

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119887.D
 Acq On : 9 Apr 2020 23:14
 Operator : MA/SJ
 Sample : L2153-06
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-2520699

Manual Integrations
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mohammad
 4/10/2020 9:57:56 AM

Quant Time: Apr 10 03:57:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 01:21:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	178452	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	629862	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	257715	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	360847	20.00	ng	0.00
76) Chrysene-d12	13.94	240	340271	20.00	ng	0.00
87) Perylene-d12	15.38	264	297507	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1535456	148.70	ng	0.02
7) Phenol-d6	6.41	99	1918928	144.22	ng	0.00
23) Nitrobenzene-d5	7.33	82	1166741	95.83	ng	0.00
42) 2,4,6-Tribromophenol	10.61	330	352015	111.56	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1846943	101.75	ng	0.00
79) Terphenyl-d14	12.90	244	1477544	73.07	ng	0.01
Target Compounds						
50) Dimethylphthalate	9.53	163	284878	14.291	ng	# 99
71) Phenanthrene	11.33	178	58610	3.052	ng	# 57
75) Fluoranthene	12.52	202	151423	7.308	ng	92
78) Pyrene	12.75	202	141765	4.942	ng	97
81) Benzo(a)anthracene	13.93	228	85663	3.827	ng	97
83) Chrysene	13.97	228	91386m	4.018	ng	
86) Indeno(1,2,3-cd)pyrene	16.79	276	44405	2.215	ng	95
88) Benzo(b)fluoranthene	14.96	252	115809m	5.411	ng	
89) Benzo(k)fluoranthene	14.99	252	39129m	2.119	ng	
90) Benzo(a)pyrene	15.32	252	74469	4.138	ng	# 94
92) Benzo(g,h,i)perylene	17.22	276	41982m	2.668	ng	

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

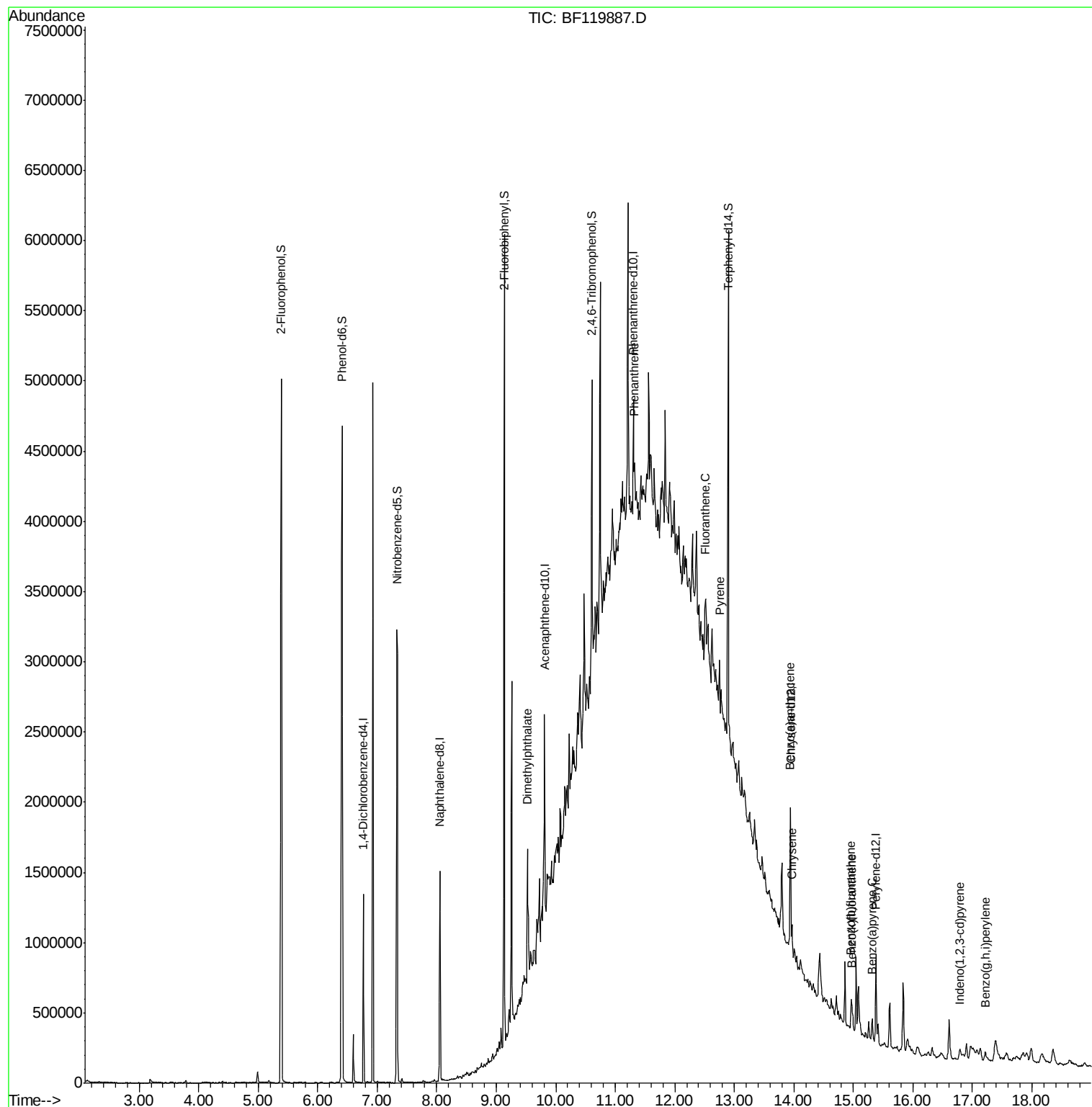
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119887.D
Acq On : 9 Apr 2020 23:14
Operator : MA/SJ
Sample : L2153-06
Misc :
ALS Vial : 52 Sample Multiplier: 1

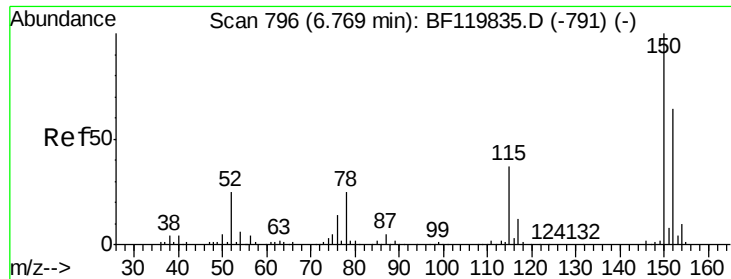
Instrument :
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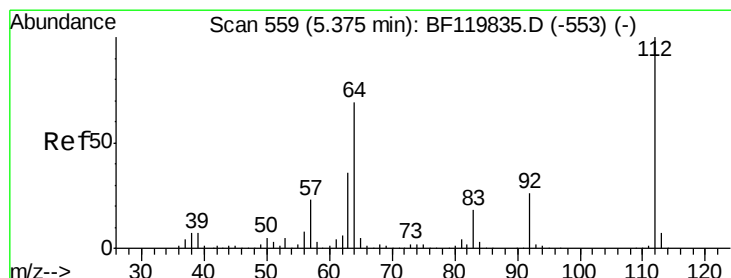
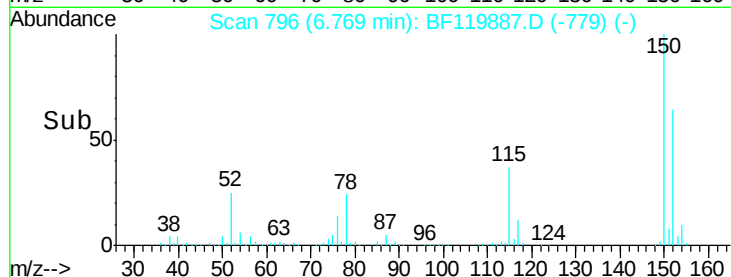
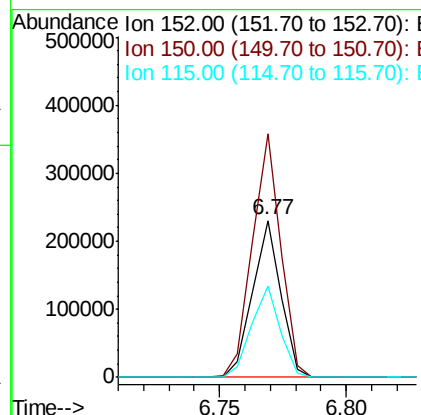
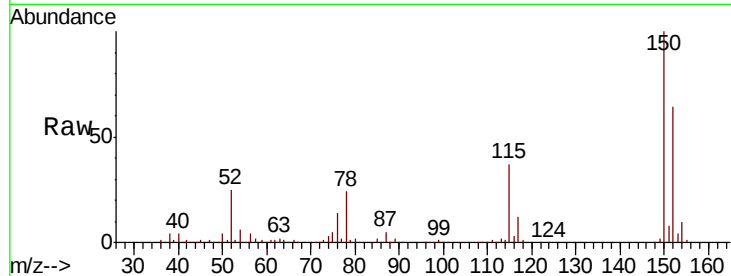
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF119887.D
 Acq: 9 Apr 2020 23:14

Instrument :
 BNA_F
 ClientSampleId :
 RBR-2520699

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.8	187.2
115	58.2	46.5	69.7

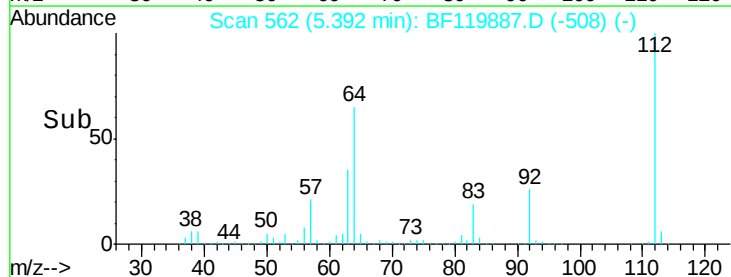
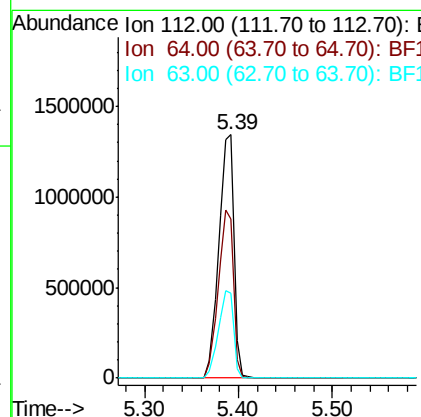
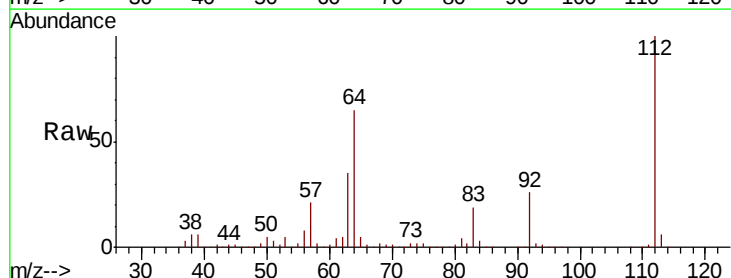
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#5
 2-Fluorophenol
 Concen: 148.698 ng
 RT: 5.39 min Scan# 562
 Delta R.T. 0.02 min
 Lab File: BF119887.D
 Acq: 9 Apr 2020 23:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.5	55.5	83.3
63	34.9	29.1	43.7





#7

Phenol-d6

Concen: 144.220 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF119887.D

Acq: 9 Apr 2020 23:14

Instrument :

BNA_F

ClientSampleId :

RBR-2520699

Tot Ion: 99 Resp: 1918928

Ion Ratio Lower Upper

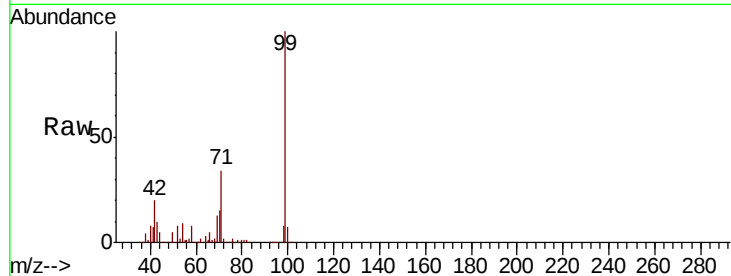
99 100

42 20.2 16.9 25.3

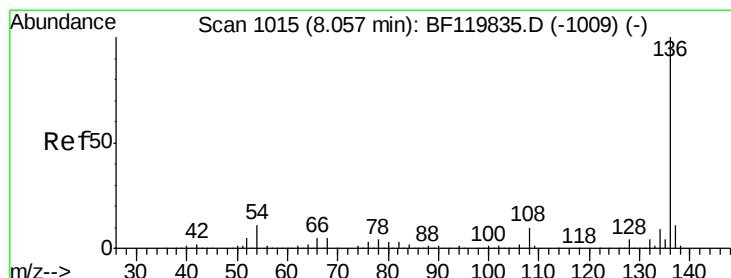
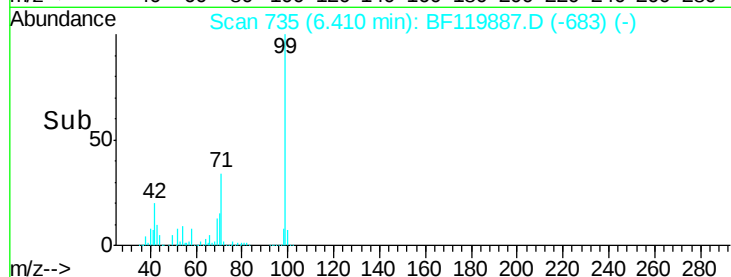
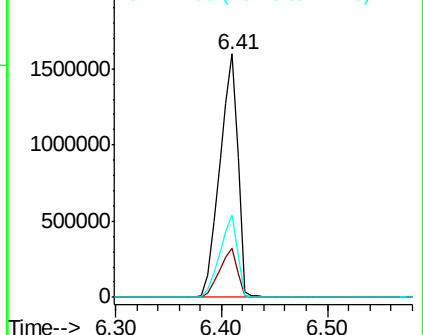
71 34.1 26.3 39.5

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF119887.D

Acq: 9 Apr 2020 23:14

Tgt Ion: 136 Resp: 629862

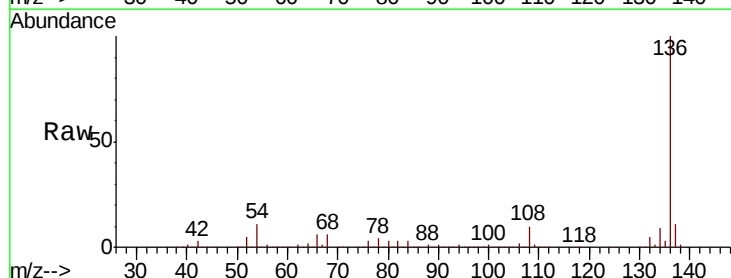
Ion Ratio Lower Upper

136 100

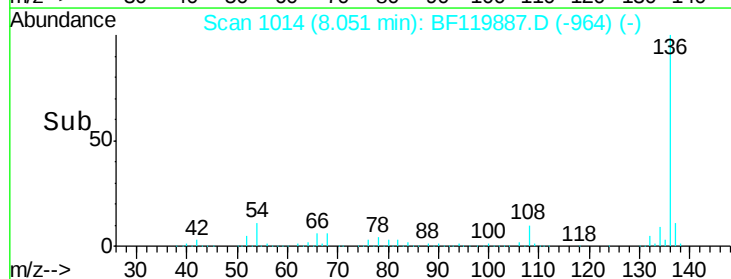
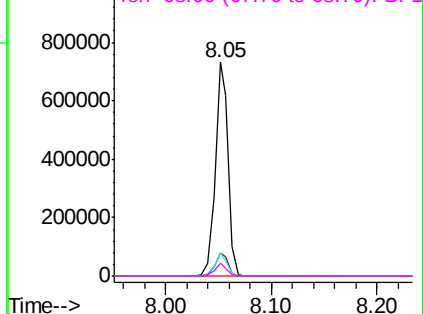
137 11.1 8.7 13.1

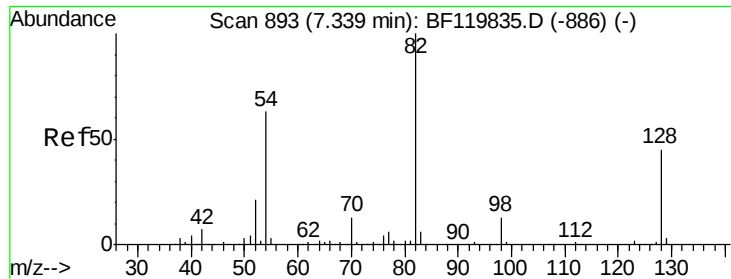
54 10.9 8.5 12.7

68 5.7 3.9 5.9



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





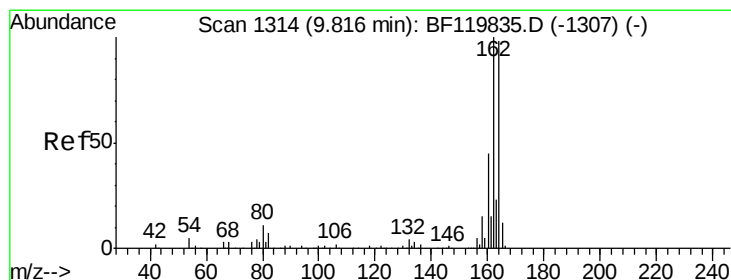
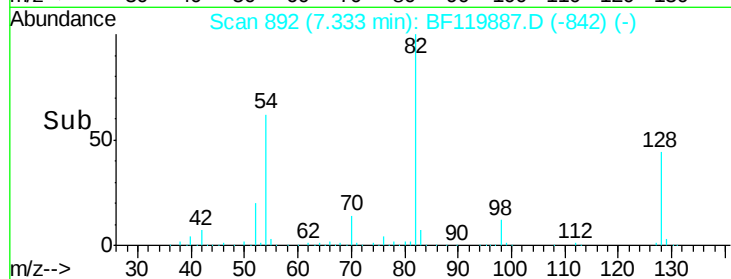
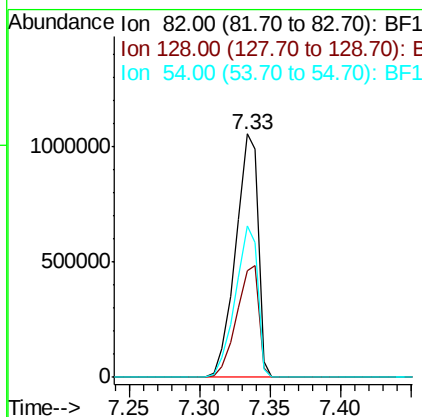
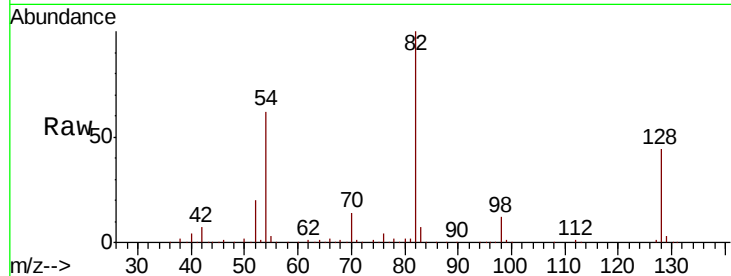
#23
Nitrobenzene-d5
Concen: 95.830 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF119887.D
Acq: 9 Apr 2020 23:14

Instrument :
BNA_F
ClientSampleId :
RBR-2520699

Tot Ion	82	Resp	1166741
Ion Ratio	100	Lower	Upper
82	100		
128	43.7	36.2	54.4
54	62.0	50.4	75.6

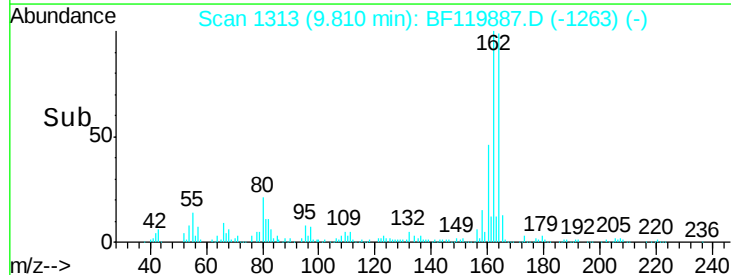
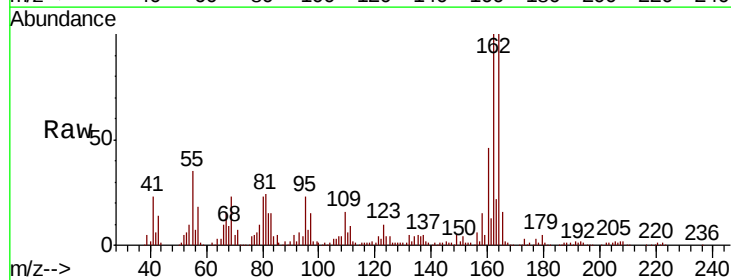
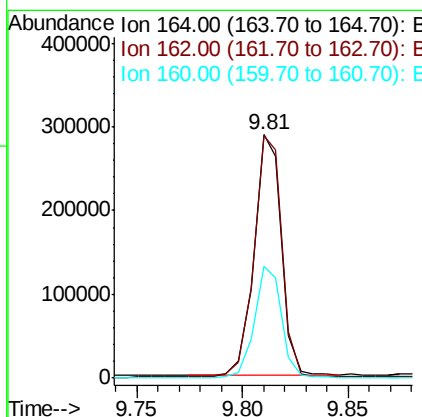
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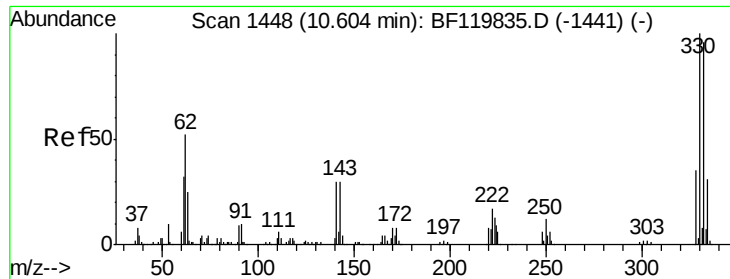
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF119887.D
Acq: 9 Apr 2020 23:14

Tgt Ion	164	Resp	257715
Ion Ratio	100	Lower	Upper
164	100		
162	99.7	81.9	122.9
160	45.7	36.6	54.8





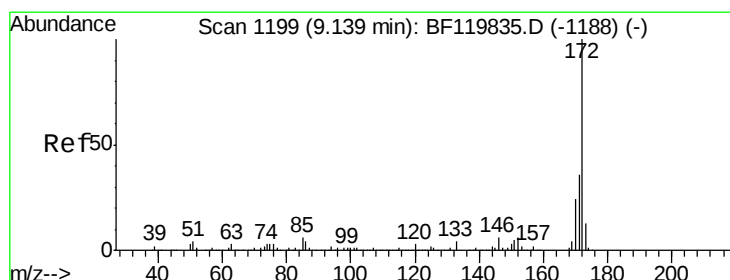
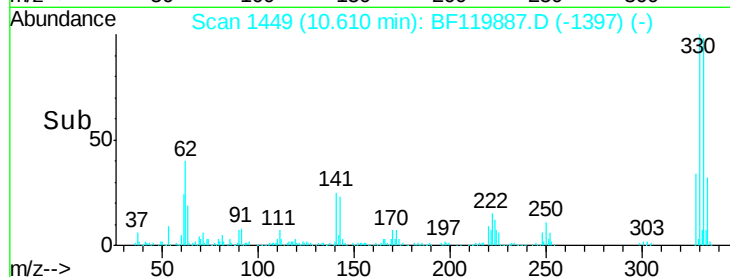
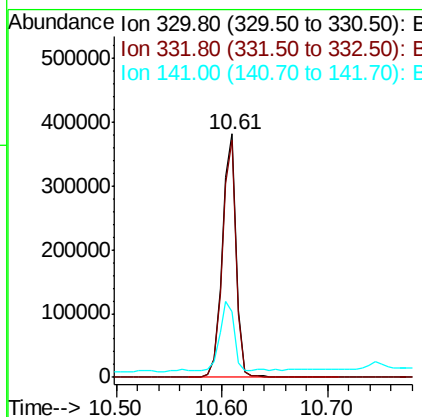
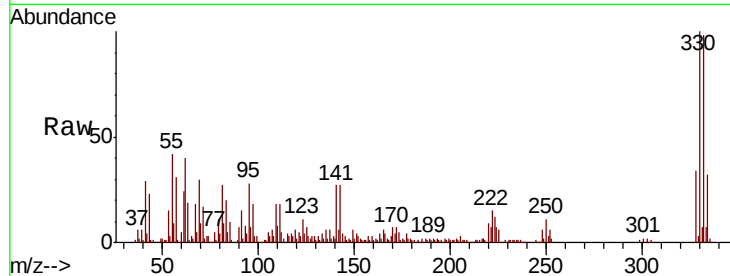
#42
 2,4,6-Tribromophenol
 Concen: 111.563 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.01 min
 Lab File: BF119887.D
 Acq: 9 Apr 2020 23:14

Instrument :
 BNA_F
 ClientSampleId :
 RBR-2520699

Tot Ion	Ratio	Resp	Lower	Upper
330	100	352015		
332	96.4	76.8	115.2	
141	29.5	25.1	37.7	

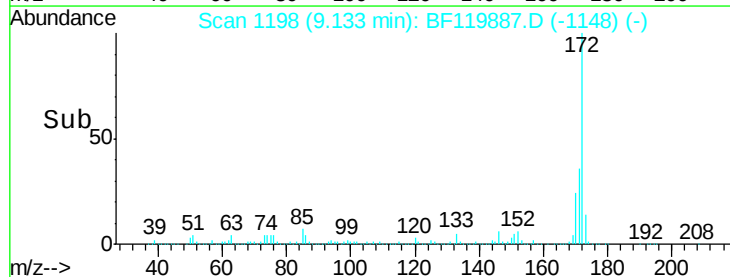
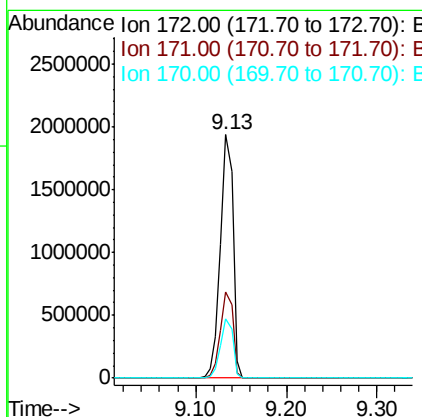
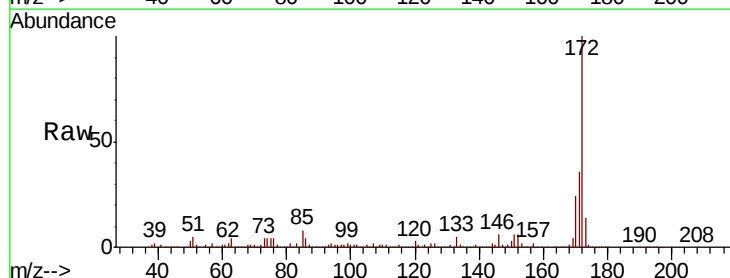
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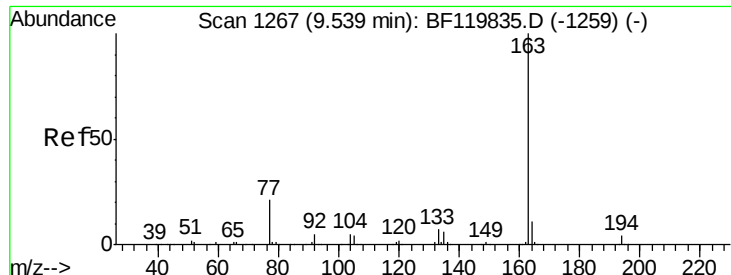
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#45
 2-Fluorobiphenyl
 Concen: 101.750 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF119887.D
 Acq: 9 Apr 2020 23:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1846943		
171	35.6	28.9	43.3	
170	24.4	19.4	29.2	





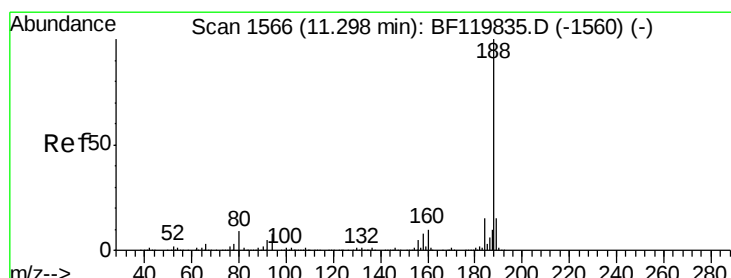
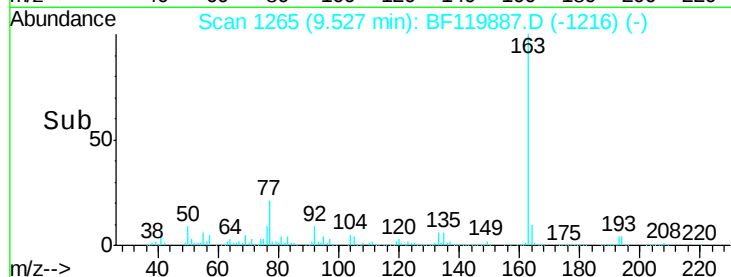
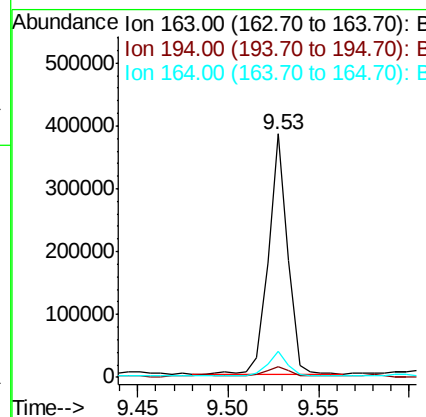
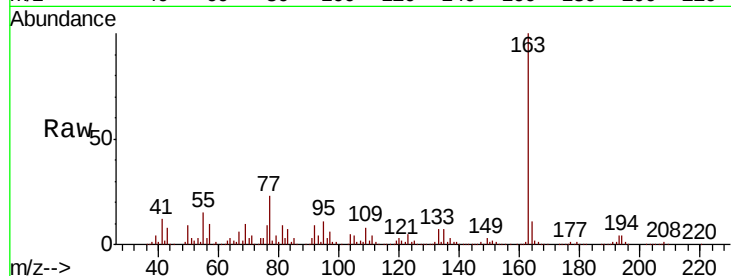
#50
Dimethylphthalate
Concen: 14.291 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF119887.D
Acq: 9 Apr 2020 23:14

Instrument :
BNA_F
ClientSampleId :
RBR-2520699

Tot Ion	Ratio	Resp	Lower	Upper
163	100	284878		
194	4.5	3.0	4.4#	
164	10.6	8.4	12.6	

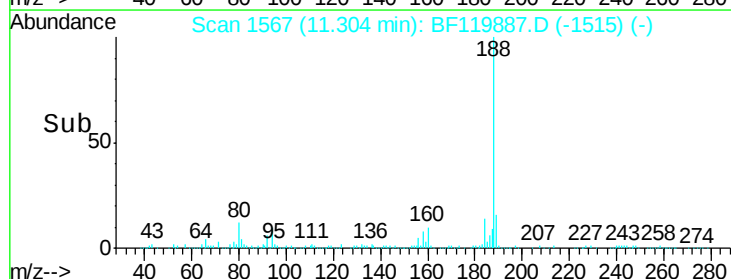
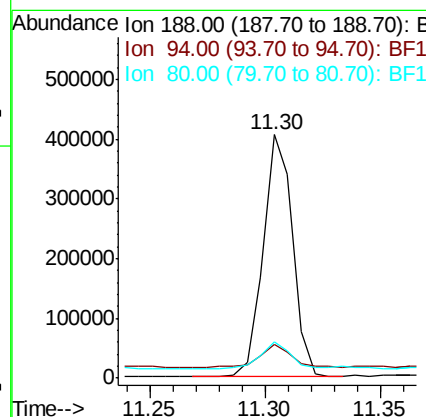
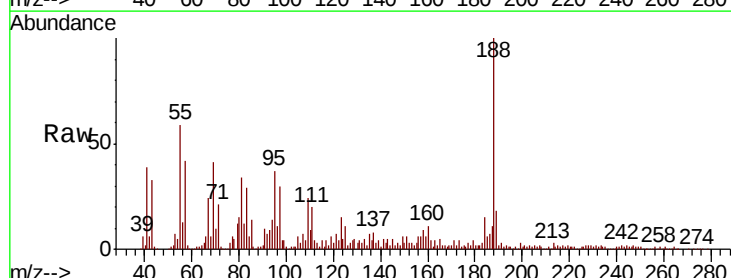
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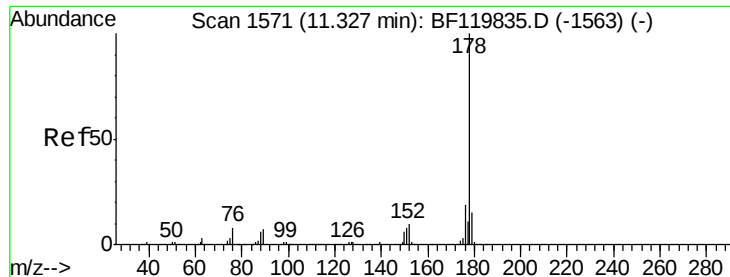
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.01 min
Lab File: BF119887.D
Acq: 9 Apr 2020 23:14

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	360847		
94	14.1	6.7	10.1#	
80	15.1	7.4	11.2#	





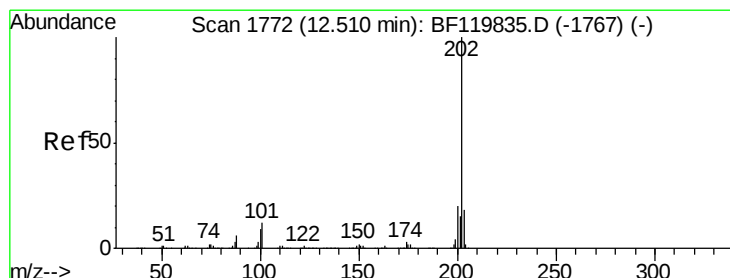
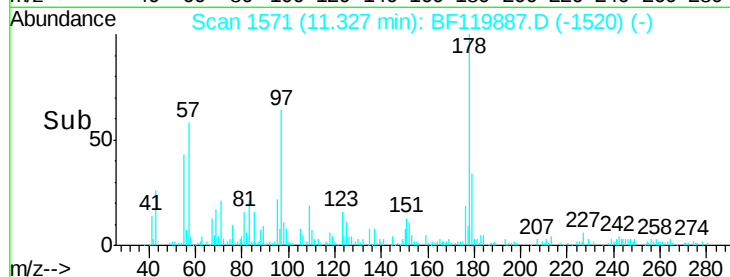
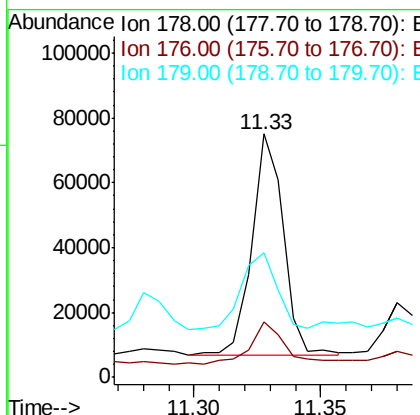
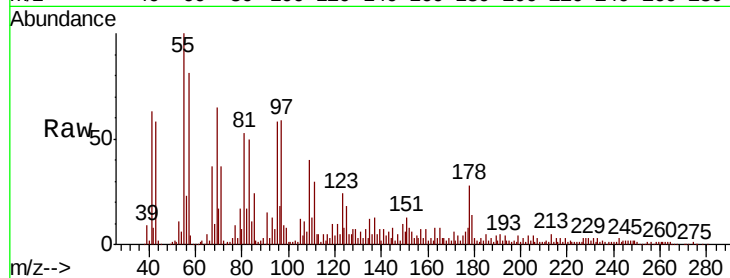
#71
Phenanthrene
Concen: 3.052 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF119887.D
Acq: 9 Apr 2020 23:14

Instrument :
BNA_F
ClientSampleId :
RBR-2520699

Tot Ion	Ratio	Lower	Upper
178	100		
176	23.0	15.1	22.7#
179	51.2	12.2	18.4#

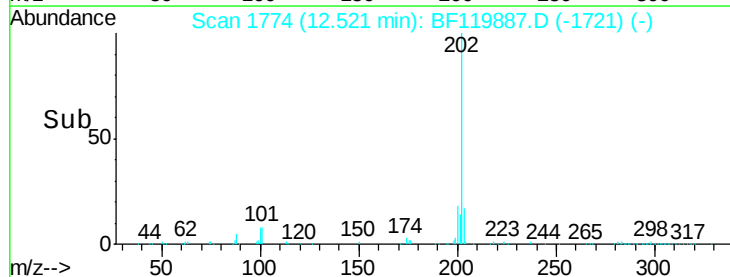
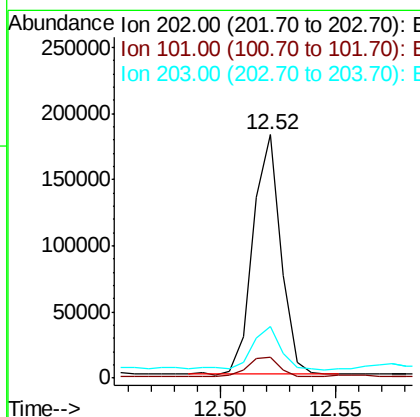
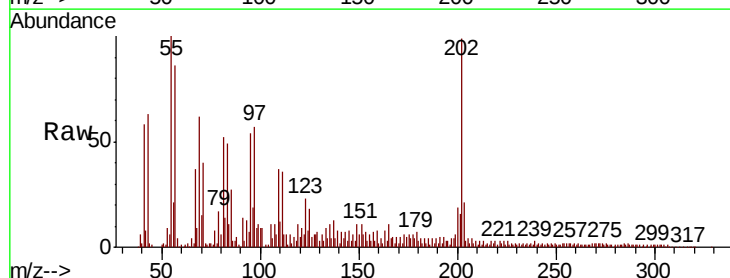
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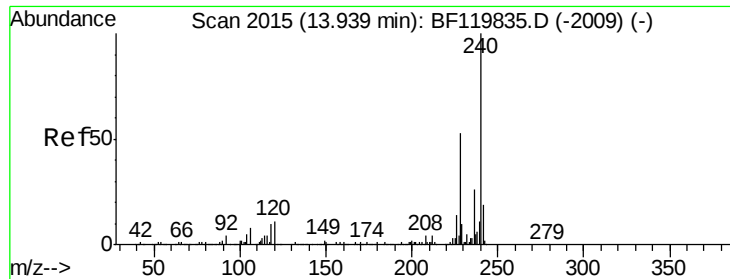
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#75
Fluoranthene
Concen: 7.308 ng
RT: 12.52 min Scan# 1774
Delta R.T. 0.01 min
Lab File: BF119887.D
Acq: 9 Apr 2020 23:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	32.3
203	21.0	0.0	37.6





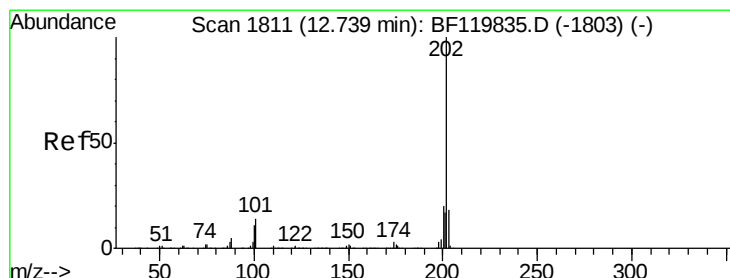
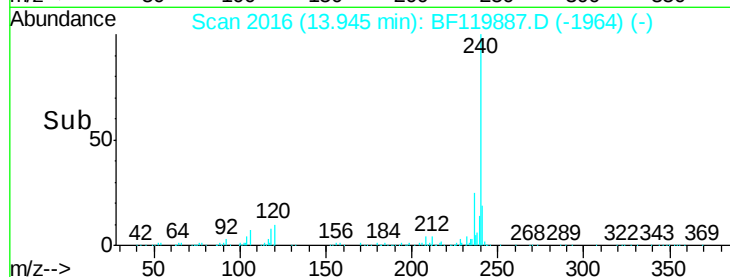
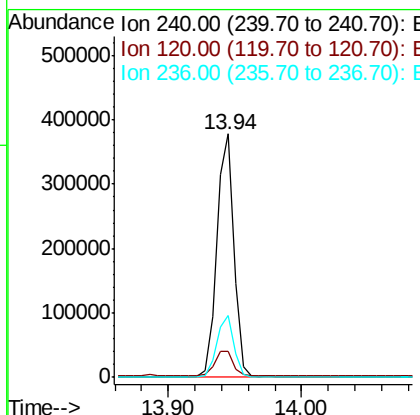
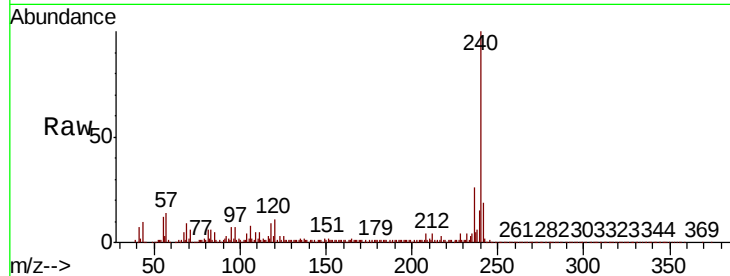
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF119887.D
Acq: 9 Apr 2020 23:14

Instrument :
BNA_F
ClientSampleId :
RBR-2520699

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.0	13.6
236	25.5	20.7	31.1

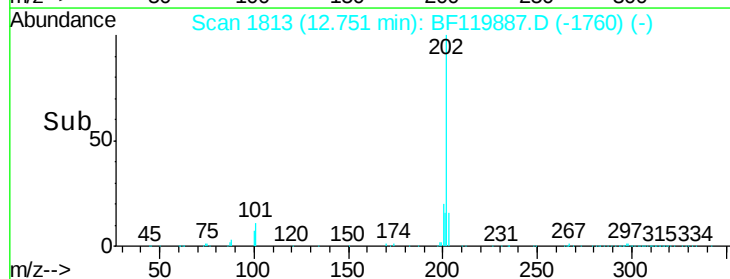
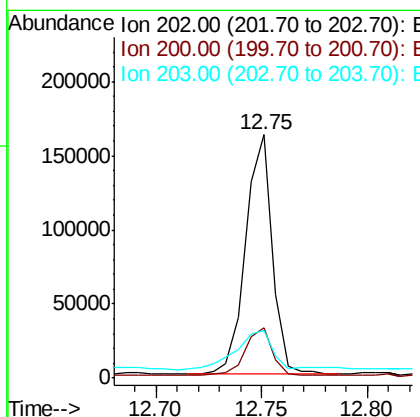
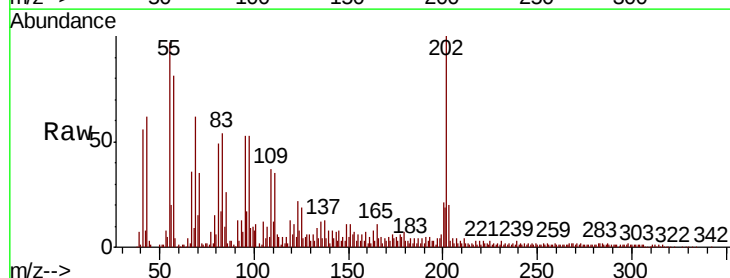
Manual Integrations
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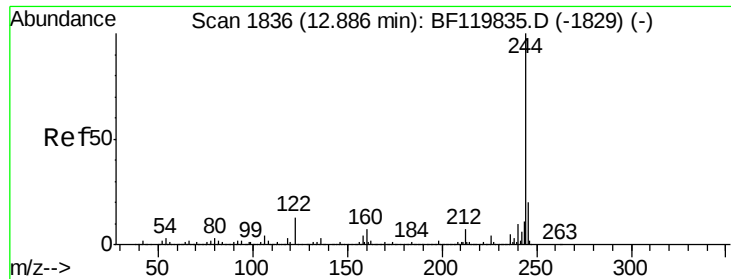
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#78
Pyrene
Concen: 4.942 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BF119887.D
Acq: 9 Apr 2020 23:14

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.2	24.2
203	19.8	14.1	21.1





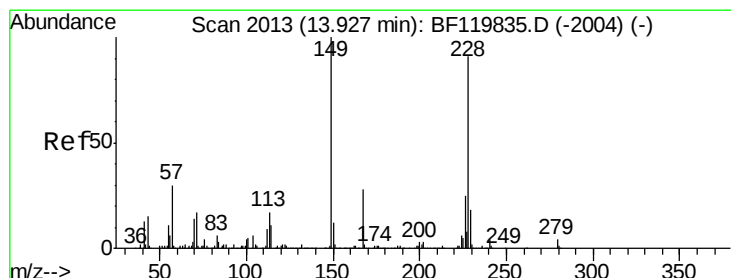
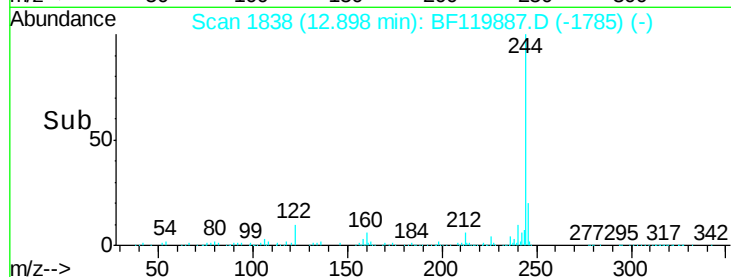
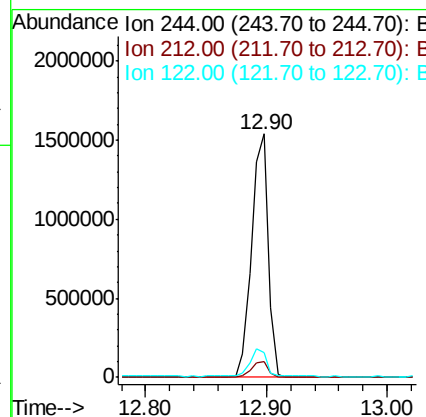
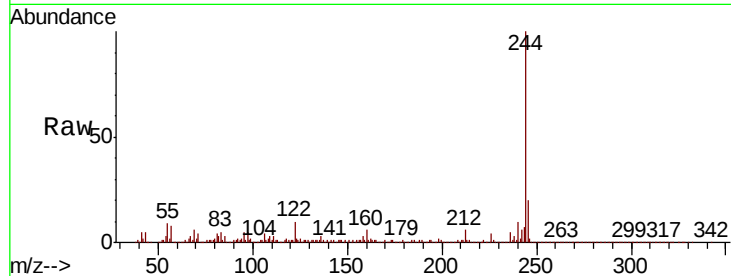
#79
 Terphenyl-d14
 Concen: 73.065 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. 0.01 min
 Lab File: BF119887.D
 Acq: 9 Apr 2020 23:14

Instrument :
 BNA_F
 ClientSampleId :
 RBR-2520699

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	10.4	10.3	15.5

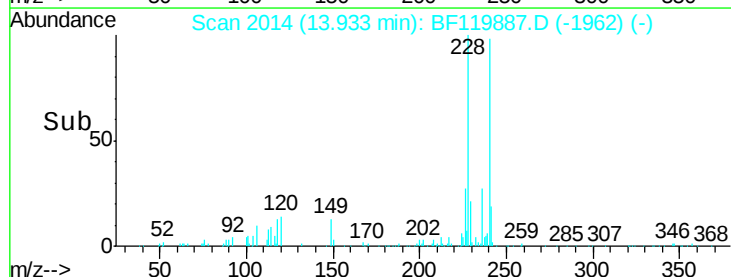
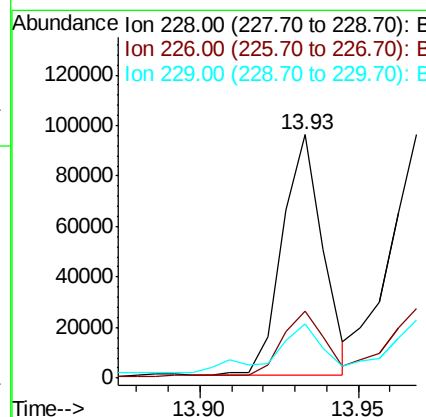
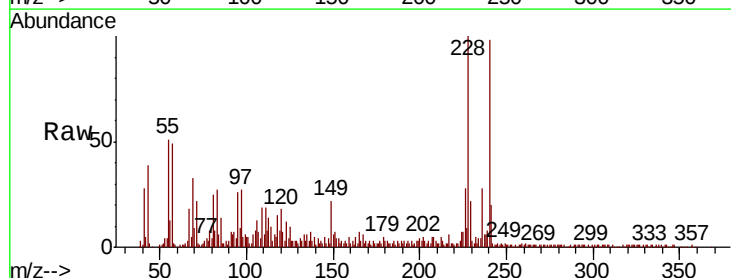
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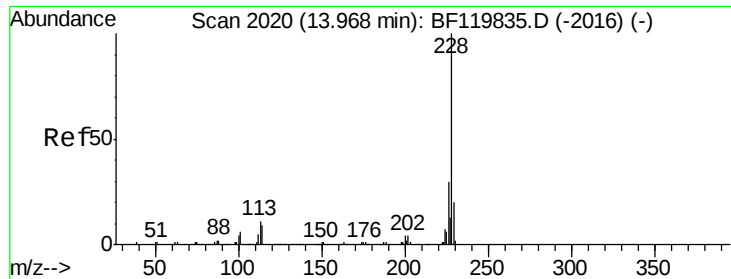
mohammad
 4/10/2020 9:57:56 AM



#81
 Benzo(a)anthracene
 Concen: 3.827 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.01 min
 Lab File: BF119887.D
 Acq: 9 Apr 2020 23:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.9	32.9
229	22.4	15.9	23.9





#83

Chrysene

Concen: 4.018 ng/mL

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF119887.D

Acq: 9 Apr 2020 23:14

Instrument :

BNA_F

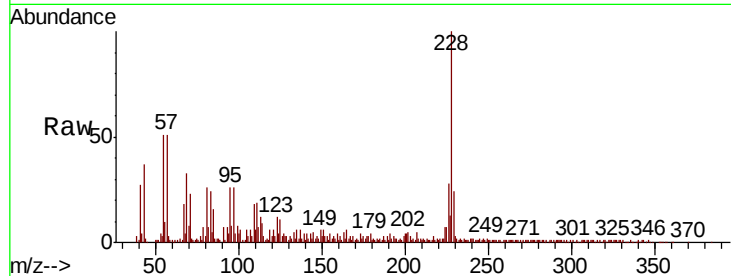
ClientSampleId :

RBR-2520699

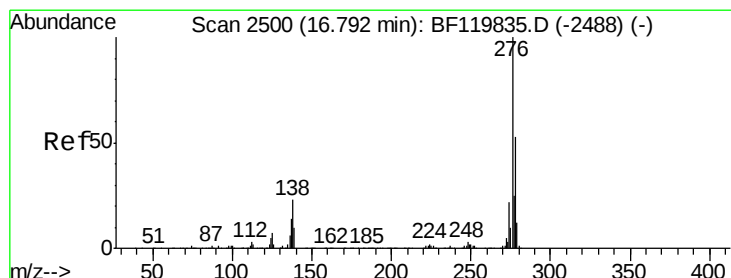
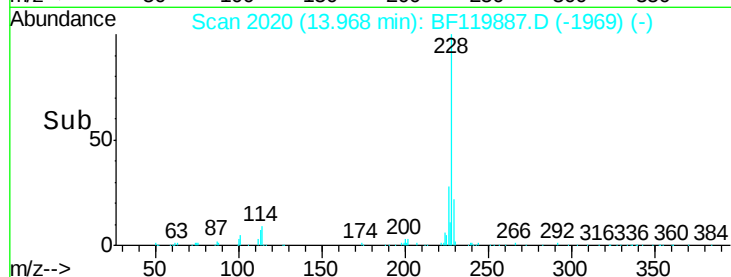
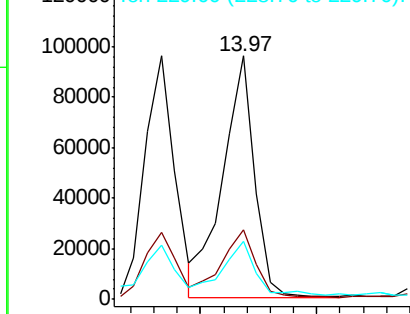
Tot Ion:	228	Resp:	91386
Ion Ratio	Lower	Upper	
228	100		
226	28.5	24.2	36.2
229	23.9	15.9	23.9

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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



#86

Indeno(1,2,3-cd)pyrene

Concen: 2.215 ng/mL

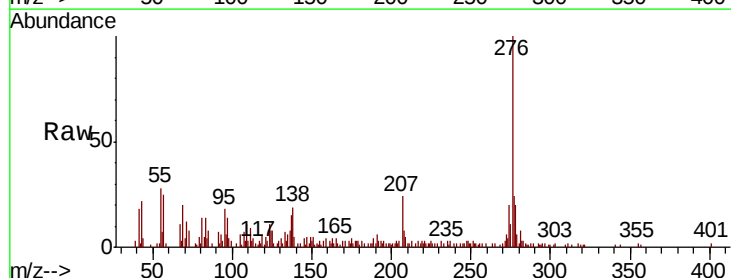
RT: 16.79 min Scan# 2499

Delta R.T. -0.01 min

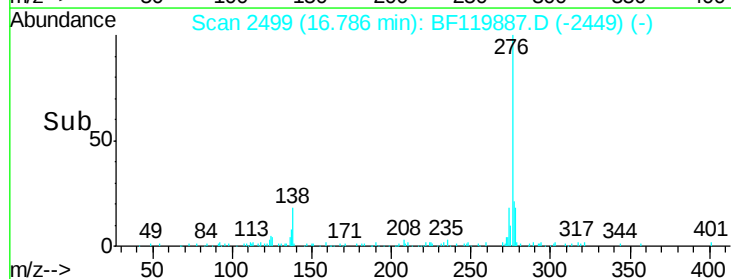
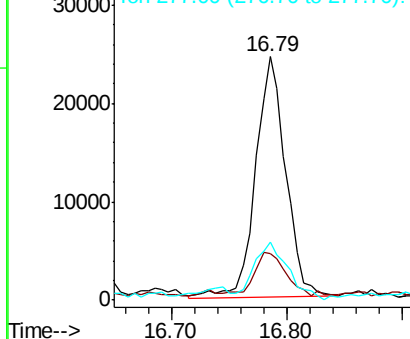
Lab File: BF119887.D

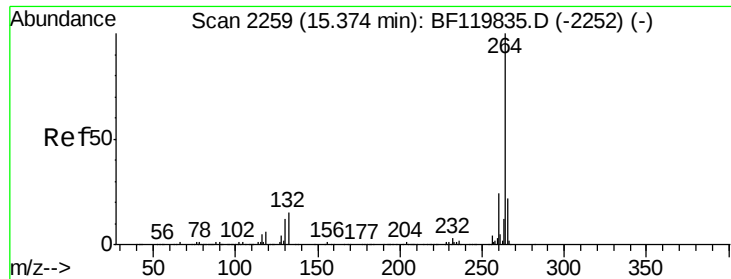
Acq: 9 Apr 2020 23:14

Tgt Ion:	276	Resp:	44405
Ion Ratio	Lower	Upper	
276	100		
138	19.1	18.0	27.0
277	27.2	20.1	30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





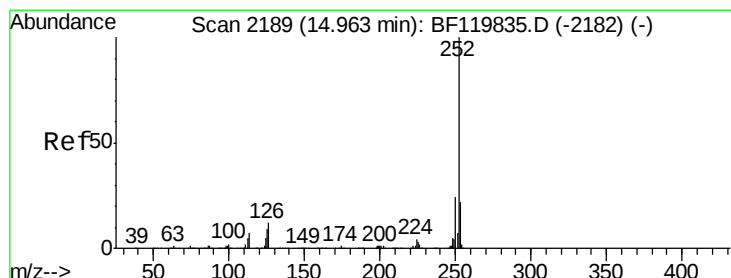
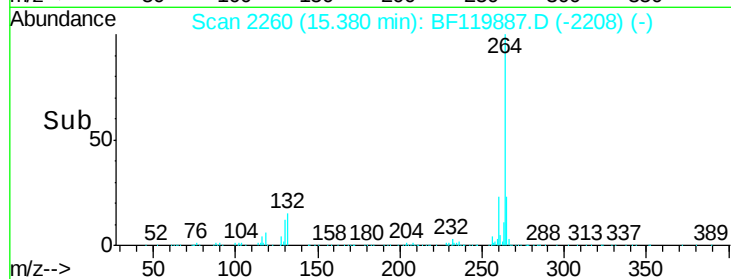
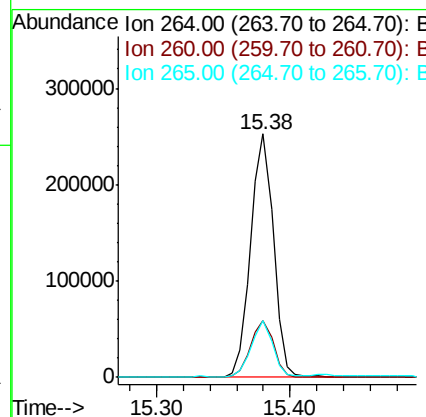
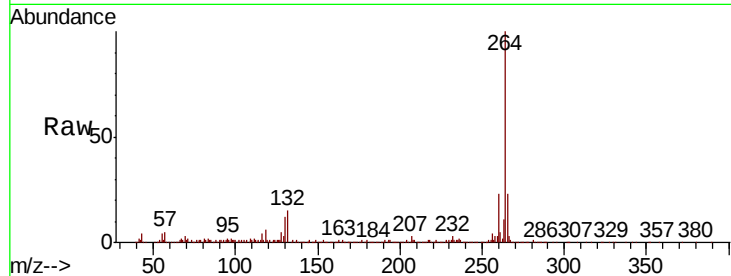
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF119887.D
Acq: 9 Apr 2020 23:14

Instrument :
BNA_F
ClientSampleId :
RBR-2520699

Tot Ion:	264	Resp:	297507
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.3	28.9
265	23.3	17.6	26.4

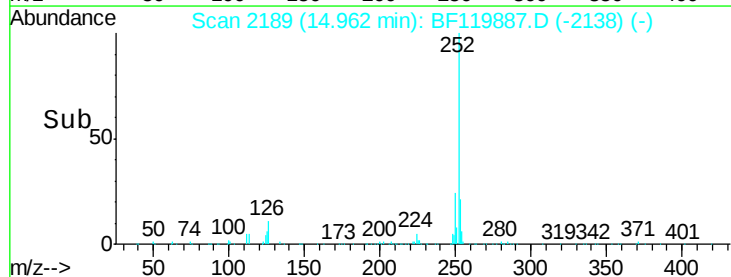
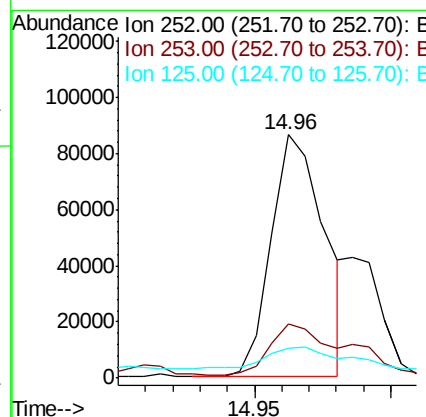
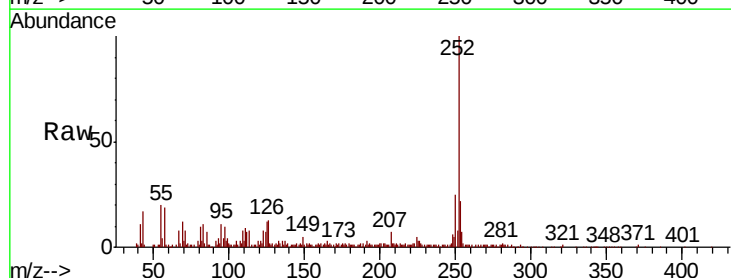
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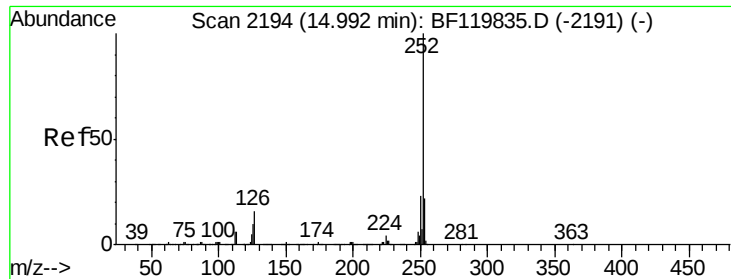
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#88
Benzo(b)fluoranthene
Concen: 5.411 ng m
RT: 14.96 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BF119887.D
Acq: 9 Apr 2020 23:14

Tgt Ion:	252	Resp:	115809
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.7	26.5
125	12.4	7.4	11.2#





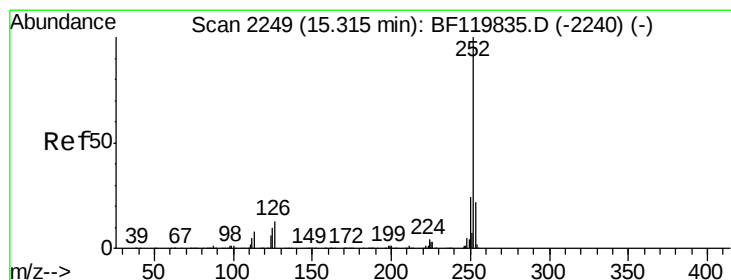
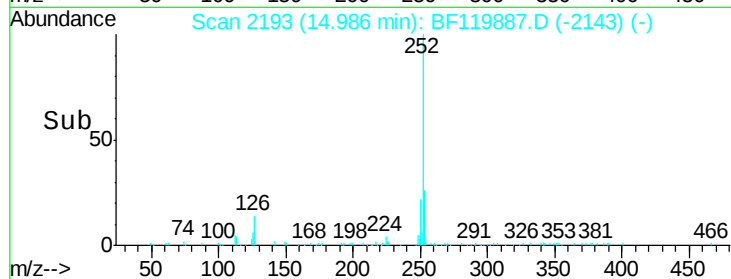
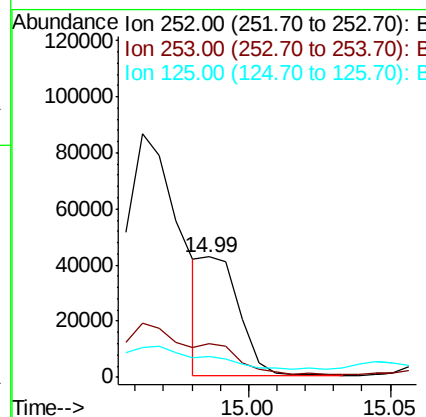
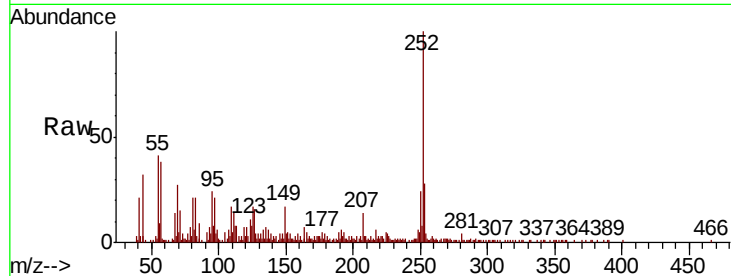
#89
Benzo(k)fluoranthene
Concen: 2.119 ng/mL
RT: 14.99 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BF119887.D
Acq: 9 Apr 2020 23:14

Instrument :
BNA_F
ClientSampleId :
RBR-2520699

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.1	17.8	26.8#
125	17.4	7.7	11.5#

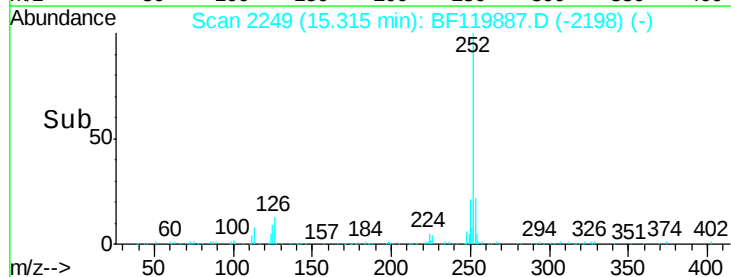
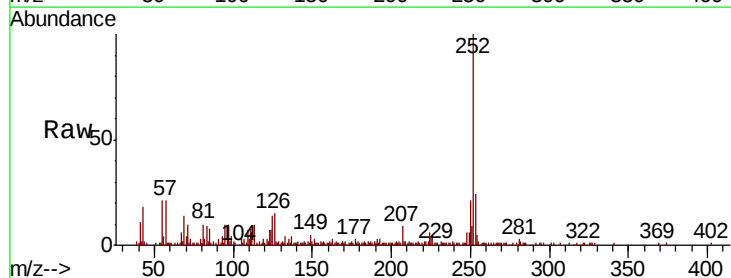
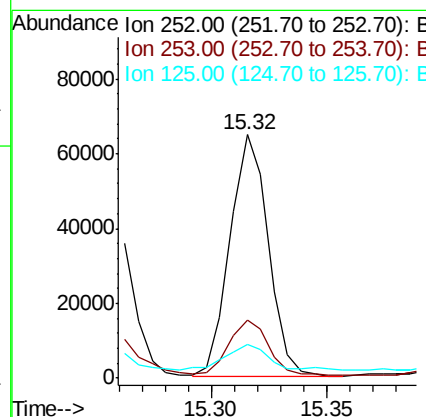
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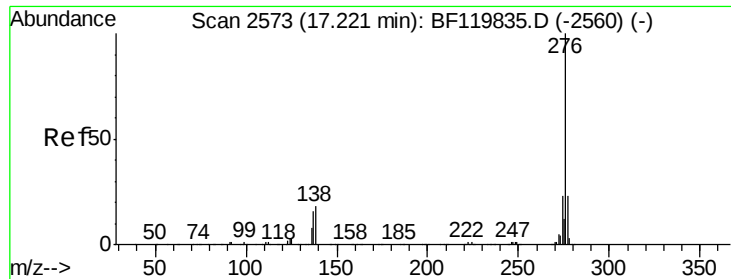
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#90
Benzo(a)pyrene
Concen: 4.138 ng/mL
RT: 15.32 min Scan# 2249
Delta R.T. -0.00 min
Lab File: BF119887.D
Acq: 9 Apr 2020 23:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.2
125	13.8	8.3	12.5#





#92
 Benzo(a,h,i)perylene
 Concen: 2.668 ng/ml
 RT: 17.22 min Scan# 2572
 Delta R.T. -0.01 min
 Lab File: BF119887.D
 Acq: 9 Apr 2020 23:14

Instrument :
 BNA_F
 ClientSampleId :
 RBR-2520699

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	25.3	18.5	27.7	
138	22.2	14.6	22.0	

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