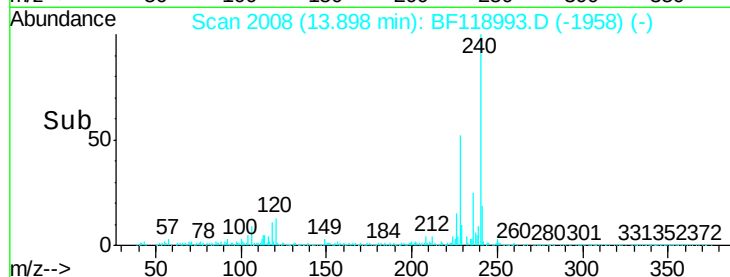
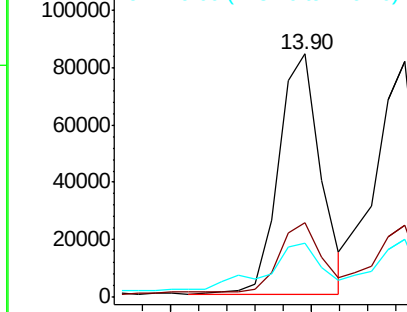
Tot Ion:	228	Resp:	85705
Ion Ratio	Lower	Upper	
228	100		
226	30.6	21.8	32.8
229	22.2	16.0	24.0

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 3.398 ng m

RT: 13.93 min Scan# 2014

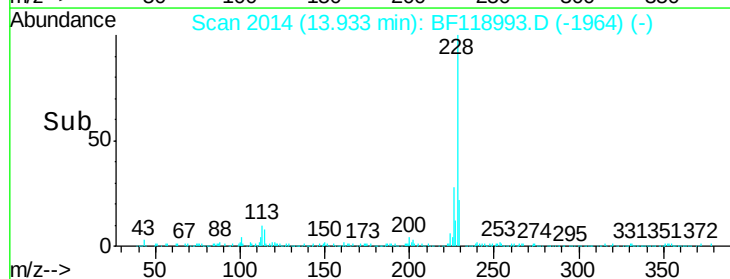
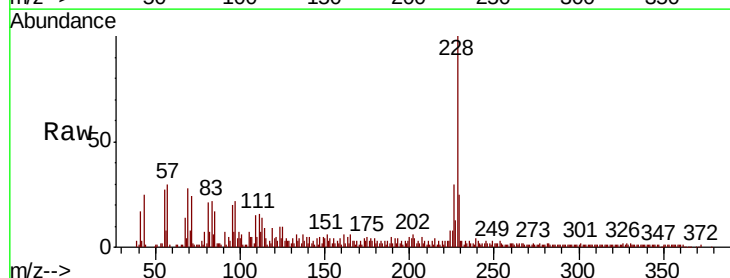
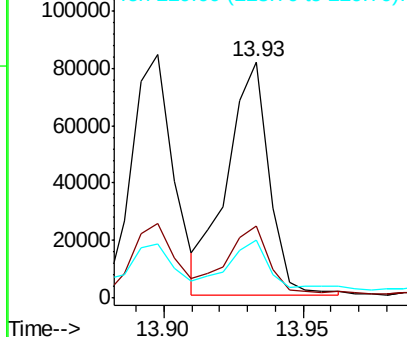
Delta R.T. -0.01 min

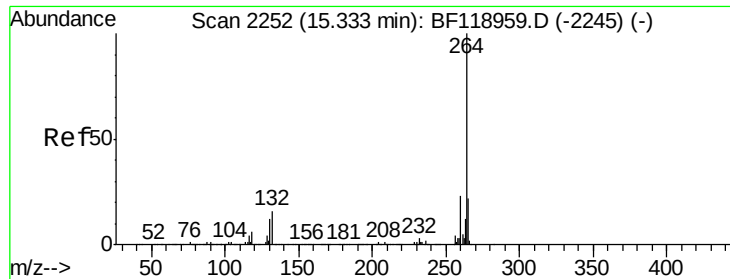
Lab File: BF118993.D

Acq: 21 Feb 2020 15:23

Tgt Ion:	228	Resp:	84430
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.6	37.0
229	24.5	16.2	24.2

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





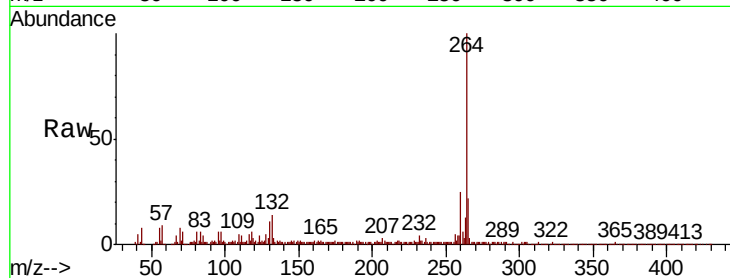
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF118993.D
Acq: 21 Feb 2020 15:23

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-007-BRE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	28.0
265	22.4	17.3	25.9

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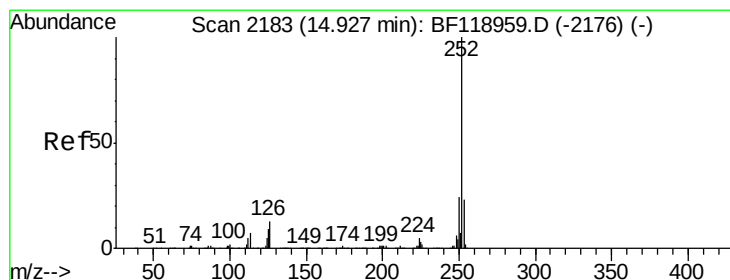
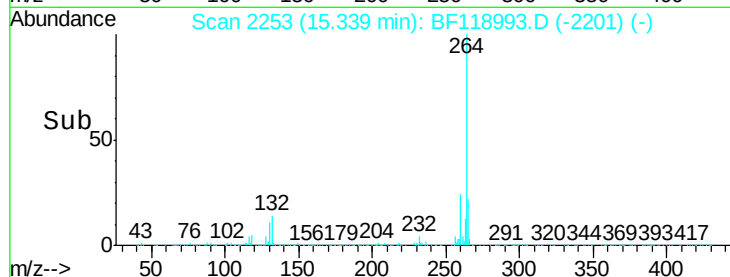
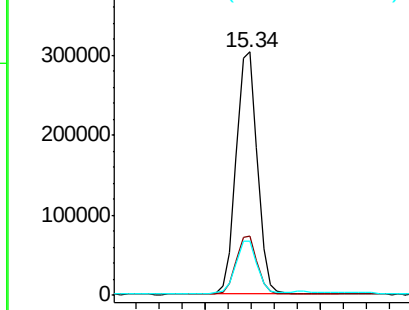


Abundance

Ion 264.00 (263.70 to 264.70): E

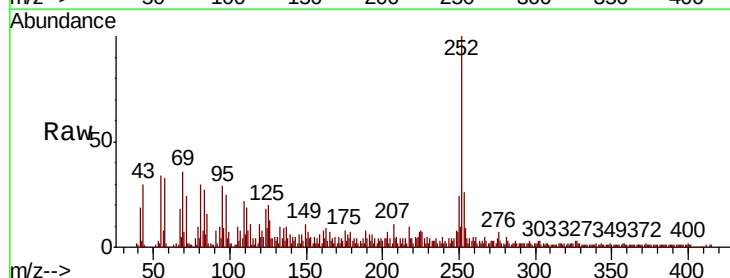
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 4.209 ng m
RT: 14.93 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BF118993.D
Acq: 21 Feb 2020 15:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.2	27.2
125	19.7	7.4	11.0

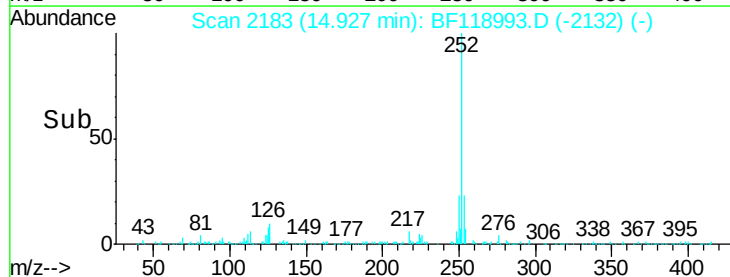
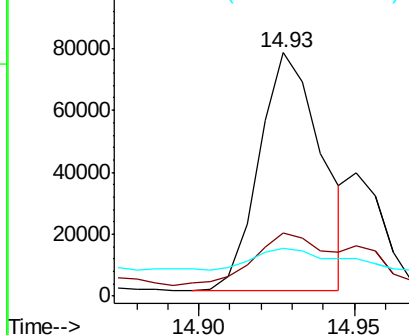


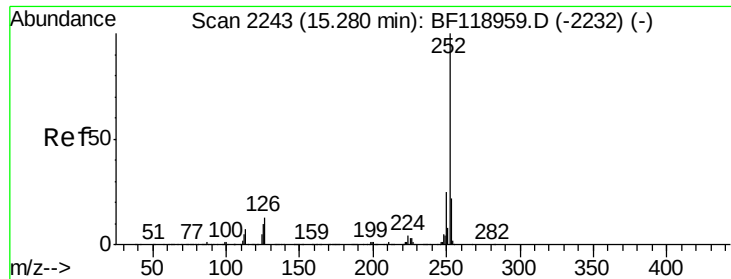
Abundance

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





#90
 Benzo(a)pyrene
 Concen: 3.109 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: BF118993.D
 Acq: 21 Feb 2020 15:23

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-007-BRE

Tot Ion:	252	Resp:	71561
Ion Ratio	Lower	Upper	
252	100		
253	26.7	17.9	26.9
125	21.3	7.8	11.6#

Manual Integrations
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