

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104549.D
 Acq On : 16 Apr 2018 22:40
 Operator : JU/SJ
 Sample : J2370-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CG-RO-721194

Manual Integrations
 APPROVED

Sohil
 4/17/2018 10:09:19 AM

Quant Time: Apr 17 02:01:10 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	153586	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	605067	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	244995	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	363169	20.00	ng	0.00
75) Chrysene-d12	13.99	240	288563	20.00	ng	0.00
86) Perylene-d12	15.46	264	226970	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	710075	70.69	ng	0.01
7) Phenol-d6	6.45	99	903340	73.20	ng	0.00
23) Nitrobenzene-d5	7.37	82	564140	60.88	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	157984	62.16	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1004126	64.75	ng	0.00
78) Terphenyl-d14	12.93	244	705220	55.72	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	105879	5.480	ng	100
70) Phenanthrene	11.36	178	204871	10.130	ng	99
74) Fluoranthene	12.56	202	142616	6.749	ng	99
77) Pyrene	12.79	202	239514	11.198	ng	99
80) Benzo(a)anthracene	13.98	228	81515m	4.729	ng	
82) Chrysene	14.02	228	79253	4.476	ng	97
87) Benzo(b)fluoranthene	15.03	252	52930m	3.692	ng	
89) Benzo(a)pyrene	15.39	252	46120	3.596	ng	# 93
91) Benzo(g,h,i)perylene	17.35	276	20792	2.037	ng	95

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

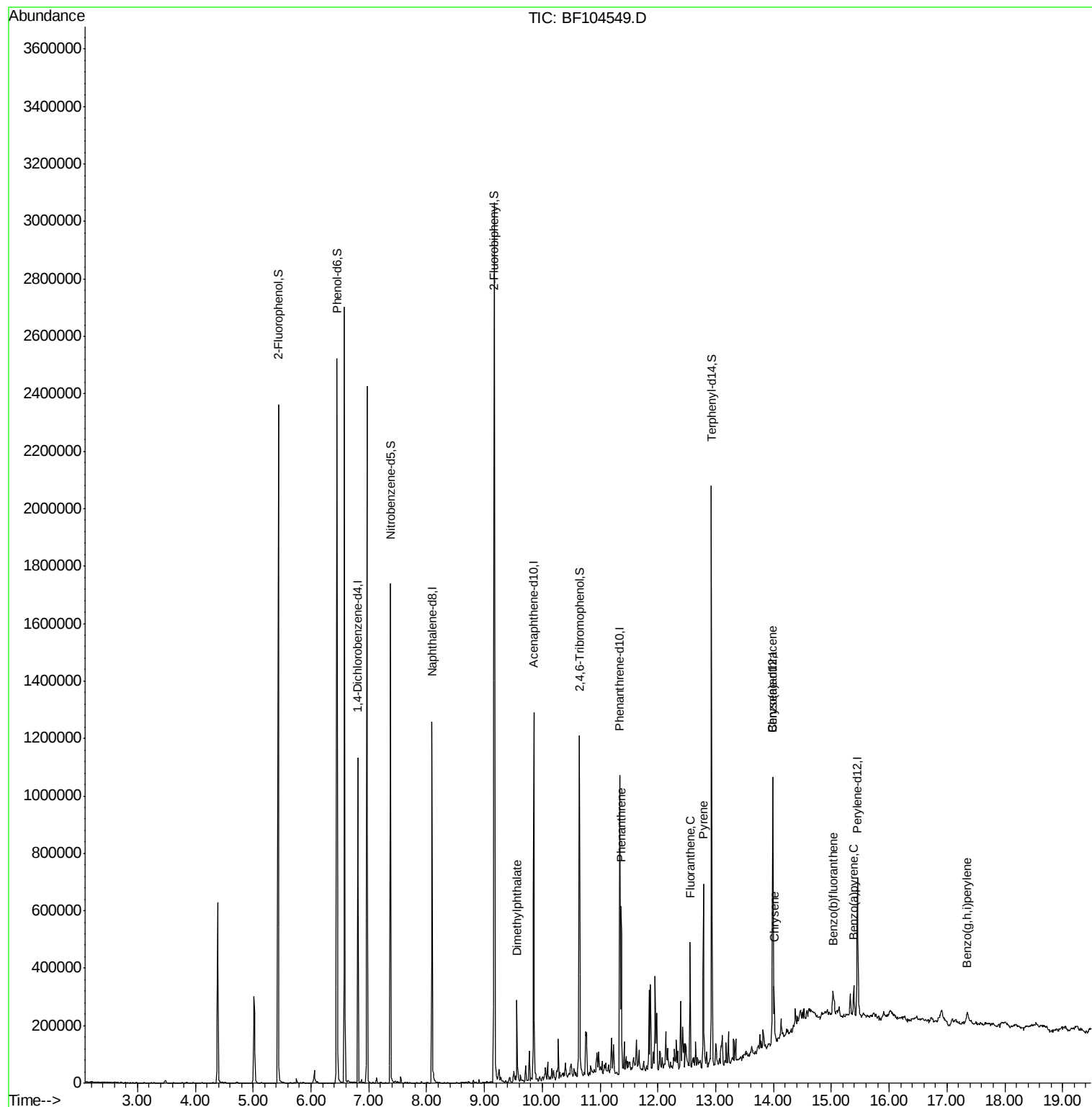
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104549.D
Acq On : 16 Apr 2018 22:40
Operator : JU/SJ
Sample : J2370-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

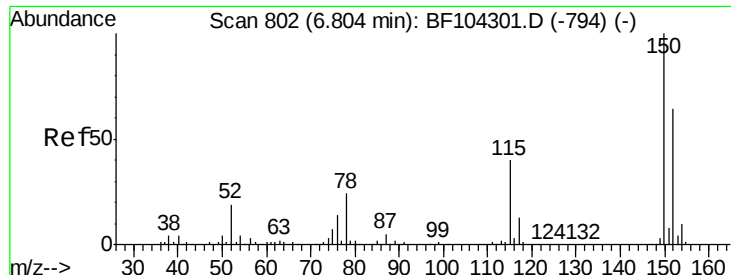
Instrument :
BNA_F
ClientSampleId :
CG-RO-721194

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Quant Time: Apr 17 02:01:10 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
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#1

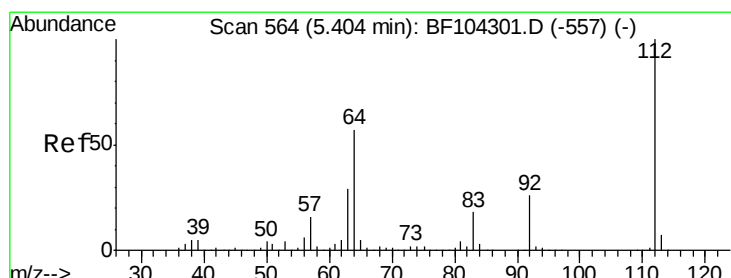
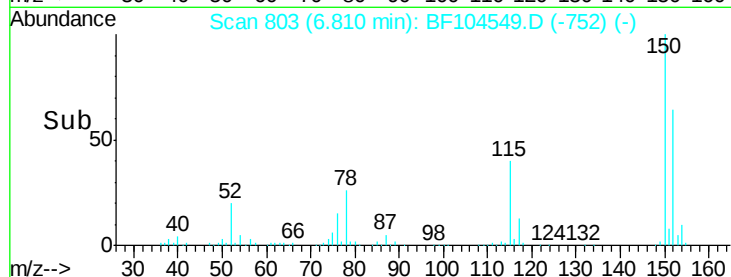
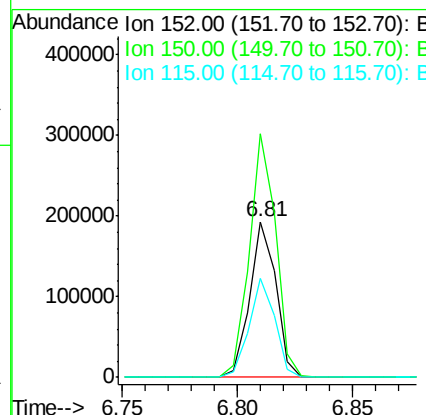
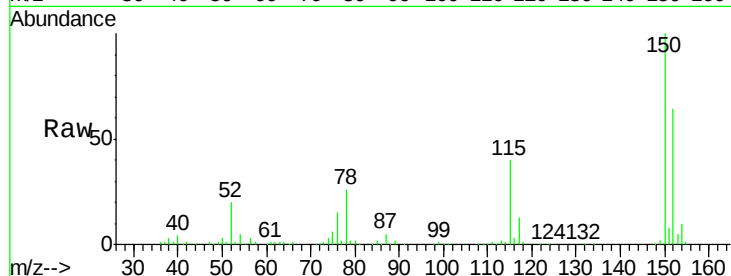
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104549.D
Acq: 16 Apr 2018 22:40

Instrument :
BNA_F
ClientSampleId :
CG-RO-721194

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	63.3	50.1	75.1

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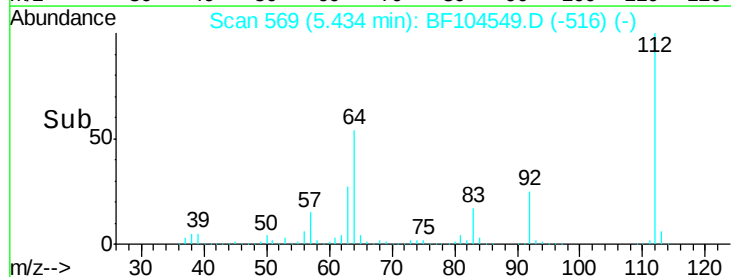
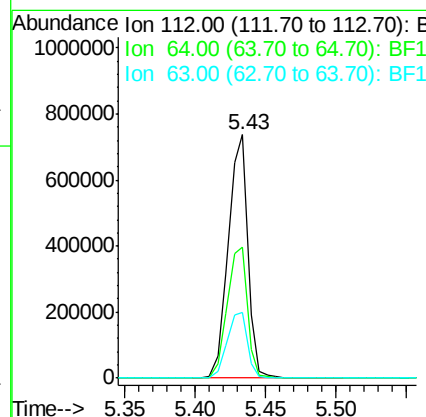
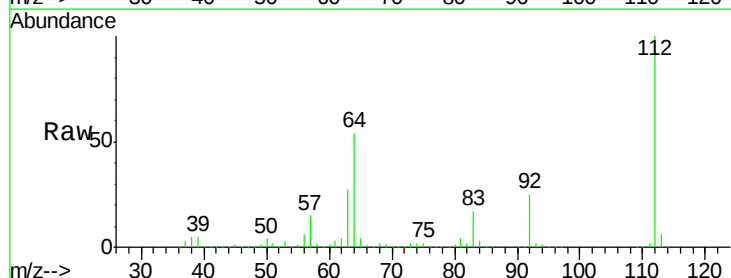
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#5

2-Fluorophenol
Concen: 70.693 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF104549.D
Acq: 16 Apr 2018 22:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	47.9	71.9
63	27.0	23.7	35.5





#7

Phenol-d6

Concen: 73.196 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF104549.D

Acq: 16 Apr 2018 22:40

Instrument :

BNA_F

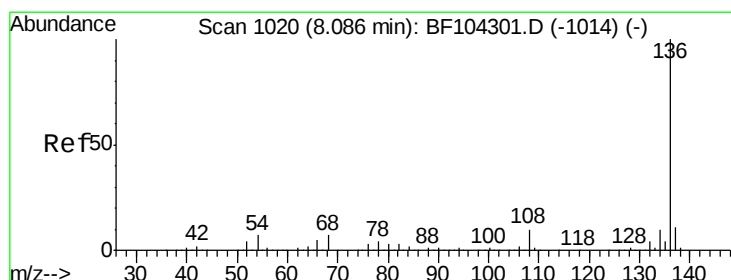
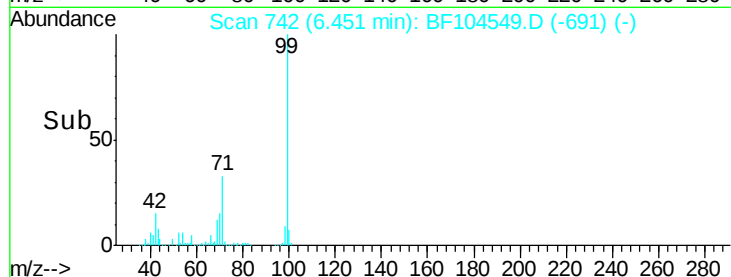
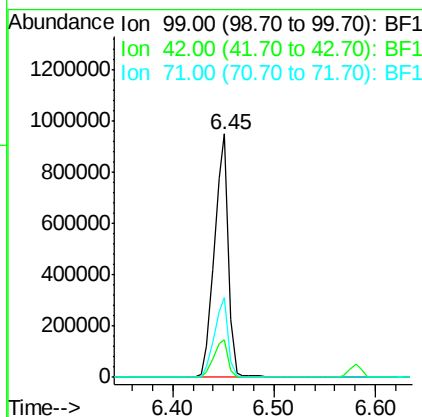
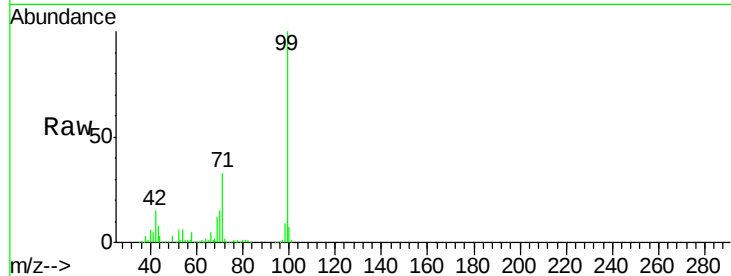
ClientSampleId :

CG-RO-721194

Tot Ion:	99	Resp:	903340
Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.5	21.7
71	32.6	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

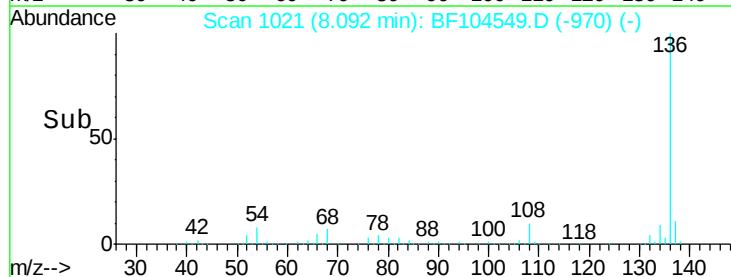
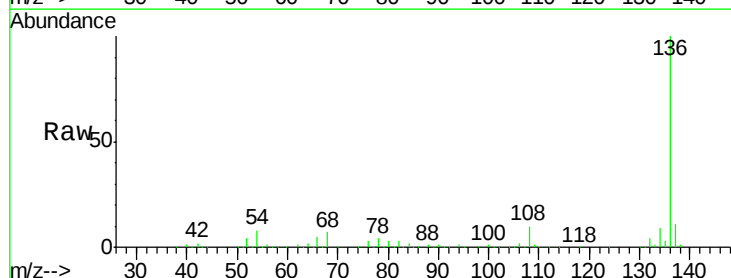
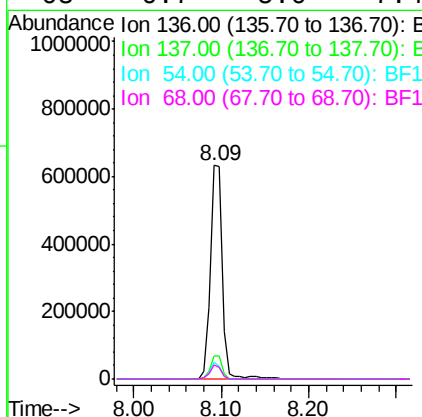
RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF104549.D

Acq: 16 Apr 2018 22:40

Tgt Ion:	136	Resp:	605067
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.8	6.6	9.8
68	6.7	5.0	7.4





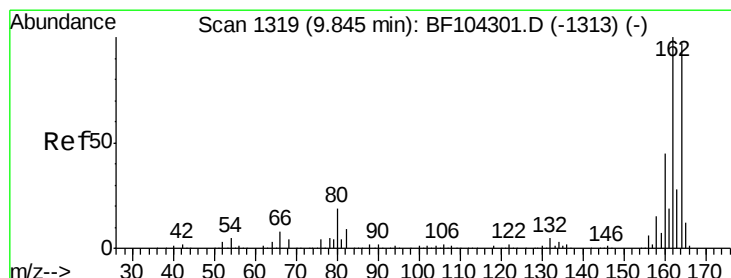
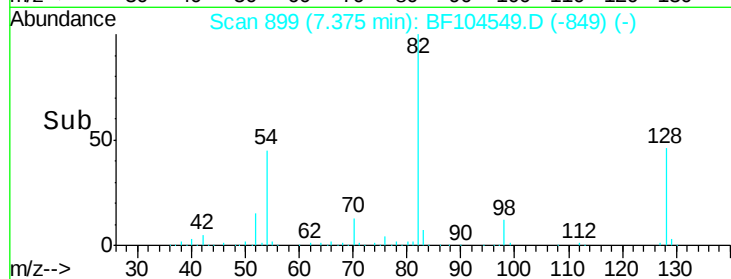
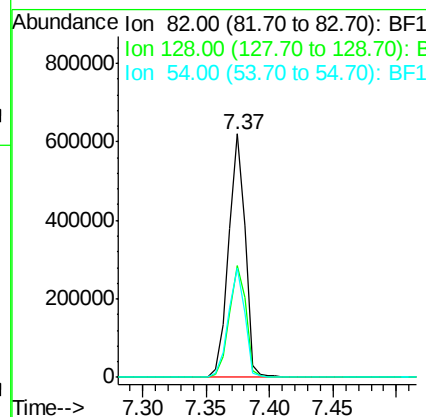
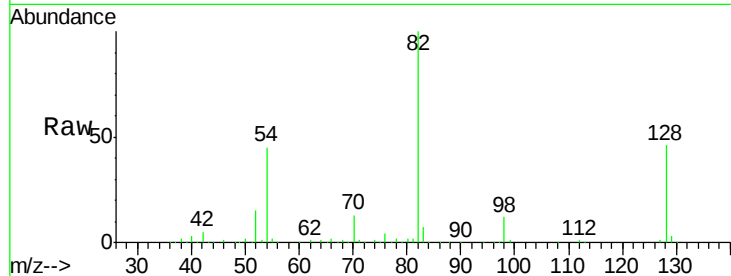
#23
 Nitrobenzene-d5
 Concen: 60.881 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF104549.D
 Acq: 16 Apr 2018 22:40

Instrument :
 BNA_F
 ClientSampleId :
 CG-RO-721194

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	44.7	41.4	62.2

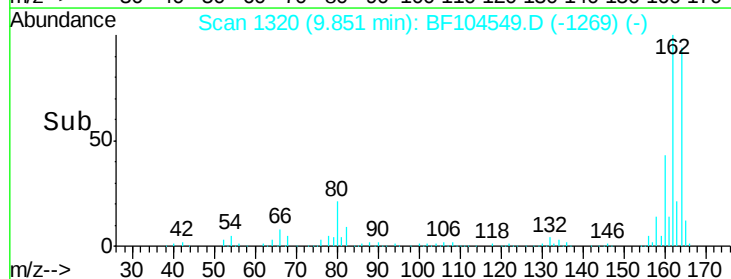
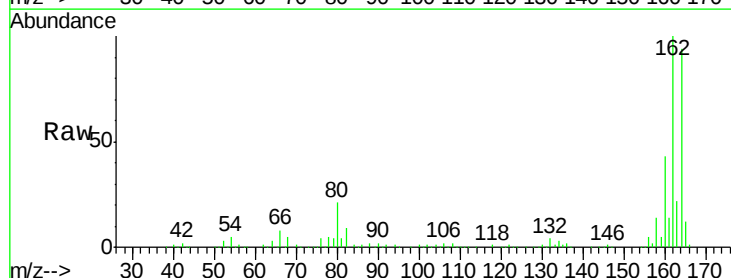
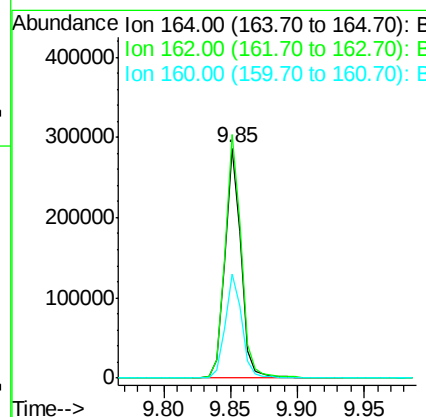
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF104549.D
 Acq: 16 Apr 2018 22:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.1	129.1
160	45.0	38.3	57.5





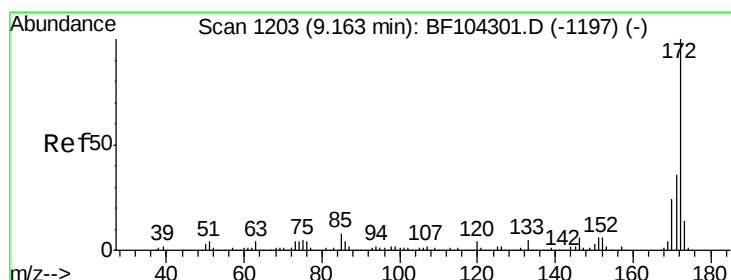
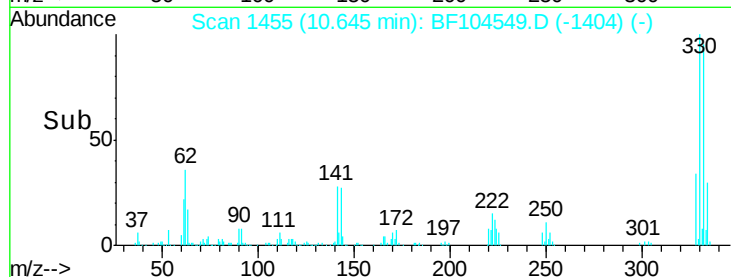
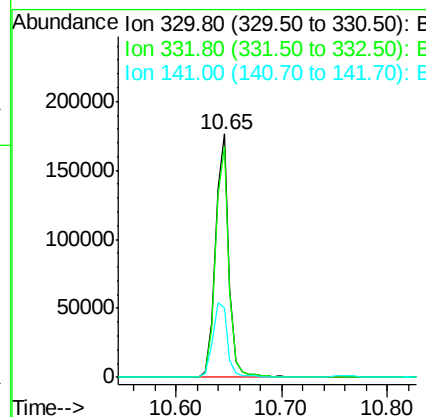
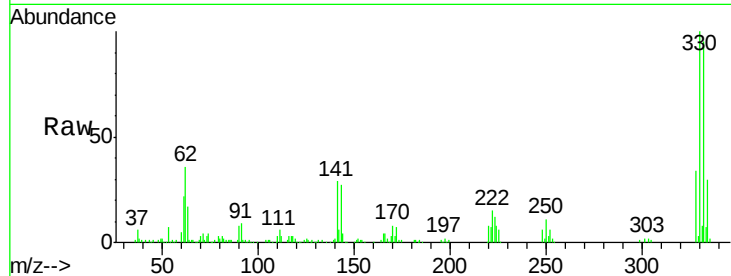
#41
 2,4,6-Tribromophenol
 Concen: 62.164 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF104549.D
 Acq: 16 Apr 2018 22:40

Instrument :
 BNA_F
 ClientSampleId :
 CG-RO-721194

Tot Ion	Ratio	Resp	Lower	Upper
330	100	157984		
332	95.3	77.0	115.6	
141	33.2	29.9	44.9	

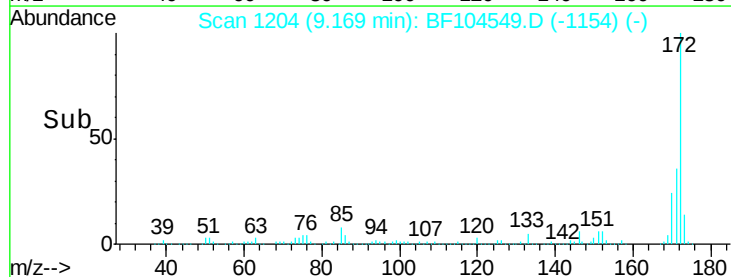
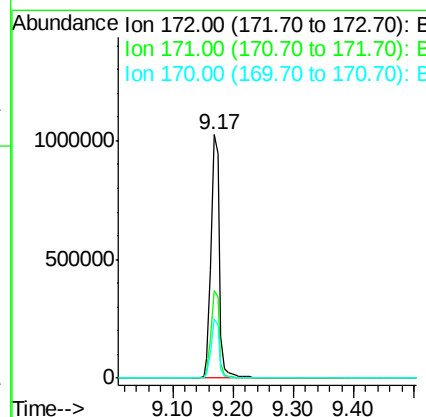
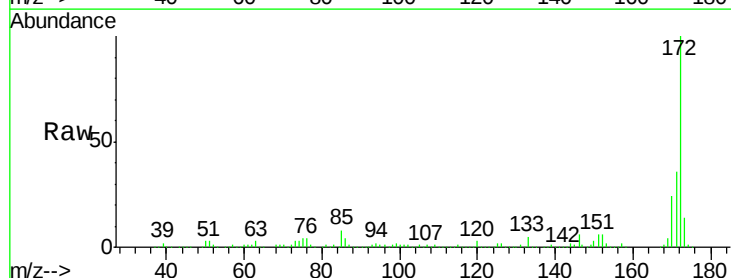
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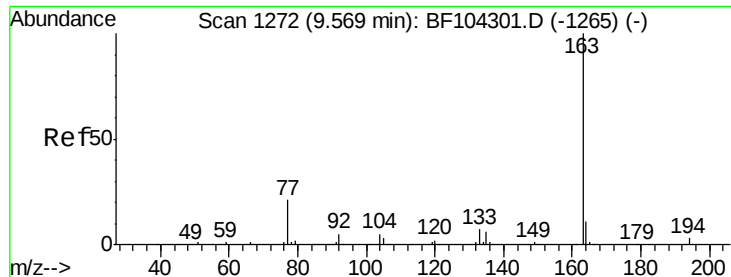
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#44
 2-Fluorobiphenyl
 Concen: 64.747 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF104549.D
 Acq: 16 Apr 2018 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1004126		
171	36.0	29.7	44.5	
170	24.1	19.6	29.4	





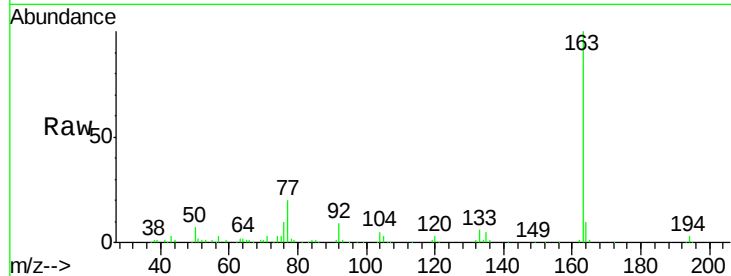
#49
Dimethylphthalate
Concen: 5.480 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104549.D
Acq: 16 Apr 2018 22:40

Instrument :
BNA_F
ClientSampleId :
CG-RO-721194

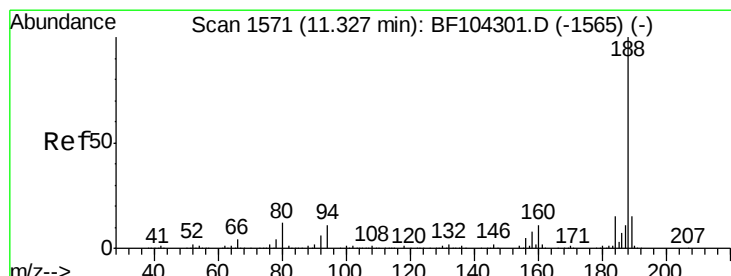
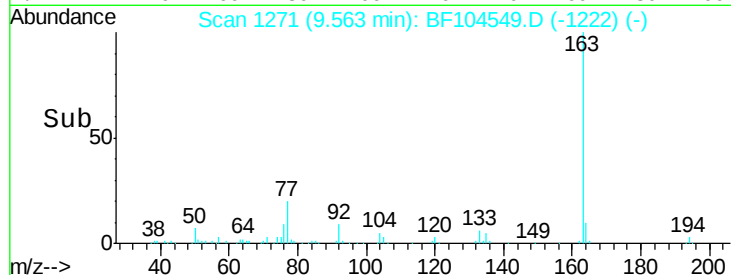
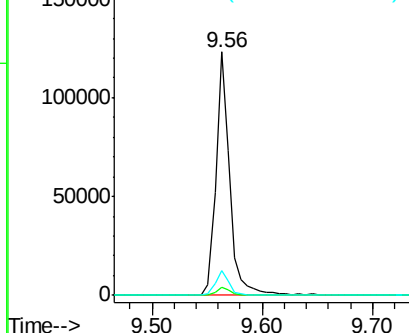
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.7	4.1	
164	10.1	8.2	12.2	

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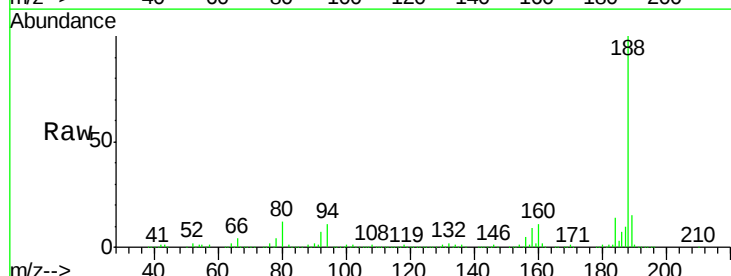


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

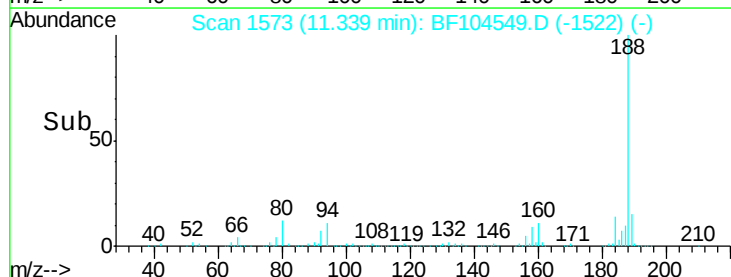
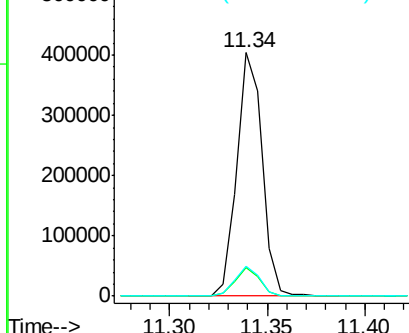


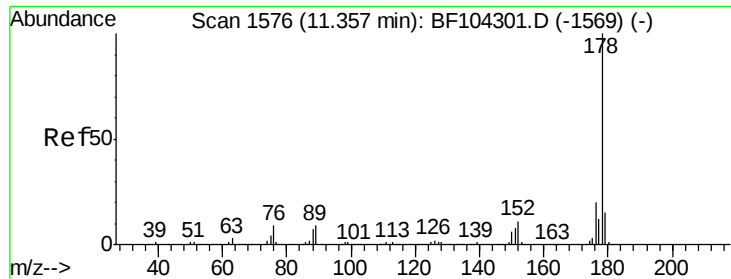
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF104549.D
Acq: 16 Apr 2018 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.5	8.5	12.7	
80	12.2	9.2	13.8	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





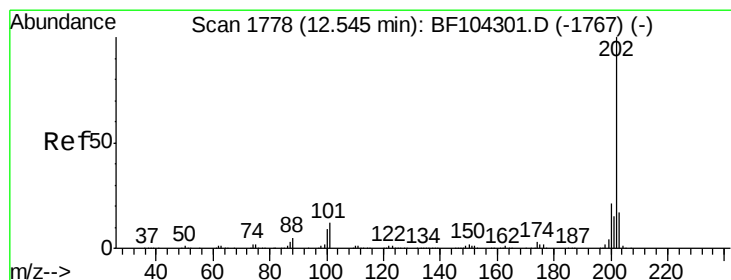
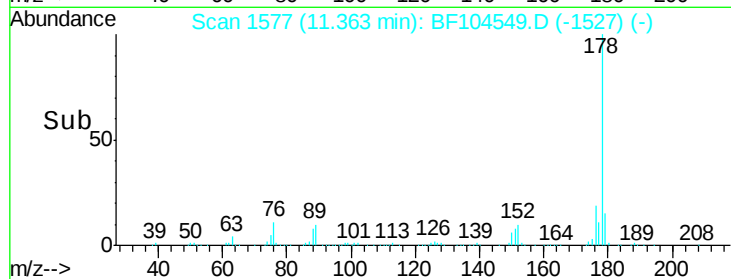
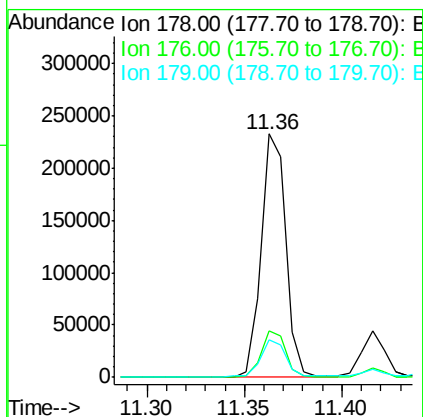
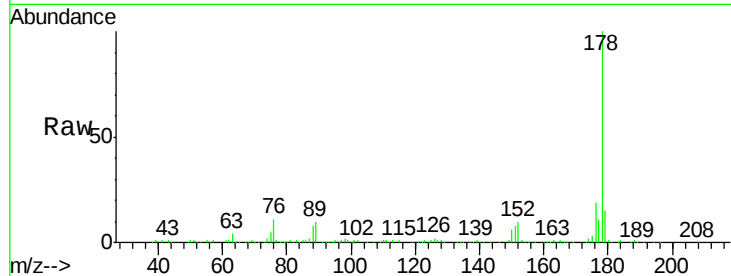
#70
Phenanthrene
Concen: 10.130 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF104549.D
Acq: 16 Apr 2018 22:40

Instrument :
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Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.5	13.0	19.6

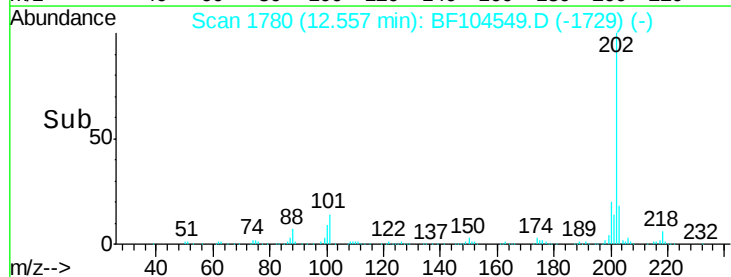
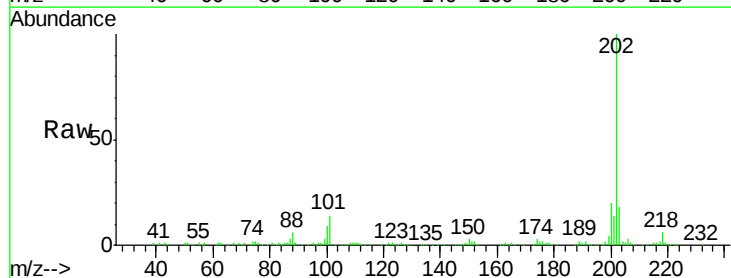
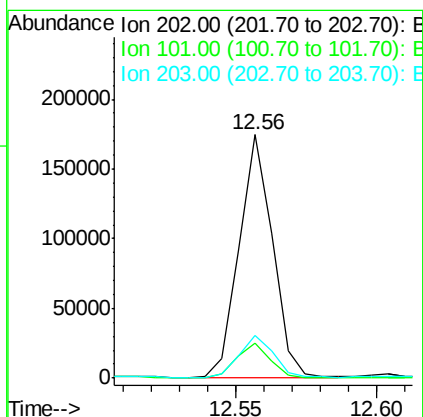
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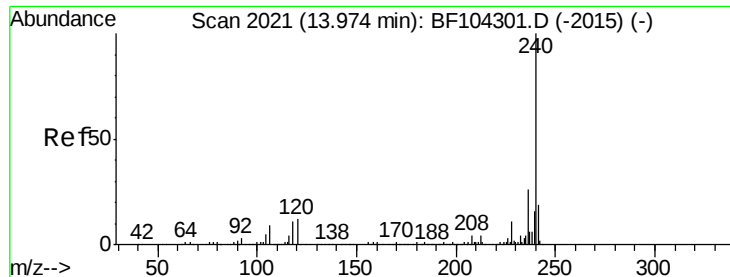
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#74
Fluoranthene
Concen: 6.749 ng
RT: 12.56 min Scan# 1780
Delta R.T. -0.00 min
Lab File: BF104549.D
Acq: 16 Apr 2018 22:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF104549.D

Acq: 16 Apr 2018 22:40

Instrument :

BNA_F

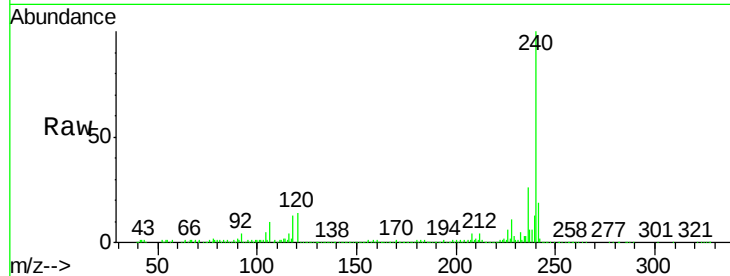
ClientSampleId :

CG-RO-721194

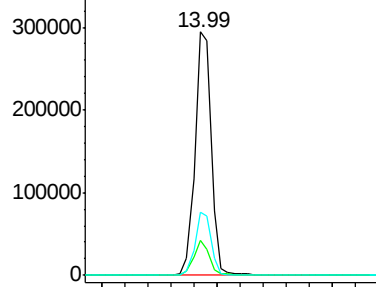
Tot Ion:	240	Resp:	288563
Ion Ratio	Lower	Upper	
240	100		
120	14.5	9.5	14.3#
236	25.9	20.7	31.1

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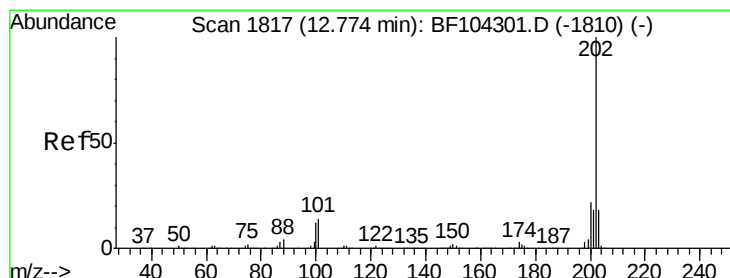
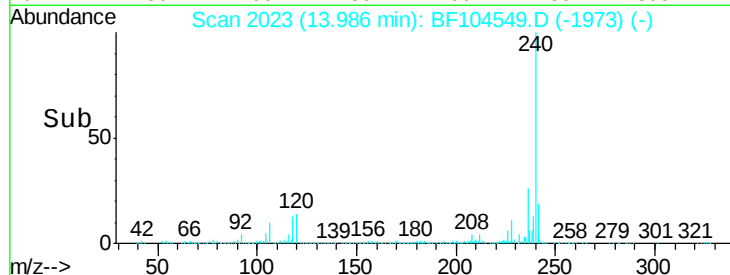
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 13.90 14.00 14.10



#77

Pyrene

Concen: 11.198 ng

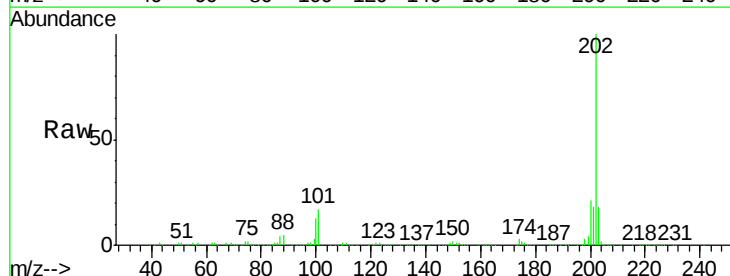
RT: 12.79 min Scan# 1819

Delta R.T. -0.00 min

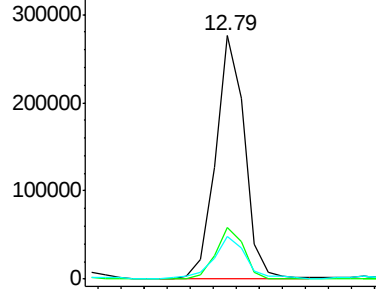
Lab File: BF104549.D

Acq: 16 Apr 2018 22:40

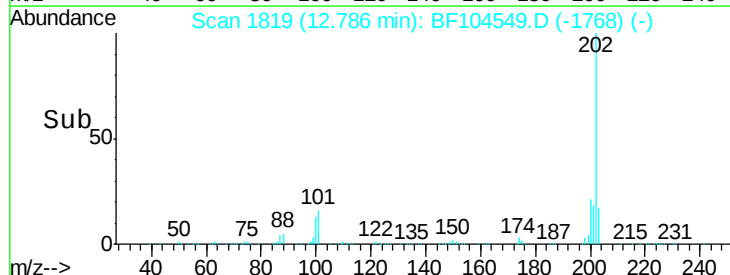
Tgt Ion:	202	Resp:	239514
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.4	26.2
203	17.8	14.3	21.5



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



Time--> 12.75 12.80





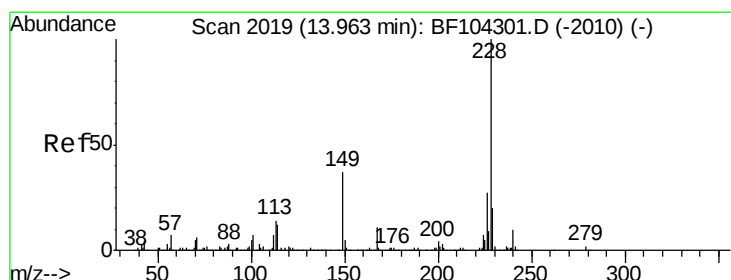
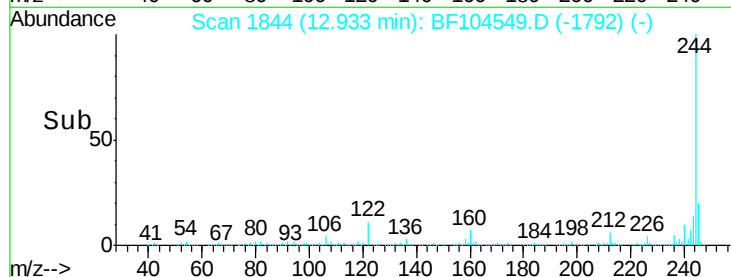
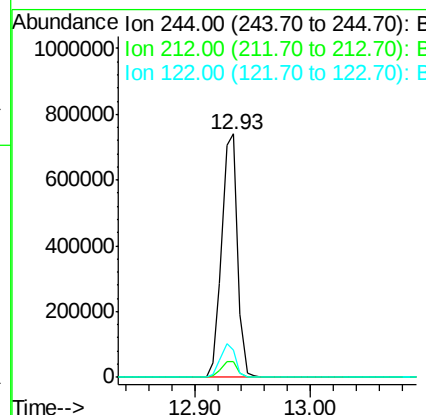
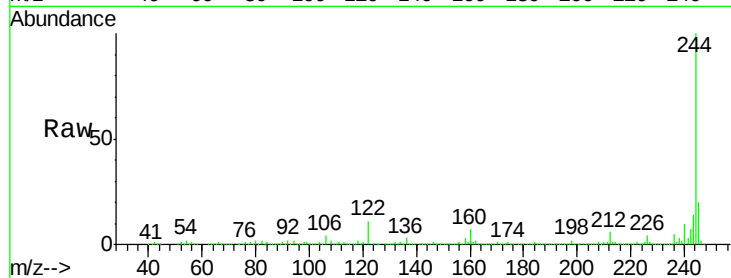
#78
 Terphenyl-d14
 Concen: 55.717 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.01 min
 Lab File: BF104549.D
 Acq: 16 Apr 2018 22:40

Instrument :
 BNA_F
 ClientSampleId :
 CG-RO-721194

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	11.2	11.0	16.4

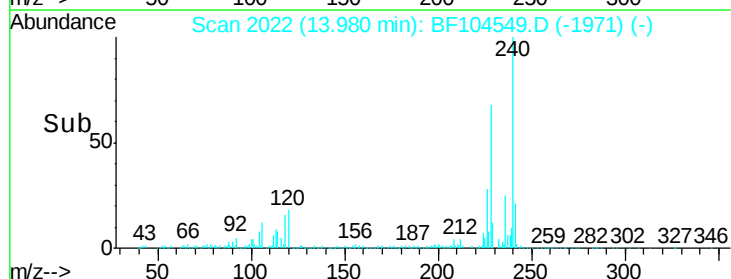
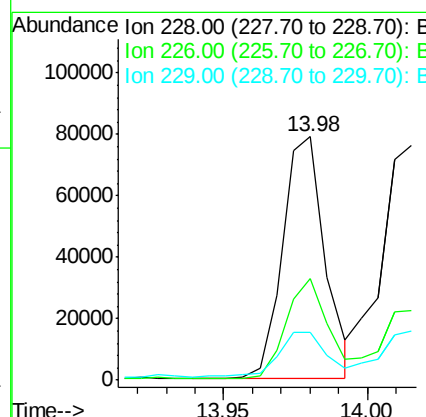
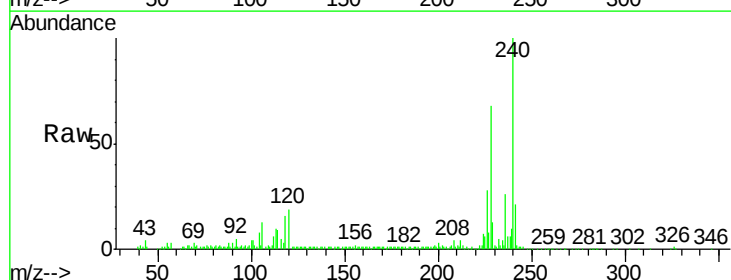
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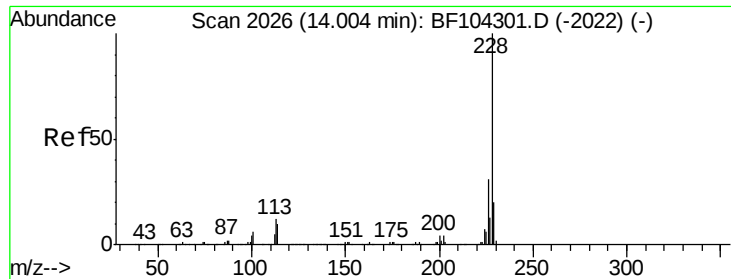
Sohil
 4/17/2018 10:09:19 AM



#80
 Benzo(a)anthracene
 Concen: 4.729 ng m
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF104549.D
 Acq: 16 Apr 2018 22:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	41.5	22.6	33.8#
229	19.6	15.8	23.6





#82

Chrysene

Concen: 4.476 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF104549.D

Acq: 16 Apr 2018 22:40

Instrument :

BNA_F

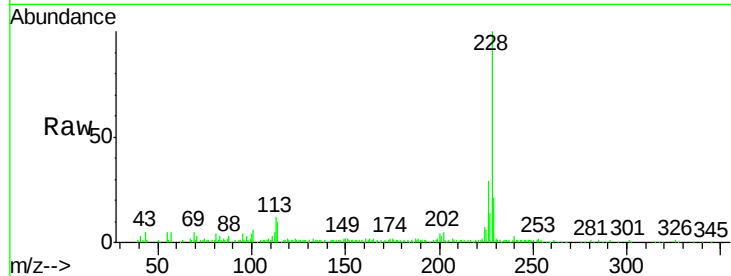
ClientSampleId :

CG-RO-721194

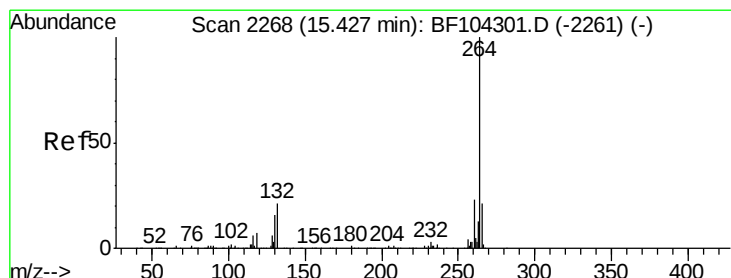
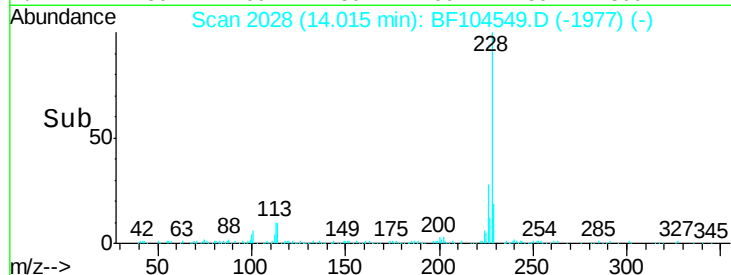
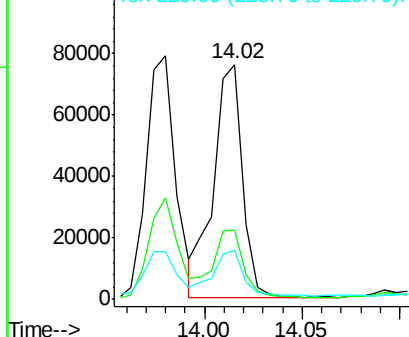
Tot Ion:	228	Resp:	79253
Ion Ratio	Lower	Upper	
228	100		
226	29.4	25.0	37.6
229	20.9	16.2	24.4

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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

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

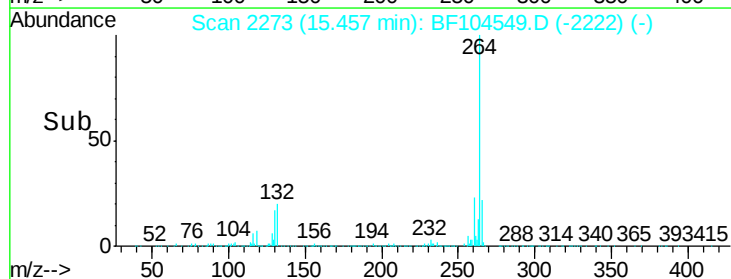
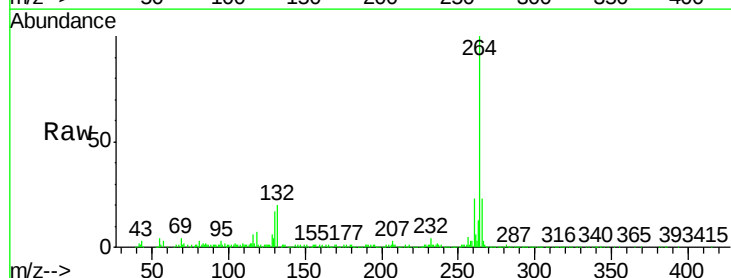
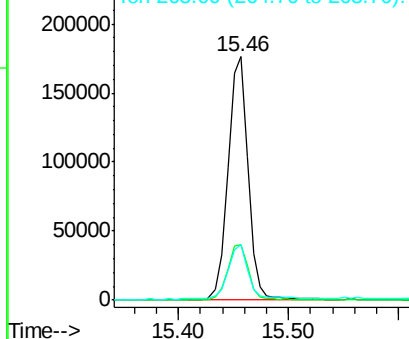
Delta R.T. -0.00 min

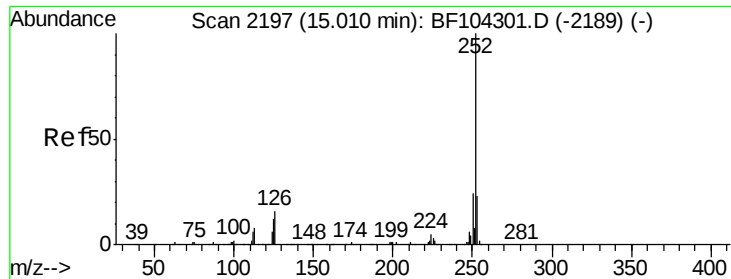
Lab File: BF104549.D

Acq: 16 Apr 2018 22:40

Tgt Ion:	264	Resp:	226970
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.2	28.8
265	22.5	17.5	26.3

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





#87

Benzo(b)fluoranthene

Concen: 3.692 ng

RT: 15.03 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BF104549.D

Acq: 16 Apr 2018 22:40

Instrument :

BNA_F

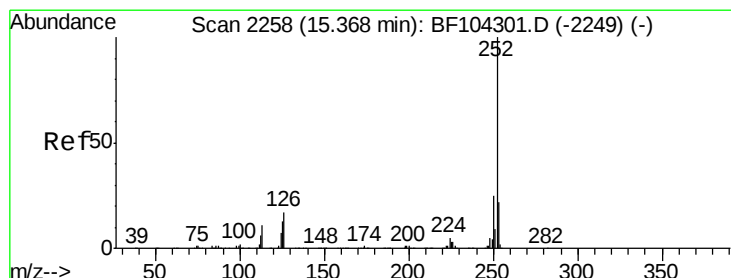
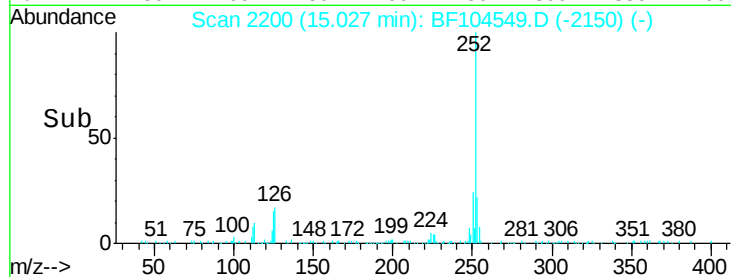
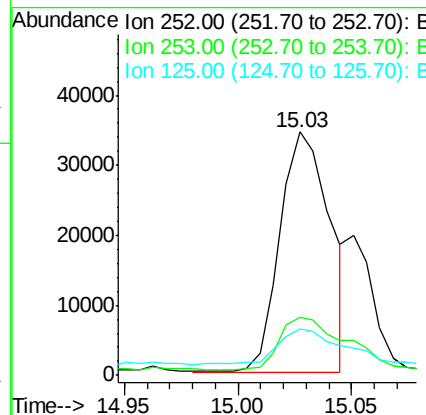
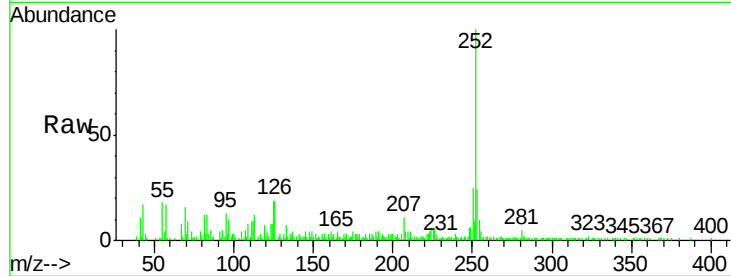
ClientSampleId :

CG-RO-721194

Tot Ion:	252	Resp:	52930
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.0	25.6
125	19.3	9.0	13.6#

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#89

Benzo(a)pyrene

Concen: 3.596 ng

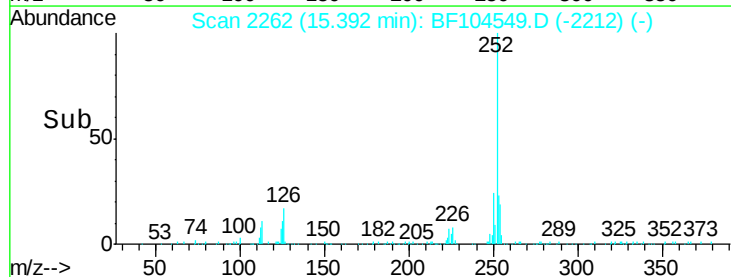
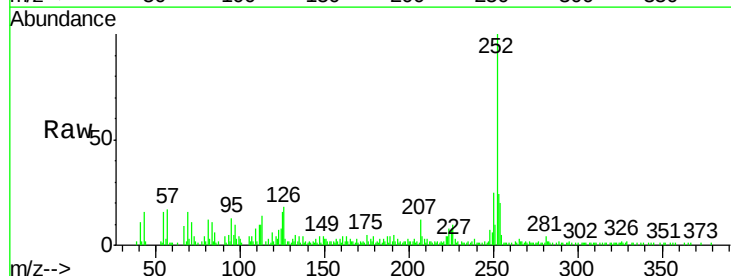
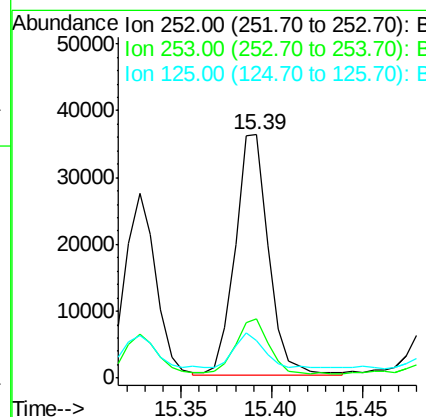
RT: 15.39 min Scan# 2262

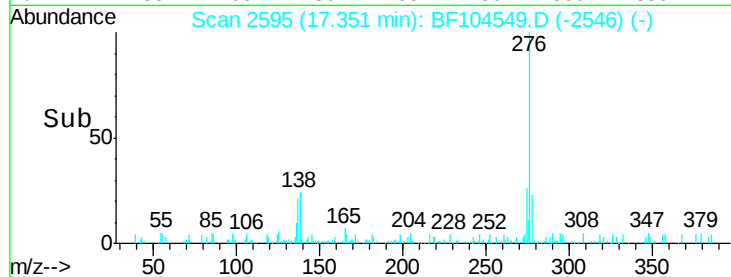
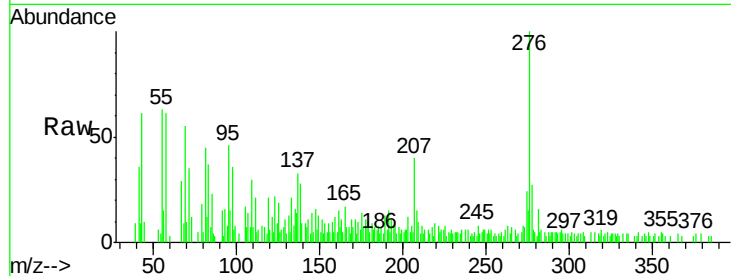
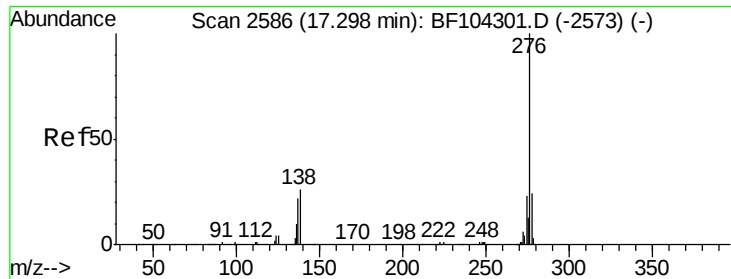
Delta R.T. -0.01 min

Lab File: BF104549.D

Acq: 16 Apr 2018 22:40

Tgt Ion:	252	Resp:	46120
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.1	25.7
125	15.6	9.8	14.6#





#91

Benzo(a,h,i)perylene

Concen: 2.037 ng

RT: 17.35 min Scan# 2595

Delta R.T. -0.01 min

Lab File: BF104549.D

Acq: 16 Apr 2018 22:40

Instrument :

BNA_F

ClientSampleId :

CG-RO-721194

Tot Ion: 276 Resp: 20792

Ion Ratio Lower Upper

276 100

277 26.7 17.9 26.9

138 28.2 21.8 32.8

Manual Integrations

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Sohil

4/17/2018 10:09:19 AM

