

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
 Data File : BF117297.D
 Acq On : 2 Oct 2019 14:11
 Operator : JU
 Sample : K5137-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
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mohammad
 10/4/2019 8:17:22 AM

Quant Time: Oct 03 01:56:05 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	34925	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	136949	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	67237	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	104870	20.00	ng	0.00
76) Chrysene-d12	13.97	240	91153	20.00	ng	0.00
87) Perylene-d12	15.43	264	73942	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	195121	87.22	ng	0.00
7) Phenol-d6	6.45	99	264065	91.34	ng	0.00
23) Nitrobenzene-d5	7.37	82	157658	60.49	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	50463	89.80	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	280710	65.28	ng	-0.01
79) Terphenyl-d14	12.92	244	272230	55.82	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	18975	3.986	ng	99
71) Phenanthrene	11.35	178	22976	3.857	ng	97
75) Fluoranthene	12.55	202	45299	7.401	ng	98
78) Pyrene	12.77	202	42428	5.547	ng	97
81) Benzo(a)anthracene	13.96	228	21609	3.548	ng	95
83) Chrysene	14.00	228	21128	3.557	ng	# 93
88) Benzo(b)fluoranthene	15.01	252	20939m	4.675	ng	
90) Benzo(a)pyrene	15.37	252	15036	3.826	ng	# 93
92) Benzo(g,h,i)perylene	17.33	276	6663	2.136	ng	# 89

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

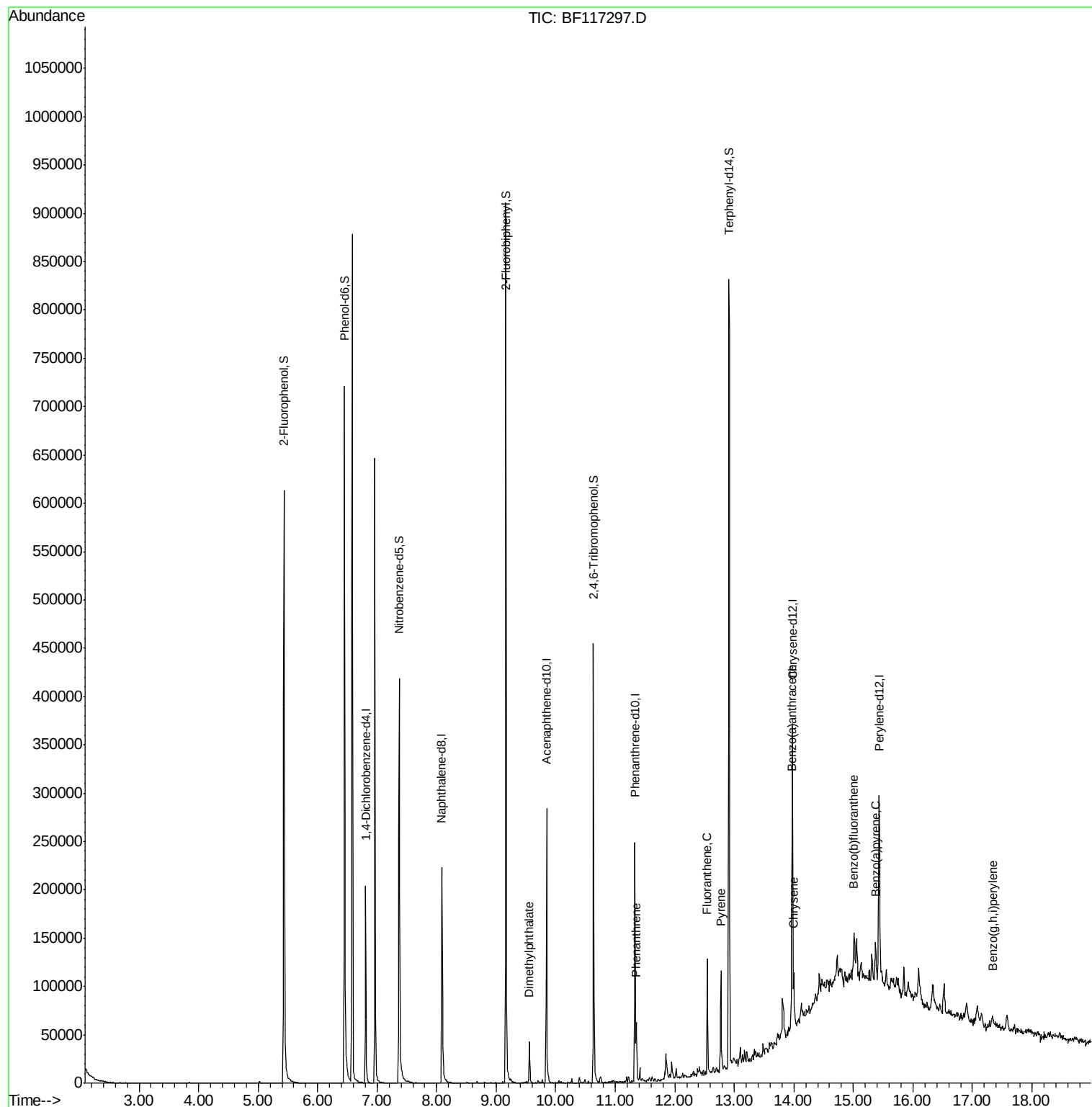
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
Data File : BF117297.D
Acq On : 2 Oct 2019 14:11
Operator : JU
Sample : K5137-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

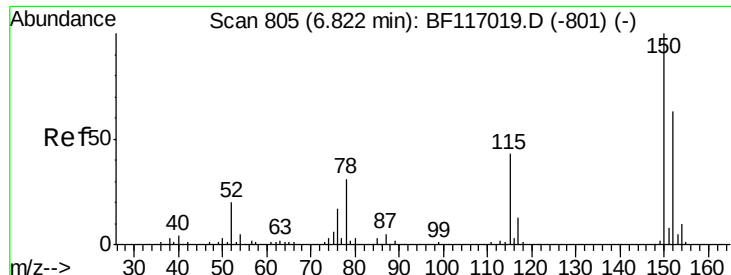
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-047-A

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Quant Time: Oct 03 01:56:05 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





#1

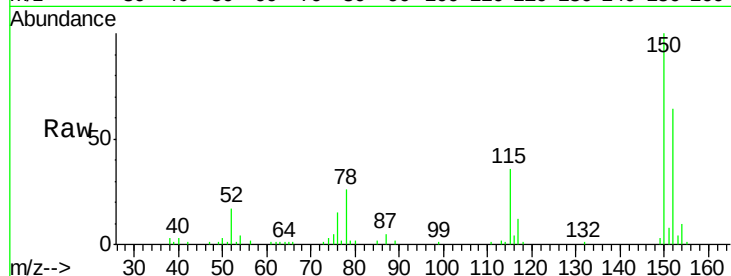
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117297.D
Acq: 2 Oct 2019 14:11

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

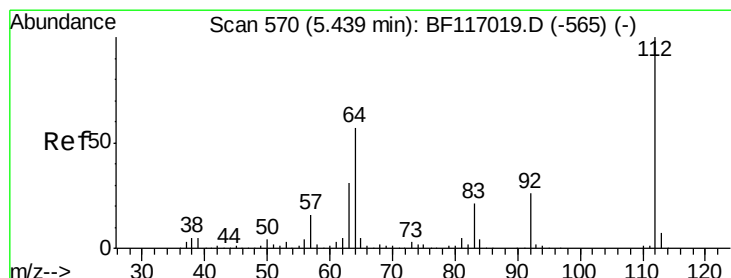
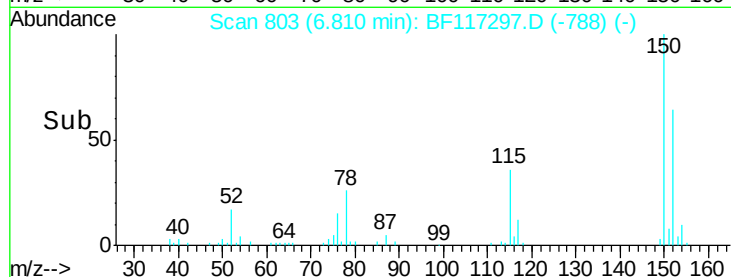
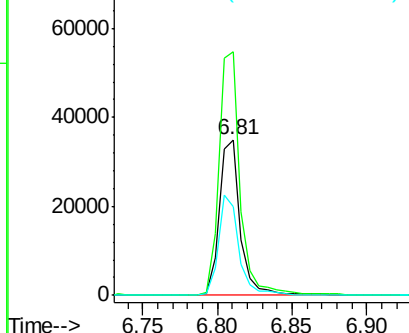
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	127.5	191.3
115	56.6	55.0	82.4

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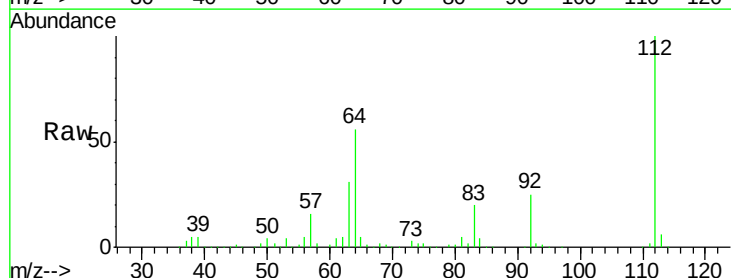
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



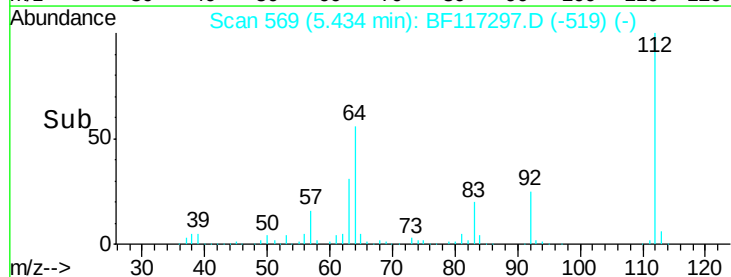
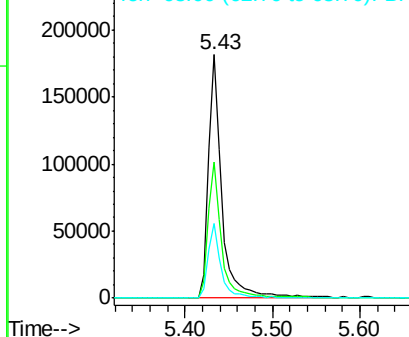
#5

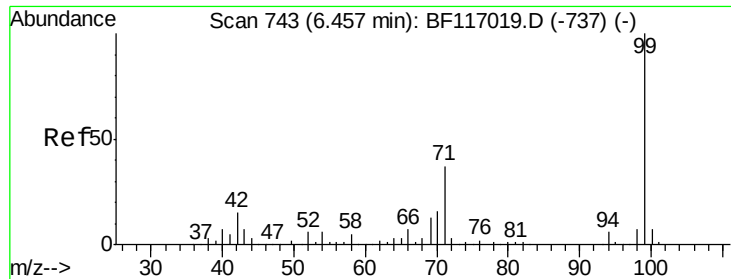
2-Fluorophenol
Concen: 87.225 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF117297.D
Acq: 2 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	45.7	68.5
63	30.6	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: 91.340 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117297.D

Acq: 2 Oct 2019 14:11

Instrument :

BNA_F

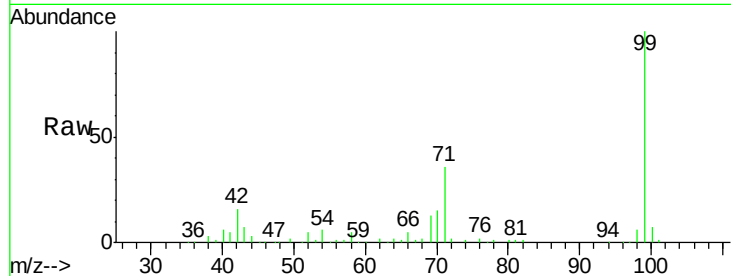
ClientSampleId :

FK-GF-02-047-A

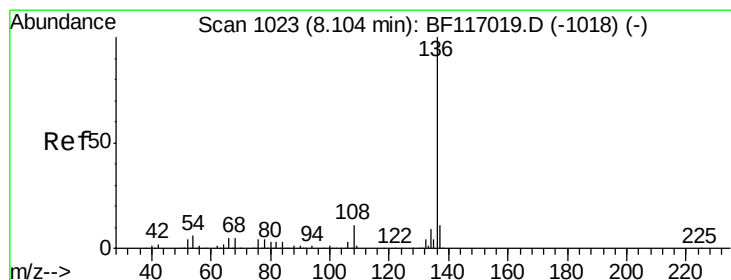
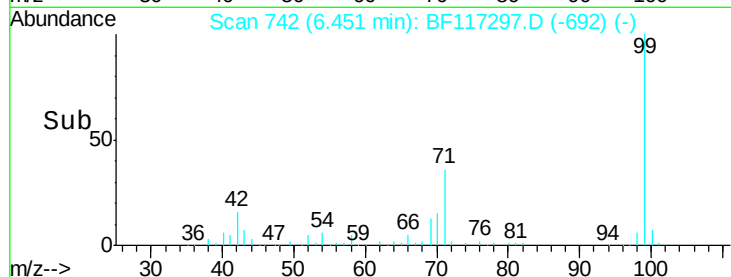
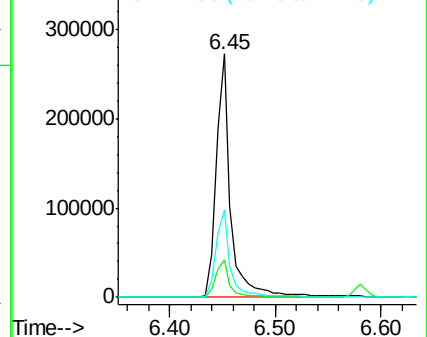
Tot Ion:	99	Resp:	264065
Ion Ratio	Lower	Upper	
99	100		
42	15.6	12.2	18.2
71	36.0	29.8	44.8

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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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

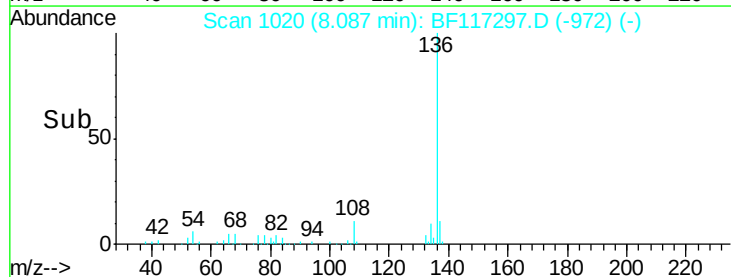
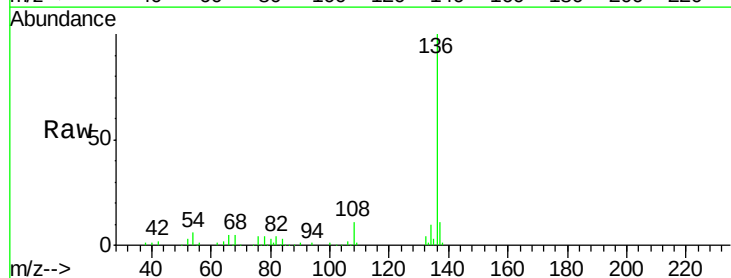
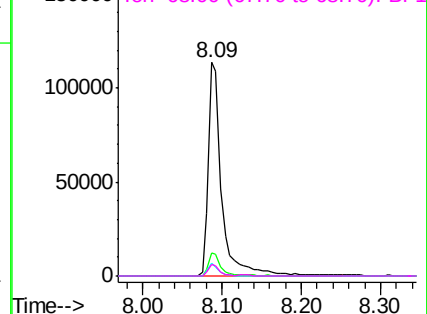
Delta R.T. -0.02 min

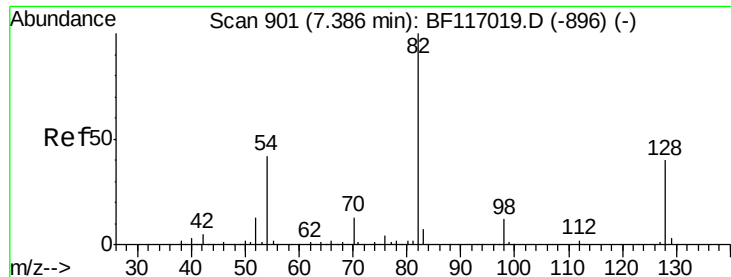
Lab File: BF117297.D

Acq: 2 Oct 2019 14:11

Tgt Ion:	136	Resp:	136949
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.0	13.4
54	6.3	4.5	6.7
68	5.4	4.0	6.0

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





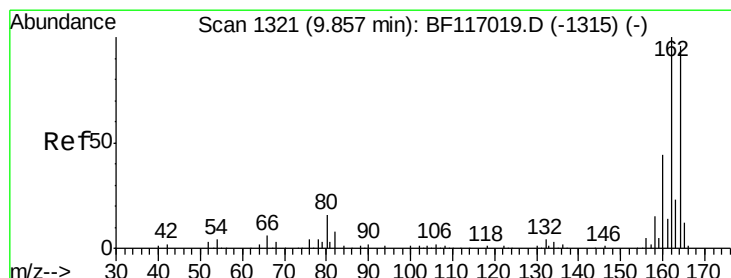
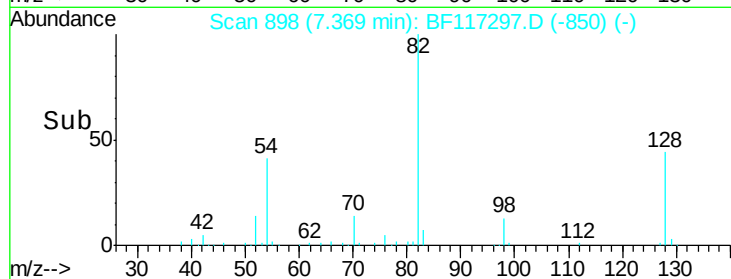
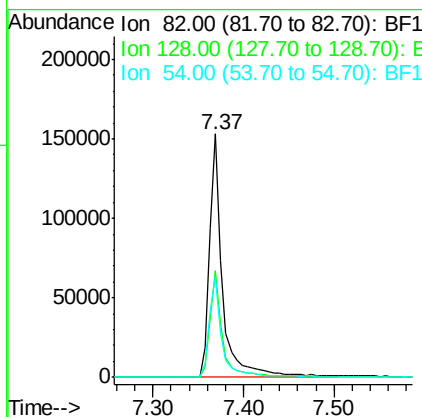
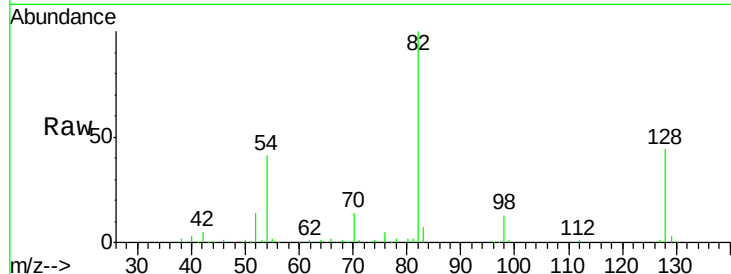
#23
 Nitrobenzene-d5
 Concen: 60.488 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF117297.D
 Acq: 2 Oct 2019 14:11

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

Tot Ion	82	Resp	157658
Ion Ratio	100	Lower	Upper
128	44.0	32.3	48.5
54	41.4	33.3	49.9

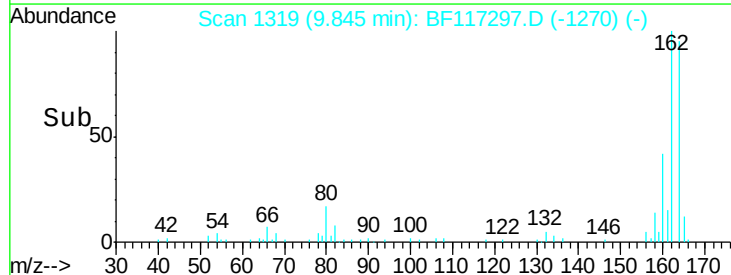
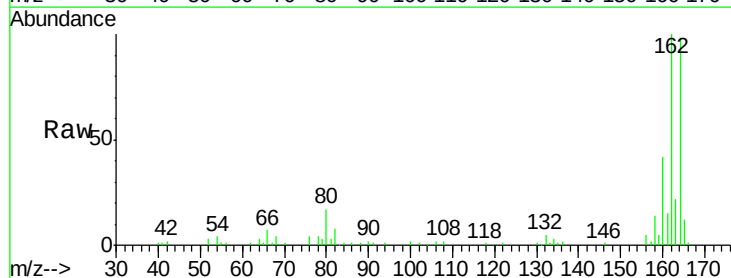
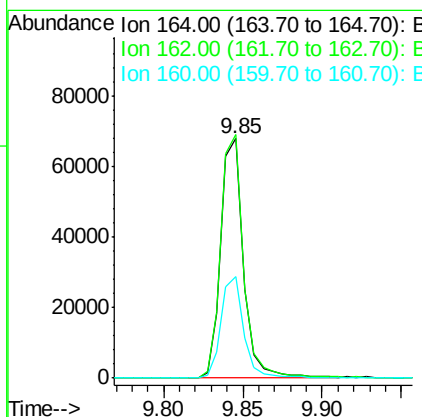
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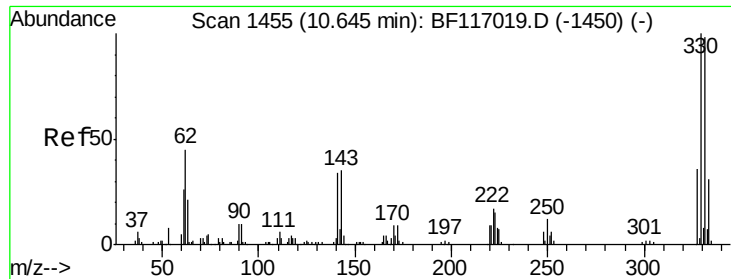
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF117297.D
 Acq: 2 Oct 2019 14:11

Tgt Ion	164	Resp	67237
Ion Ratio	100	Lower	Upper
162	101.6	83.4	125.2
160	42.6	36.4	54.6





#42

2,4,6-Tribromophenol

Concen: 89.800 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF117297.D

Acq: 2 Oct 2019 14:11

Instrument :

BNA_F

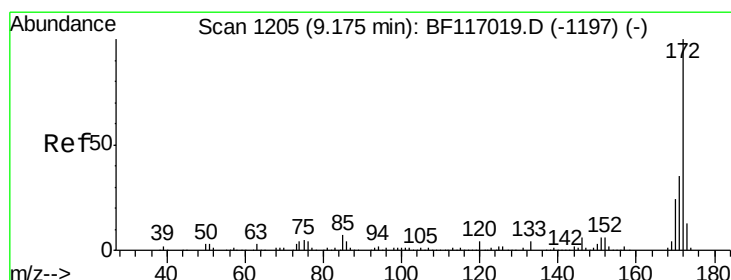
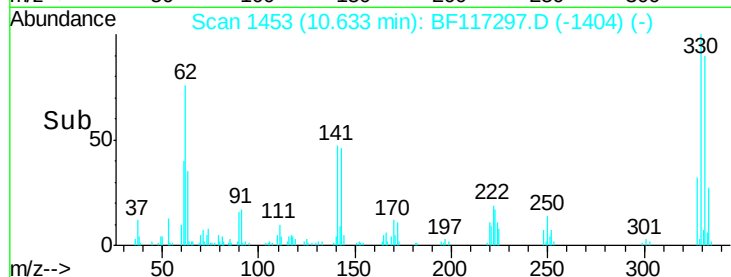
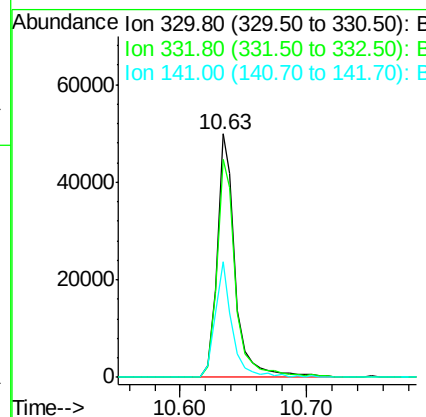
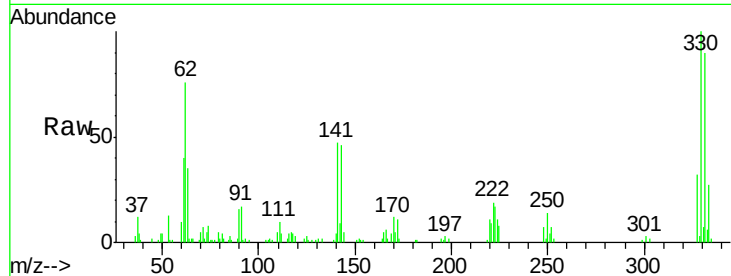
ClientSampleId :

FK-GF-02-047-A

Tot Ion:	330	Resp:	50463
Ion Ratio	Lower	Upper	
330	100		
332	92.8	78.0	117.0
141	43.9	35.8	53.6

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#45

2-Fluorobiphenyl

Concen: 65.278 ng

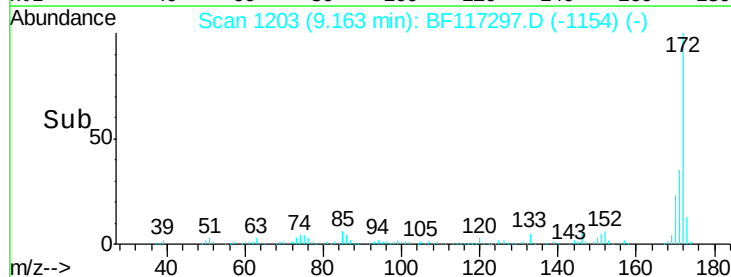
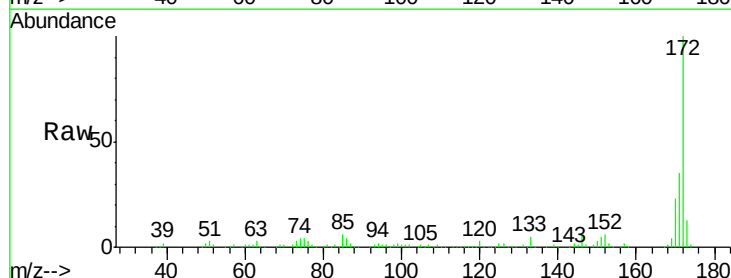
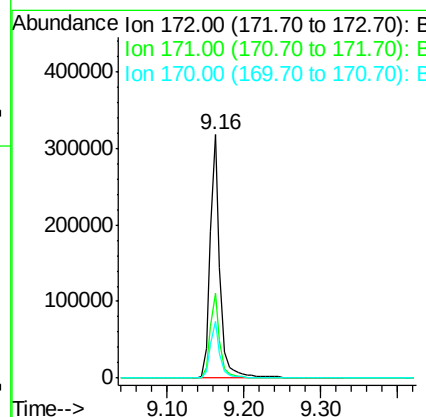
RT: 9.16 min Scan# 1203

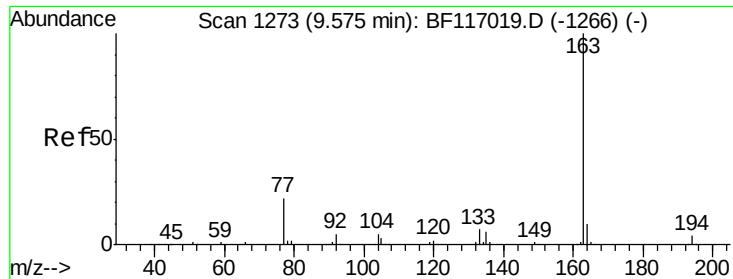
Delta R.T. -0.01 min

Lab File: BF117297.D

Acq: 2 Oct 2019 14:11

Tgt Ion:	172	Resp:	280710
Ion Ratio	Lower	Upper	
172	100		
171	35.0	28.2	42.2
170	23.1	18.9	28.3





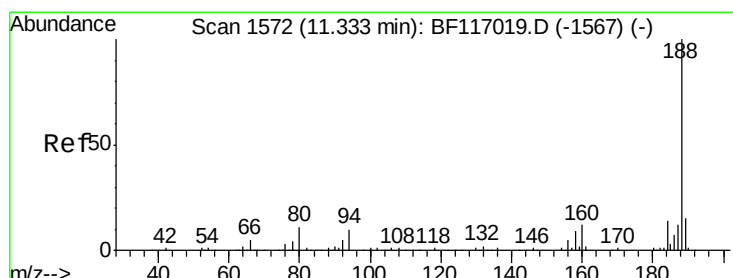
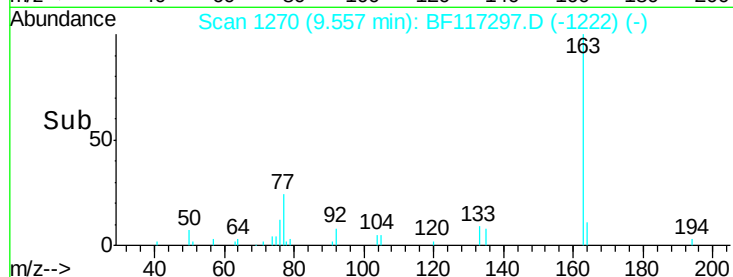
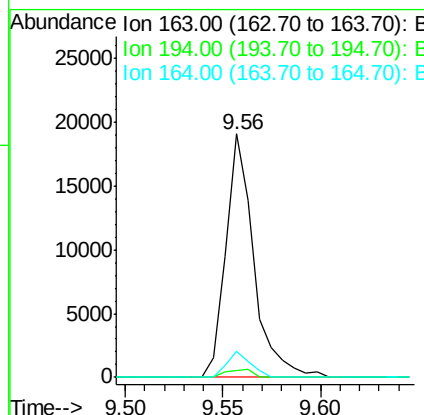
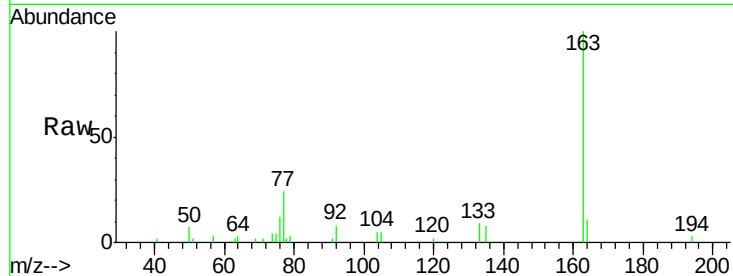
#50
Dimethylphthalate
Concen: 3.986 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117297.D
Acq: 2 Oct 2019 14:11

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.9	4.3
164	10.7	8.2	12.4

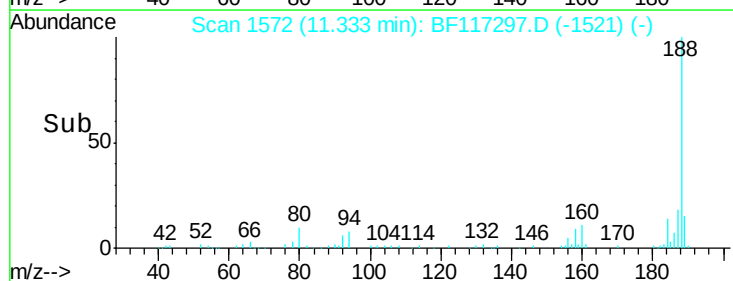
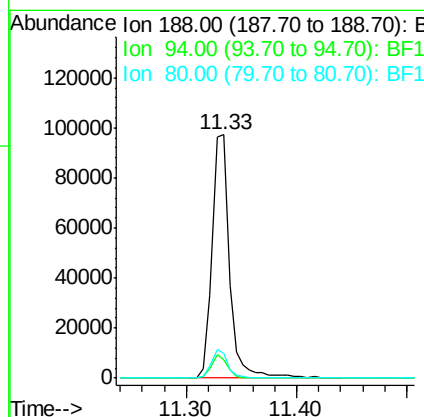
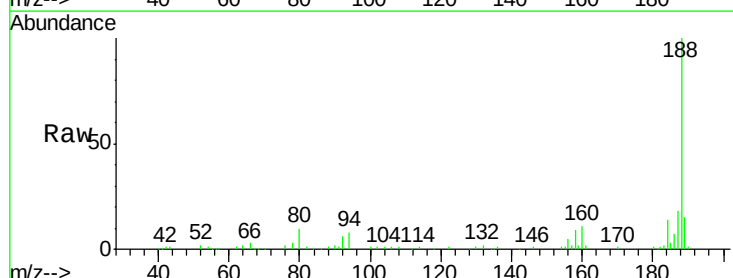
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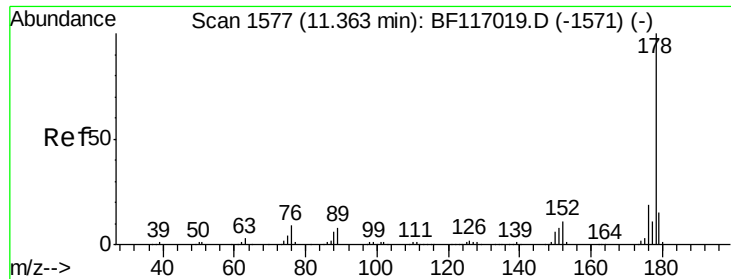
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117297.D
Acq: 2 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.2	12.2#
80	10.0	9.0	13.6





#71

Phenanthrene

Concen: 3.857 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF117297.D

Acq: 2 Oct 2019 14:11

Instrument :

BNA_F

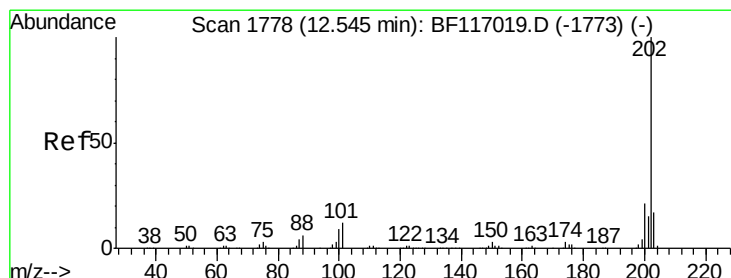
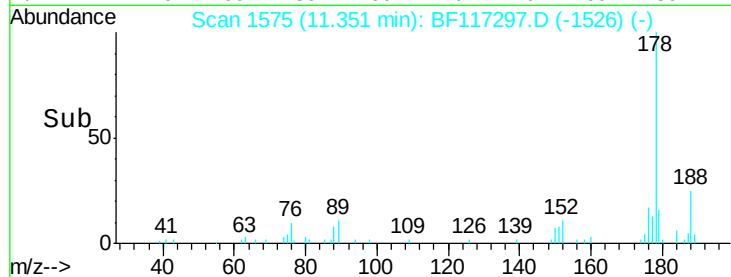
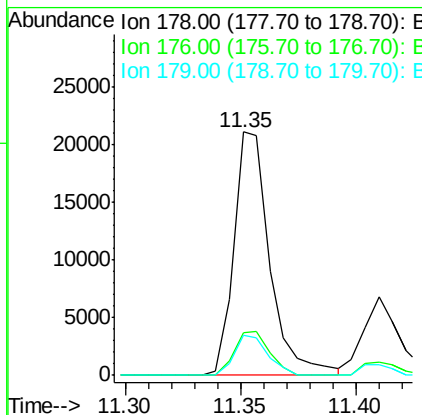
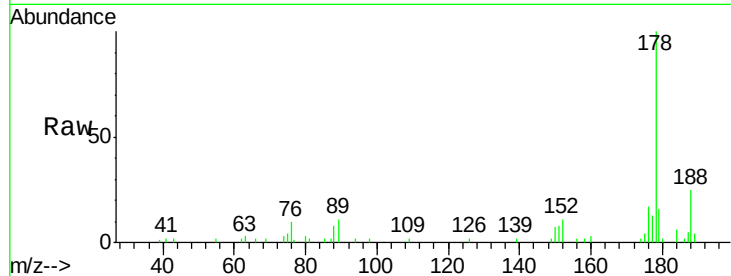
ClientSampleId :

FK-GF-02-047-A

Tot Ion:	178	Resp:	22976
Ion Ratio	Lower	Upper	
178	100		
176	17.4	15.4	23.2
179	16.2	12.4	18.6

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#75

Fluoranthene

Concen: 7.401 ng

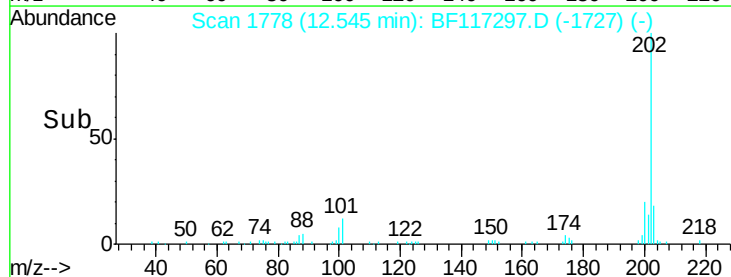
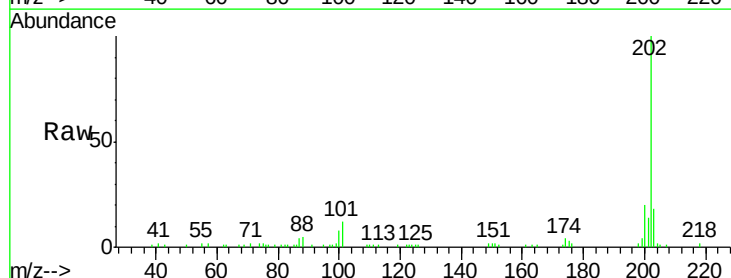
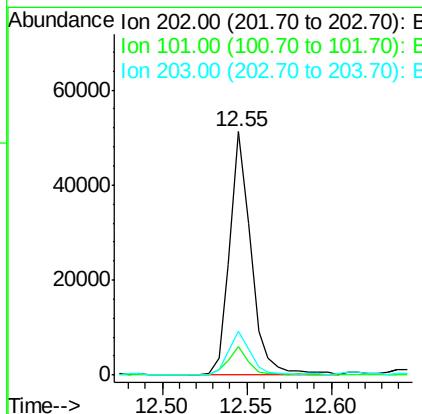
RT: 12.55 min Scan# 1778

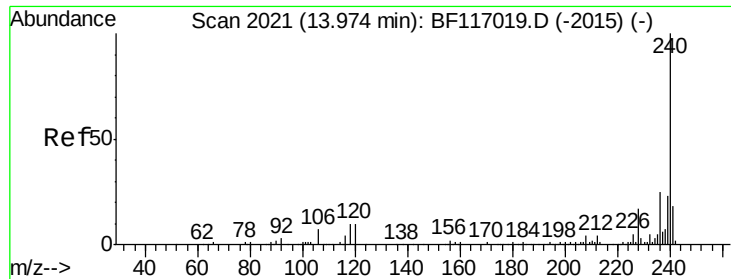
Delta R.T. 0.00 min

Lab File: BF117297.D

Acq: 2 Oct 2019 14:11

Tgt Ion:	202	Resp:	45299
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	32.3
203	18.0	0.0	37.1





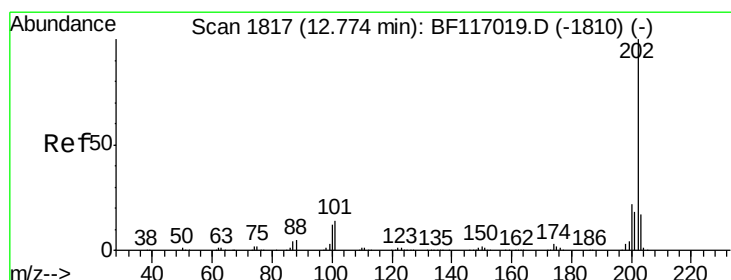
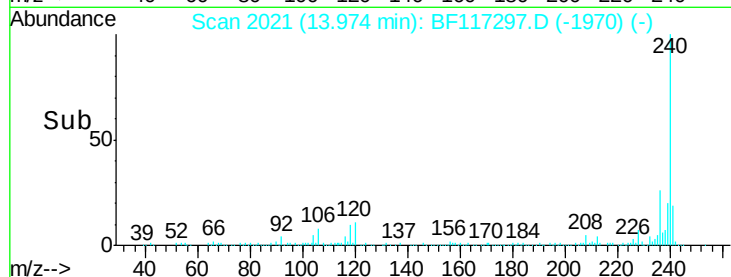
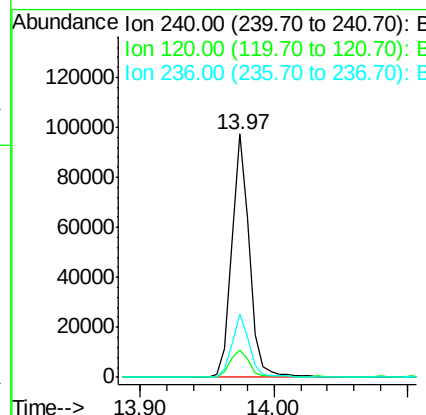
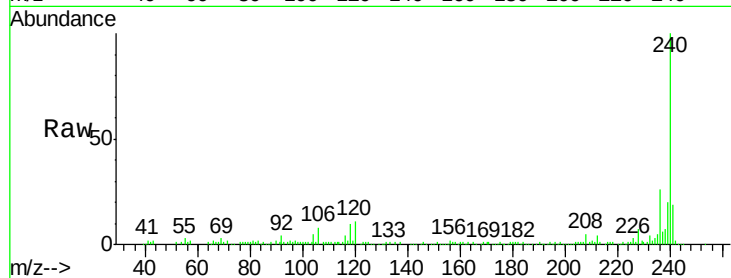
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF117297.D
Acq: 2 Oct 2019 14:11

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

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.3	12.5
236	25.8	20.3	30.5

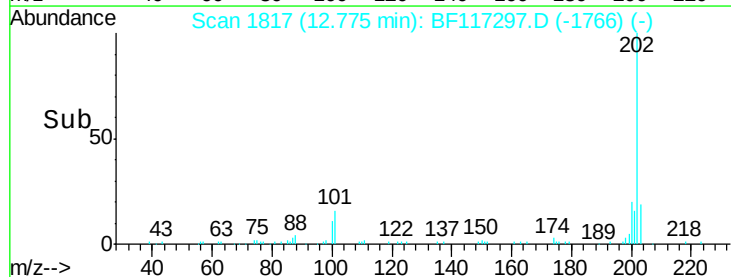
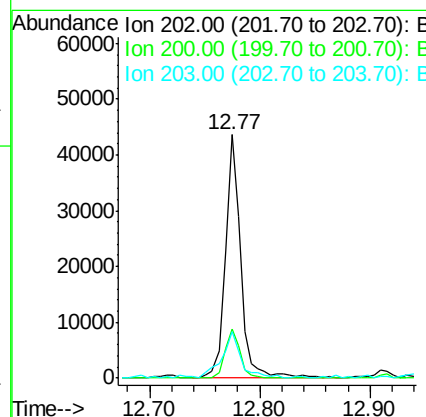
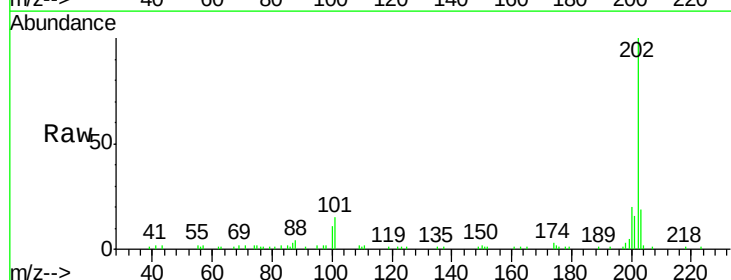
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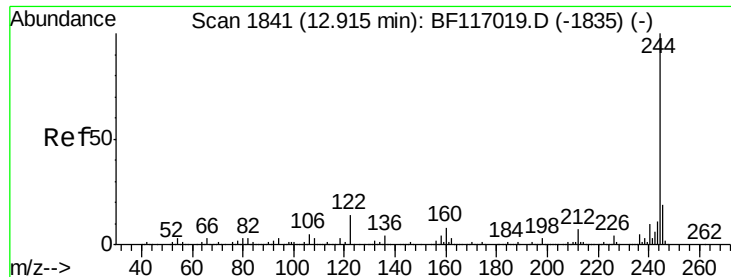
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#78
Pyrene
Concen: 5.547 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF117297.D
Acq: 2 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.2	25.8
203	19.1	14.0	21.0





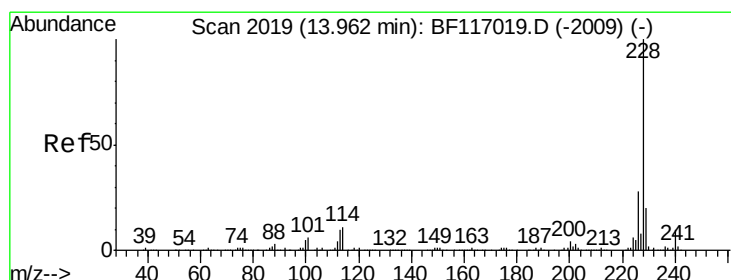
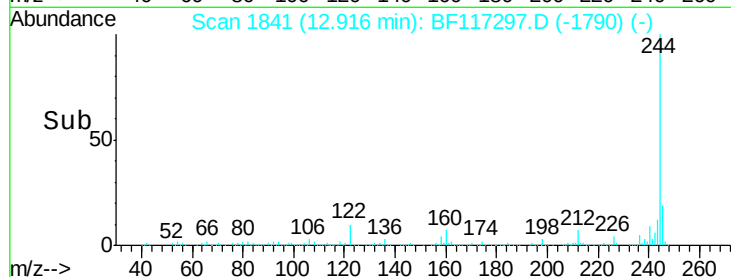
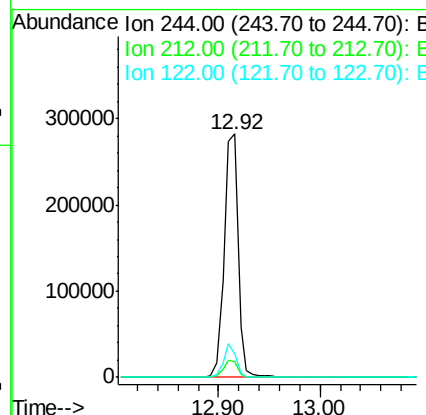
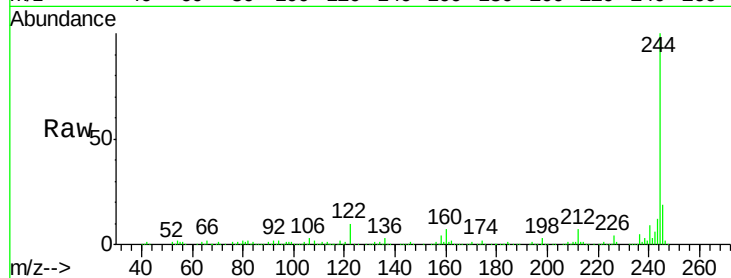
#79
 Terphenyl-d14
 Concen: 55.825 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117297.D
 Acq: 2 Oct 2019 14:11

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	9.8	11.3	16.9

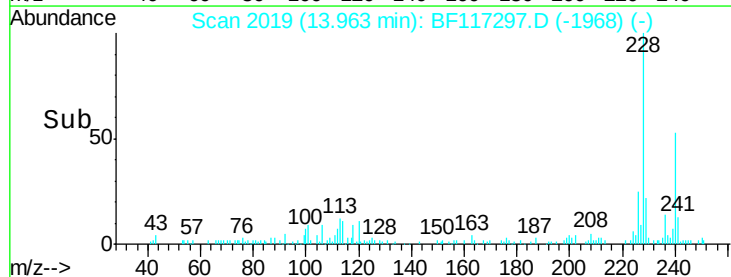
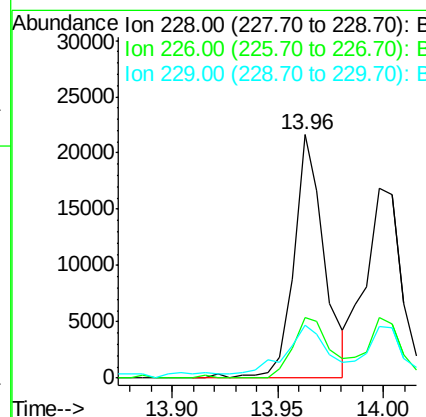
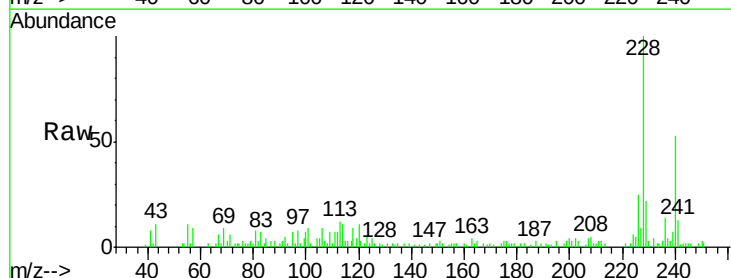
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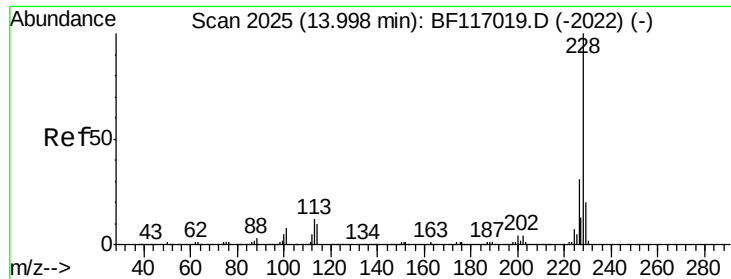
mohammad
 10/4/2019 8:17:22 AM



#81
 Benzo(a)anthracene
 Concen: 3.548 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF117297.D
 Acq: 2 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	24.8	22.3	33.5
229	21.7	15.9	23.9





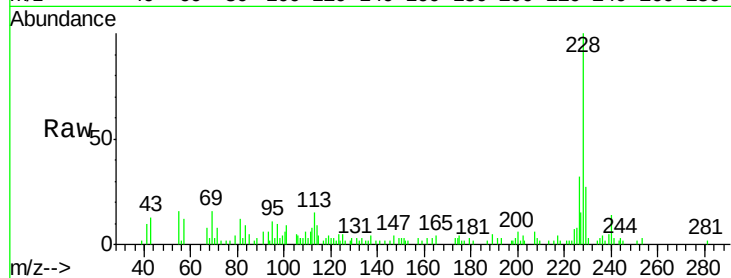
#83
Chrysene
Concen: 3.557 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF117297.D
Acq: 2 Oct 2019 14:11

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.8	37.2
229	27.0	15.8	23.8

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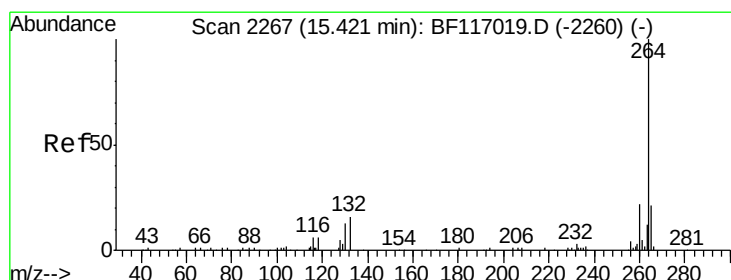
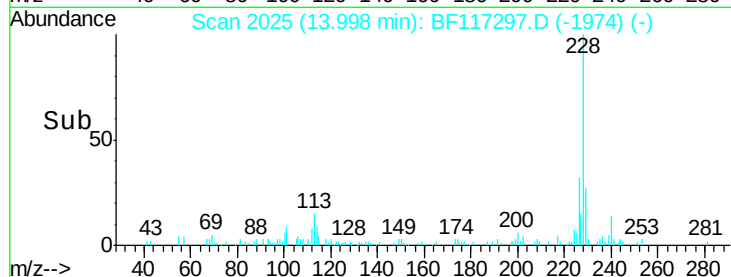
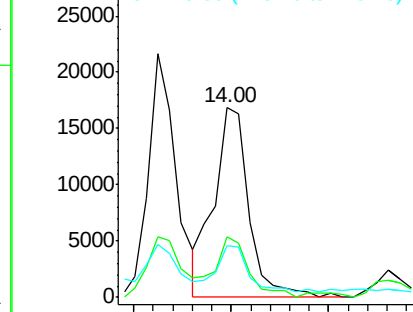


Abundance

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



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117297.D
Acq: 2 Oct 2019 14:11

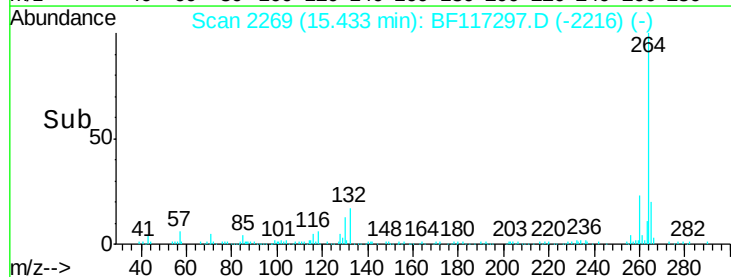
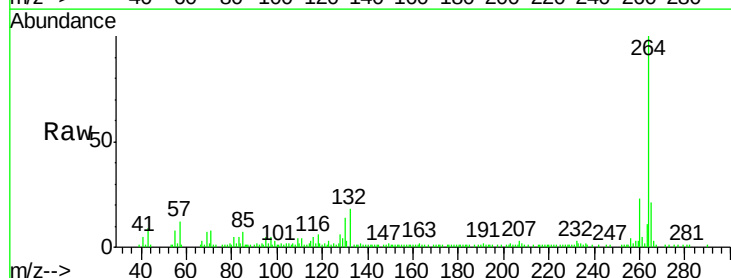
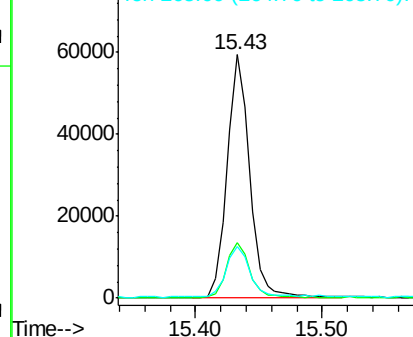
Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.6	26.4
265	21.0	16.6	24.8

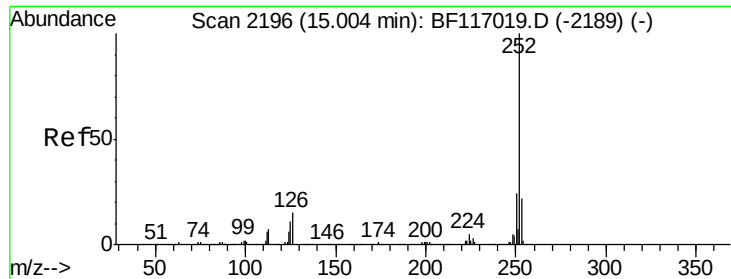
Abundance

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





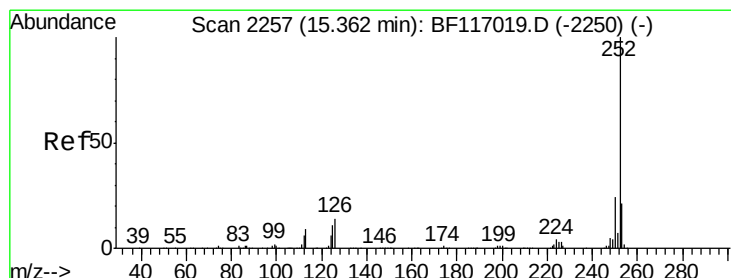
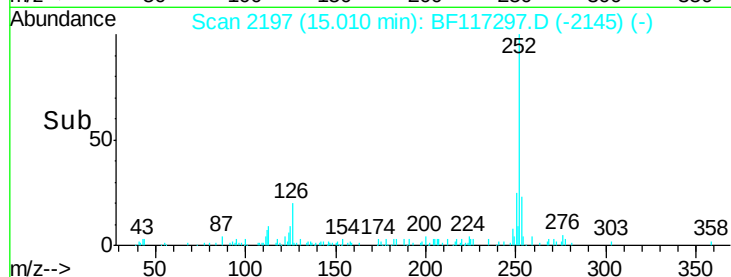
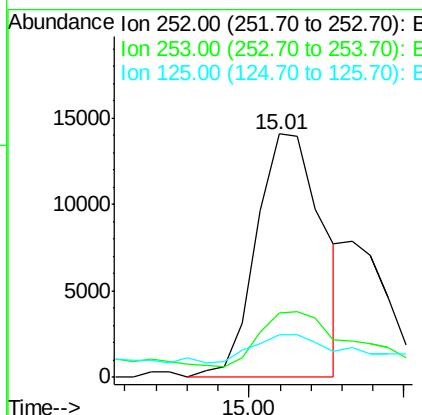
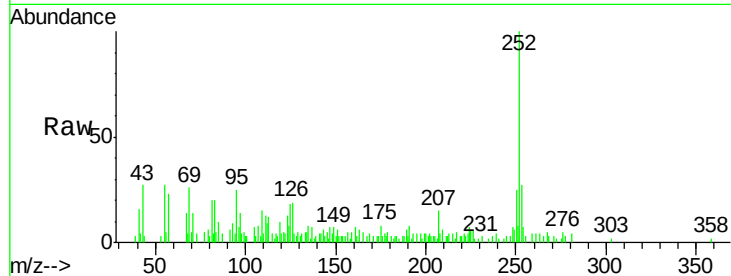
#88
Benzo(b)fluoranthene
Concen: 4.675 ng m
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF117297.D
Acq: 2 Oct 2019 14:11

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.6	26.4#
125	17.6	8.6	12.8#

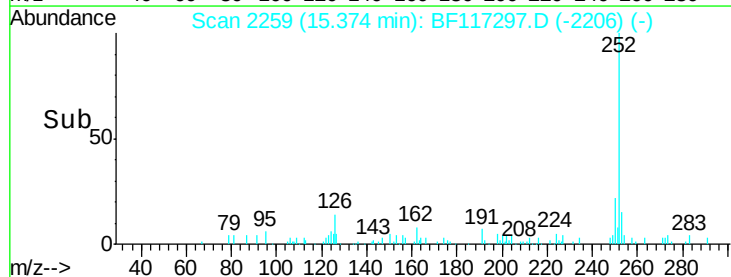
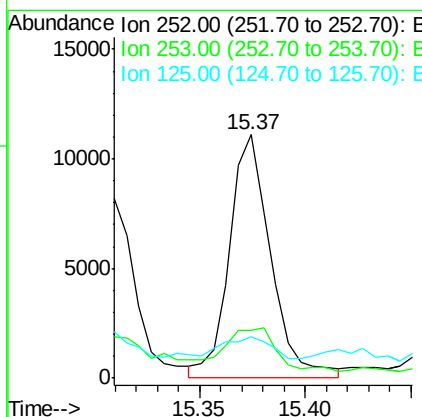
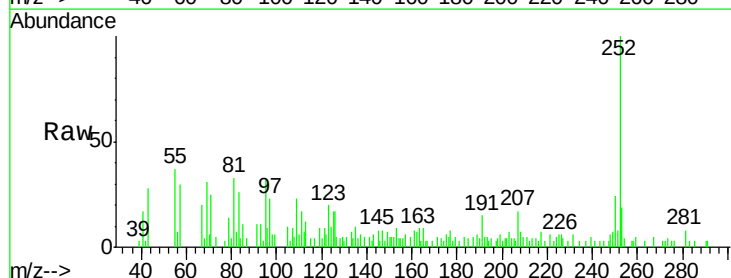
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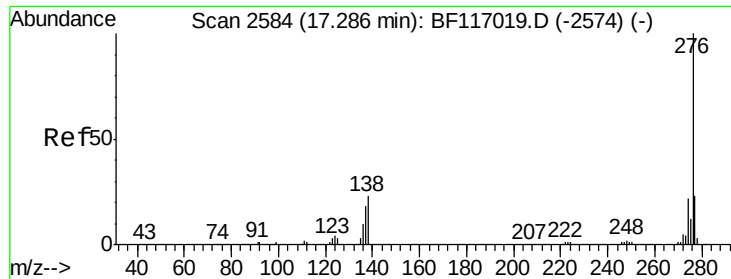
mohammad
10/4/2019 8:17:22 AM



#90
Benzo(a)pyrene
Concen: 3.826 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF117297.D
Acq: 2 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.5	16.6	25.0
125	17.2	8.9	13.3#





#92
 Benzo(a,h,i)perylene
 Concen: 2.136 ng
 RT: 17.33 min Scan# 2592
 Delta R.T. 0.05 min
 Lab File: BF117297.D
 Acq: 2 Oct 2019 14:11

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.3	18.6	27.8
138	29.0	18.0	27.0

Manual Integrations
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