

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
 Data File : BF117298.D
 Acq On : 2 Oct 2019 14:38
 Operator : JU
 Sample : K5137-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-047-B

Manual Integrations
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mohammad
 10/4/2019 8:17:25 AM

Quant Time: Oct 03 01:59:22 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	6.81	152	26779	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	109196	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	56726	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	91072	20.00	ng	0.00
76) Chrysene-d12	13.97	240	73326	20.00	ng	0.00
87) Perylene-d12	15.43	264	61244	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	144560	84.28	ng	-0.01
7) Phenol-d6	6.45	99	199612	90.05	ng	-0.01
23) Nitrobenzene-d5	7.37	82	114513	55.10	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	38026	80.21	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	202212	55.74	ng	-0.01
79) Terphenyl-d14	12.91	244	198687	50.65	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	29466	7.336	ng	99
71) Phenanthrene	11.35	178	25068	4.846	ng	98
75) Fluoranthene	12.55	202	55187	10.383	ng	98
78) Pyrene	12.77	202	52309	8.502	ng	96
81) Benzo(a)anthracene	13.96	228	27077m	5.527	ng	
83) Chrysene	14.00	228	25446	5.326	ng	98
86) Indeno(1,2,3-cd)pyrene	16.89	276	9709	2.785	ng	# 87
88) Benzo(b)fluoranthene	15.02	252	25117m	6.771	ng	
89) Benzo(k)fluoranthene	15.03	252	11342m	3.228	ng	
90) Benzo(a)pyrene	15.37	252	17583	5.401	ng	# 92
92) Benzo(a,h,i)perylene	17.33	276	9492	3.673	ng	# 93

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

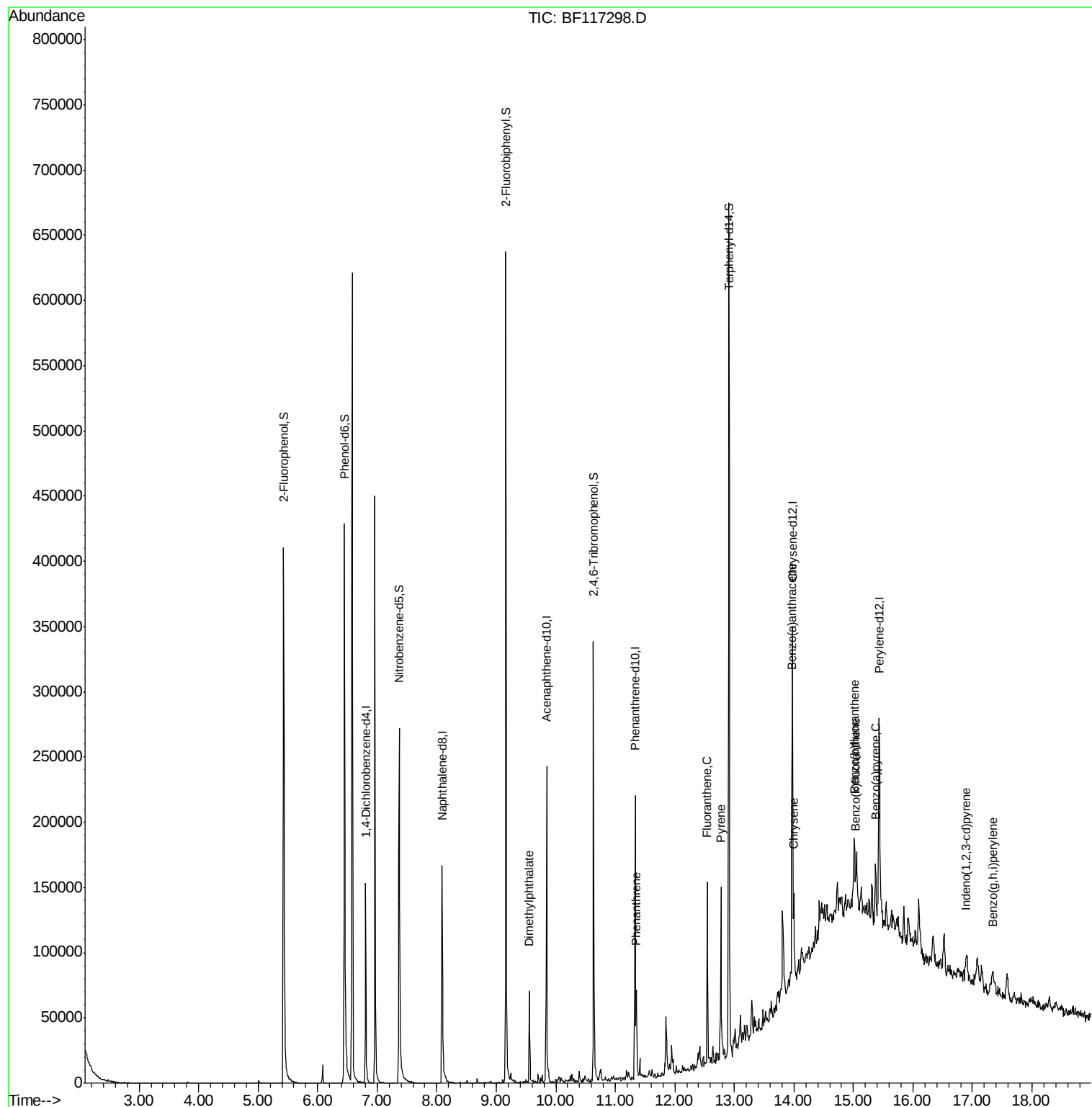
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
Data File : BF117298.D
Acq On : 2 Oct 2019 14:38
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#1

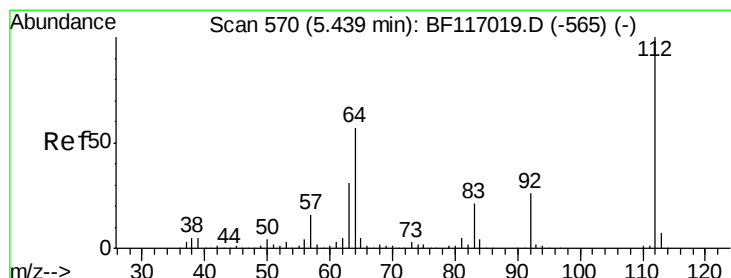
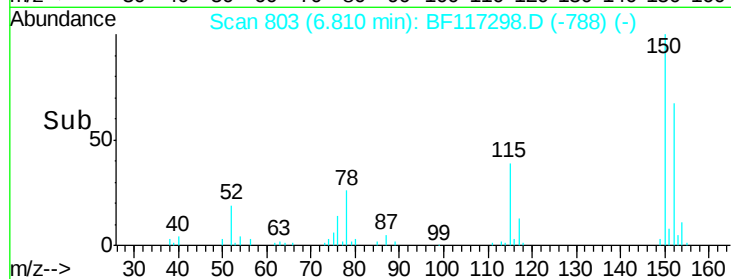
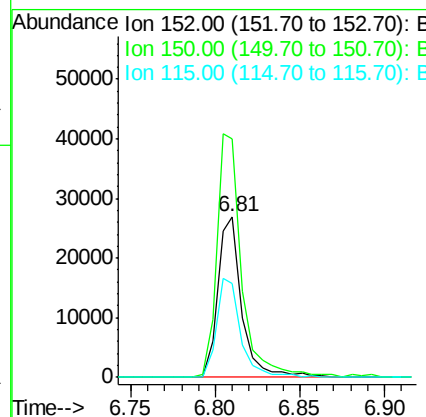
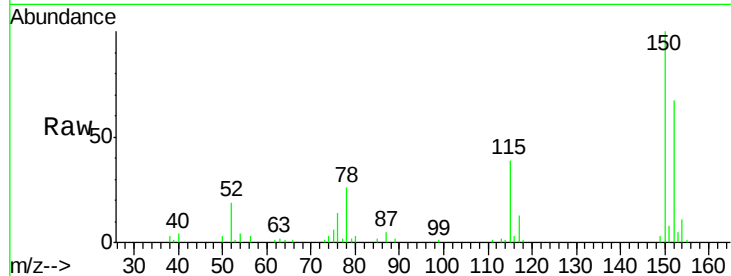
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117298.D
Acq: 2 Oct 2019 14:38

Instrument :
BNA_F
ClientSampled :
FK-GF-02-047-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.6	127.5	191.3
115	58.6	55.0	82.4

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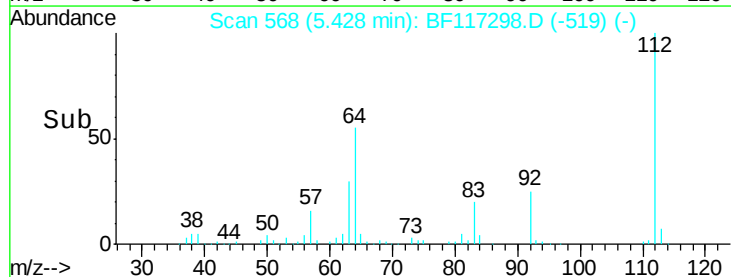
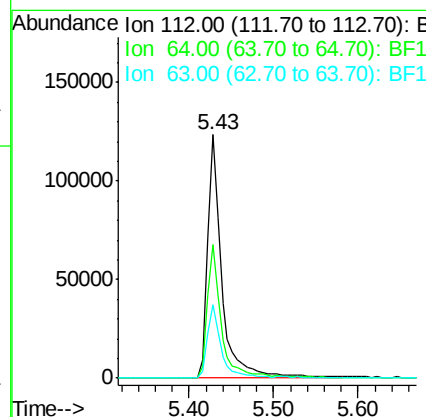
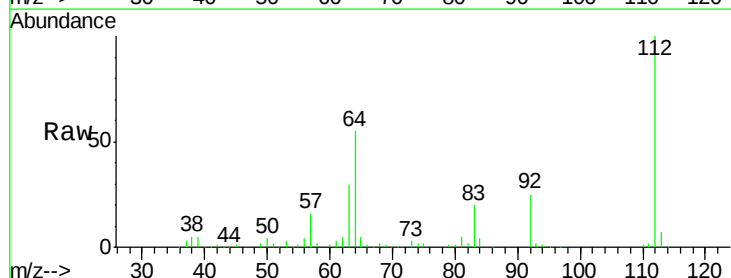
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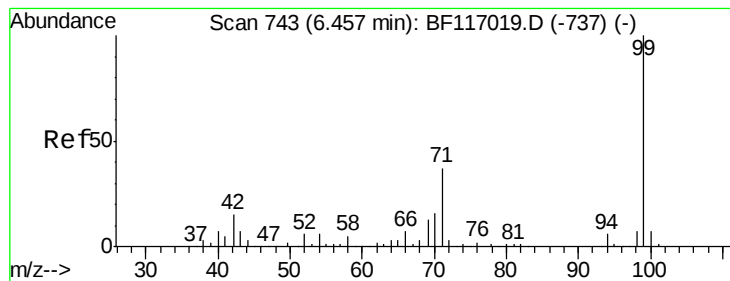


#5

2-Fluorophenol
Concen: 84.280 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF117298.D
Acq: 2 Oct 2019 14:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	45.7	68.5
63	30.1	24.9	37.3





#7

Phenol-d6

Concen: 90.049 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF117298.D

Acq: 2 Oct 2019 14:38

Instrument :

BNA_F

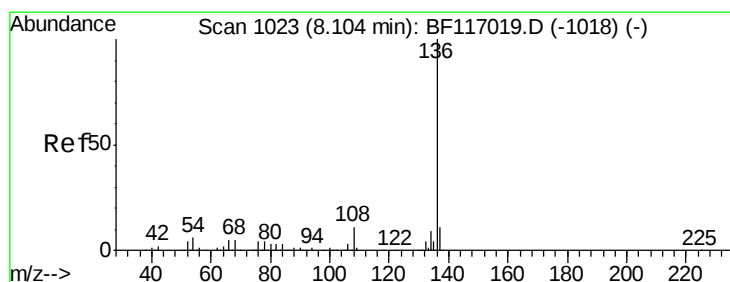
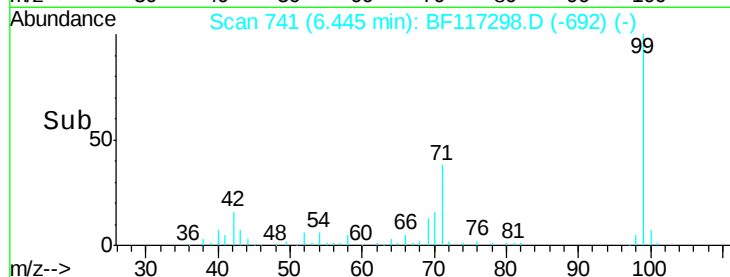
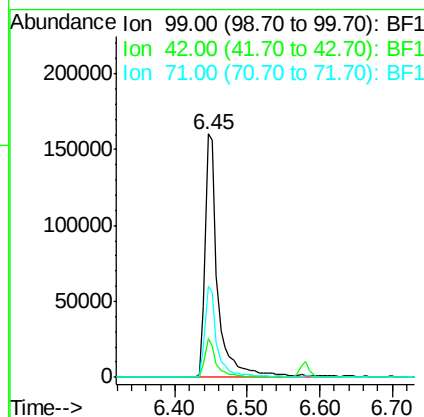
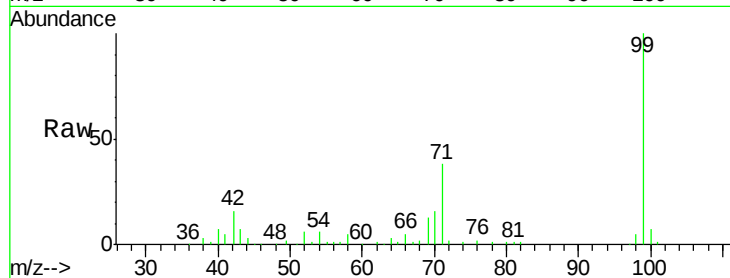
ClientSampleId :

FK-GF-02-047-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		199612		
42	16.0	12.2	18.2		
71	37.6	29.8	44.8		

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#21

Naphthalene-d8

Concen: 20.000 ng

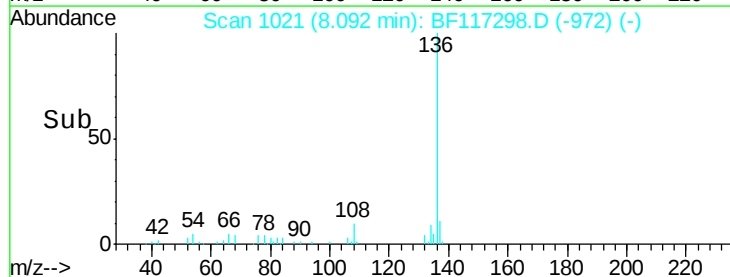
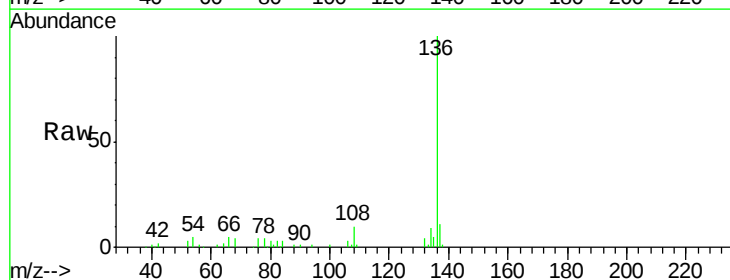
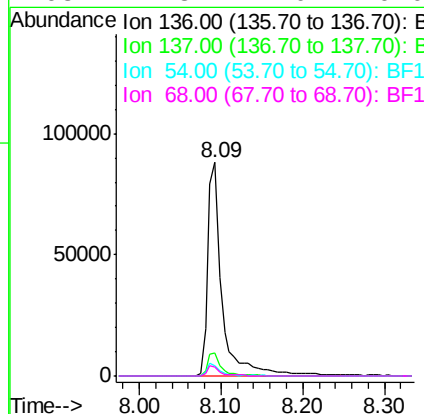
RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF117298.D

Acq: 2 Oct 2019 14:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		109196		
137	10.5	9.0	13.4		
54	5.0	4.5	6.7		
68	4.3	4.0	6.0		





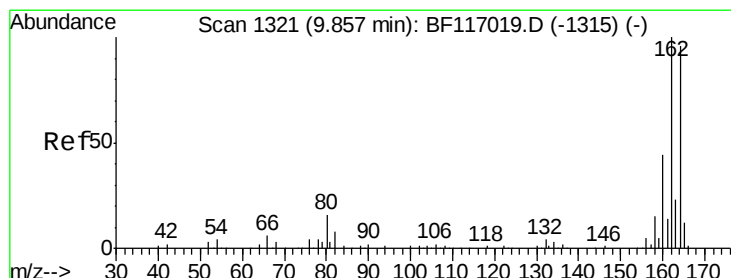
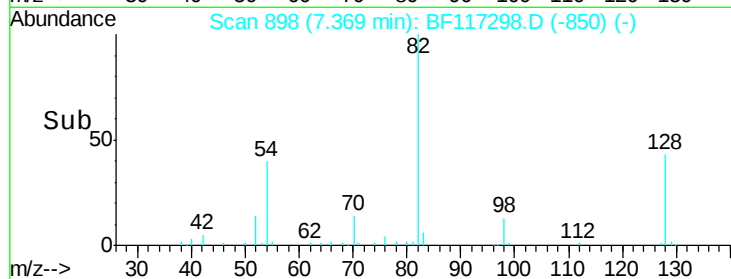
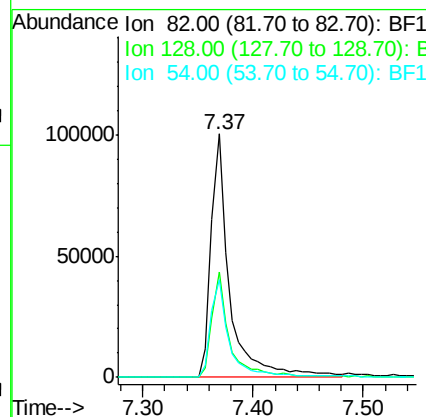
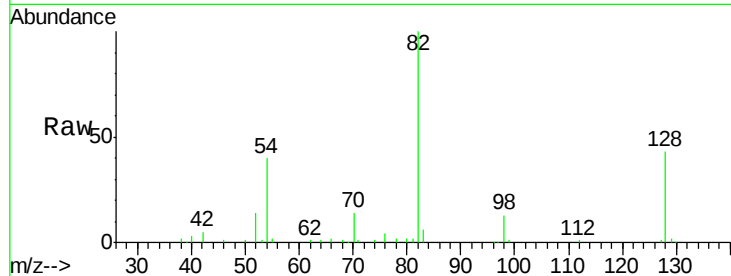
#23
 Nitrobenzene-d5
 Concen: 55.101 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF117298.D
 Acq: 2 Oct 2019 14:38

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-047-B

Tot Ion	82	Resp	114513
Ion Ratio	100	Lower	Upper
128	43.4	32.3	48.5
54	40.3	33.3	49.9

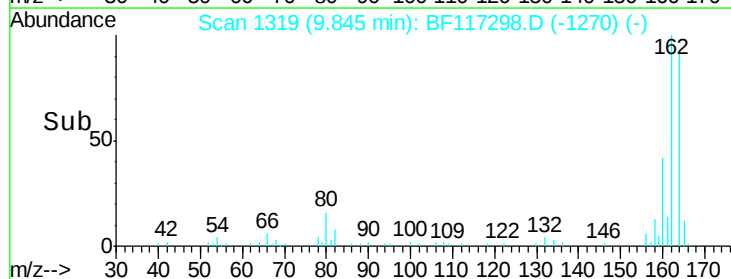
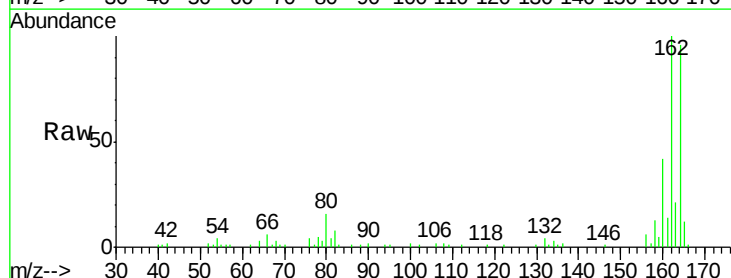
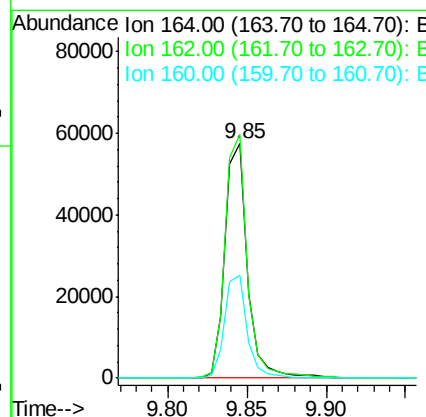
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF117298.D
 Acq: 2 Oct 2019 14:38

Tgt Ion	164	Resp	56726
Ion Ratio	100	Lower	Upper
162	103.8	83.4	125.2
160	43.8	36.4	54.6





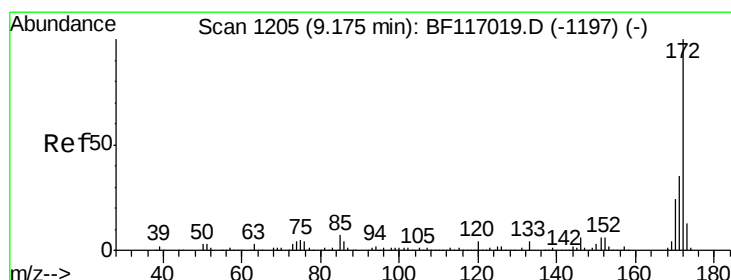
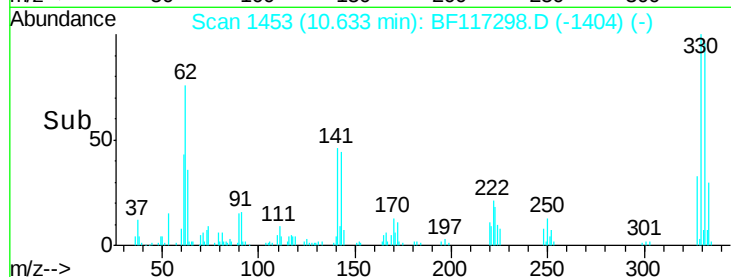
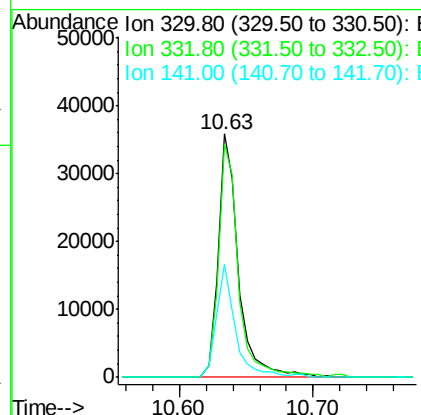
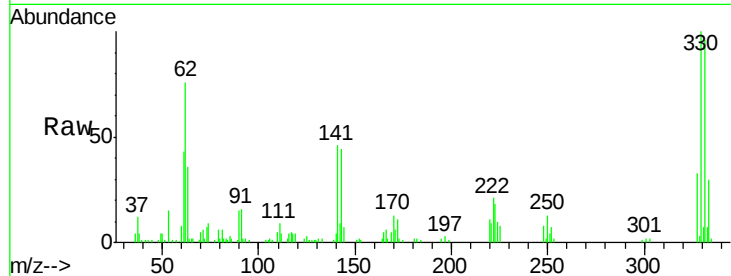
#42
 2,4,6-Tribromophenol
 Concen: 80.207 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF117298.D
 Acq: 2 Oct 2019 14:38

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-047-B

Tot Ion	Ratio	Resp	Lower	Upper
330	100	38026		
332	95.6		78.0	117.0
141	43.9		35.8	53.6

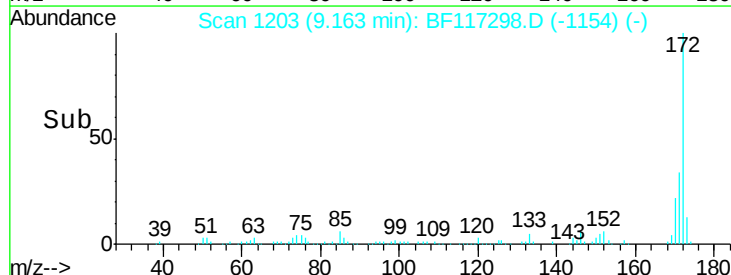
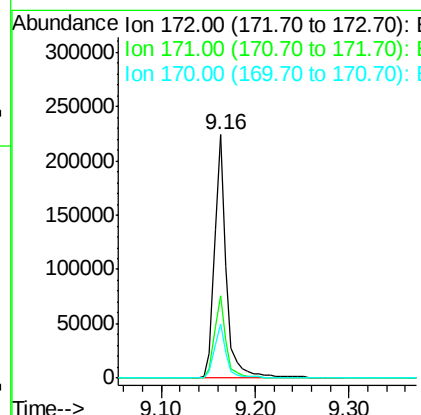
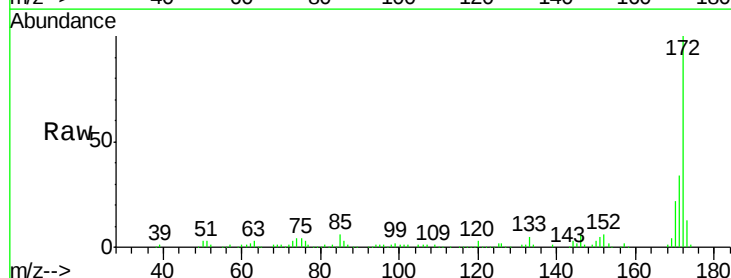
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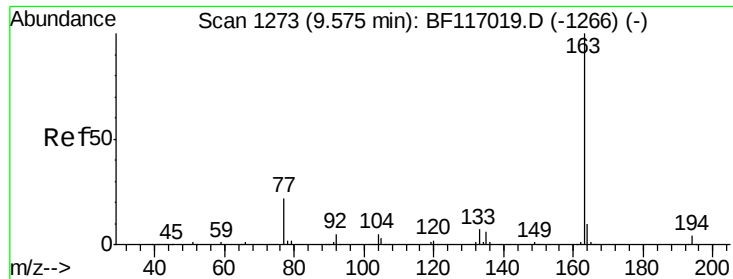
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#45
 2-Fluorobiphenyl
 Concen: 55.737 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF117298.D
 Acq: 2 Oct 2019 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	202212		
171	34.0		28.2	42.2
170	22.3		18.9	28.3





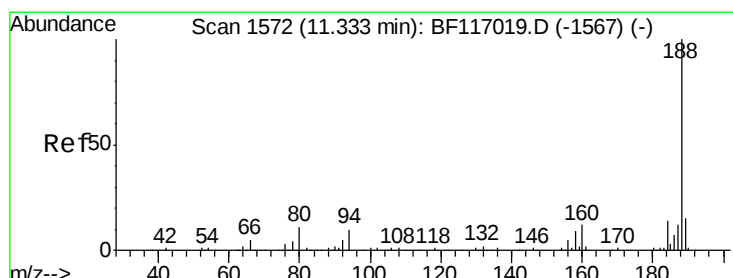
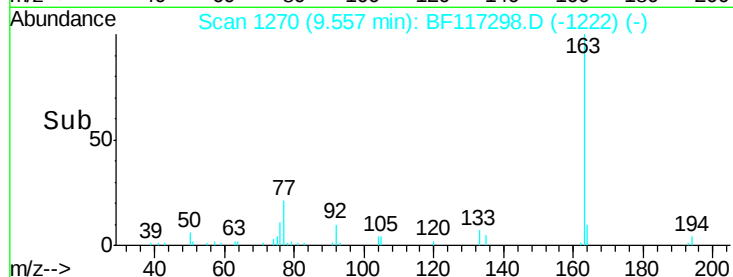
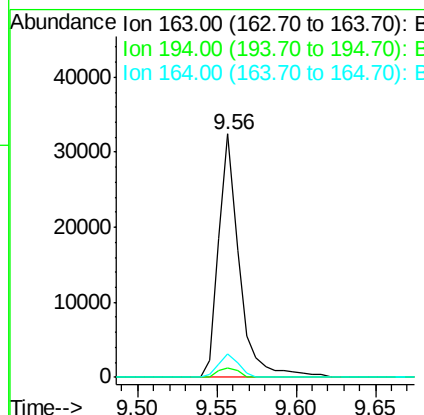
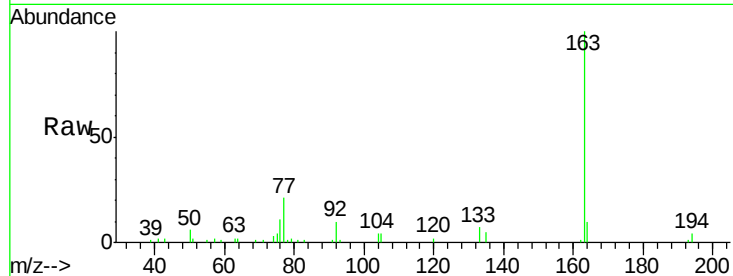
#50
Dimethylphthalate
Concen: 7.336 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117298.D
Acq: 2 Oct 2019 14:38

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-047-B

Tot Ion:	163	Resp:	29466
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.9	4.3
164	9.8	8.2	12.4

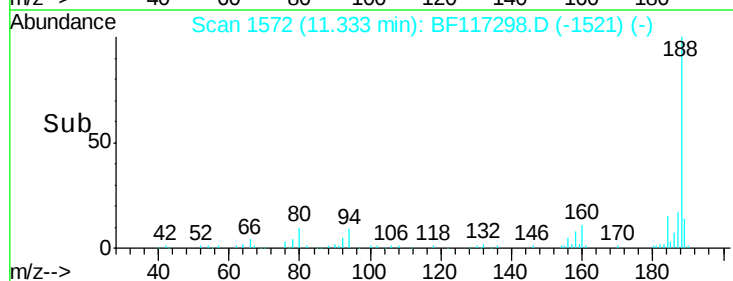
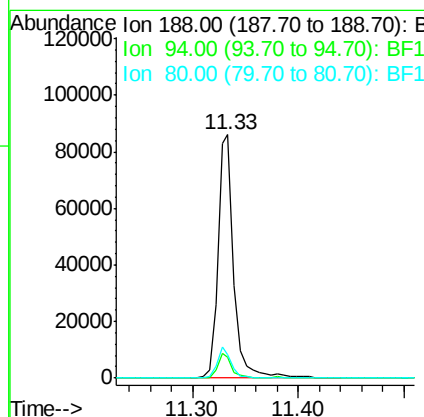
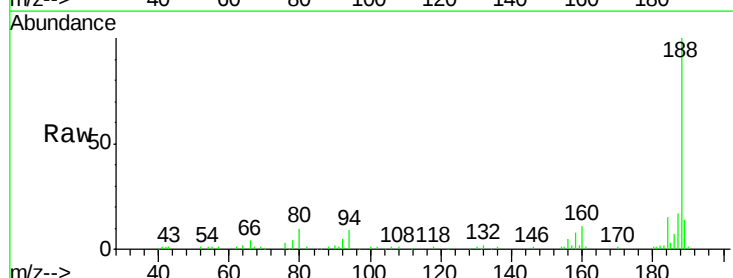
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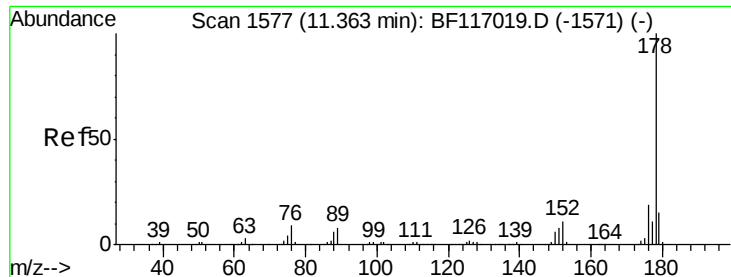
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117298.D
Acq: 2 Oct 2019 14:38

Tgt Ion:	188	Resp:	91072
Ion Ratio	Lower	Upper	
188	100		
94	8.8	8.2	12.2
80	9.8	9.0	13.6





#71

Phenanthrene

Concen: 4.846 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF117298.D

Acq: 2 Oct 2019 14:38

Instrument :

BNA_F

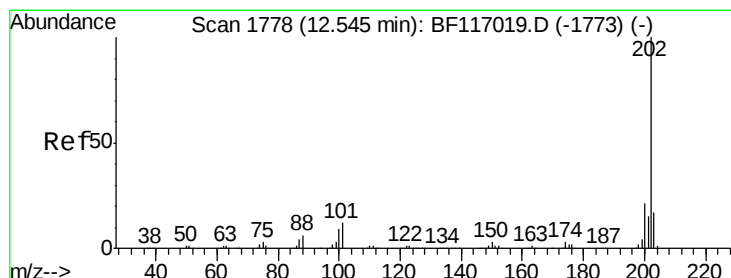
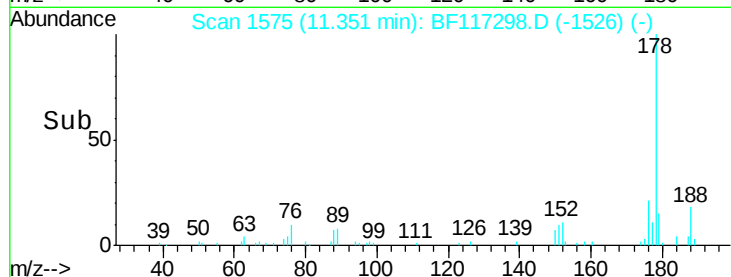
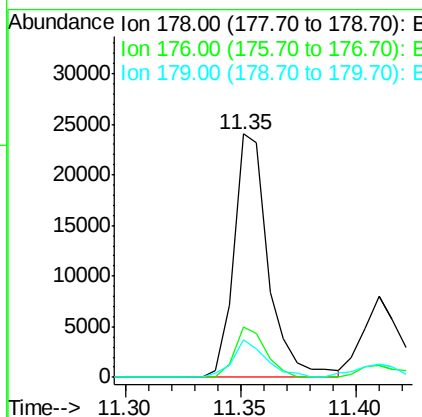
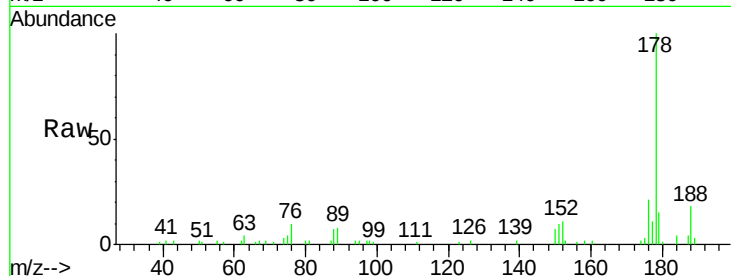
ClientSampleId :

FK-GF-02-047-B

Tot Ion:	178	Resp:	25068
Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.4	23.2
179	15.2	12.4	18.6

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#75

Fluoranthene

Concen: 10.383 ng

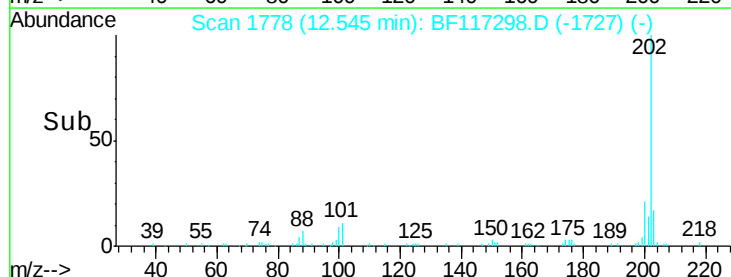
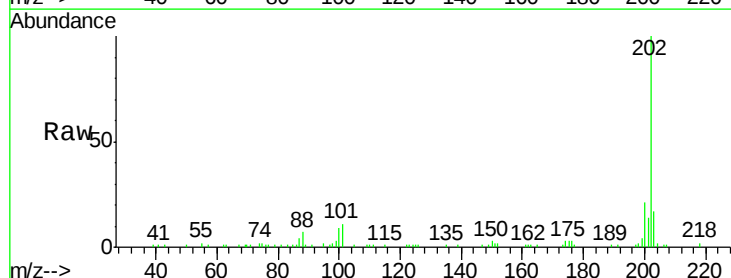
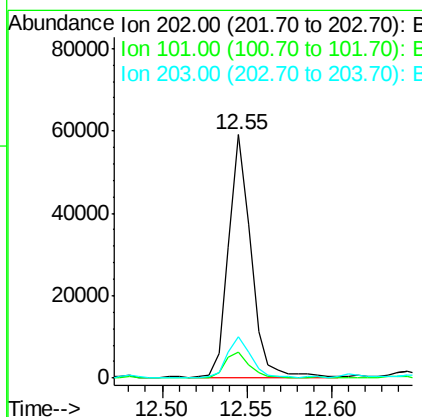
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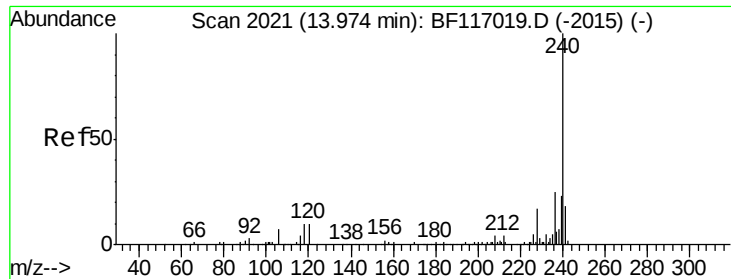
Delta R.T. 0.00 min

Lab File: BF117298.D

Acq: 2 Oct 2019 14:38

Tgt Ion:	202	Resp:	55187
Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	32.3
203	17.1	0.0	37.1





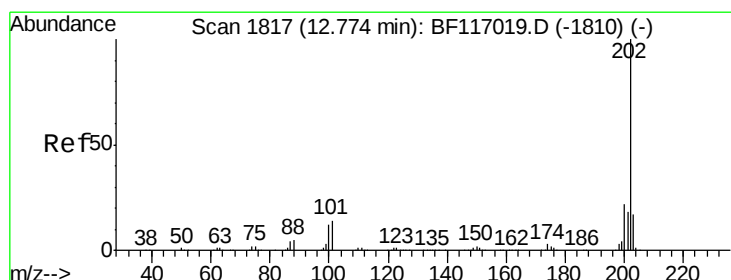
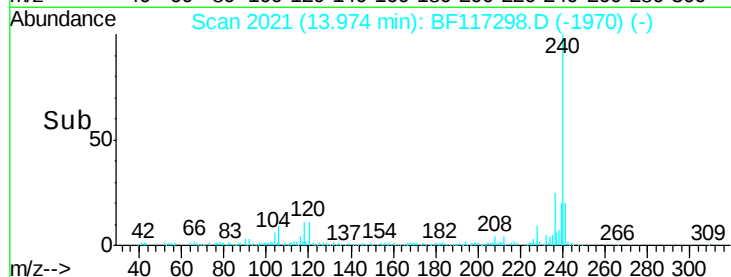
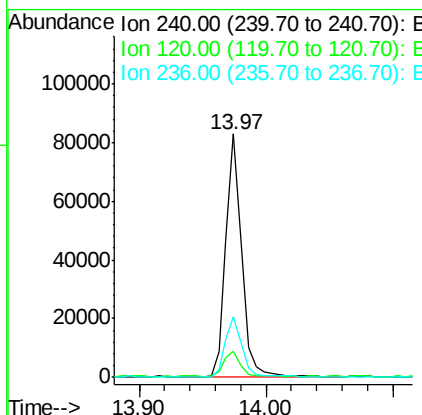
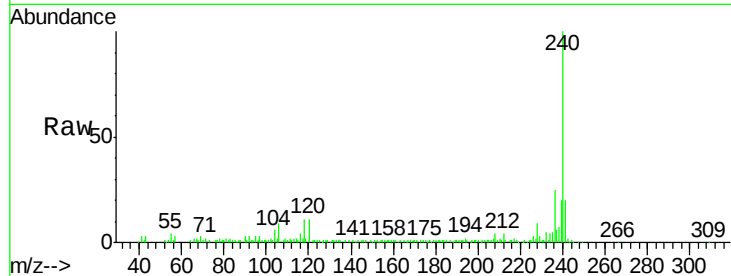
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF117298.D
Acq: 2 Oct 2019 14:38

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-047-B

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.3	12.5
236	24.7	20.3	30.5

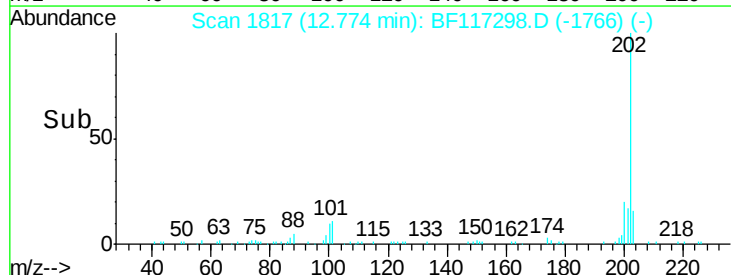
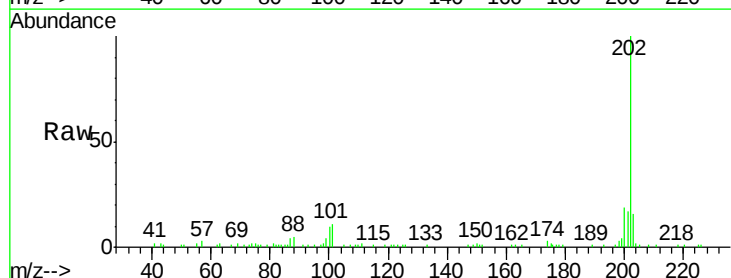
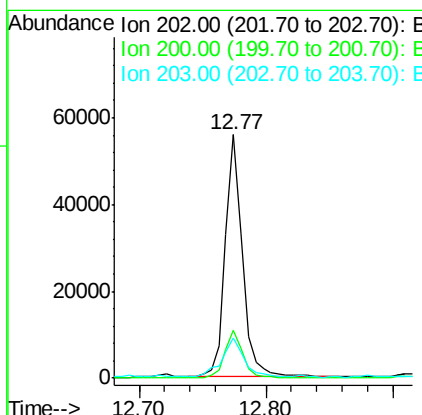
Manual Integrations
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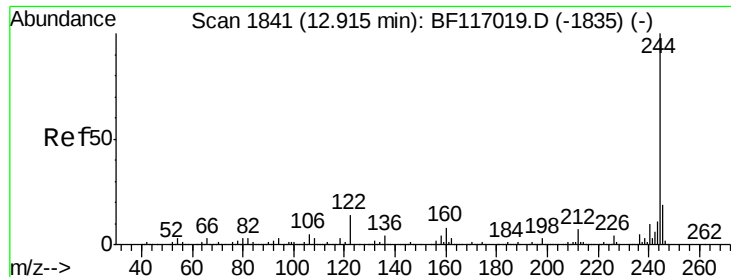
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#78
Pyrene
Concen: 8.502 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF117298.D
Acq: 2 Oct 2019 14:38

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.2	25.8
203	16.2	14.0	21.0





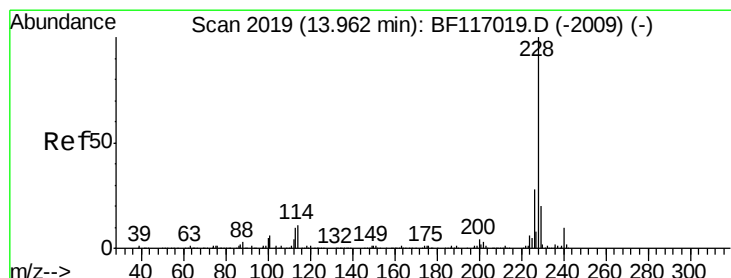
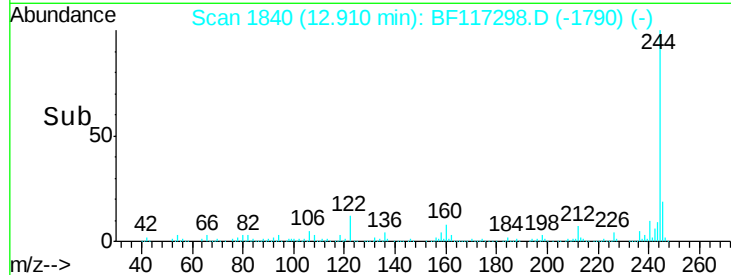
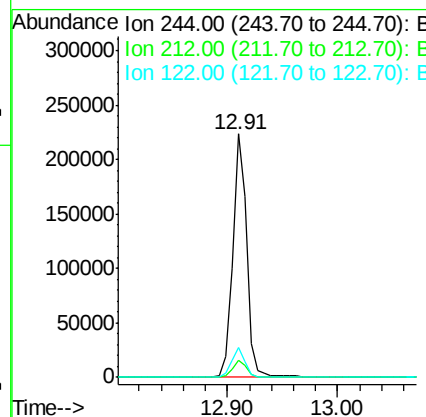
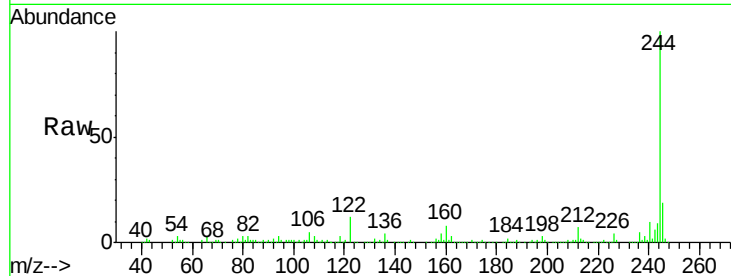
#79
 Terphenyl-d14
 Concen: 50.649 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117298.D
 Acq: 2 Oct 2019 14:38

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-047-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.4	11.3	16.9

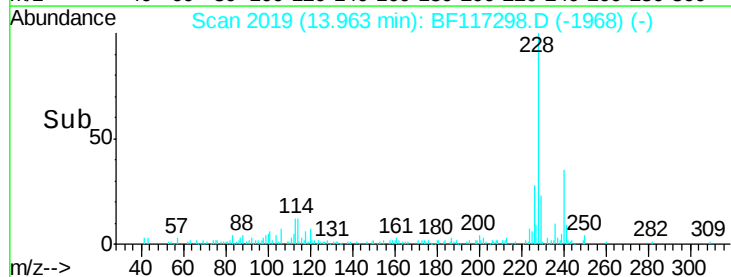
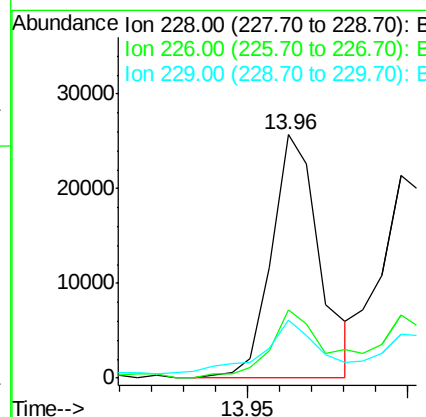
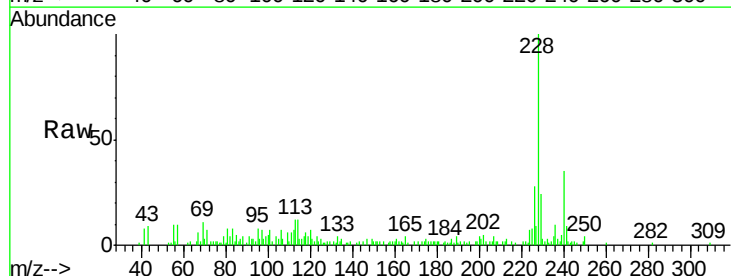
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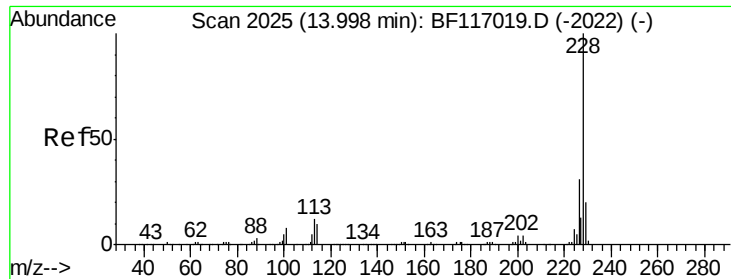
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#81
 Benzo(a)anthracene
 Concen: 5.527 ng m
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF117298.D
 Acq: 2 Oct 2019 14:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.3	33.5
229	24.1	15.9	23.9#





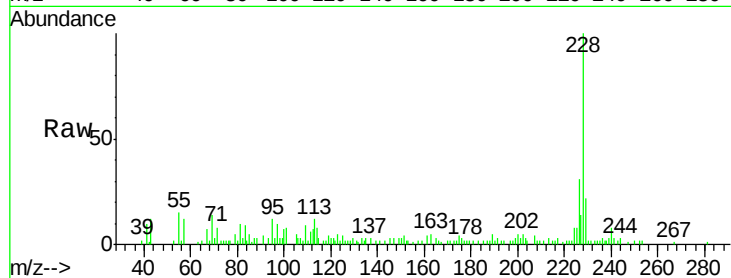
#83
Chrysene
Concen: 5.326 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF117298.D
Acq: 2 Oct 2019 14:38

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-047-B

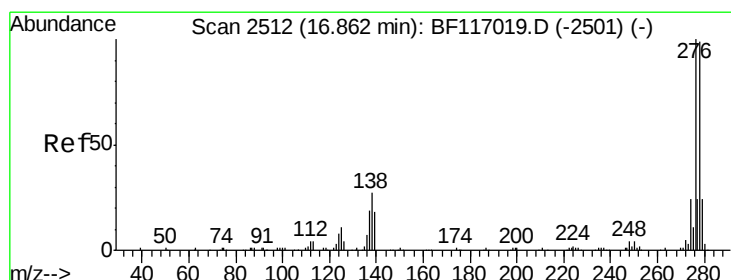
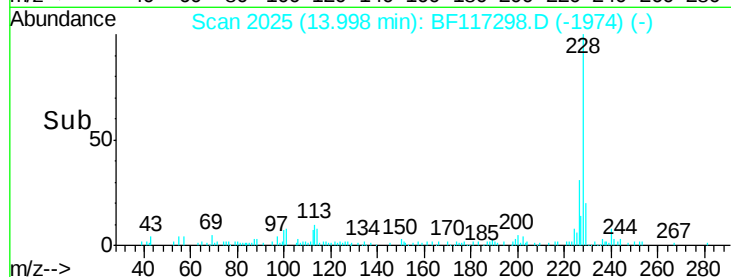
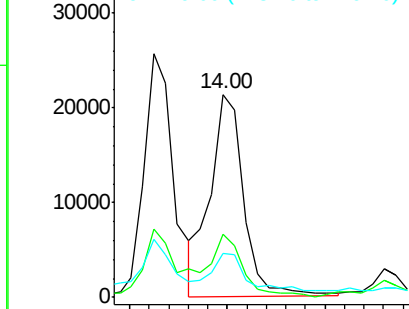
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.8	37.2
229	21.9	15.8	23.8

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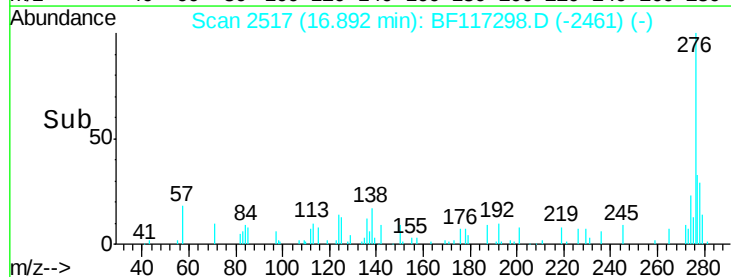
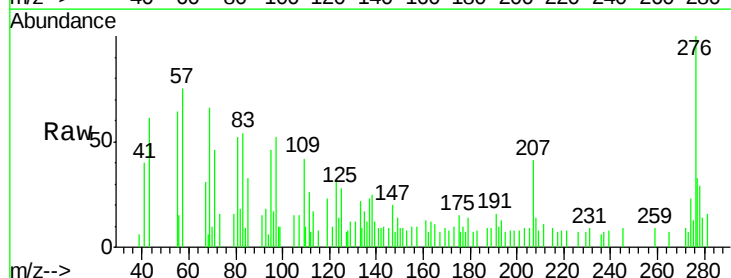
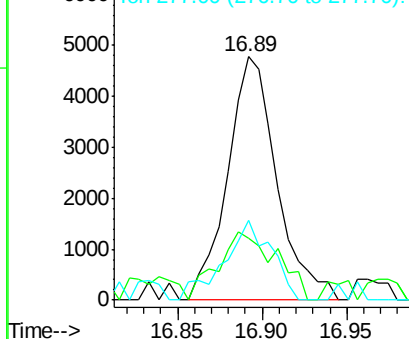
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

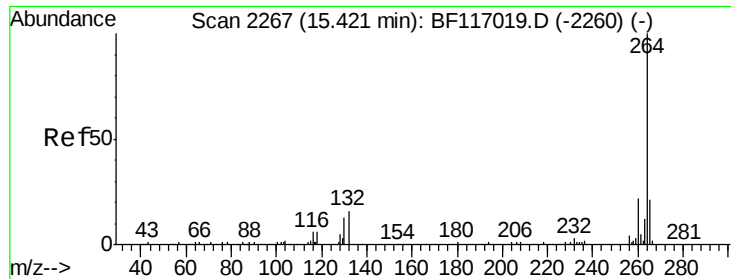


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.785 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.03 min
Lab File: BF117298.D
Acq: 2 Oct 2019 14:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.0	20.7	31.1#
277	31.2	19.8	29.8#

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: 15.43 min Scan# 2269

Delta R.T. 0.01 min

Lab File: BF117298.D

Acq: 2 Oct 2019 14:38

Instrument :

BNA_F

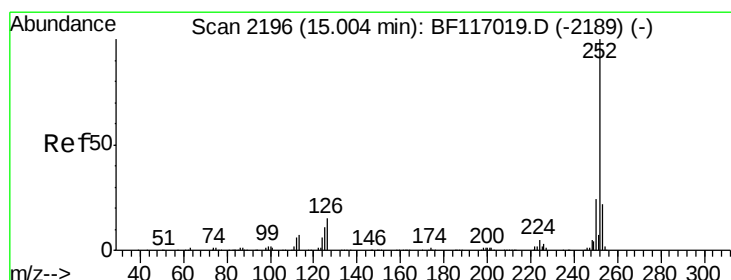
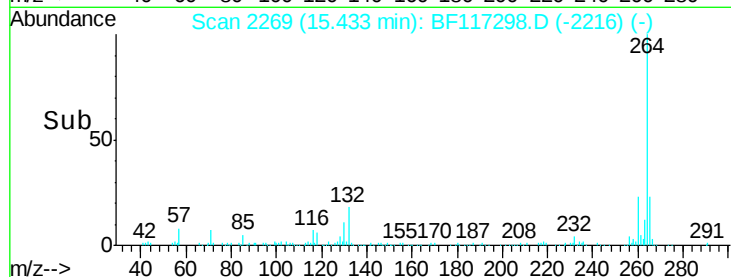
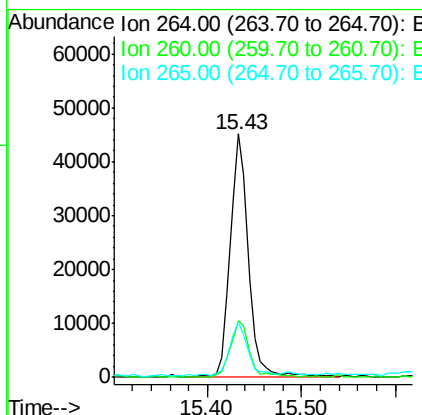
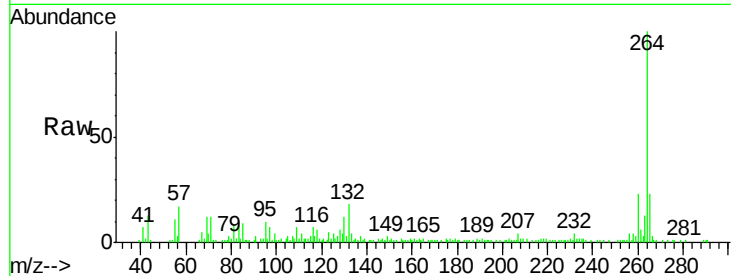
ClientSampleId :

FK-GF-02-047-B

Tot Ion:	264	Resp:	61244
Ion Ratio	Lower	Upper	
264	100		
260	23.4	17.6	26.4
265	22.8	16.6	24.8

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#88

Benzo(b)fluoranthene

Concen: 6.771 ng m

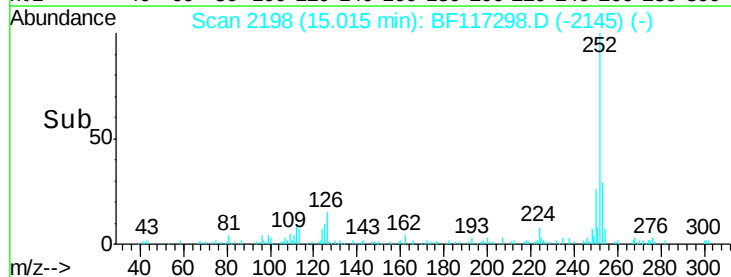
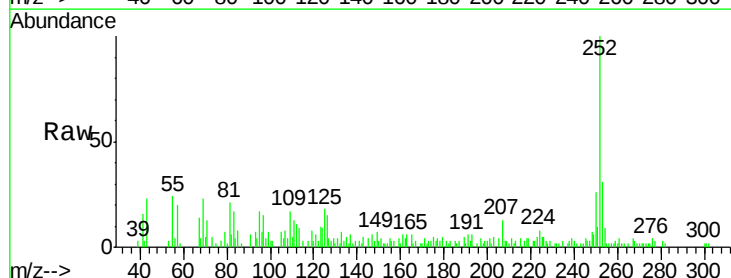
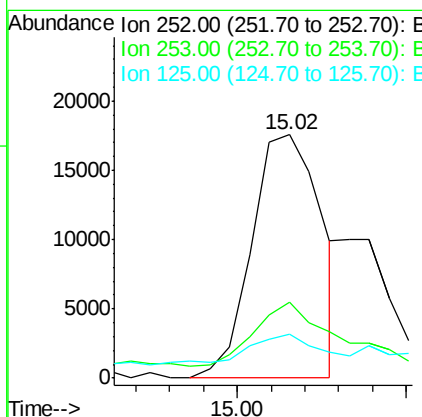
RT: 15.02 min Scan# 2198

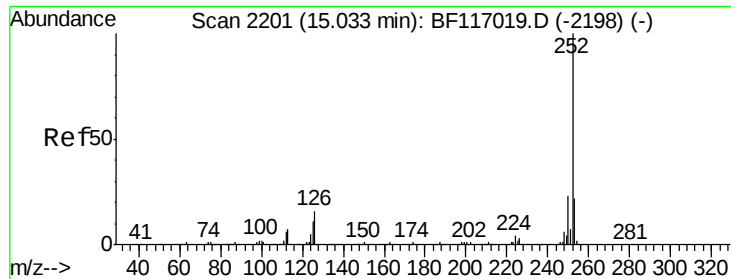
Delta R.T. 0.01 min

Lab File: BF117298.D

Acq: 2 Oct 2019 14:38

Tgt Ion:	252	Resp:	25117
Ion Ratio	Lower	Upper	
252	100		
253	31.2	17.6	26.4#
125	18.1	8.6	12.8#





#89

Benzo(k)fluoranthene

Concen: 3.228 ng/mL

RT: 15.03 min Scan# 2201

Delta R.T. 0.00 min

Lab File: BF117298.D

Acq: 2 Oct 2019 14:38

Instrument :

BNA_F

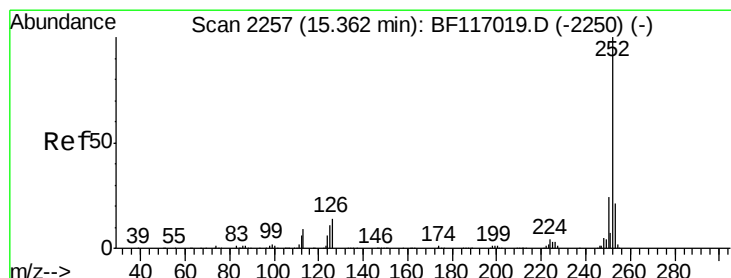
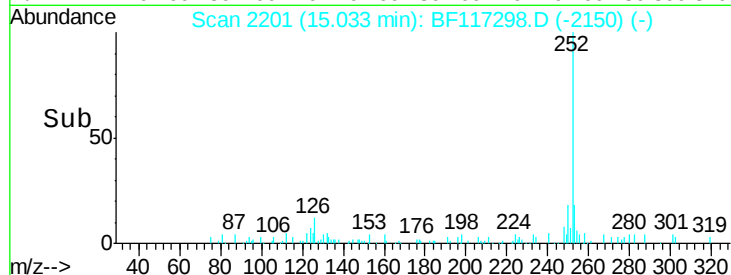
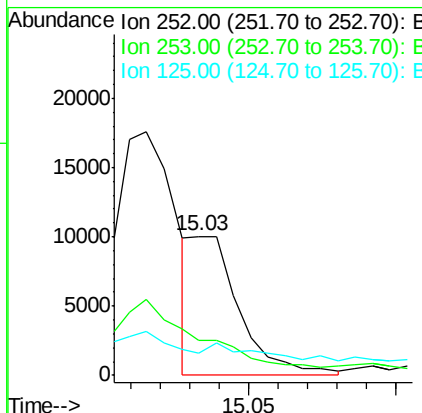
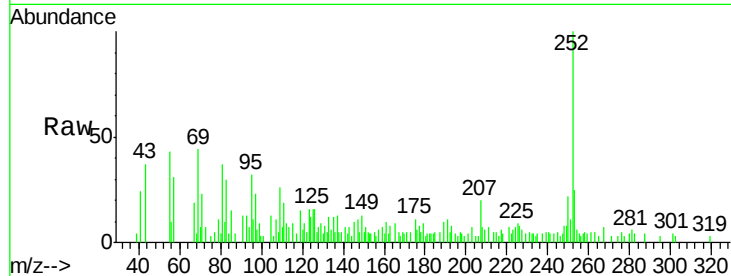
ClientSampleId :

FK-GF-02-047-B

Tot Ion:	252	Resp:	11342
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.4	26.2
125	16.3	8.8	13.2#

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#90

Benzo(a)pyrene

Concen: 5.401 ng/mL

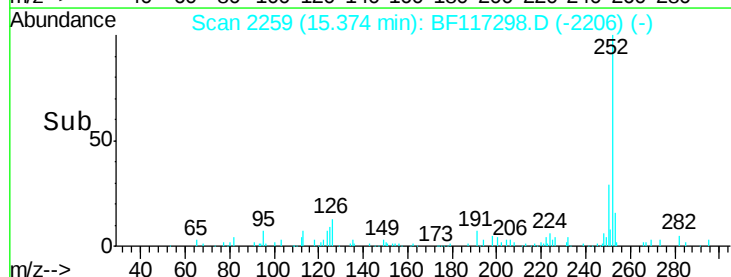
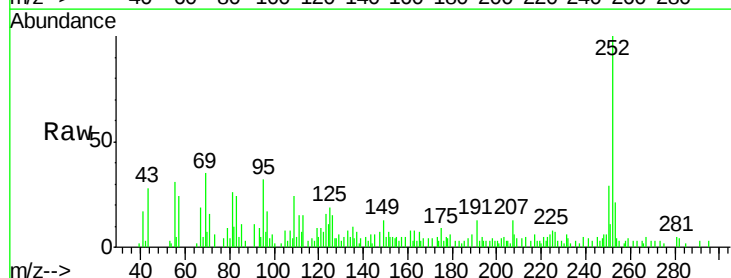
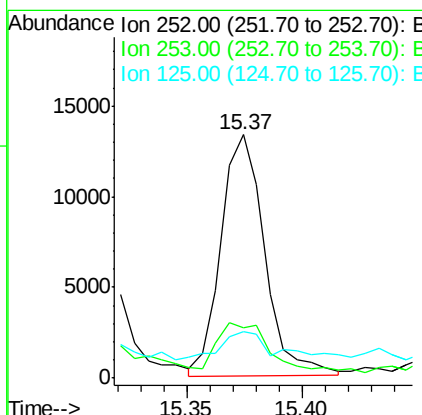
RT: 15.37 min Scan# 2259

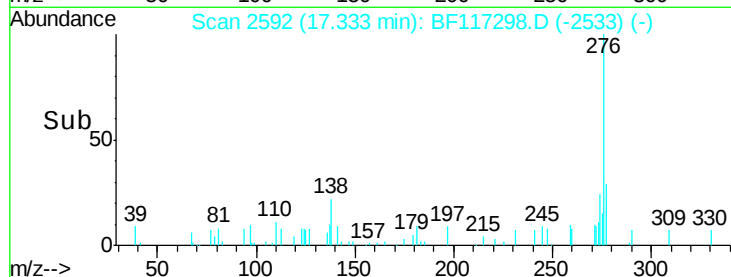
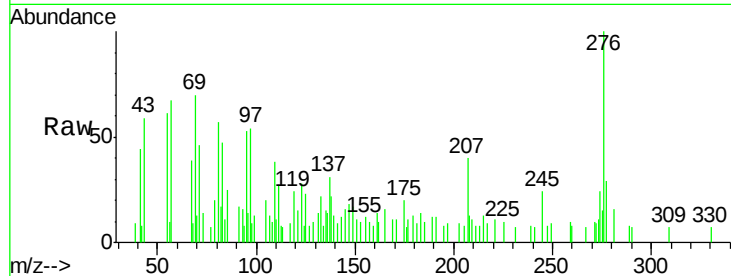
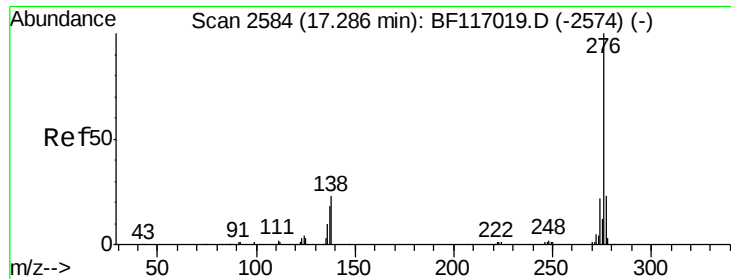
Delta R.T. 0.01 min

Lab File: BF117298.D

Acq: 2 Oct 2019 14:38

Tgt Ion:	252	Resp:	17583
Ion Ratio	Lower	Upper	
252	100		
253	20.7	16.6	25.0
125	19.1	8.9	13.3#





#92
 Benzo(a,h,i)perylene
 Concen: 3.673 ng
 RT: 17.33 min Scan# 2592
 Delta R.T. 0.05 min
 Lab File: BF117298.D
 Acq: 2 Oct 2019 14:38

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-047-B

Tot Ion	Ratio	Lower	Upper
276	100		
277	29.1	18.6	27.8#
138	21.5	18.0	27.0

Manual Integrations
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