

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092419\
 Data File : BF117229.D
 Acq On : 24 Sep 2019 21:27
 Operator : JU
 Sample : K5008-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Manual Integrations
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mohammad
 9/26/2019 8:24:24 AM

Quant Time: Sep 25 07:52:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	26736	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	103714	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	51028	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	68750	20.00	ng	0.00
76) Chrysene-d12	13.97	240	58700	20.00	ng	0.00
87) Perylene-d12	15.43	264	55261	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	164235	95.90	ng	0.00
7) Phenol-d6	6.45	99	223675	101.07	ng	0.00
23) Nitrobenzene-d5	7.37	82	129306	65.51	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	36789	86.26	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	209806	64.29	ng	0.00
79) Terphenyl-d14	12.92	244	164430	52.36	ng	0.00
Target Compounds						
10) Phenol	6.46	94	10578	4.336	ng	Qvalue 82
50) Dimethylphthalate	9.56	163	26033	7.205	ng	# 92
71) Phenanthrene	11.36	178	14940	3.826	ng	# 96
75) Fluoranthene	12.55	202	16186	4.034	ng	93
78) Pyrene	12.77	202	19043	3.866	ng	97
81) Benzo(a)anthracene	13.96	228	12100m	3.085	ng	
83) Chrysene	14.00	228	12344	3.227	ng	96
86) Indeno(1,2,3-cd)pyrene	16.89	276	5867	2.102	ng	# 89
88) Benzo(b)fluoranthene	15.01	252	15133m	4.521	ng	
90) Benzo(a)pyrene	15.37	252	9602	3.269	ng	# 78
92) Benzo(g,h,i)perylene	17.33	276	5698	2.444	ng	# 91

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

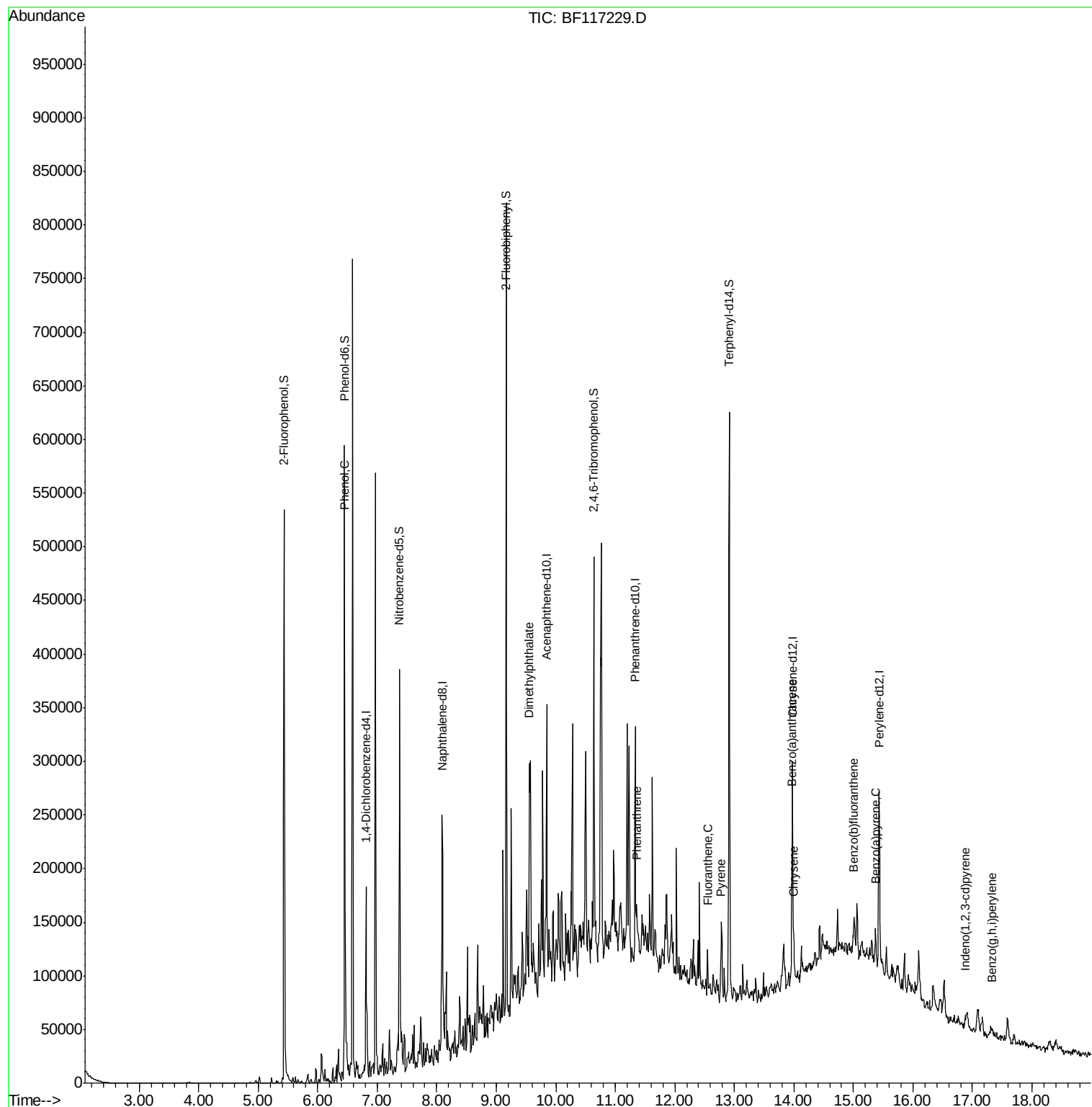
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092419\
Data File : BF117229.D
Acq On : 24 Sep 2019 21:27
Operator : JU
Sample : K5008-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

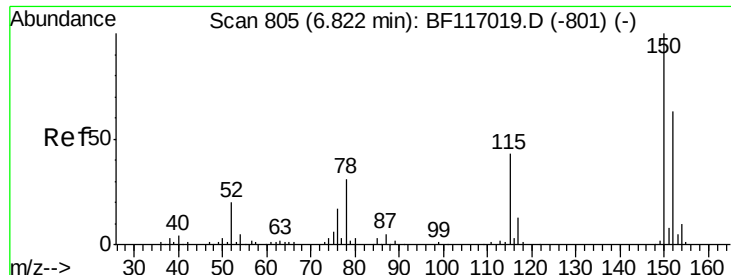
Instrument :
BNA_F
ClientSampleId :
SB-2

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#1

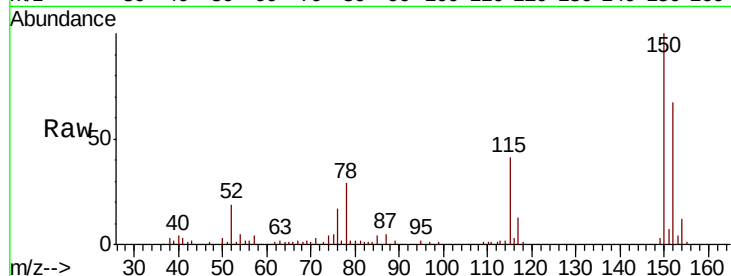
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF117229.D
Acq: 24 Sep 2019 21:27

Instrument :
BNA_F
ClientSampled :
SB-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.6	127.5	191.3
115	61.4	55.0	82.4

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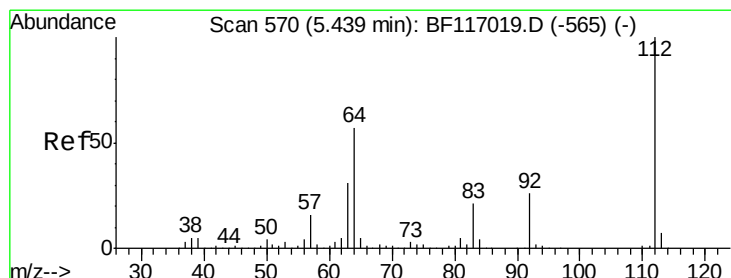
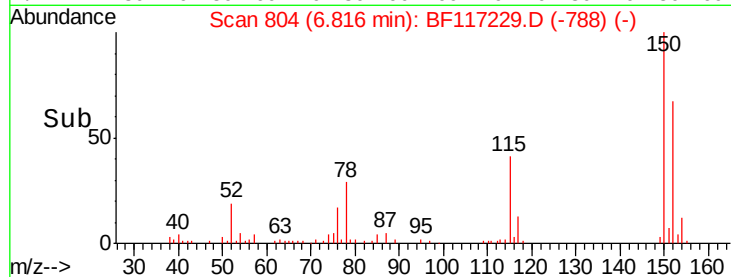
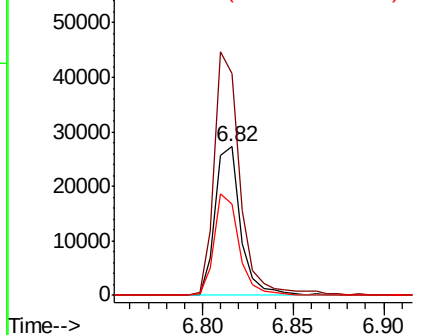


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

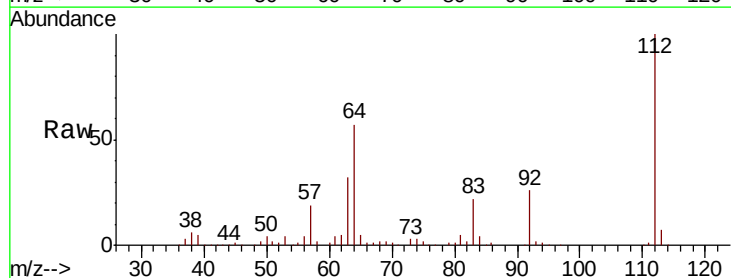
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 95.905 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF117229.D
Acq: 24 Sep 2019 21:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	45.7	68.5
63	31.8	24.9	37.3

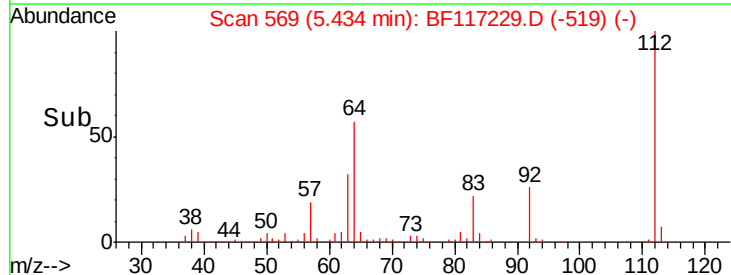
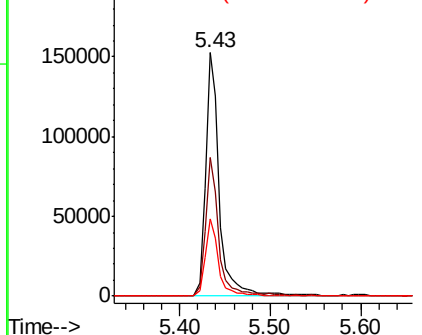


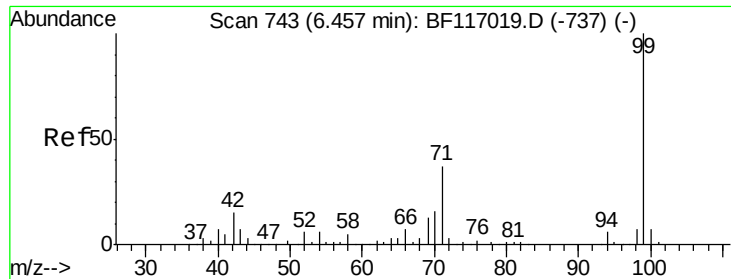
Abundance

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: 101.067 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117229.D

Acq: 24 Sep 2019 21:27

Instrument :

BNA_F

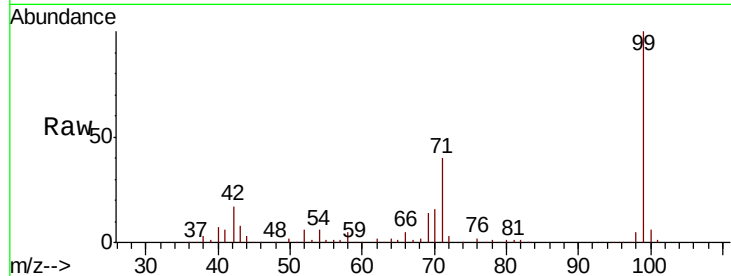
ClientSampled :

SB-2

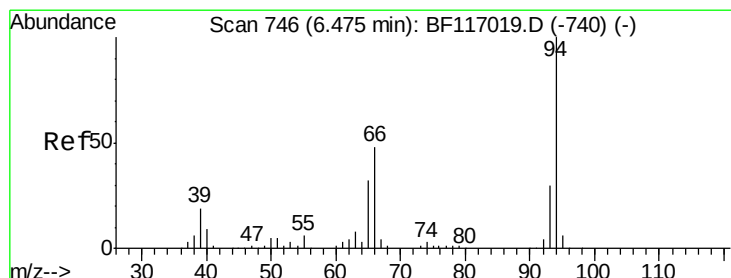
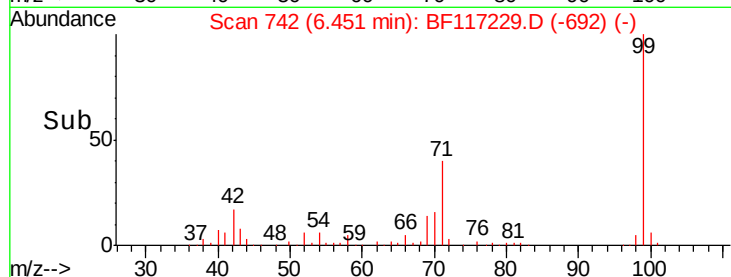
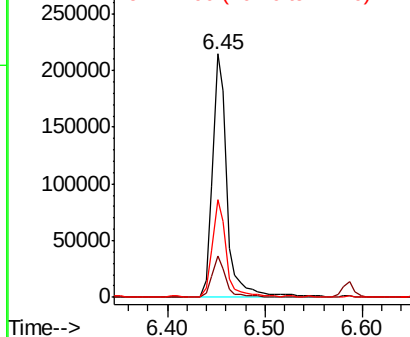
Tot Ion:	99	Resp:	223675
Ion	Ratio	Lower	Upper
99	100		
42	16.9	12.2	18.2
71	39.9	29.8	44.8

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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



#10

Phenol

Concen: 4.336 ng

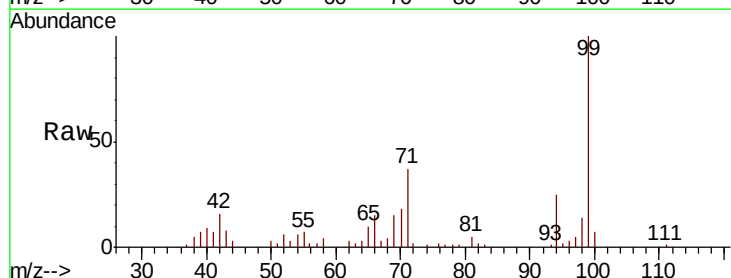
RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

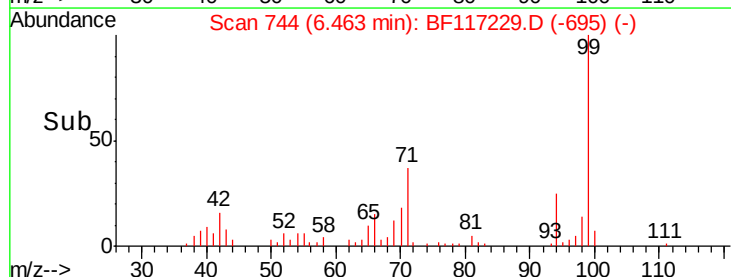
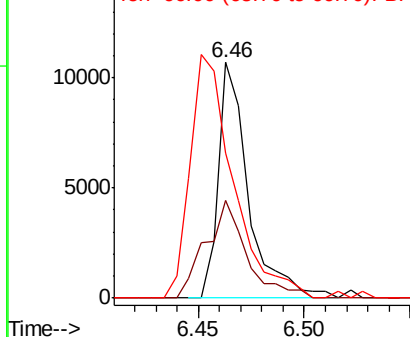
Lab File: BF117229.D

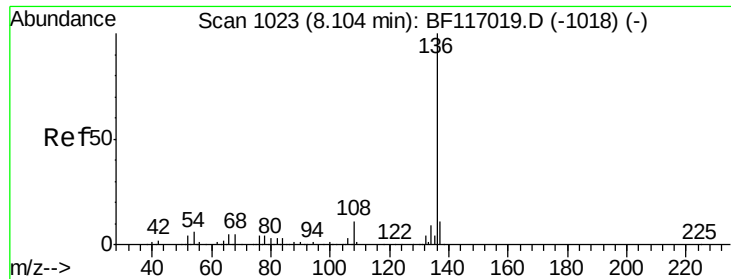
Acq: 24 Sep 2019 21:27

Tgt Ion:	94	Resp:	10578
Ion	Ratio	Lower	Upper
94	100		
65	41.3	12.5	52.5
66	61.7	28.9	68.9



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





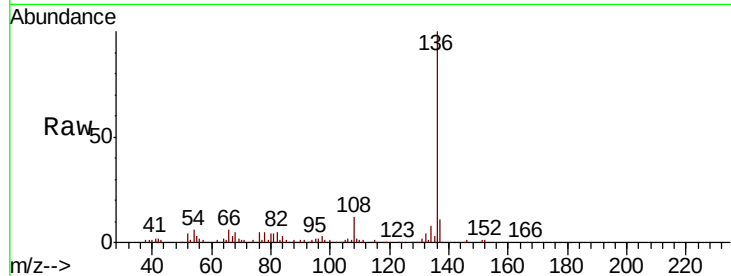
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF117229.D
Acq: 24 Sep 2019 21:27

Instrument :
BNA_F
ClientSampleId :
SB-2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		103714		
137	11.1	9.0	13.4		
54	5.9	4.5	6.7		
68	5.5	4.0	6.0		

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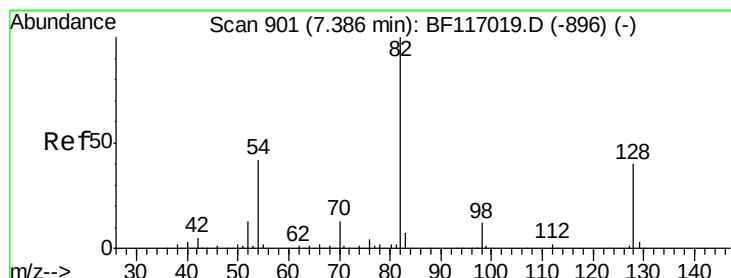
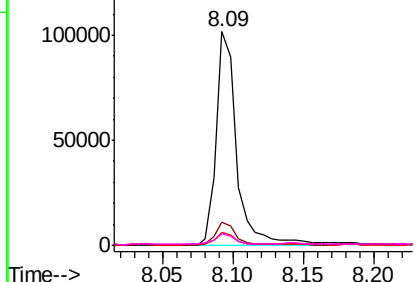
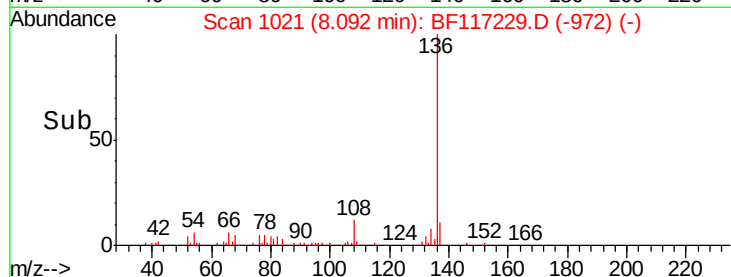
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

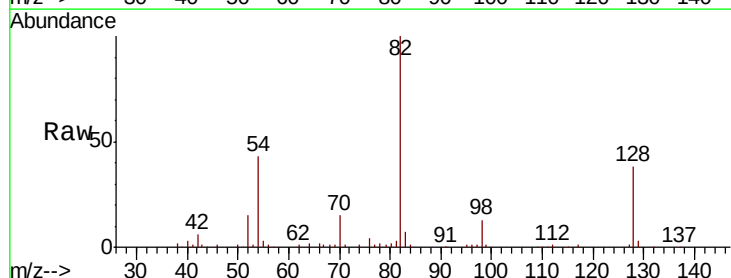
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23
Nitrobenzene-d5
Concen: 65.508 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF117229.D
Acq: 24 Sep 2019 21:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		129306		
128	38.4	32.3	48.5		
54	43.4	33.3	49.9		

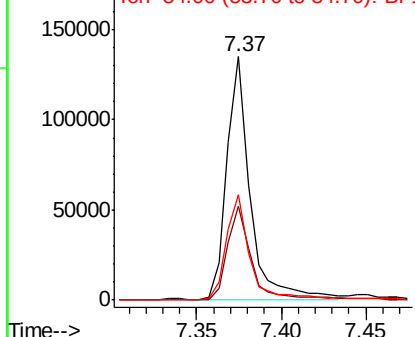
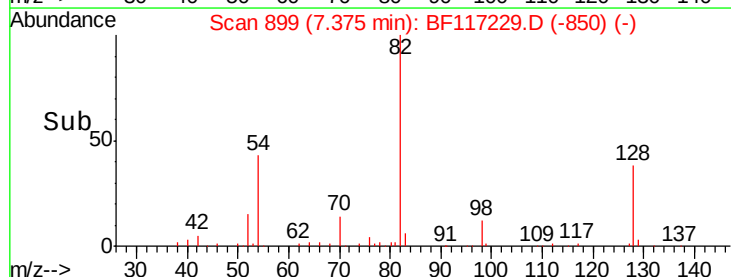


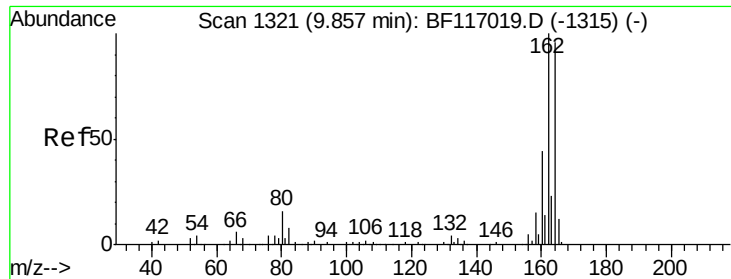
Abundance

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





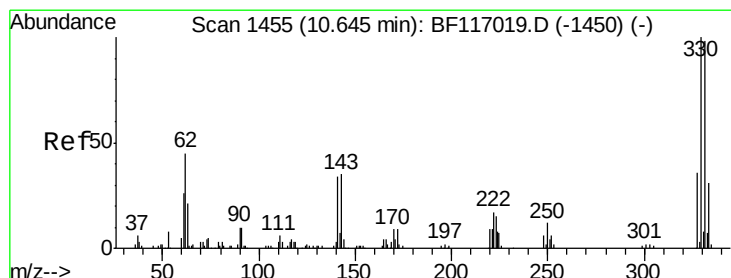
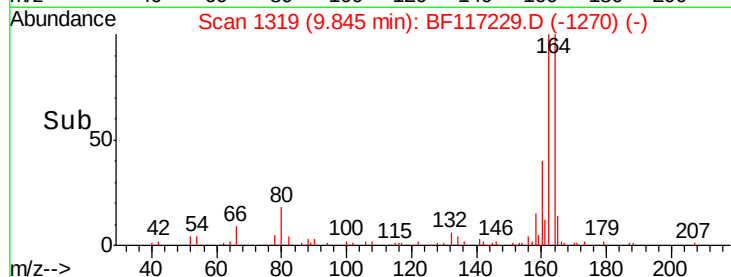
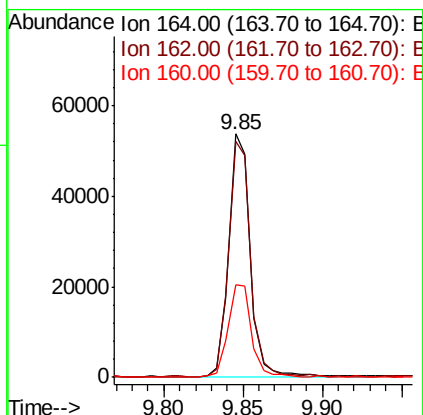
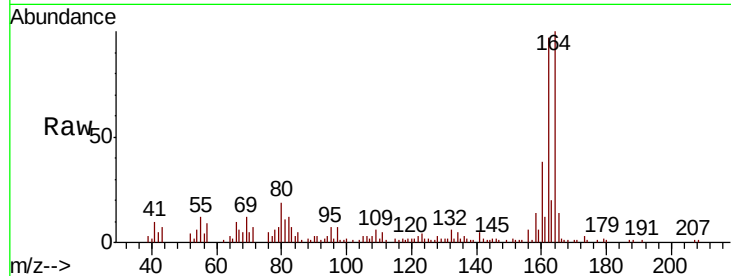
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF117229.D
 Acq: 24 Sep 2019 21:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.9	83.4	125.2
160	38.2	36.4	54.6

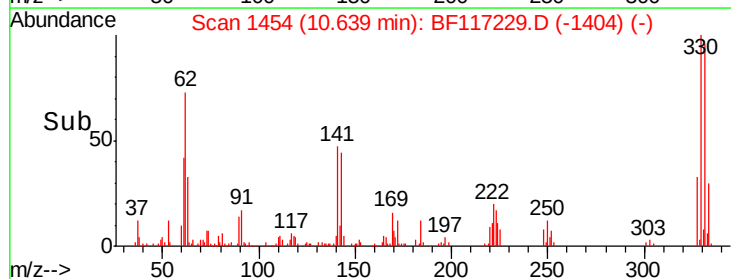
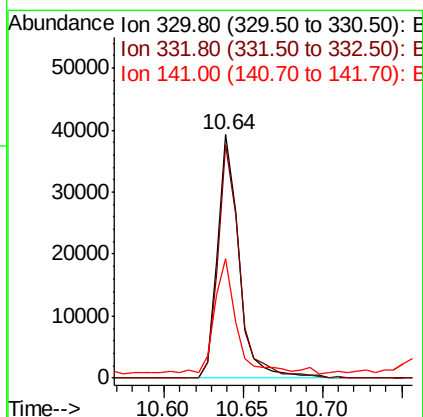
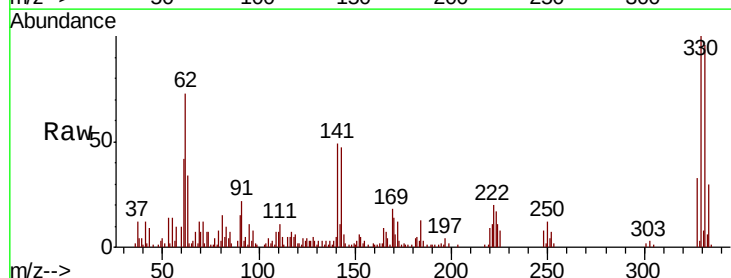
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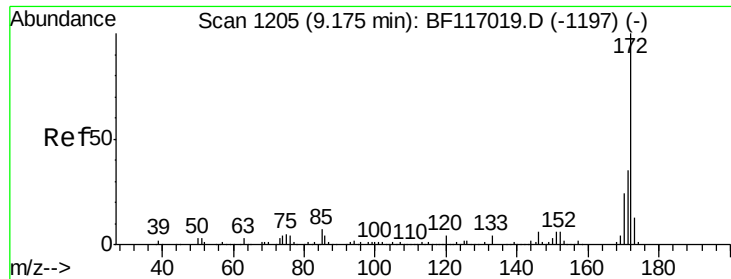
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#42
 2,4,6-Tribromophenol
 Concen: 86.263 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF117229.D
 Acq: 24 Sep 2019 21:27

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.0	117.0
141	50.9	35.8	53.6





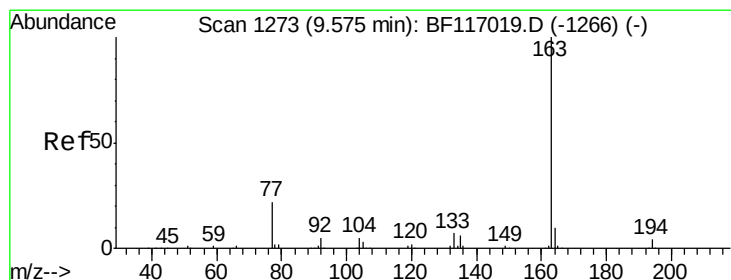
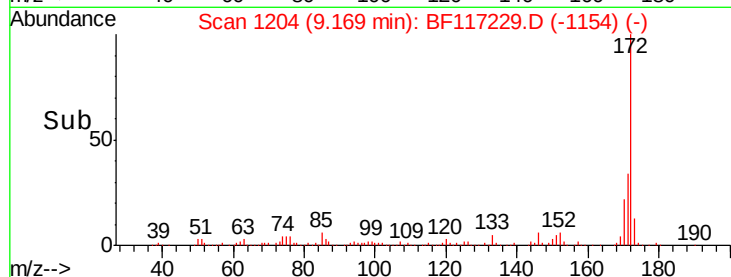
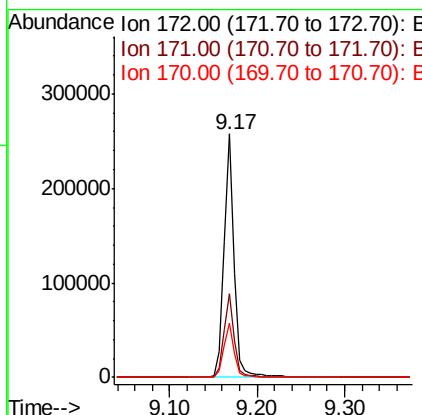
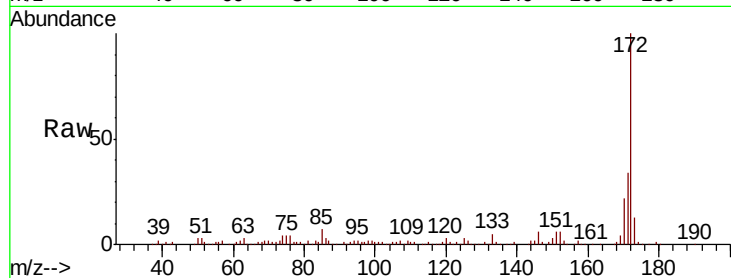
#45
2-Fluorobiphenyl
Concen: 64.288 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF117229.D
Acq: 24 Sep 2019 21:27

Instrument :
BNA_F
ClientSampleId :
SB-2

Tot Ion	Ratio	Resp	Lower	Upper
172	100	209806		
171	34.2		28.2	42.2
170	22.4		18.9	28.3

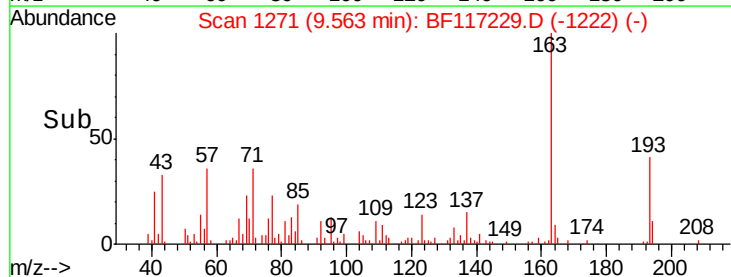
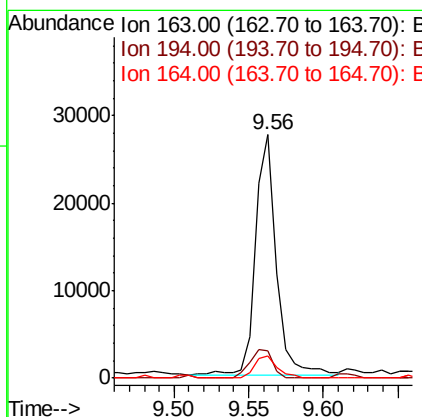
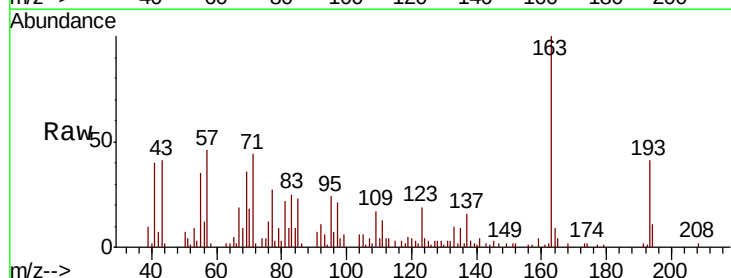
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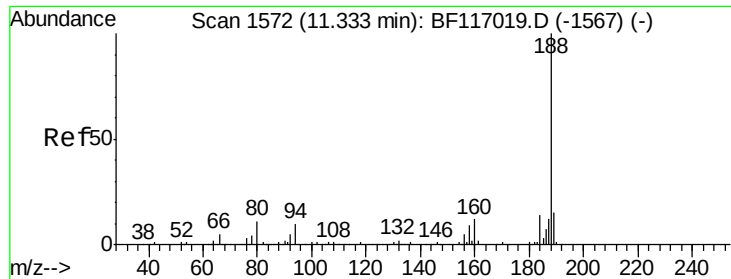
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#50
Dimethylphthalate
Concen: 7.205 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF117229.D
Acq: 24 Sep 2019 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	26033		
194	11.1		2.9	4.3#
164	9.1		8.2	12.4





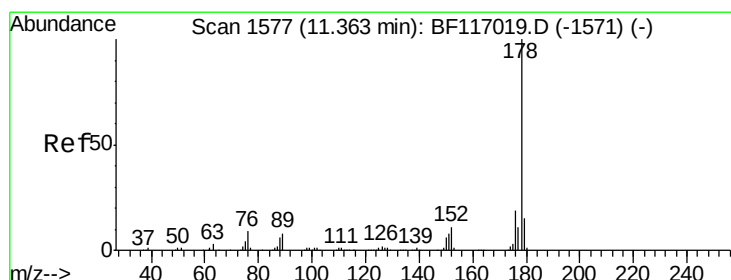
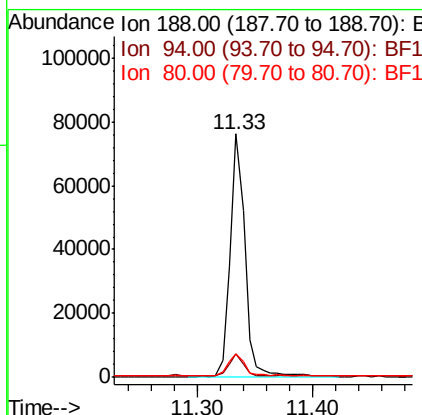
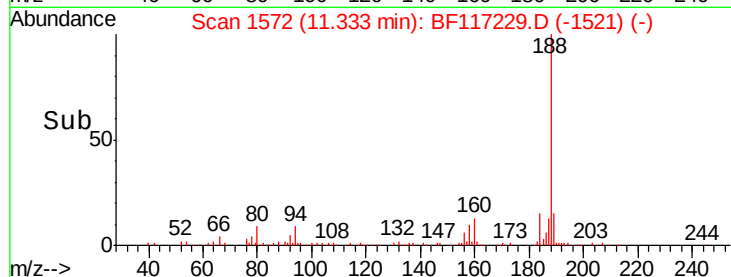
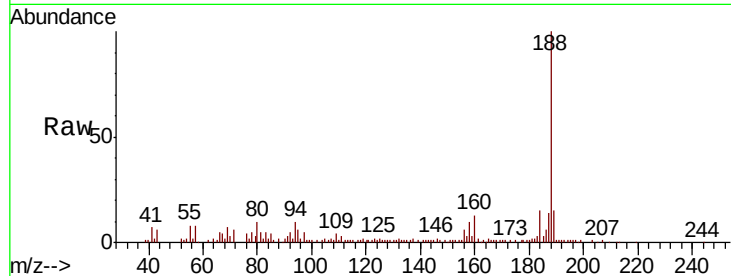
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117229.D
Acq: 24 Sep 2019 21:27

Instrument :
BNA_F
ClientSampled :
SB-2

Tot Ion	Ratio	Resp	Lower	Upper
188	100	68750		
94	9.8		8.2	12.2
80	9.9		9.0	13.6

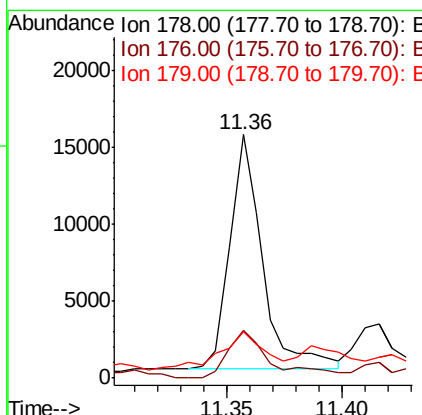
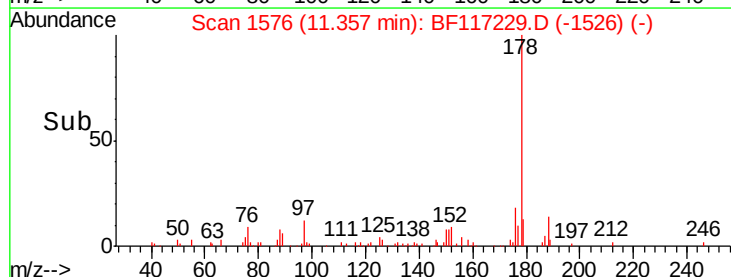
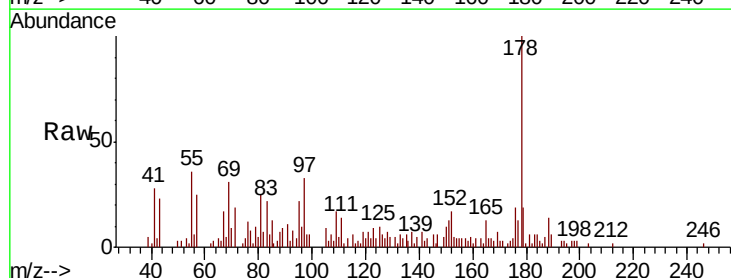
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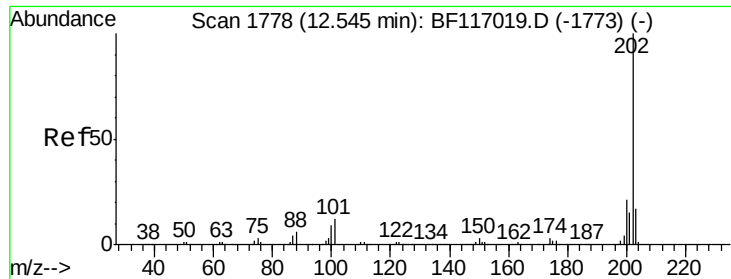
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#71
Phenanthrene
Concen: 3.826 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF117229.D
Acq: 24 Sep 2019 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	14940		
176	19.4		15.4	23.2
179	19.2		12.4	18.6#





#75

Fluoranthene

Concen: 4.034 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF117229.D

Acq: 24 Sep 2019 21:27

Instrument :

BNA_F

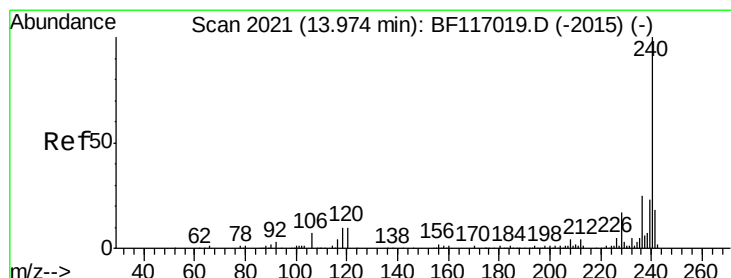
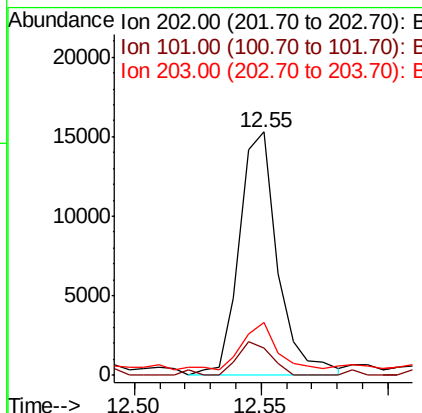
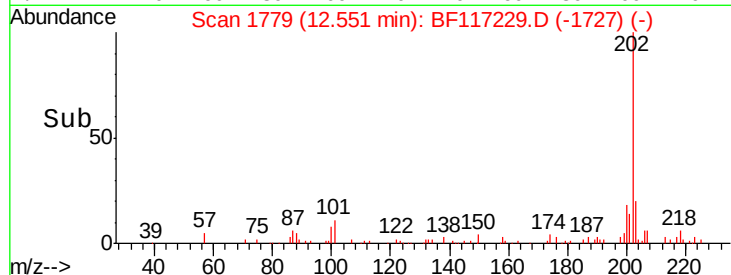
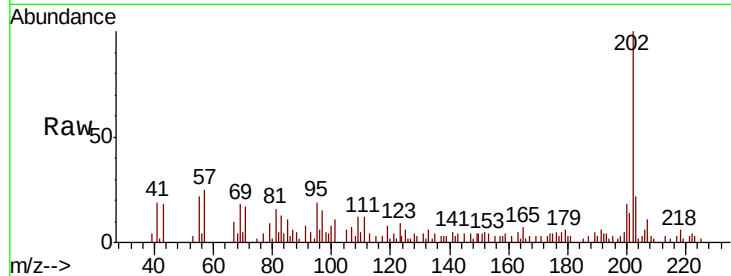
ClientSampleId :

SB-2

Tot Ion	Ratio	Resp	Lower	Upper
202	100	16186		
101	11.0	0.0	32.3	
203	21.5	0.0	37.1	

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#76

Chrysene-d12

Concen: 20.000 ng

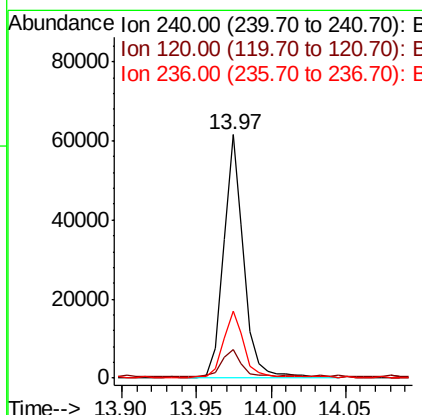
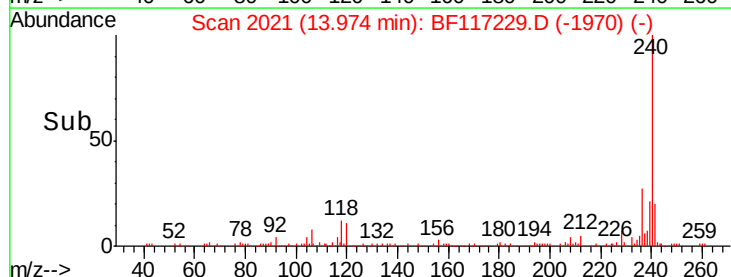
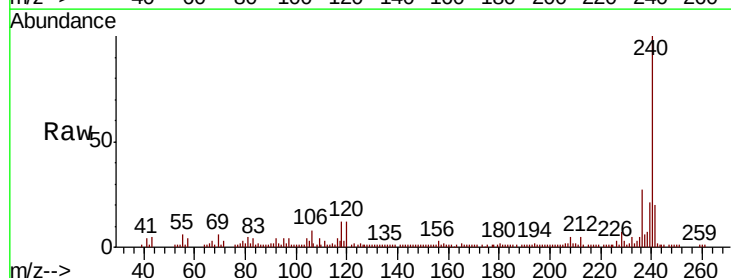
RT: 13.97 min Scan# 2021

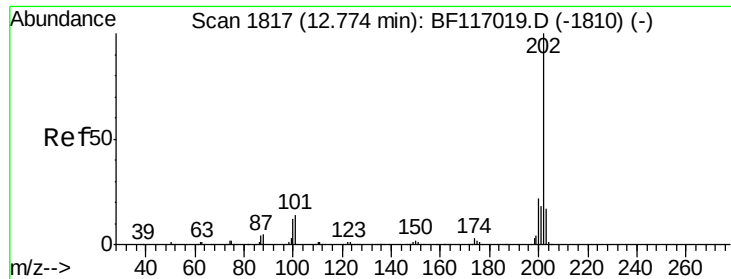
Delta R.T. 0.00 min

Lab File: BF117229.D

Acq: 24 Sep 2019 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	58700		
120	11.7	8.3	12.5	
236	27.4	20.3	30.5	





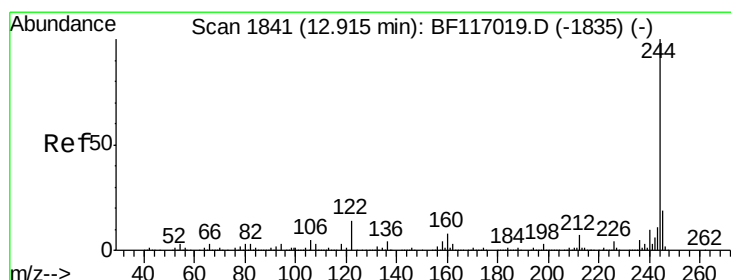
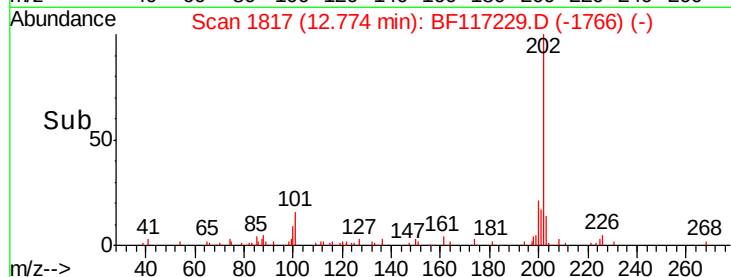
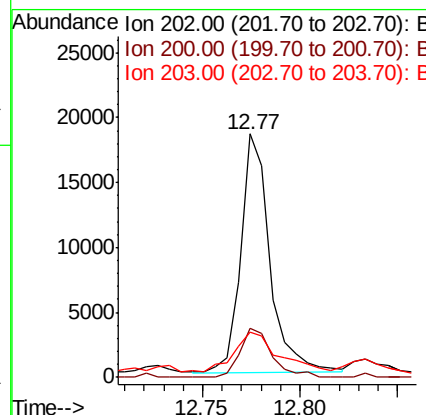
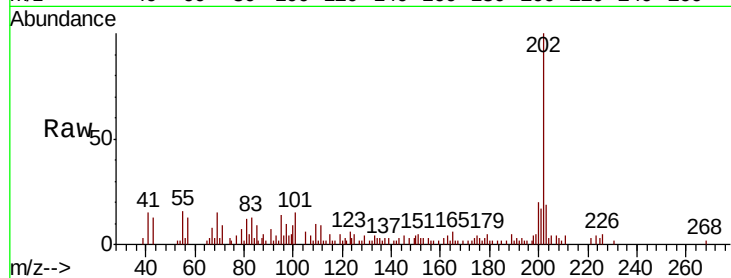
#78
Pvrene
Concen: 3.866 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF117229.D
Acq: 24 Sep 2019 21:27

Instrument :
BNA_F
ClientSampled :
SB-2

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.2	25.8
203	18.8	14.0	21.0

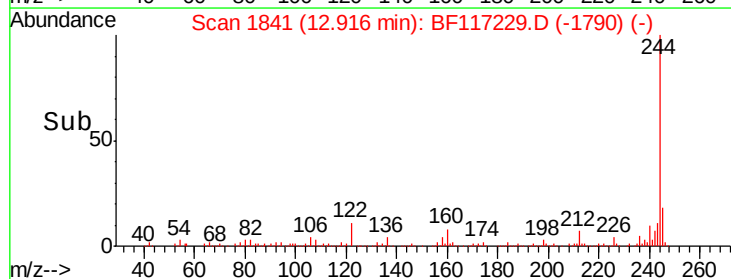
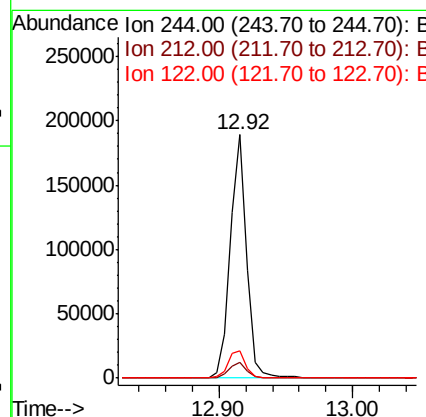
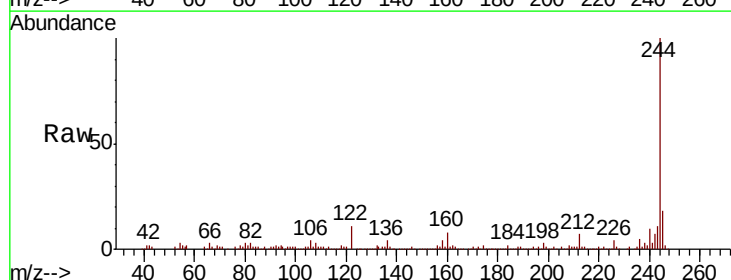
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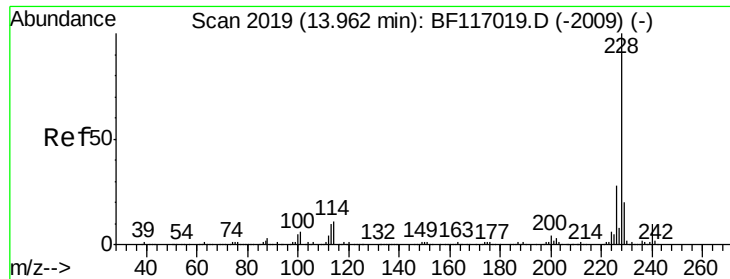
mohammad
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#79
Terphenyl-d14
Concen: 52.361 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BF117229.D
Acq: 24 Sep 2019 21:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	11.4	11.3	16.9





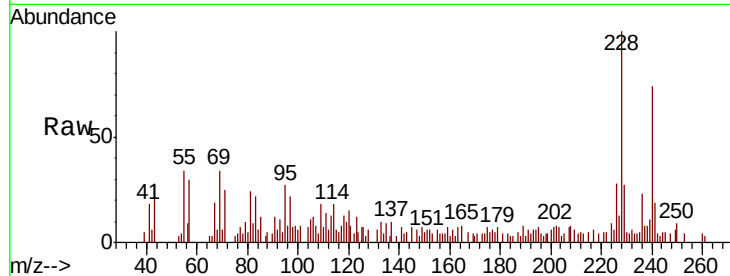
#81
Benzo(a)anthracene
Concen: 3.085 ng m
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF117229.D
Acq: 24 Sep 2019 21:27

Instrument :
BNA_F
ClientSampleId :
SB-2

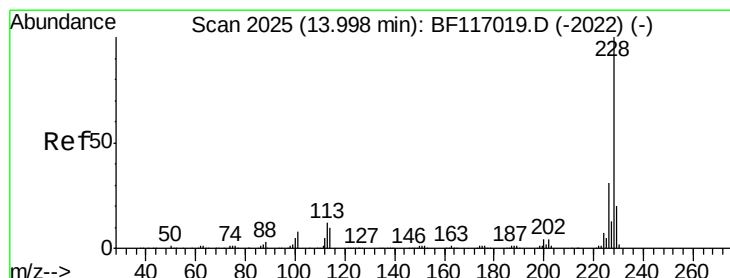
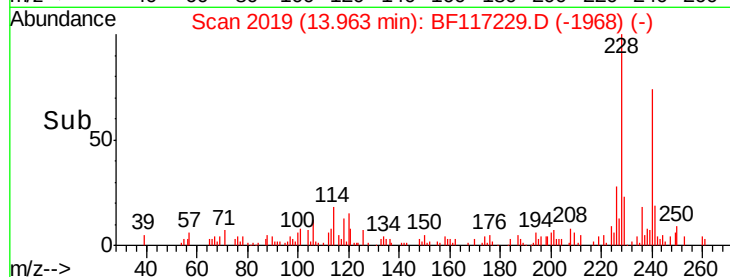
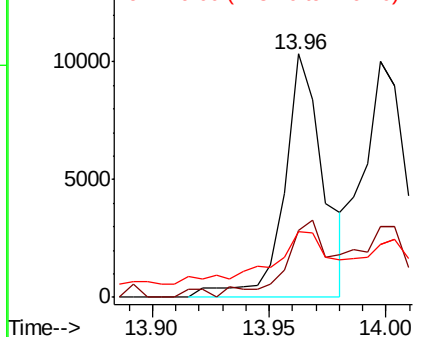
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.3	33.5
229	26.8	15.9	23.9

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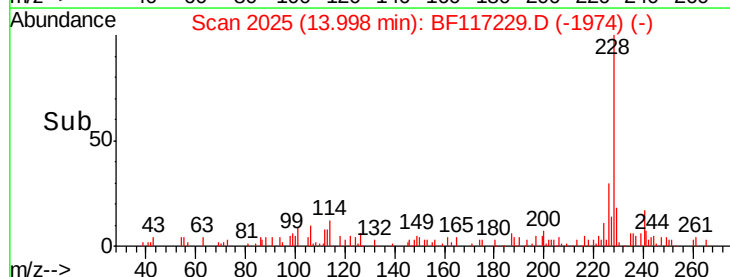
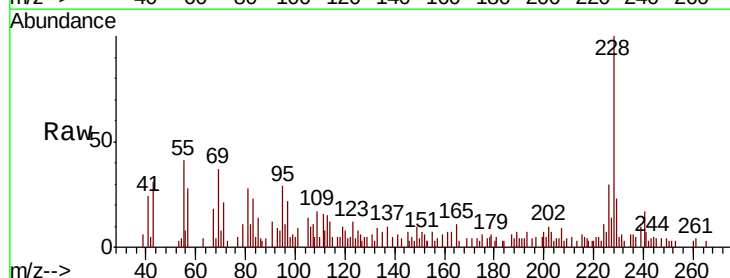
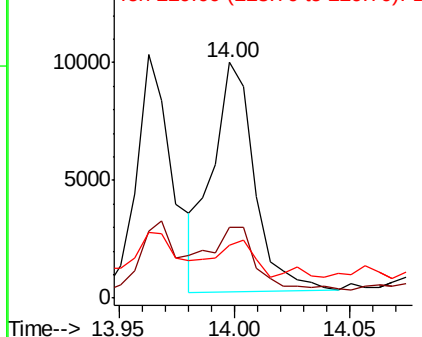
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

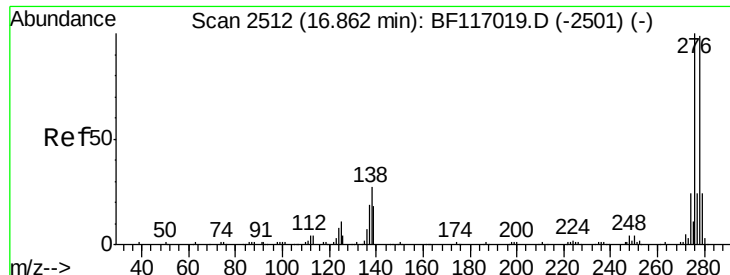


#83
Chrysene
Concen: 3.227 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF117229.D
Acq: 24 Sep 2019 21:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.8	37.2
229	22.6	15.8	23.8

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





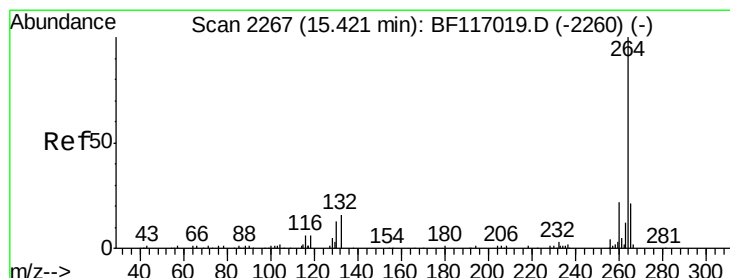
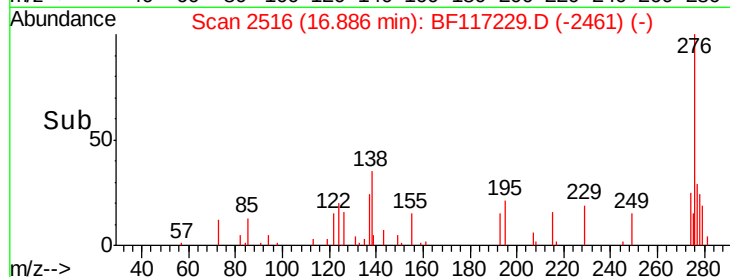
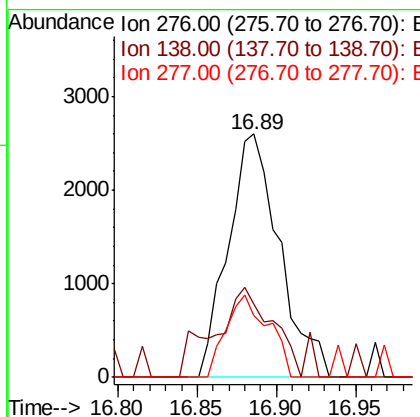
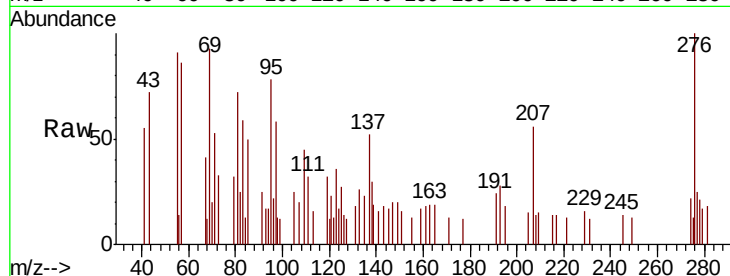
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.102 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.02 min
Lab File: BF117229.D
Acq: 24 Sep 2019 21:27

Instrument :
BNA_F
ClientSampleId :
SB-2

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.5	20.7	31.1#
277	27.9	19.8	29.8

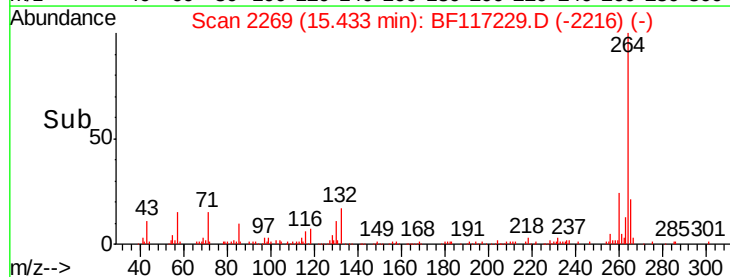
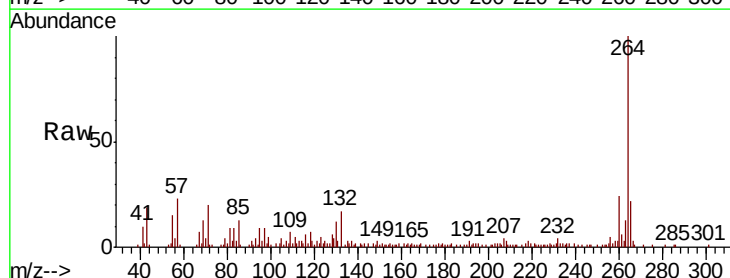
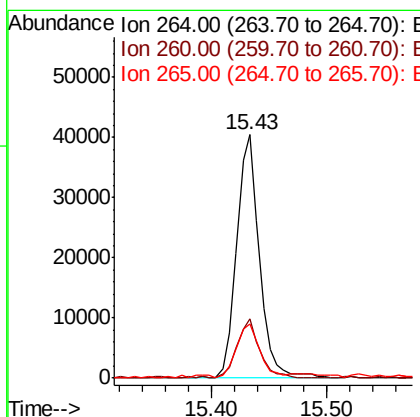
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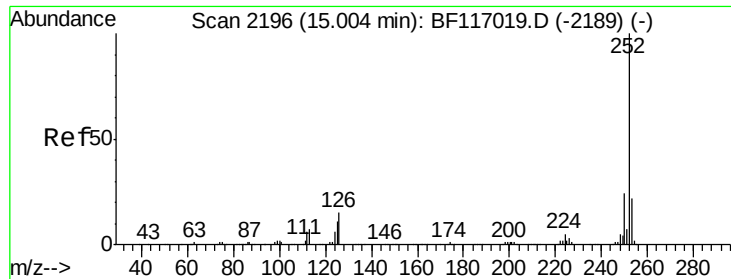
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117229.D
Acq: 24 Sep 2019 21:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.6	26.4
265	22.1	16.6	24.8





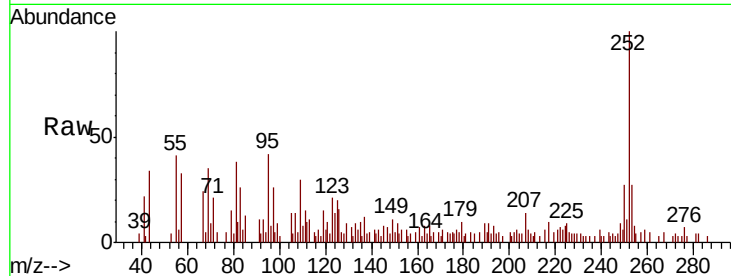
#88
Benzo(b)fluoranthene
Concen: 4.521 ng m
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF117229.D
Acq: 24 Sep 2019 21:27

Instrument :
BNA_F
ClientSampleId :
SB-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.6	26.4#
125	20.1	8.6	12.8#

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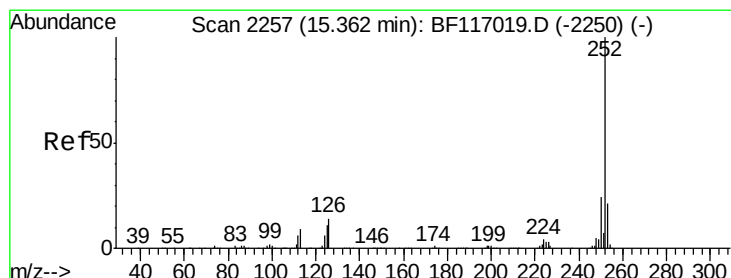
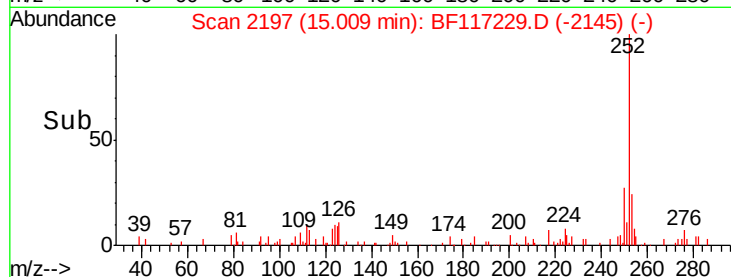
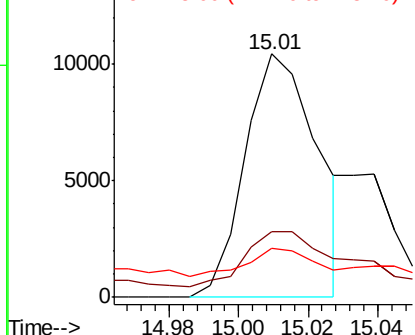


Abundance

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: 3.269 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF117229.D
Acq: 24 Sep 2019 21:27

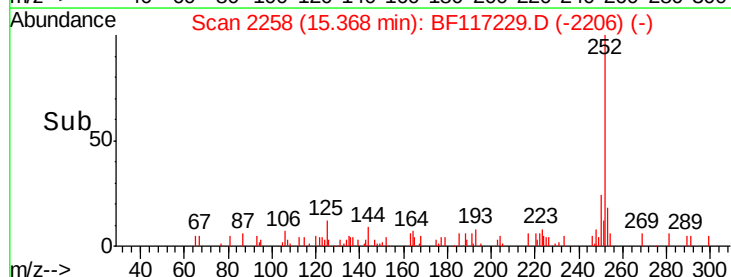
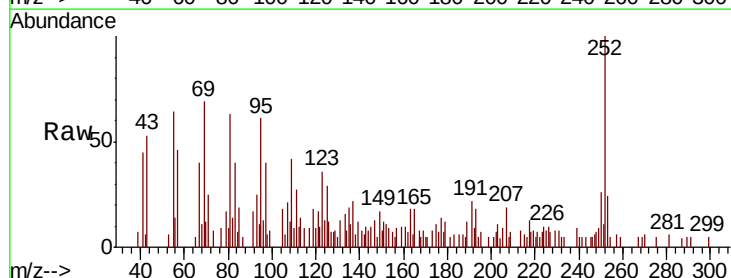
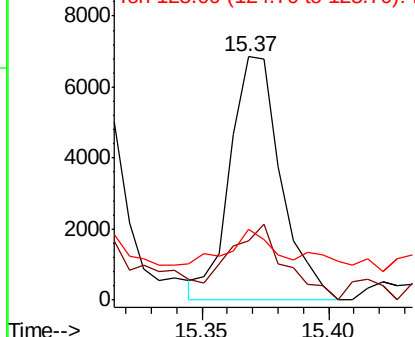
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	16.6	25.0
125	29.3	8.9	13.3#

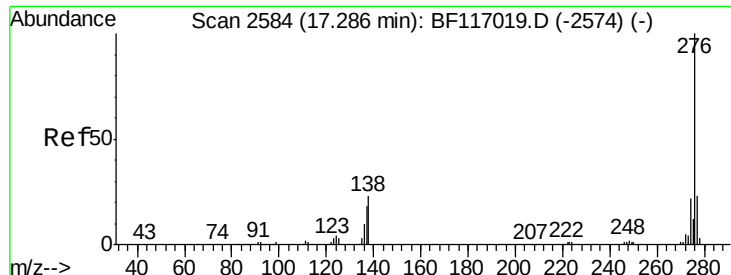
Abundance

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





#92

Benzo(a,h,i)perylene

Concen: 2.444 ng

RT: 17.33 min Scan# 2591

Delta R.T. 0.04 min

Lab File: BF117229.D

Acq: 24 Sep 2019 21:27

Instrument :

BNA_F

ClientSampleId :

SB-2

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.3	18.6	27.8
138	28.0	18.0	27.0

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