

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041118\
 Data File : BF104436.D
 Acq On : 11 Apr 2018 14:22
 Operator : JU/SJ
 Sample : J2325-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-015-B

Manual Integrations
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Sohil
 4/12/2018 2:30:35 PM

Quant Time: Apr 11 16:45:37 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 11 13:19:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	116426	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	460608	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	193068	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	312150	20.00	ng	0.00
75) Chrysene-d12	13.98	240	252363	20.00	ng	0.00
86) Perylene-d12	15.44	264	229942	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	574645	75.47	ng	0.01
7) Phenol-d6	6.44	99	697592	74.57	ng	0.00
23) Nitrobenzene-d5	7.37	82	412790	58.52	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	150996	75.39	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	718901	58.82	ng	0.00
78) Terphenyl-d14	12.93	244	560561	50.64	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	51375	3.374	ng	100
70) Phenanthrene	11.36	178	61613	3.544	ng	99
74) Fluoranthene	12.55	202	96219	5.298	ng	95
77) Pyrene	12.78	202	85609	4.577	ng	99
80) Benzo(a)anthracene	13.97	228	40584	2.692	ng	97
82) Chrysene	14.00	228	34855	2.251	ng	96
87) Benzo(b)fluoranthene	15.02	252	38117m	2.625	ng	

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

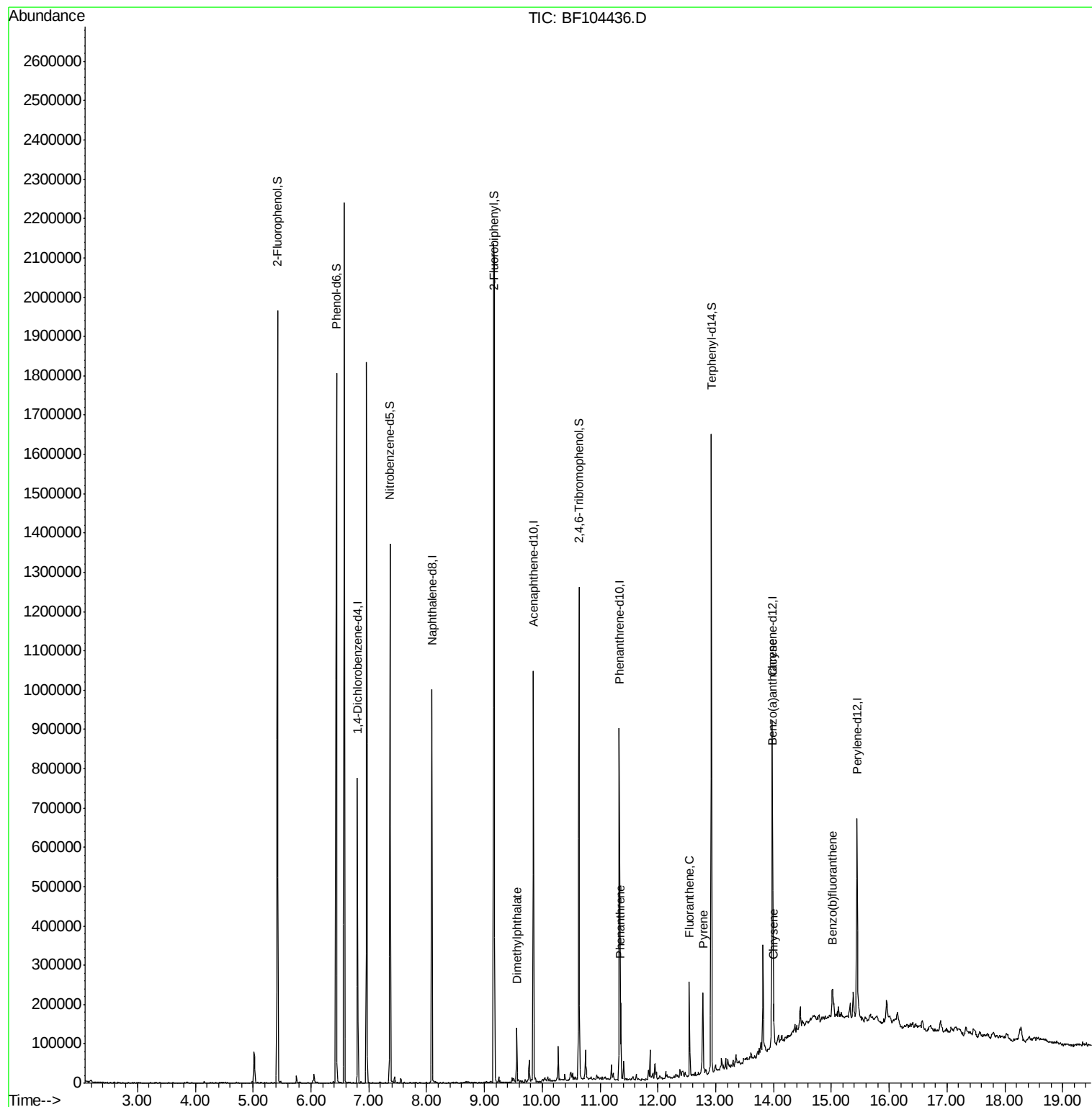
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041118\
Data File : BF104436.D
Acq On : 11 Apr 2018 14:22
Operator : JU/SJ
Sample : J2325-03
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#1

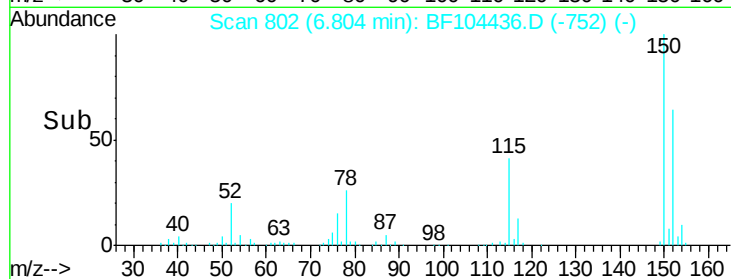
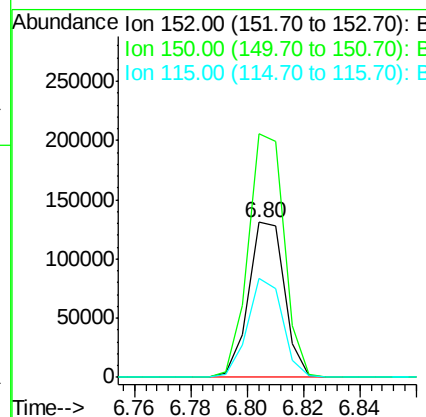
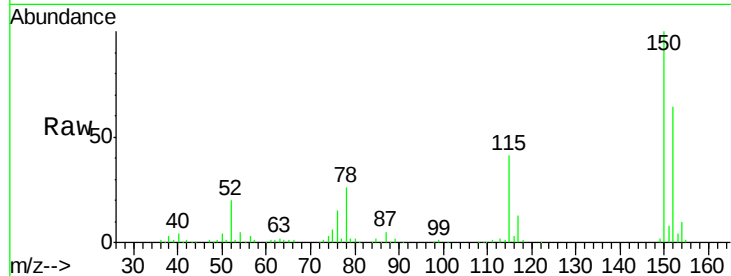
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF104436.D
Acq: 11 Apr 2018 14:22

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-015-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	64.1	50.1	75.1

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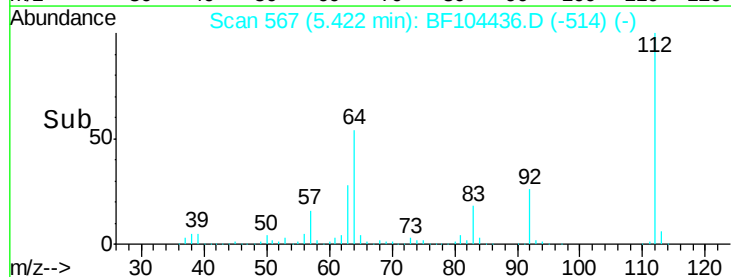
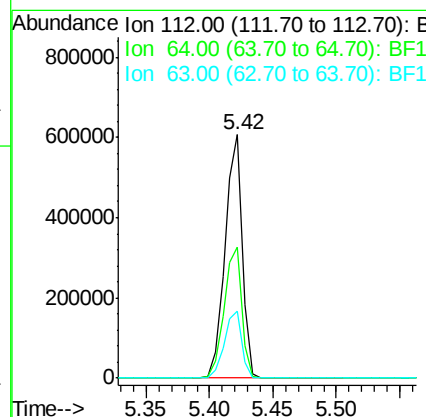
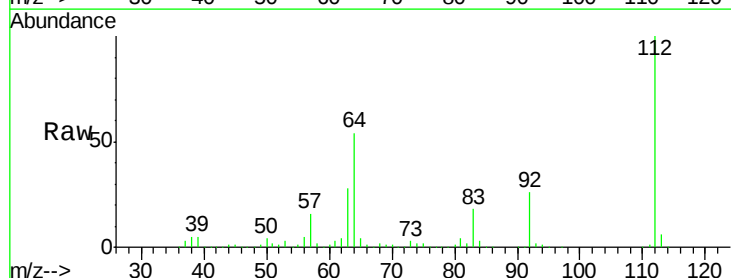
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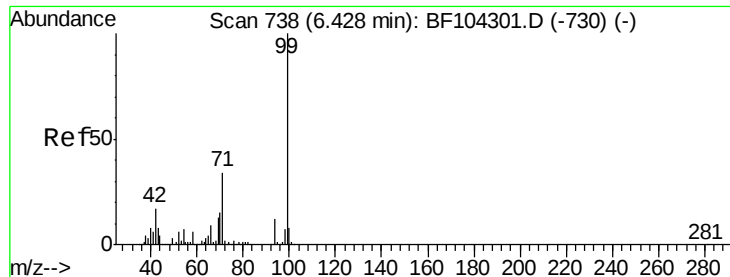


#5

2-Fluorophenol
Concen: 75.470 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104436.D
Acq: 11 Apr 2018 14:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	47.9	71.9
63	27.5	23.7	35.5





#7

Phenol-d6

Concen: 74.565 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF104436.D

Acq: 11 Apr 2018 14:22

Instrument :

BNA_F

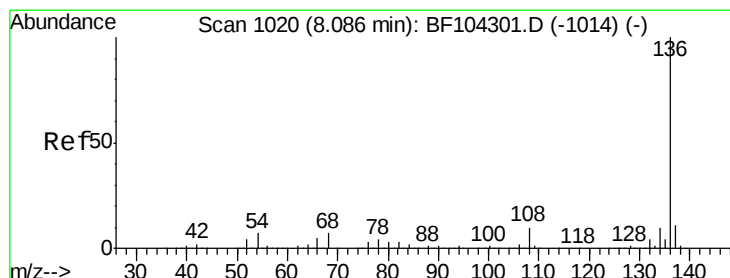
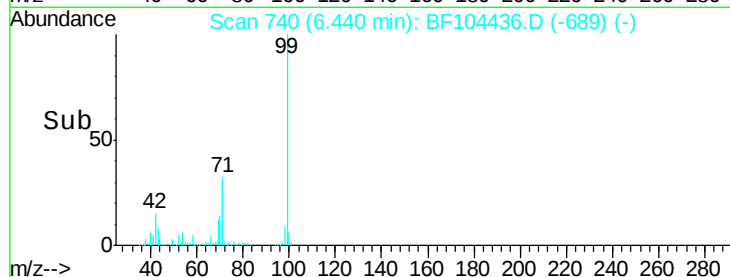
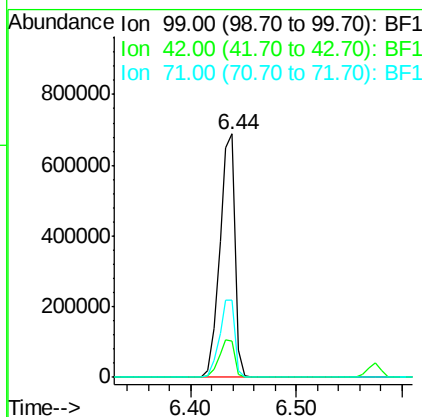
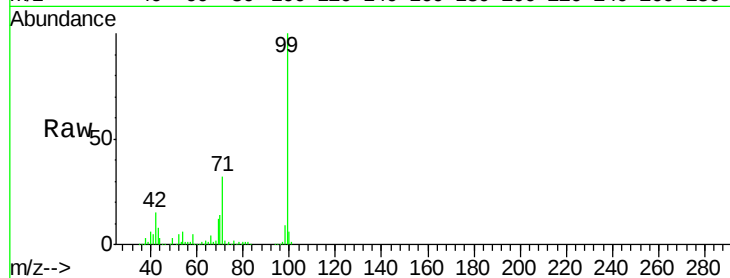
ClientSampled :

FK-GF-02-015-B

Tot Ion:	99	Resp:	697592
Ion Ratio	Lower	Upper	
99	100		
42	15.1	14.5	21.7
71	31.6	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

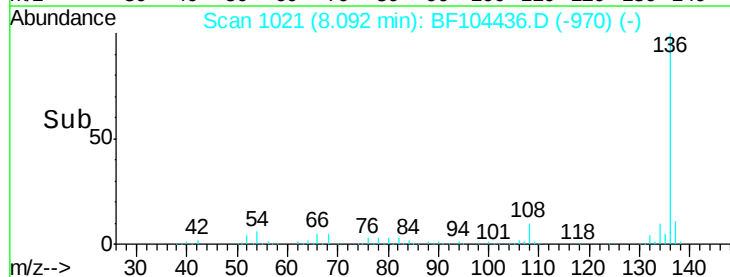
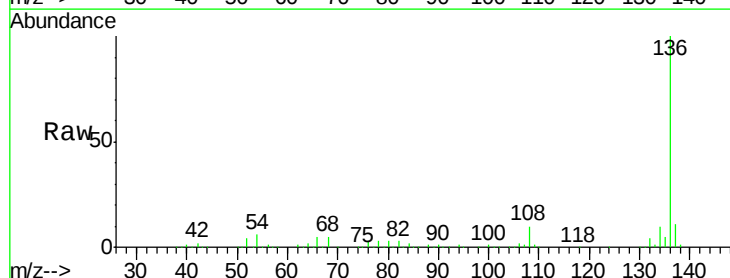
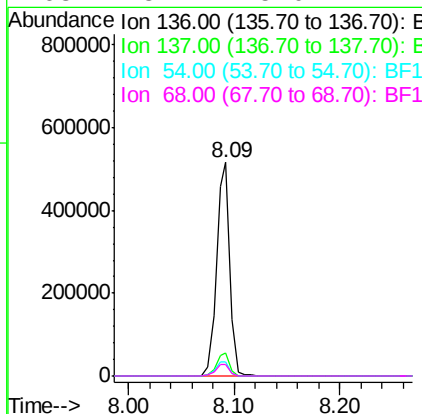
RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF104436.D

Acq: 11 Apr 2018 14:22

Tgt Ion:	136	Resp:	460608
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	6.5	6.6	9.8#
68	5.4	5.0	7.4





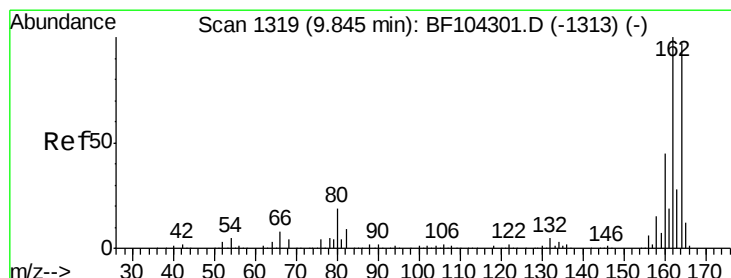
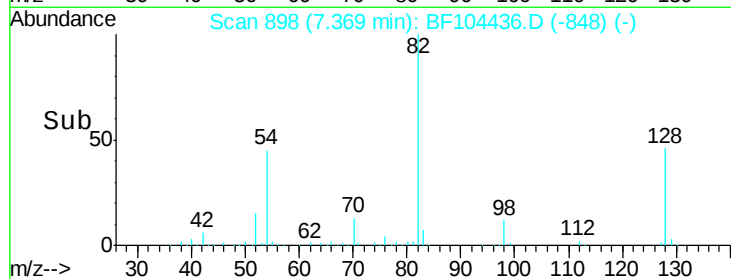
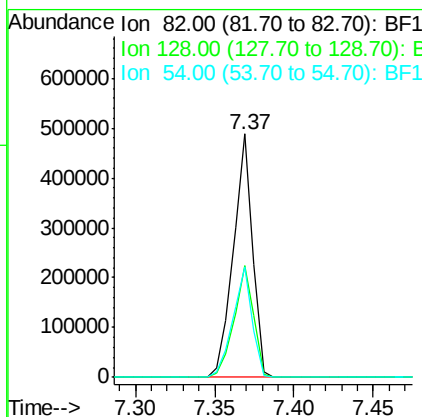
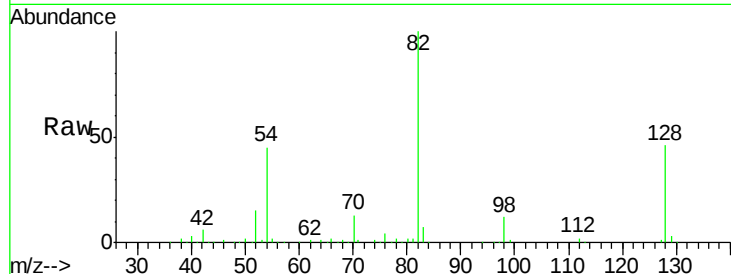
#23
 Nitrobenzene-d5
 Concen: 58.519 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104436.D
 Acq: 11 Apr 2018 14:22

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-015-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	45.5	41.4	62.2

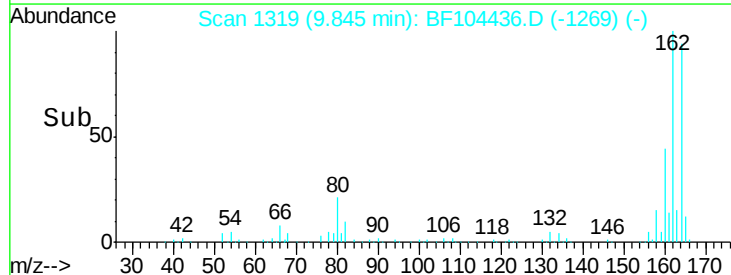
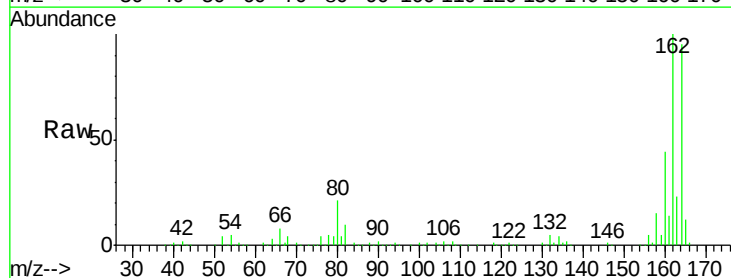
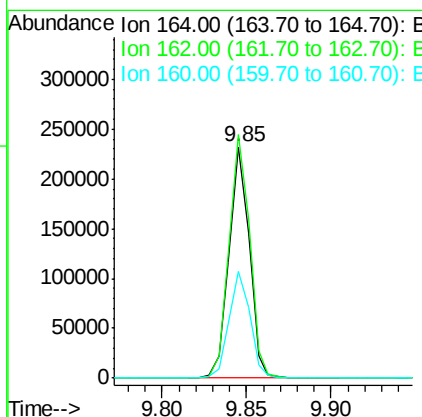
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF104436.D
 Acq: 11 Apr 2018 14:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	46.1	38.3	57.5





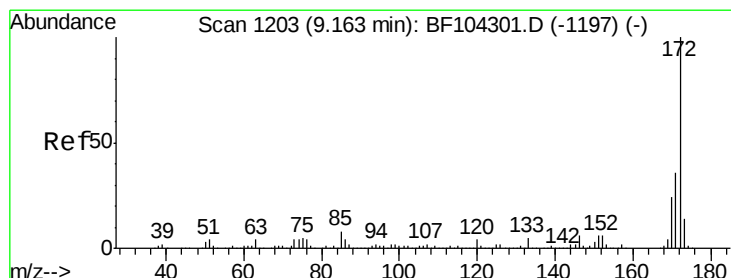
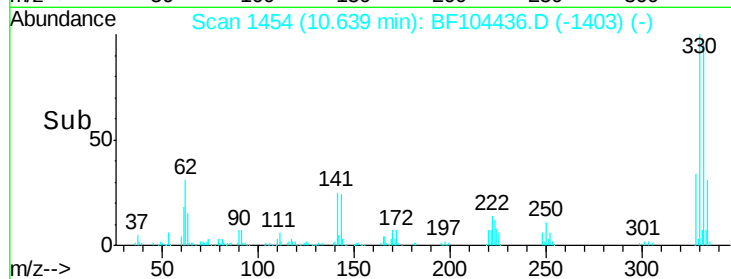
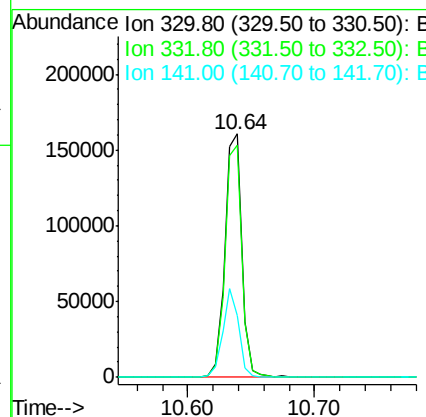
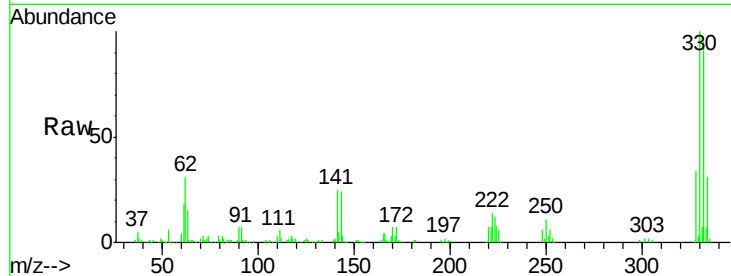
#41
 2,4,6-Tribromophenol
 Concen: 75.394 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF104436.D
 Acq: 11 Apr 2018 14:22

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-015-B

Tot Ion	Ratio	Resp	Lower	Upper
330	100	150996		
332	95.5	77.0	115.6	
141	34.4	29.9	44.9	

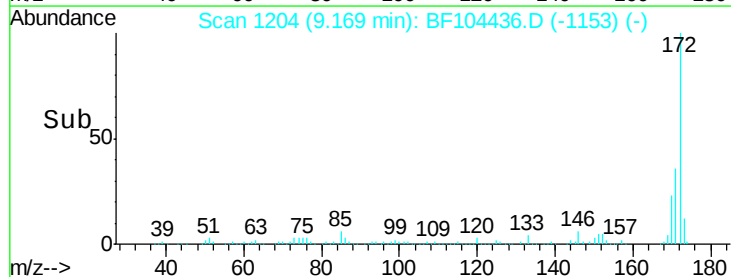
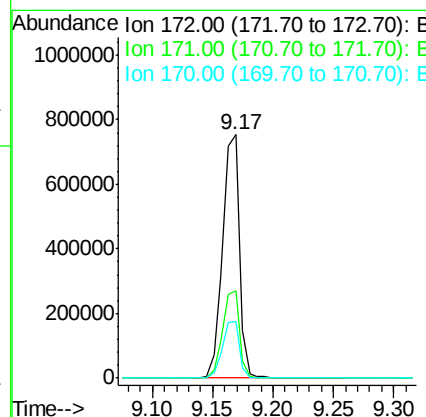
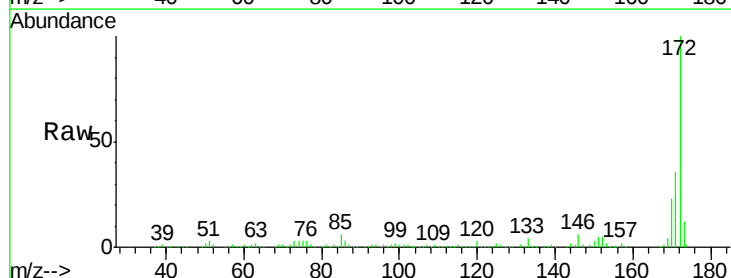
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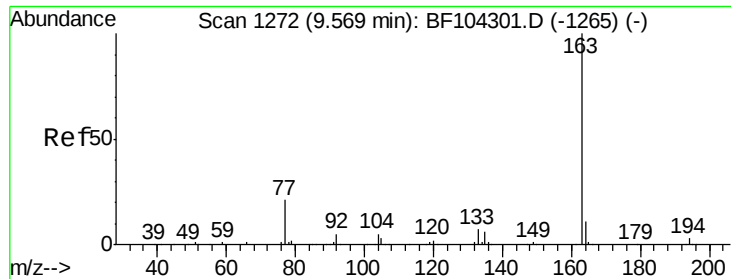
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#44
 2-Fluorobiphenyl
 Concen: 58.823 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF104436.D
 Acq: 11 Apr 2018 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	718901		
171	35.8	29.7	44.5	
170	23.4	19.6	29.4	





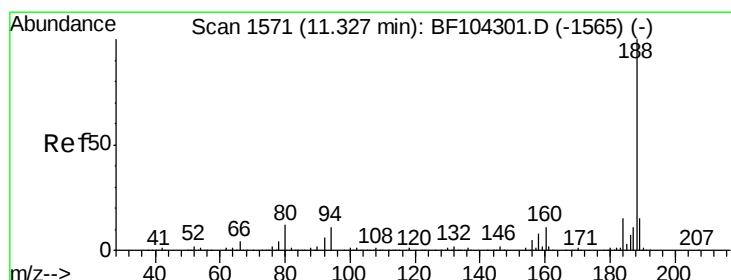
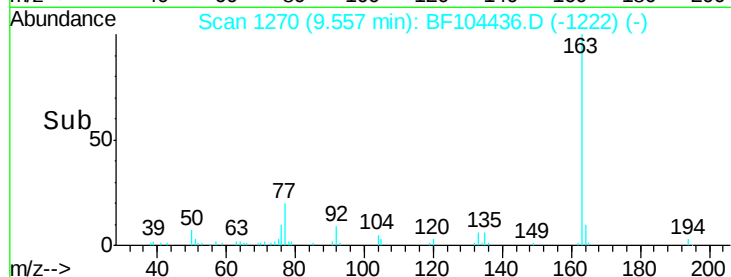
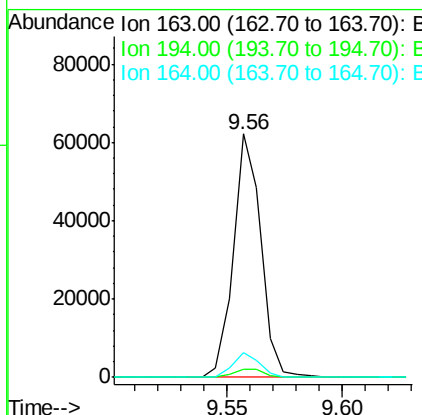
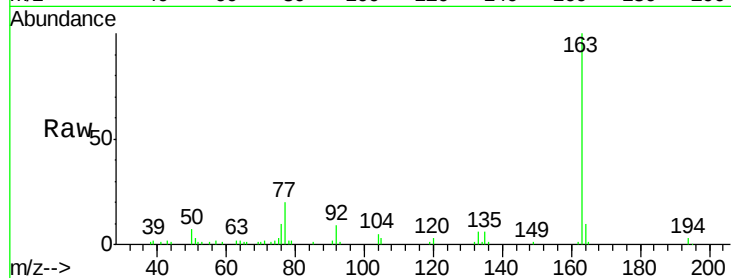
#49
Dimethylphthalate
Concen: 3.374 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF104436.D
Acq: 11 Apr 2018 14:22

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-015-B

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.0	8.2	12.2

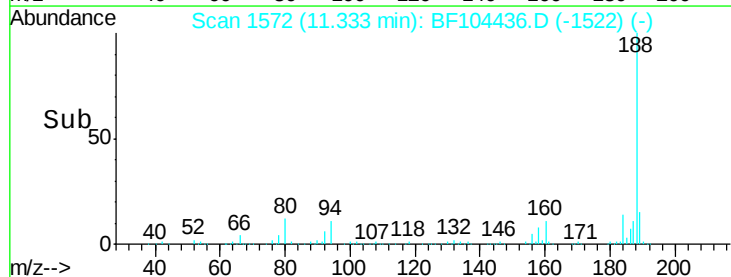
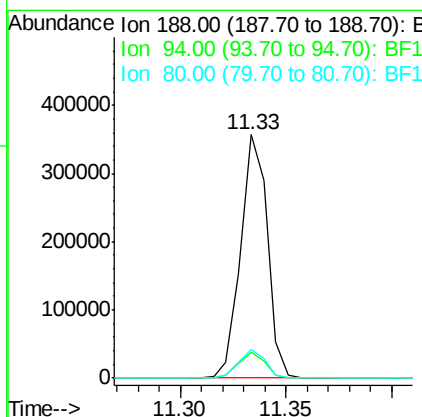
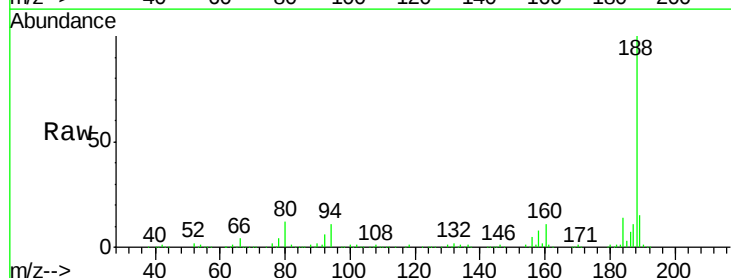
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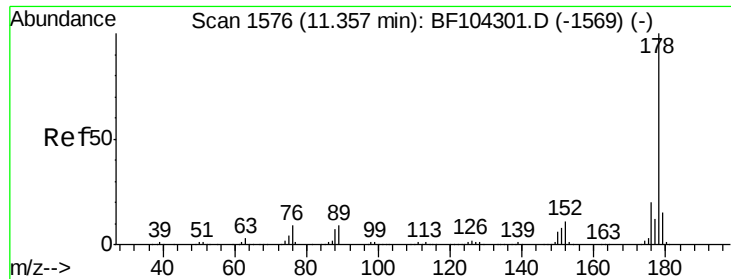
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF104436.D
Acq: 11 Apr 2018 14:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.7	9.2	13.8





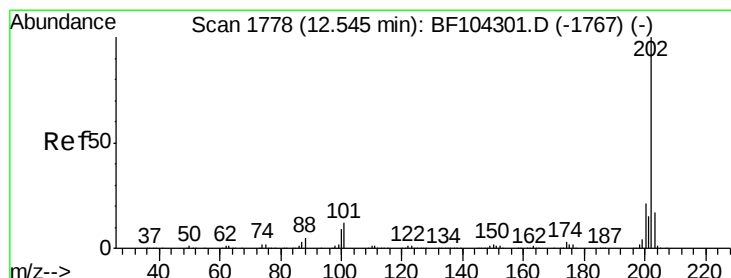
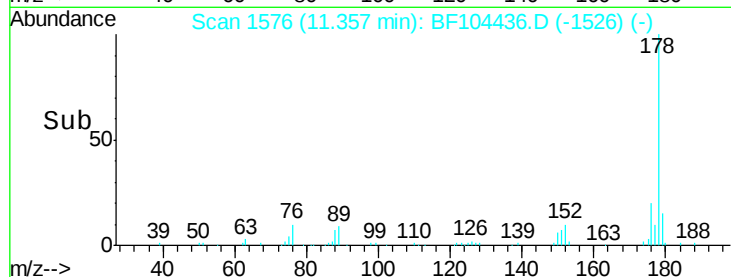
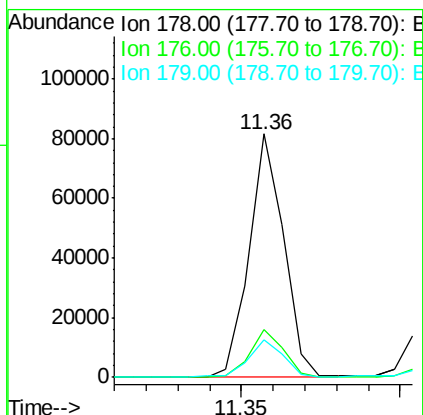
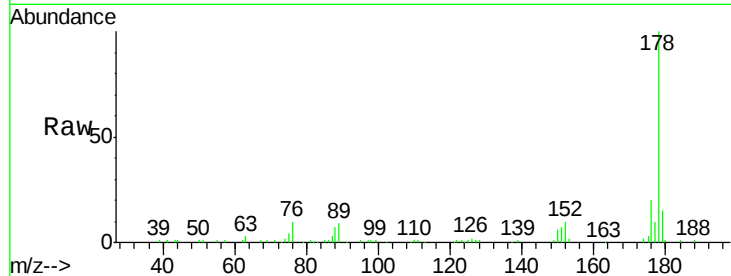
#70
Phenanthrene
Concen: 3.544 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF104436.D
Acq: 11 Apr 2018 14:22

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-015-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.4	13.0	19.6

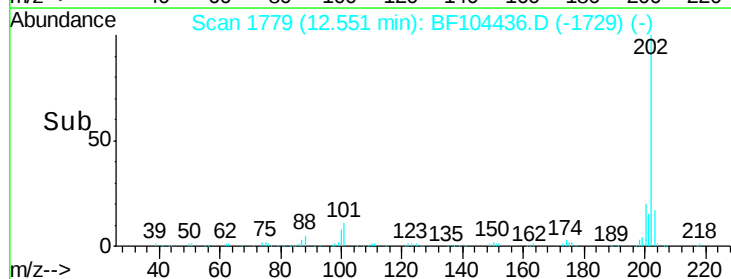
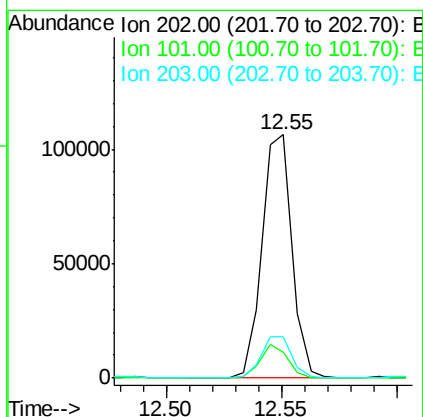
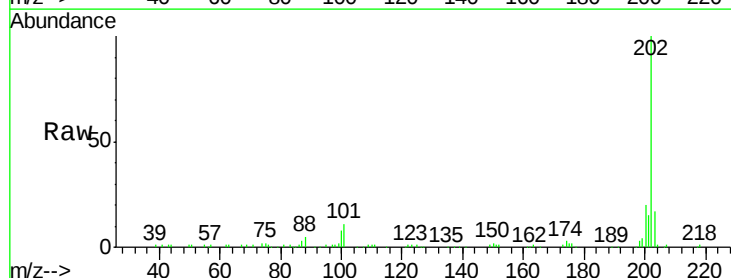
Manual Integrations
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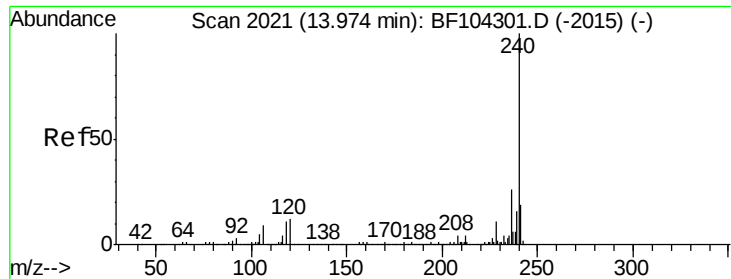
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#74
Fluoranthene
Concen: 5.298 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BF104436.D
Acq: 11 Apr 2018 14:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	34.1
203	17.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104436.D

Acq: 11 Apr 2018 14:22

Instrument :

BNA_F

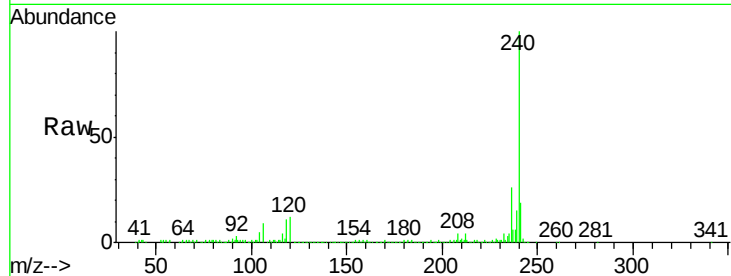
ClientSampleId :

FK-GF-02-015-B

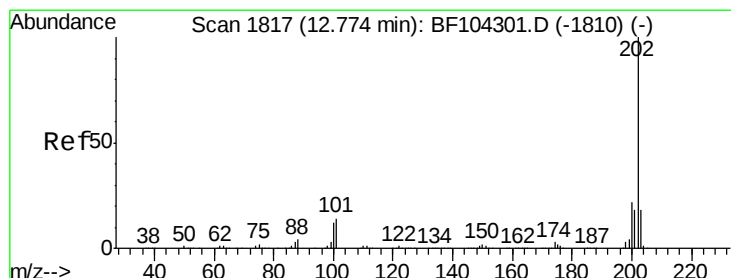
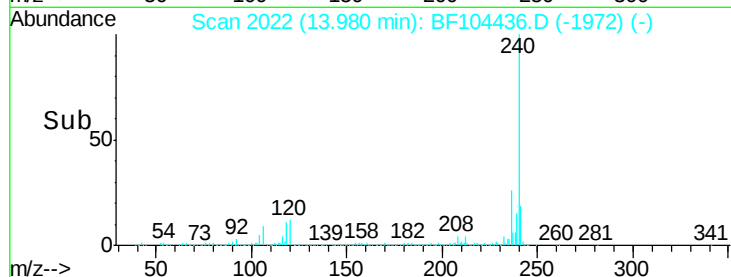
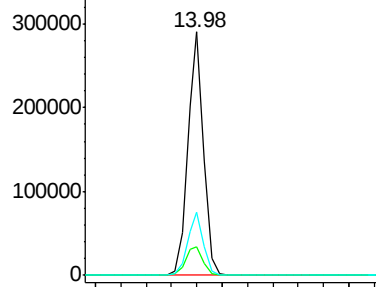
Tot Ion:	240	Resp:	252363
Ion Ratio	Lower	Upper	
240	100		
120	11.7	9.5	14.3
236	26.1	20.7	31.1

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



#77

Pyrene

Concen: 4.577 ng

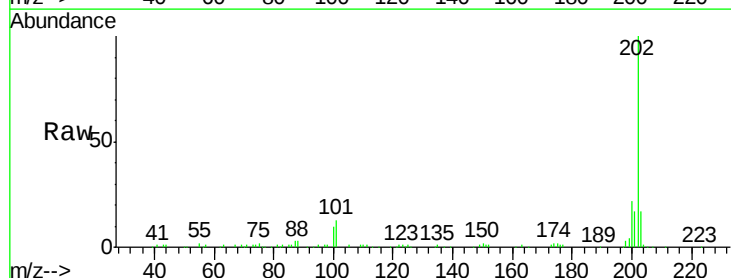
RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

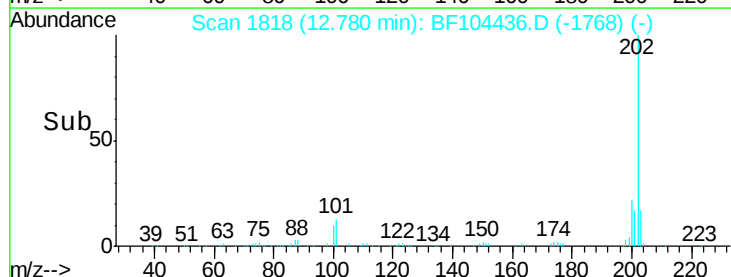
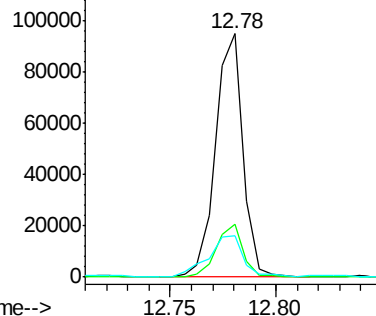
Lab File: BF104436.D

Acq: 11 Apr 2018 14:22

Tgt Ion:	202	Resp:	85609
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.4	26.2
203	17.1	14.3	21.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 50.641 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BF104436.D

Acq: 11 Apr 2018 14:22

Instrument :

BNA_F

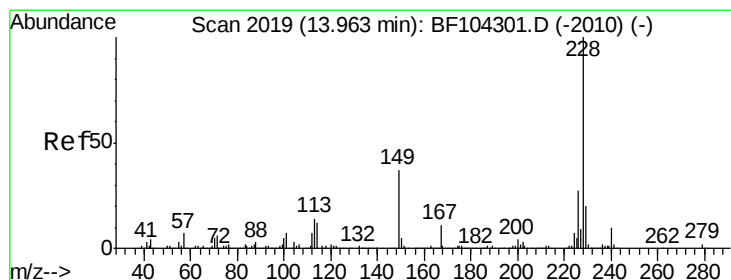
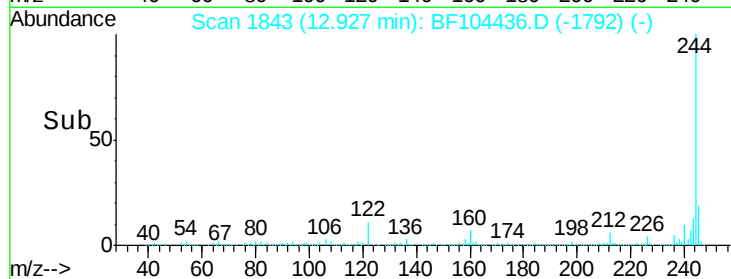
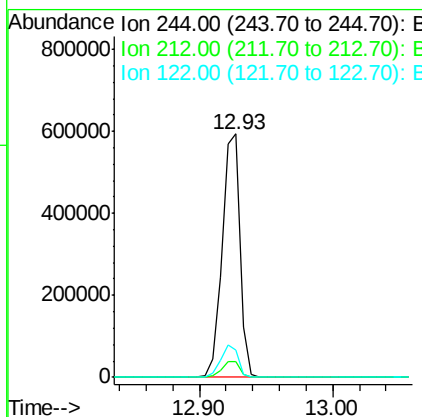
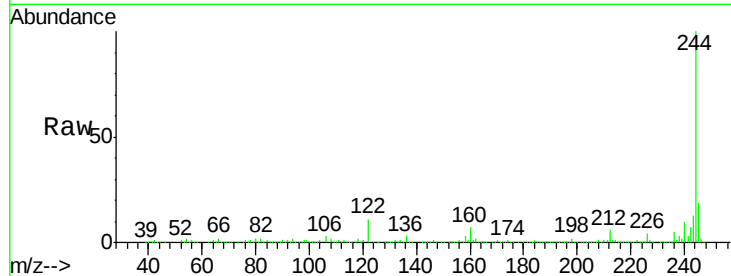
ClientSampleId :

FK-GF-02-015-B

Tot Ion:	244	Resp:	560561
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.4	8.0
122	11.0	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 2.692 ng

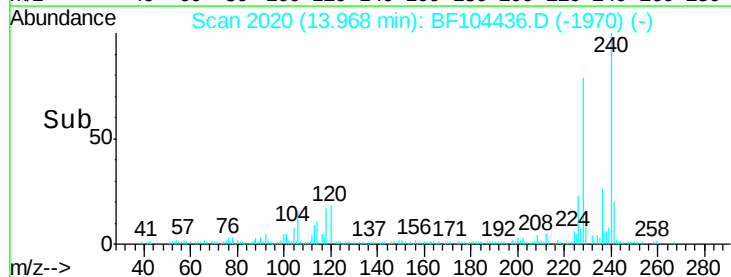
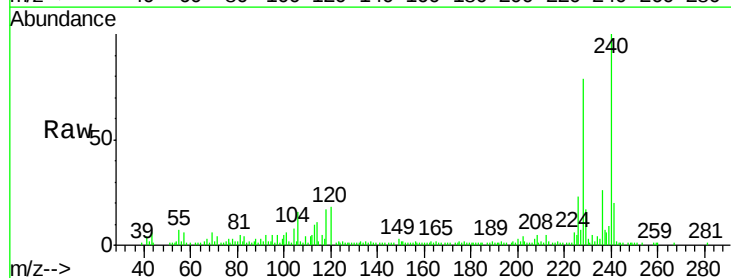
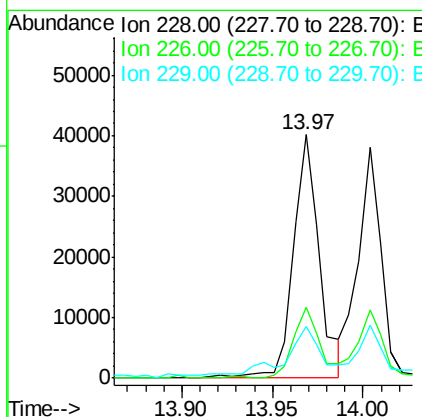
RT: 13.97 min Scan# 2020

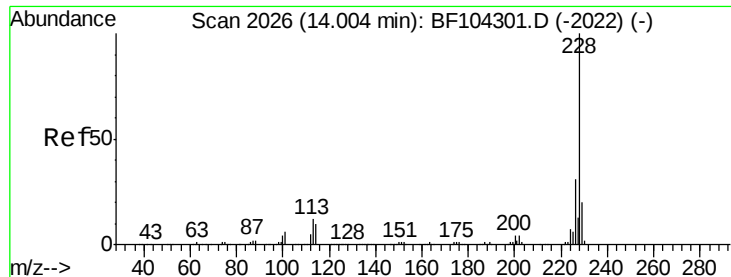
Delta R.T. -0.01 min

Lab File: BF104436.D

Acq: 11 Apr 2018 14:22

Tgt Ion:	228	Resp:	40584
Ion Ratio	Lower	Upper	
228	100		
226	29.3	22.6	33.8
229	21.4	15.8	23.6





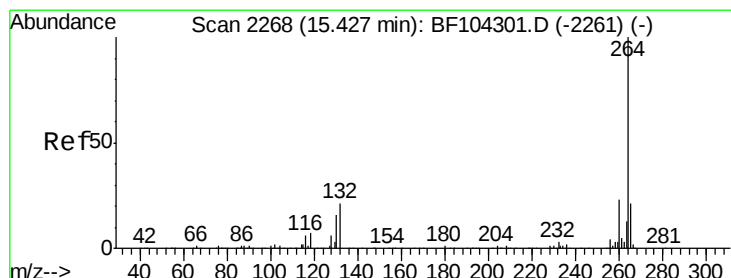
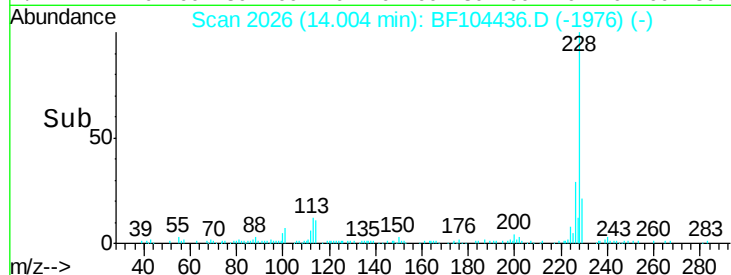
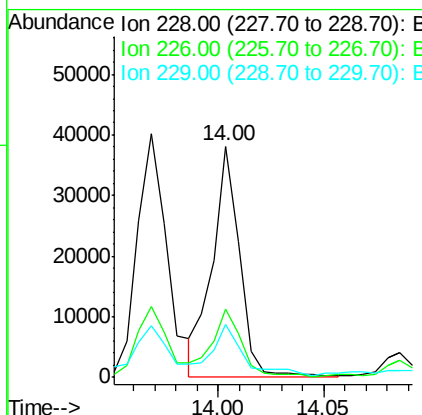
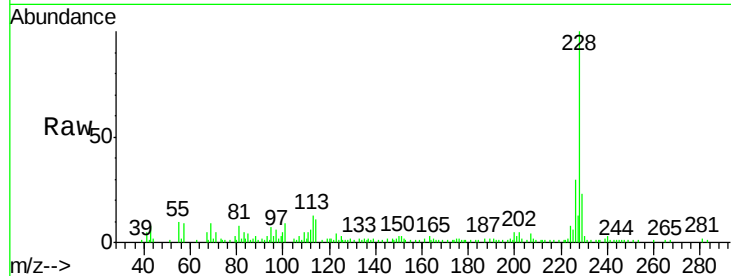
#82
Chrysene
Concen: 2.251 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF104436.D
Acq: 11 Apr 2018 14:22

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-015-B

Tot Ion:228	Resp:	34855
Ion Ratio	Lower	Upper
228 100		
226 29.8	25.0	37.6
229 22.8	16.2	24.4

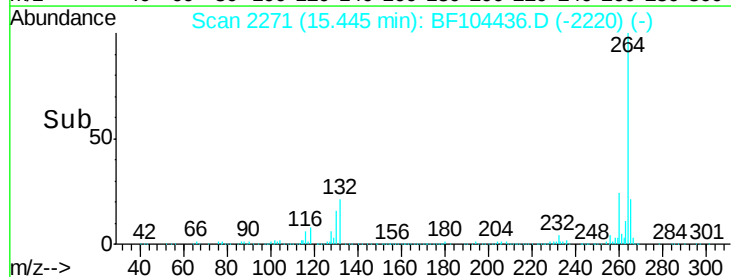
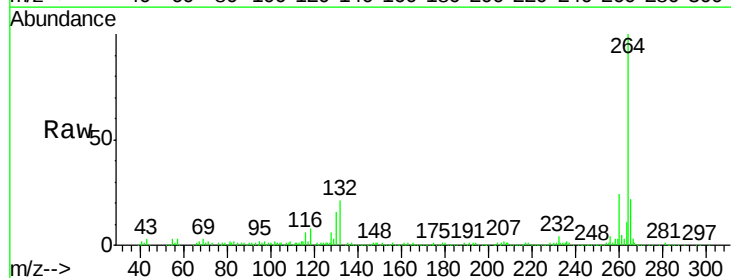
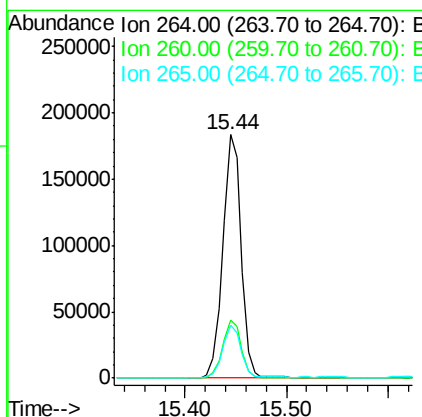
Manual Integrations
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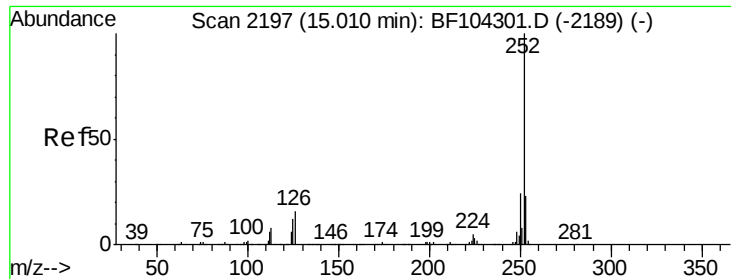
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF104436.D
Acq: 11 Apr 2018 14:22

Tgt Ion:264	Resp:	229942
Ion Ratio	Lower	Upper
264 100		
260 23.7	19.2	28.8
265 21.5	17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 2.625 ng/ml
 RT: 15.02 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: BF104436.D
 Acq: 11 Apr 2018 14:22

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-015-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.0	25.6
125	17.6	9.0	13.6

Manual Integrations
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