

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104705.D
 Acq On : 23 Apr 2018 13:21
 Operator : JU/SJ
 Sample : J2482-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NORTHLAWN-PRECHAR-AREA-1

Manual Integrations
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Sohil
 4/24/2018 3:48:31 PM

Quant Time: Apr 23 16:06:05 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	120062	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	455170	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	191452	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	303068	20.00	ng	0.00
75) Chrysene-d12	13.99	240	198888	20.00	ng	0.00
86) Perylene-d12	15.46	264	149770	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	703896	89.65	ng	0.02
7) Phenol-d6	6.46	99	851577	88.27	ng	0.01
23) Nitrobenzene-d5	7.37	82	486014	69.72	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	171300	86.25	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	793820	65.50	ng	0.00
78) Terphenyl-d14	12.93	244	609738	69.89	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	56486	3.741	ng	99
70) Phenanthrene	11.36	178	261094	15.470	ng	99
71) Anthracene	11.42	178	79130	4.612	ng	98
73) Di-n-butylphthalate	11.89	149	69640	3.401	ng	99
74) Fluoranthene	12.56	202	565824	32.087	ng	99
77) Pyrene	12.79	202	512994	34.798	ng	99
80) Benzo(a)anthracene	13.98	228	240841	20.270	ng	97
82) Chrysene	14.02	228	211604	17.338	ng	98
85) Indeno(1,2,3-cd)pyrene	16.93	276	93088	8.979	ng	# 93
87) Benzo(b)fluoranthene	15.03	252	231125m	24.434	ng	
88) Benzo(k)fluoranthene	15.06	252	79551m	8.908	ng	
89) Benzo(a)pyrene	15.40	252	157173	18.570	ng	95
90) Dibenzo(a,h)anthracene	16.93	278	23966	3.448	ng	# 81
91) Benzo(g,h,i)perylene	17.37	276	95307	14.152	ng	94

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

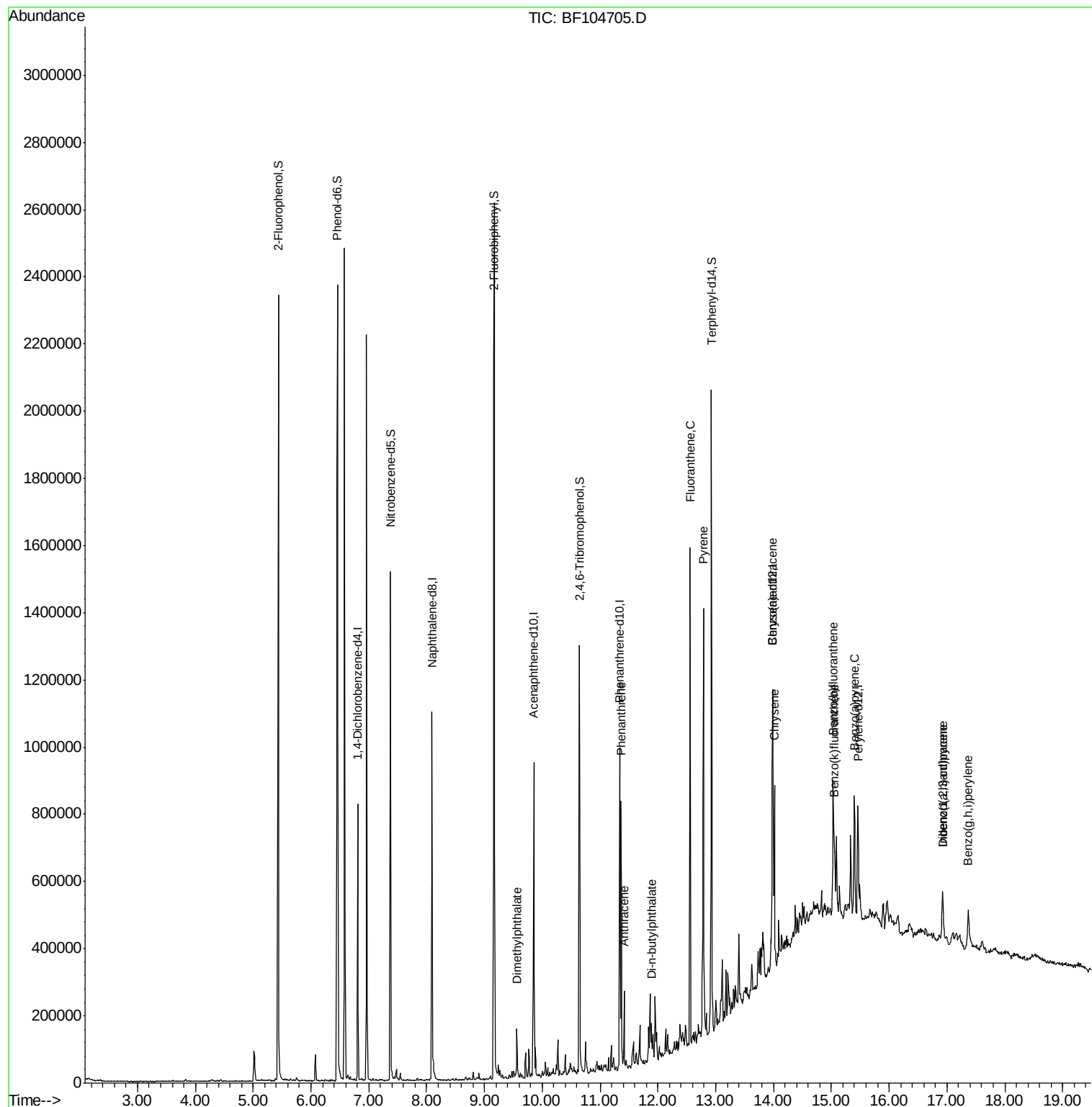
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104705.D
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ALS Vial : 8 Sample Multiplier: 1

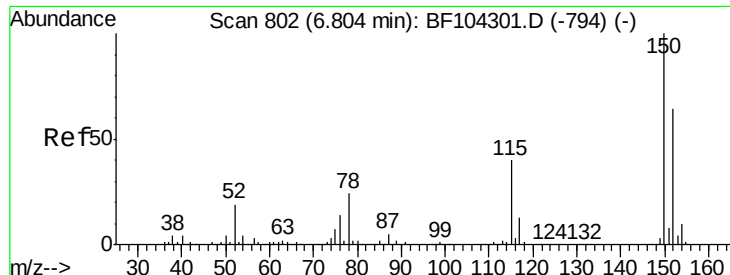
Instrument :
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NORTHLAWN-PRECHAR-AREA-1

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

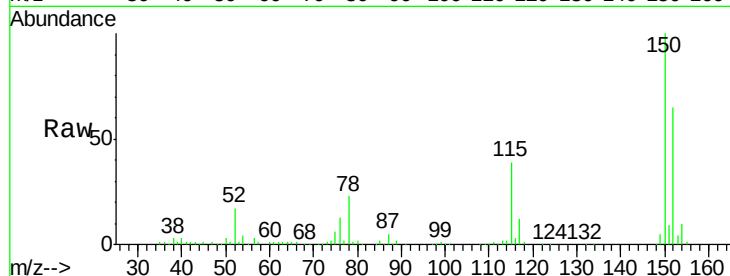
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104705.D
Acq: 23 Apr 2018 13:21

Instrument :
BNA_F
ClientSampleId :
NORTHLAWN-PRECHAR-AREA-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.6	186.8
115	61.0	50.1	75.1

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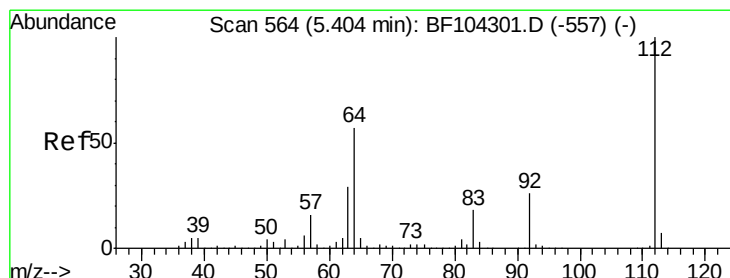
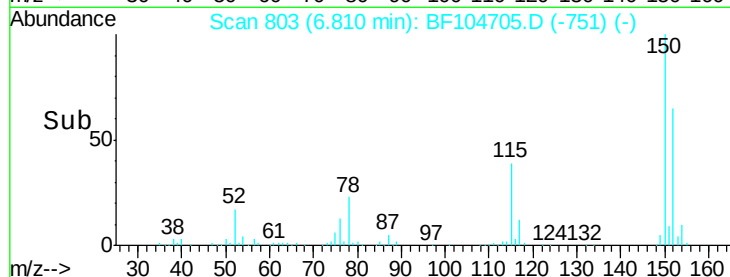
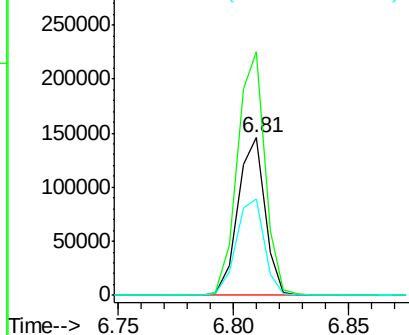


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

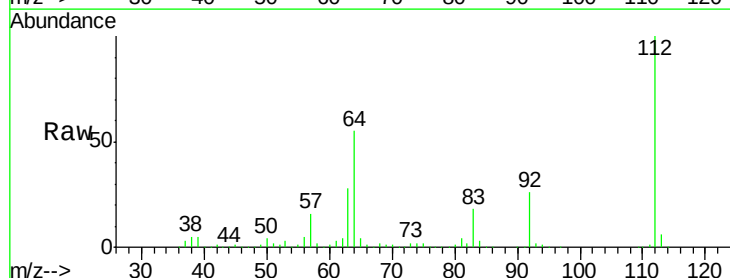
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 89.645 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF104705.D
Acq: 23 Apr 2018 13:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	47.9	71.9
63	27.5	23.7	35.5

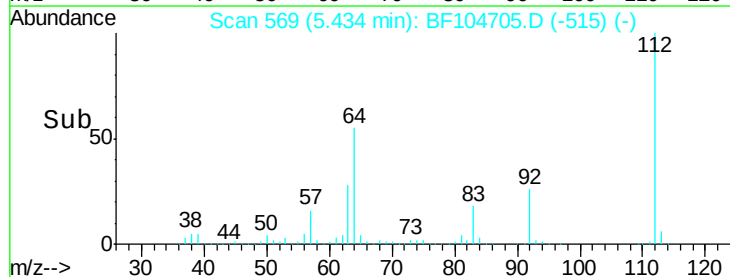
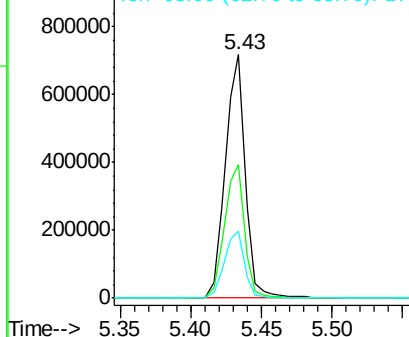


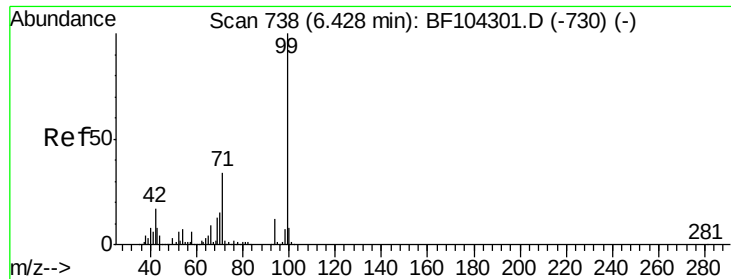
Abundance

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: 88.268 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104705.D

Acq: 23 Apr 2018 13:21

Instrument :

BNA_F

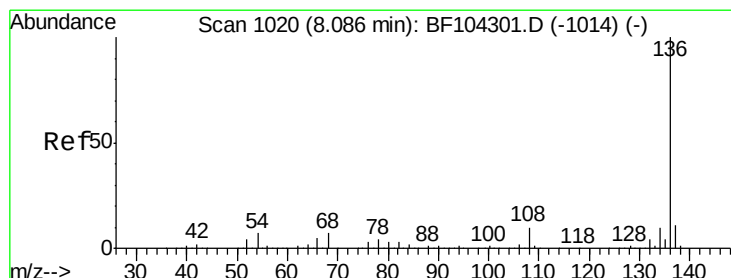
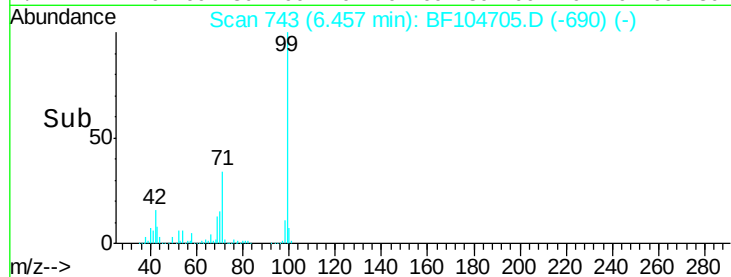
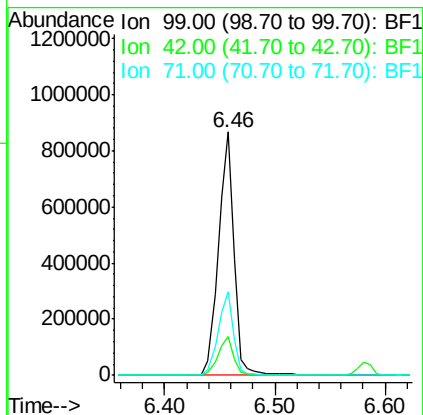
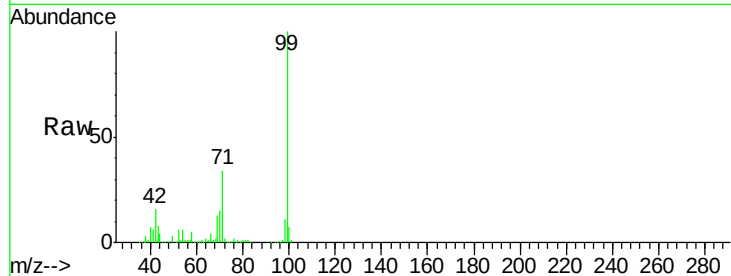
ClientSampleId :

NORTHLAWN-PRECHAR-AREA-1

Tot Ion:	99	Resp:	851577
Ion Ratio	Lower	Upper	
99	100		
42	16.0	14.5	21.7
71	34.2	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

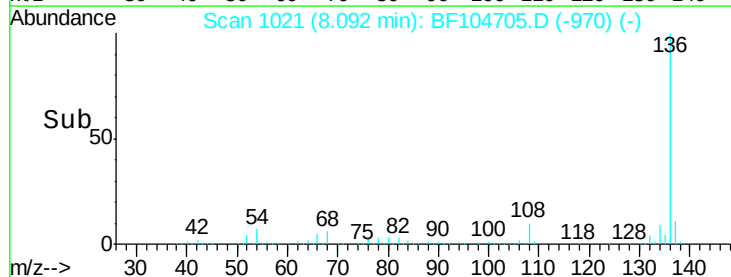
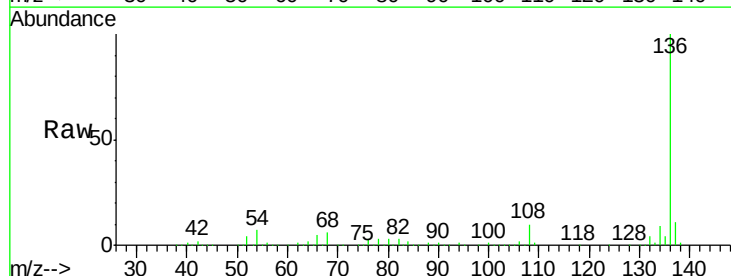
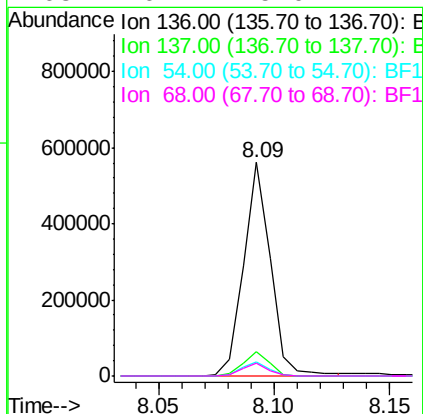
RT: 8.09 min Scan# 1021

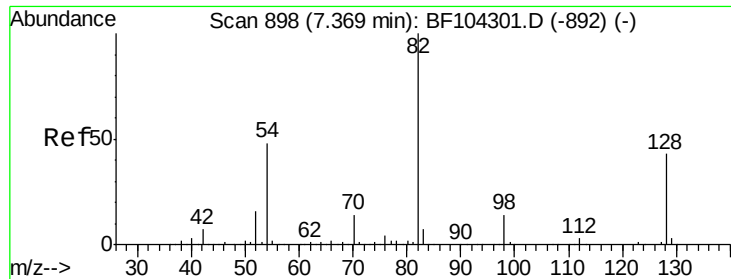
Delta R.T. -0.00 min

Lab File: BF104705.D

Acq: 23 Apr 2018 13:21

Tgt Ion:	136	Resp:	455170
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	6.6	6.6	9.8
68	6.1	5.0	7.4





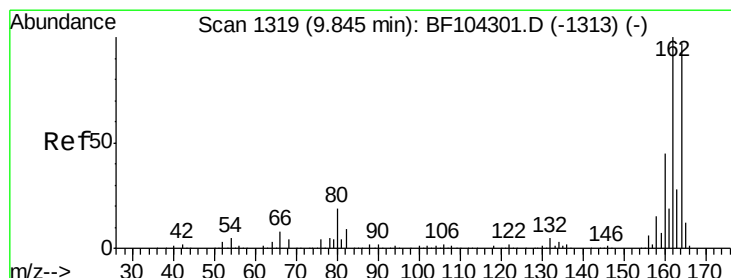
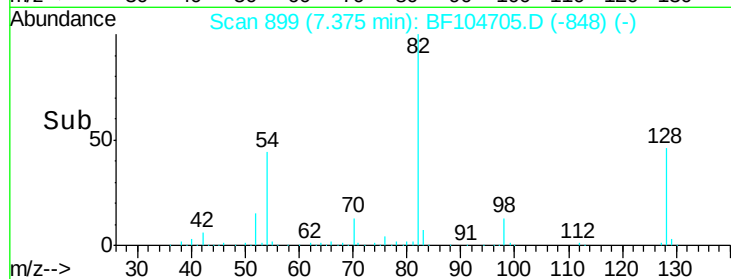
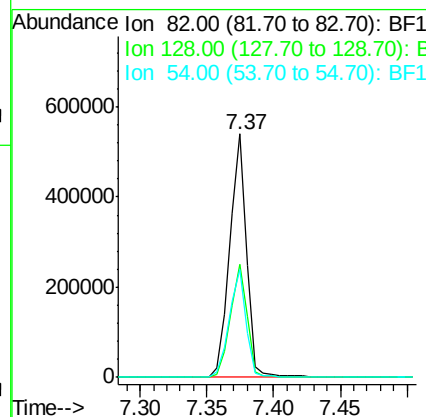
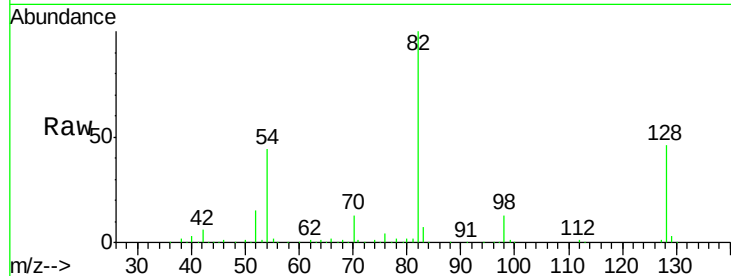
#23
 Nitrobenzene-d5
 Concen: 69.723 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BF104705.D
 Acq: 23 Apr 2018 13:21

Instrument :
 BNA_F
 ClientSampleId :
 NORTHLAWN-PRECHAR-AREA-1

Tot Ion	Ratio	Resp	Lower	Upper
82	100	486014		
128	46.4	36.1	54.1	
54	44.3	41.4	62.2	

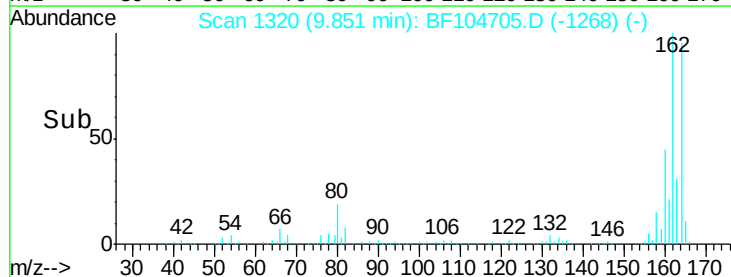
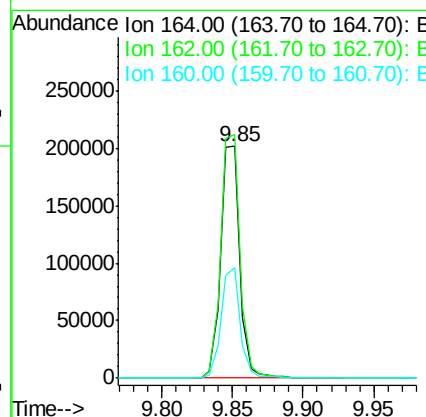
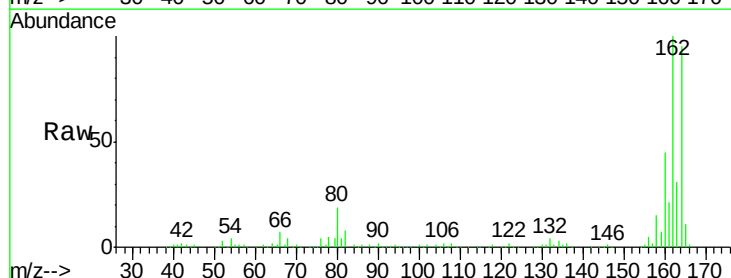
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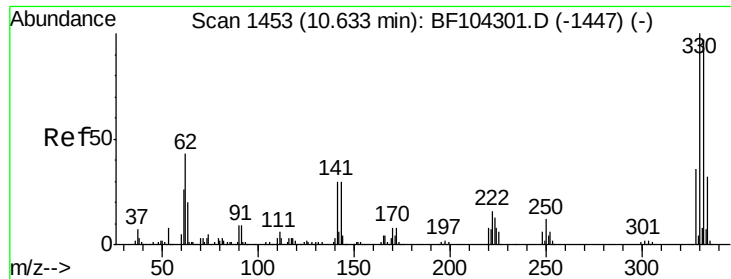
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF104705.D
 Acq: 23 Apr 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	191452		
162	105.0	86.1	129.1	
160	47.6	38.3	57.5	





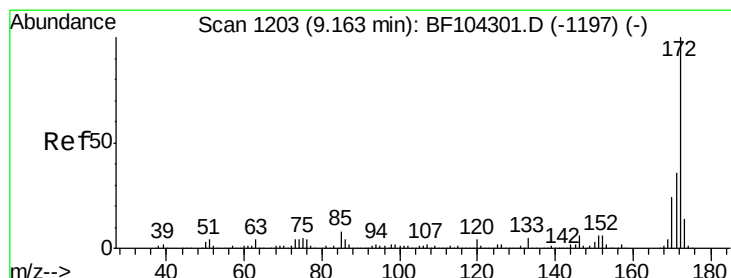
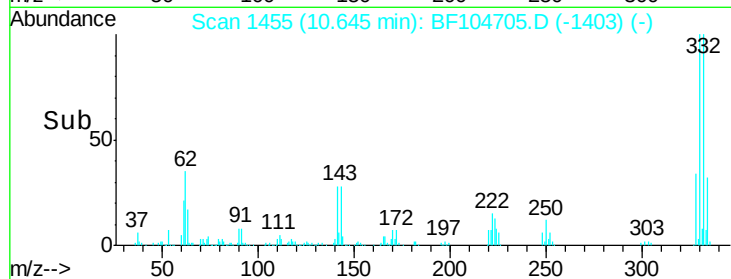
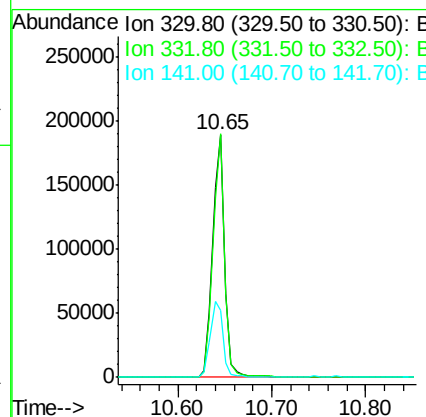
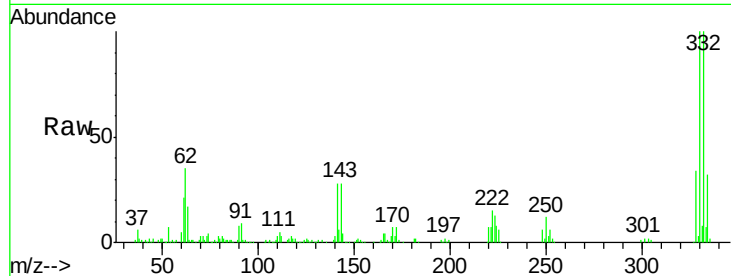
#41
 2,4,6-Tribromophenol
 Concen: 86.254 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104705.D
 Acq: 23 Apr 2018 13:21

Instrument :
 BNA_F
 ClientSampleId :
 NORTHLAWN-PRECHAR-AREA-1

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7	77.0	115.6	
141	32.7	29.9	44.9	

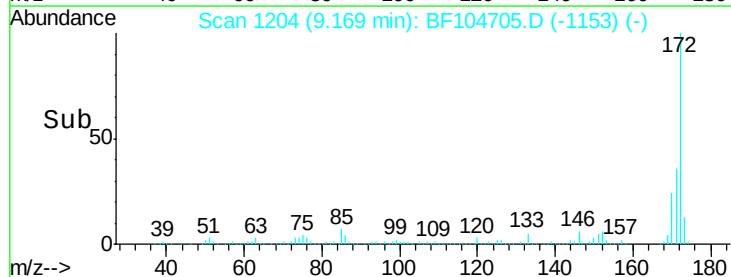
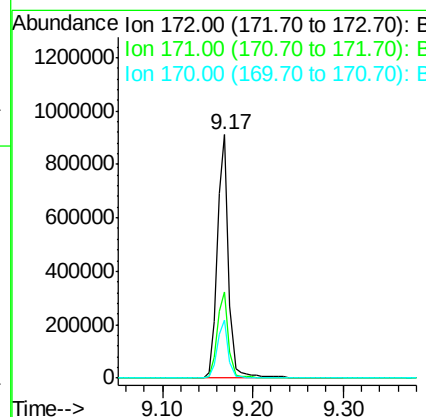
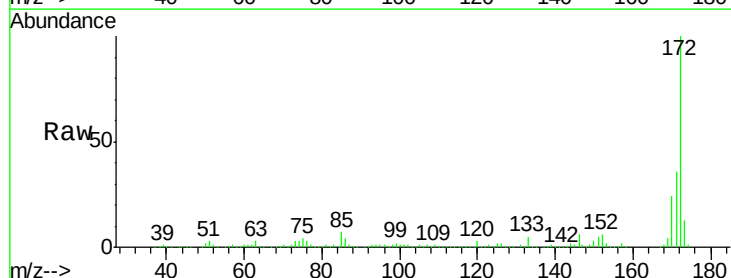
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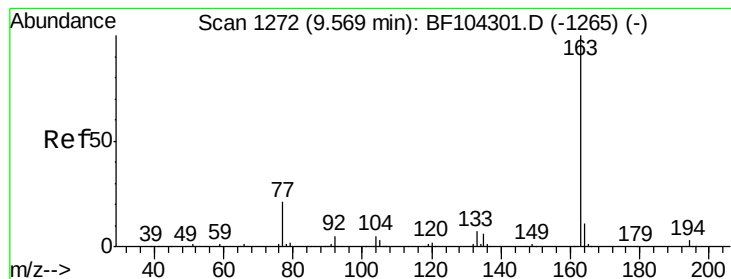
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#44
 2-Fluorobiphenyl
 Concen: 65.501 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104705.D
 Acq: 23 Apr 2018 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.6	29.7	44.5	
170	23.7	19.6	29.4	





#49

Dimethylphthalate

Concen: 3.741 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF104705.D

Acq: 23 Apr 2018 13:21

Instrument :

BNA_F

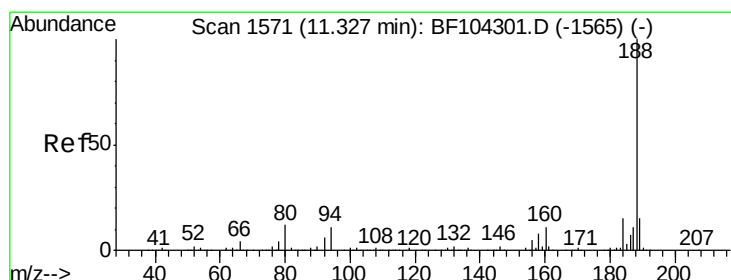
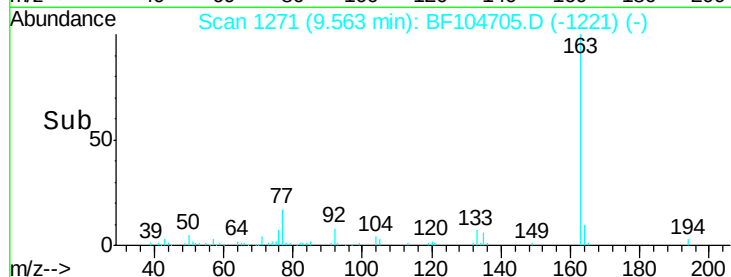
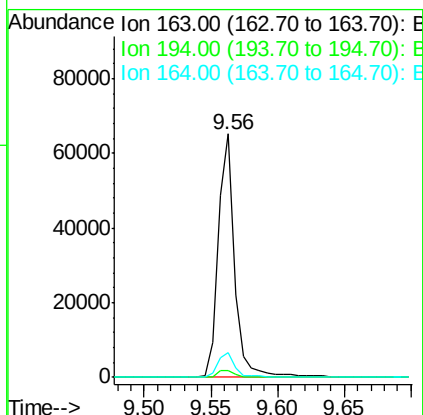
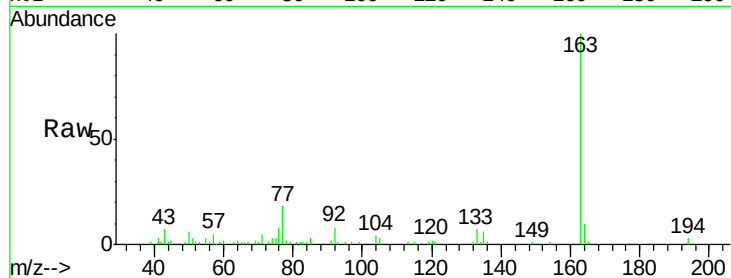
ClientSampleId :

NORTHLAWN-PRECHAR-AREA-1

Tot Ion:	163	Resp:	56486
Ion Ratio	Lower	Upper	
163	100		
194	2.8	2.7	4.1
164	10.3	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

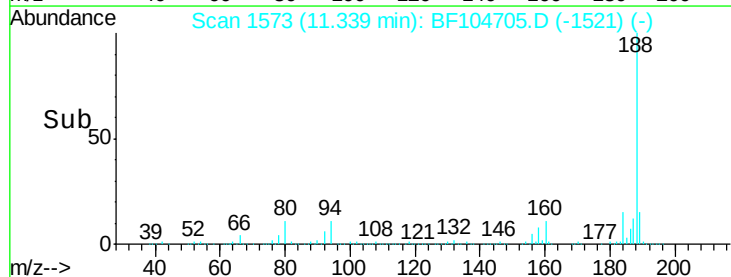
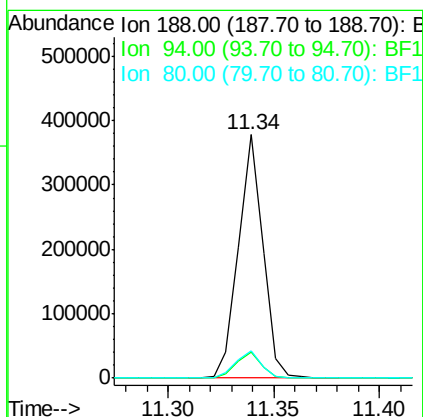
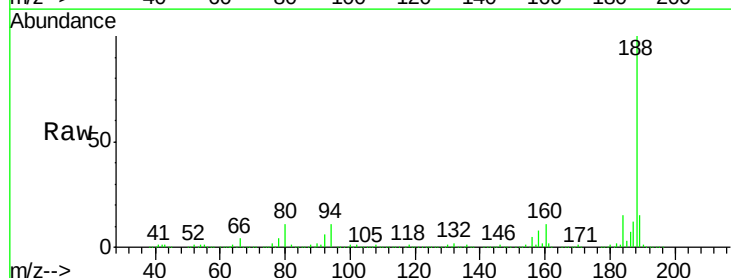
RT: 11.34 min Scan# 1573

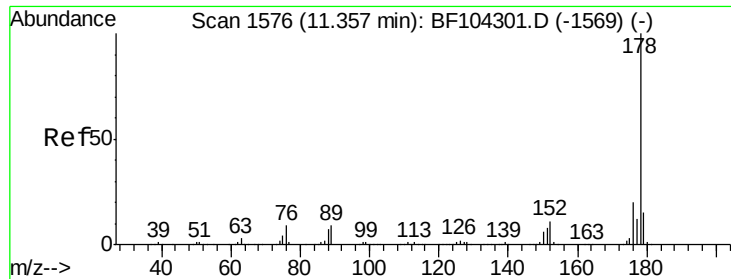
Delta R.T. 0.01 min

Lab File: BF104705.D

Acq: 23 Apr 2018 13:21

Tgt Ion:	188	Resp:	303068
Ion Ratio	Lower	Upper	
188	100		
94	10.6	8.5	12.7
80	11.4	9.2	13.8





#70

Phenanthrene

Concen: 15.470 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BF104705.D

Acq: 23 Apr 2018 13:21

Instrument :

BNA_F

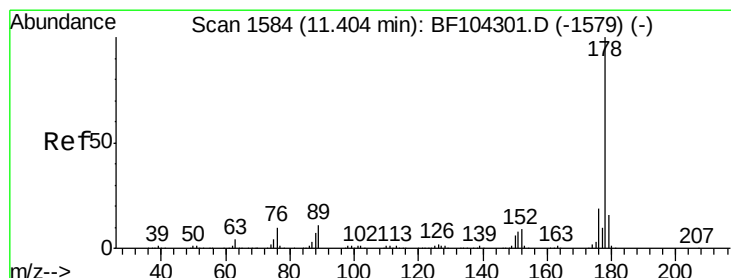
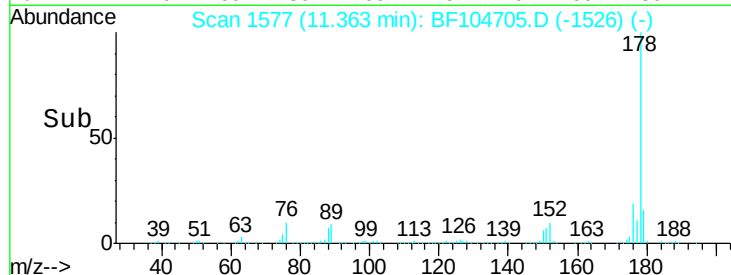
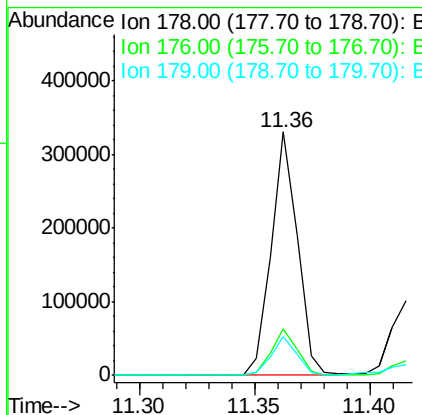
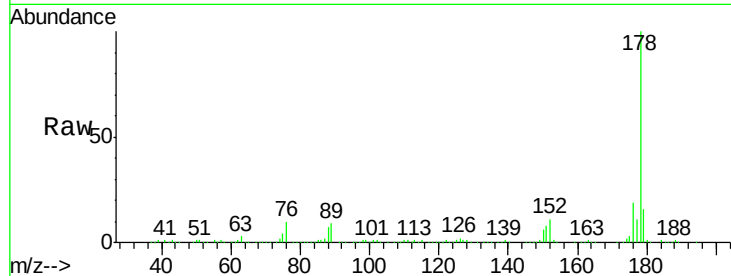
ClientSampleId :

NORTHLAWN-PRECHAR-AREA-1

Tot Ion:178	Resp:	261094
Ion Ratio	Lower	Upper
178	100	
176	19.3	15.8 23.8
179	15.9	13.0 19.6

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#71

Anthracene

Concen: 4.612 ng

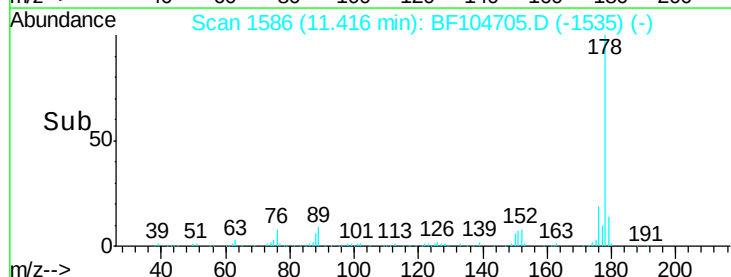
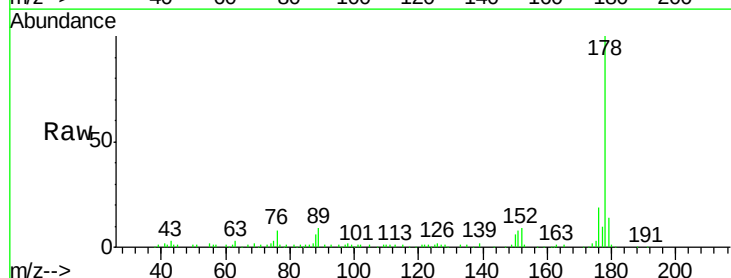
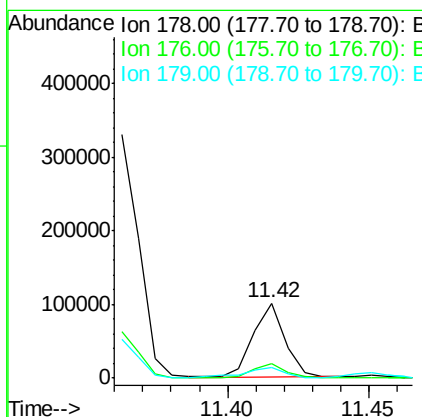
RT: 11.42 min Scan# 1586

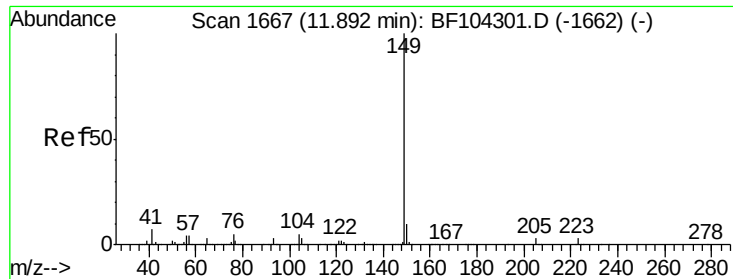
Delta R.T. -0.00 min

Lab File: BF104705.D

Acq: 23 Apr 2018 13:21

Tgt Ion:178	Resp:	79130
Ion Ratio	Lower	Upper
178	100	
176	18.9	15.4 23.2
179	14.4	12.6 19.0





#73

Di-n-butylphthalate

Concen: 3.401 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BF104705.D

Acq: 23 Apr 2018 13:21

Instrument :

BNA_F

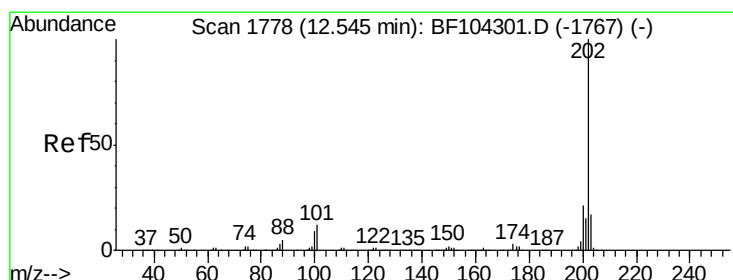
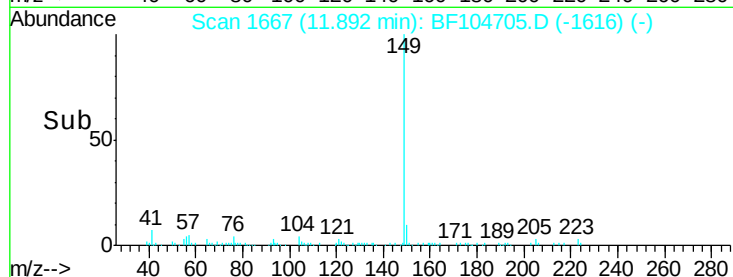
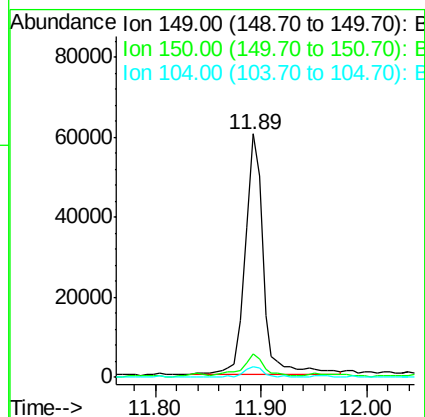
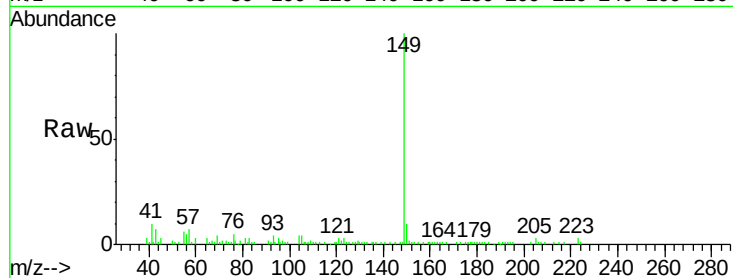
ClientSampleId :

NORTHLAWN-PRECHAR-AREA-1

Tot Ion:	149	Resp:	69640
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	4.3	3.8	5.8

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#74

Fluoranthene

Concen: 32.087 ng

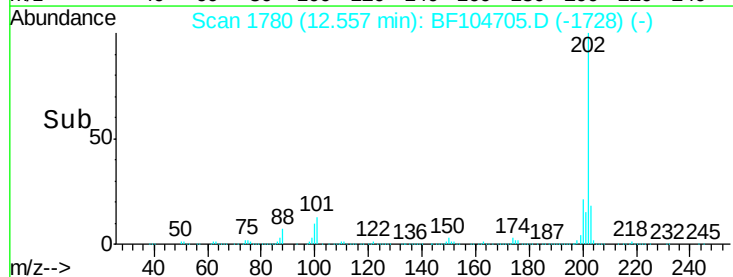
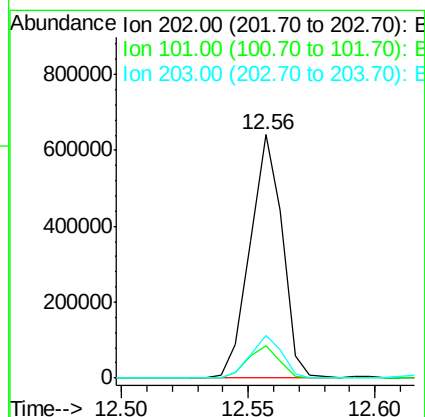
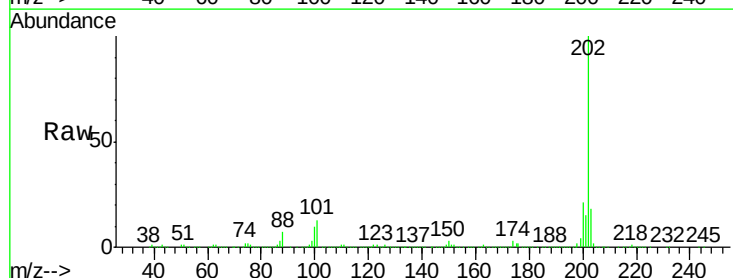
RT: 12.56 min Scan# 1780

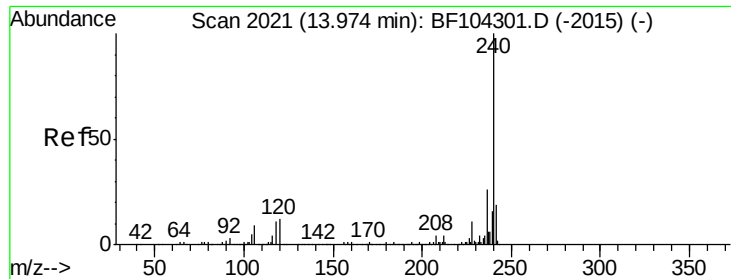
Delta R.T. 0.01 min

Lab File: BF104705.D

Acq: 23 Apr 2018 13:21

Tgt Ion:	202	Resp:	565824
Ion Ratio	Lower	Upper	
202	100		
101	13.2	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. -0.00 min

Lab File: BF104705.D

Acq: 23 Apr 2018 13:21

Instrument :

BNA_F

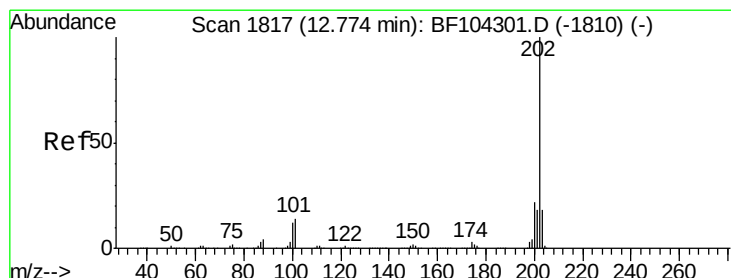
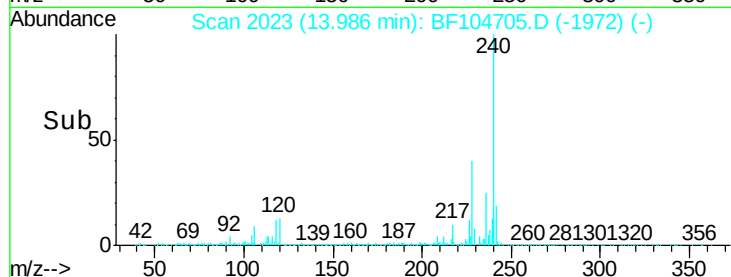
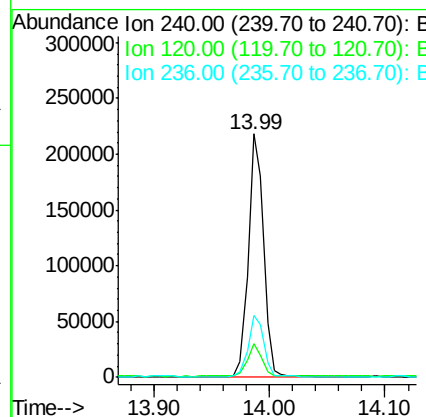
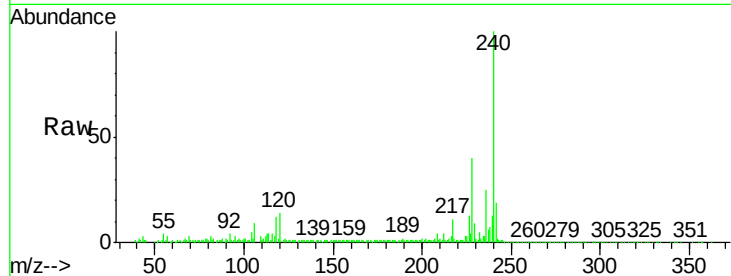
ClientSampleId :

NORTHLAWN-PRECHAR-AREA-1

Tot Ion:	240	Resp:	198888
Ion Ratio	Lower	Upper	
240	100		
120	13.8	9.5	14.3
236	25.2	20.7	31.1

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#77

Pyrene

Concen: 34.798 ng

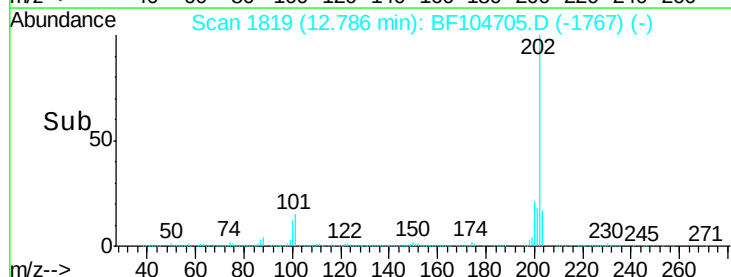
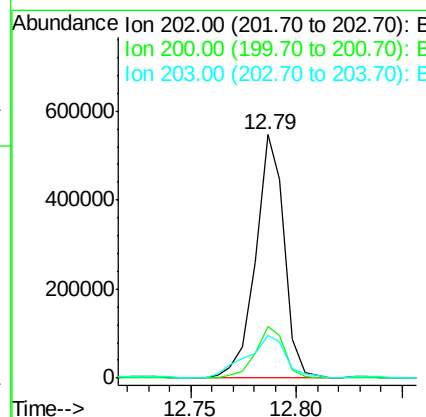
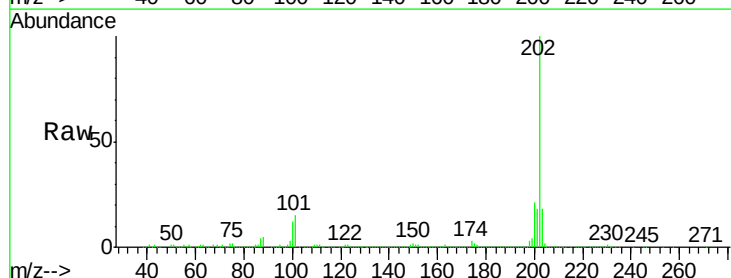
RT: 12.79 min Scan# 1819

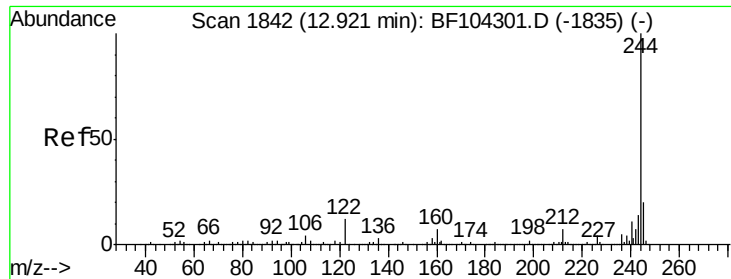
Delta R.T. 0.01 min

Lab File: BF104705.D

Acq: 23 Apr 2018 13:21

Tgt Ion:	202	Resp:	512994
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.4	26.2
203	17.5	14.3	21.5





#78

Terphenyl-d14

Concen: 69.894 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF104705.D

Acq: 23 Apr 2018 13:21

Instrument :

BNA_F

ClientSampleId :

NORTHLAWN-PRECHAR-AREA-1

Tot Ion:244 Resp: 609738

Ion Ratio Lower Upper

244 100

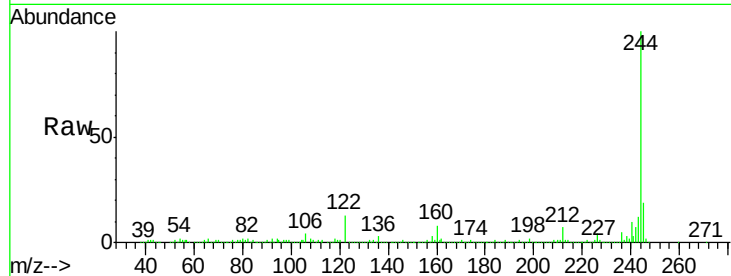
212 6.6 5.4 8.0

122 12.6 11.0 16.4

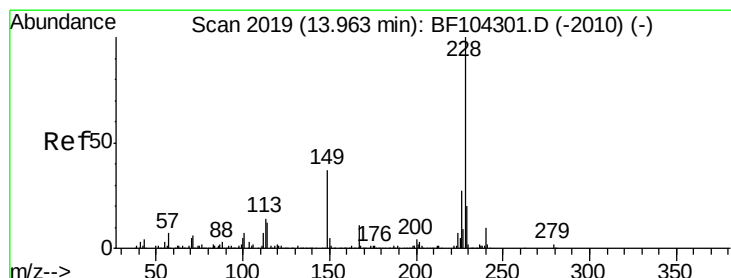
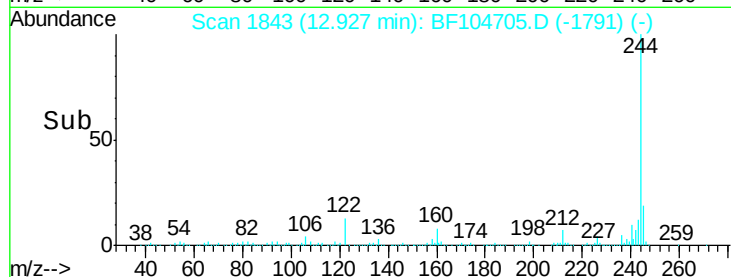
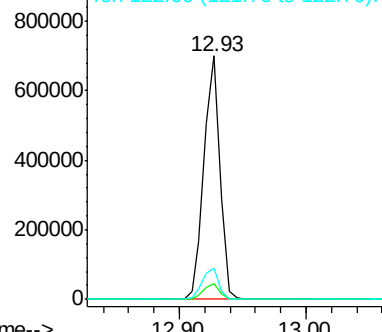
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 20.270 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF104705.D

Acq: 23 Apr 2018 13:21

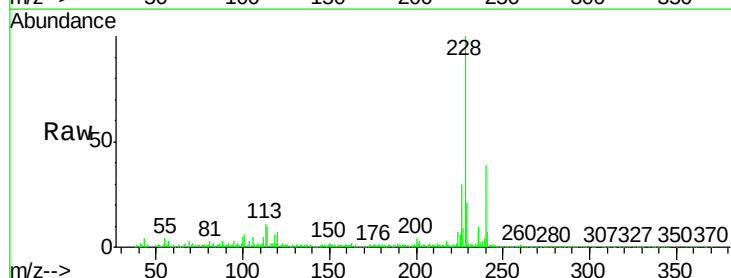
Tgt Ion:228 Resp: 240841

Ion Ratio Lower Upper

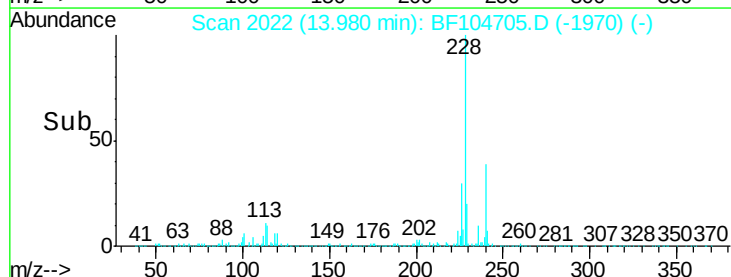
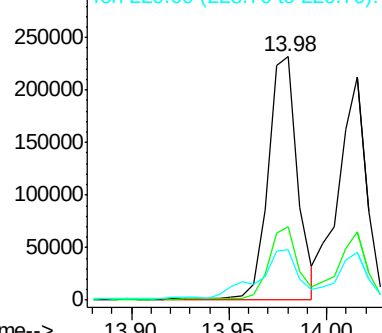
228 100

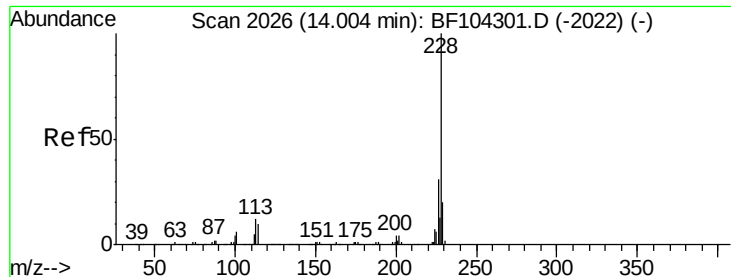
226 30.3 22.6 33.8

229 20.9 15.8 23.6



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





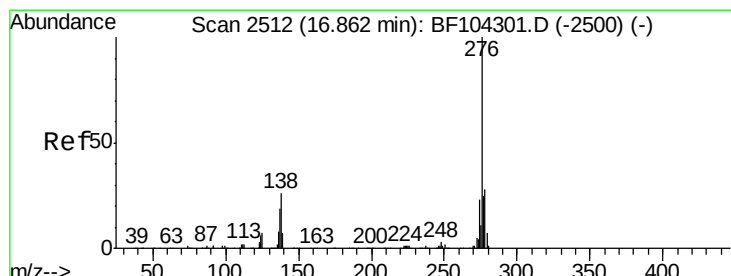
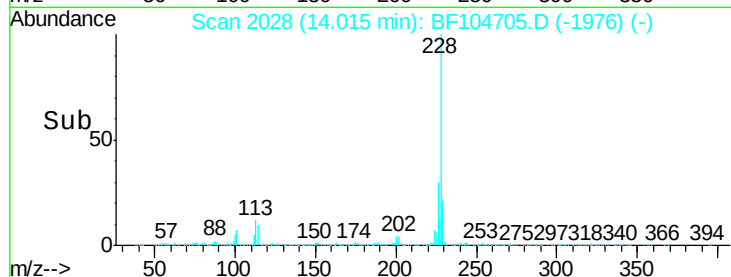
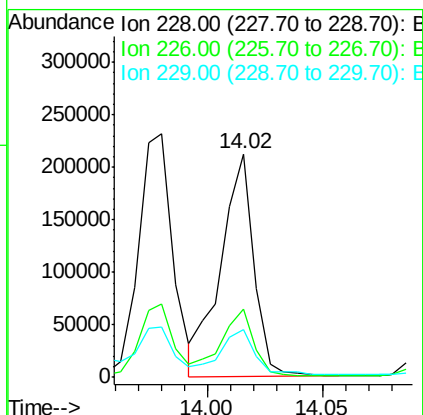
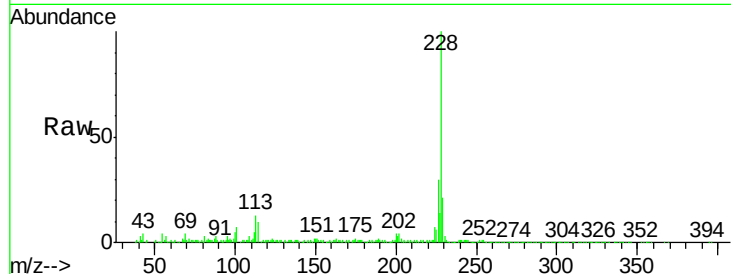
#82
Chrysene
Concen: 17.338 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF104705.D
Acq: 23 Apr 2018 13:21

Instrument :
BNA_F
ClientSampleId :
NORTHLAWN-PRECHAR-AREA-1

Tot Ion:	228	Resp:	211604
Ion Ratio		Lower	Upper
228	100		
226	30.5	25.0	37.6
229	21.2	16.2	24.4

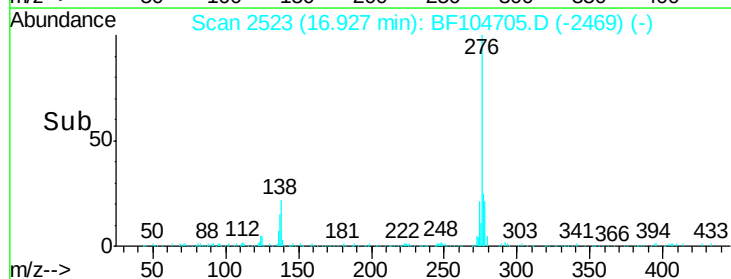
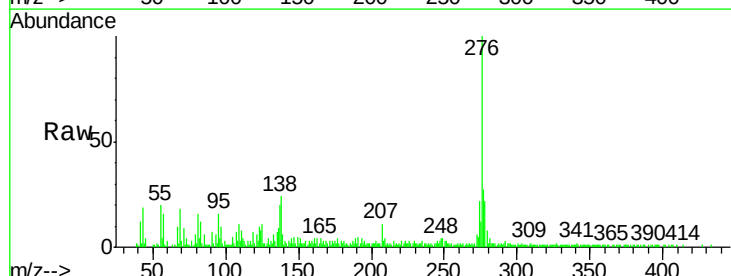
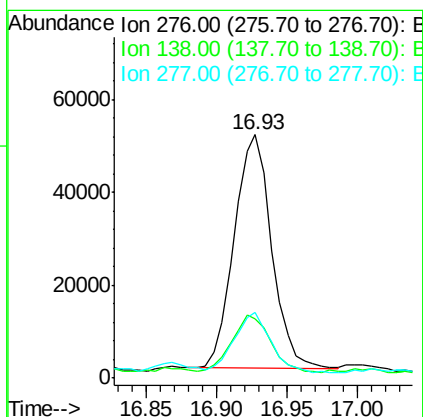
Manual Integrations
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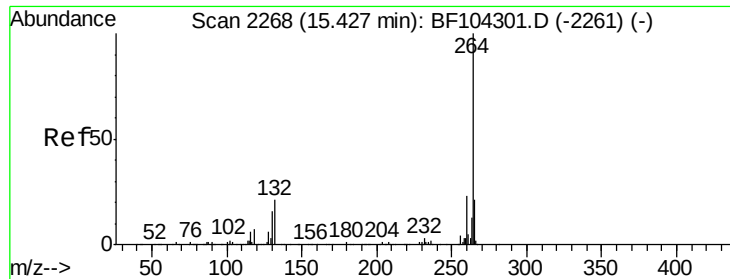
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 8.979 ng
RT: 16.93 min Scan# 2523
Delta R.T. 0.02 min
Lab File: BF104705.D
Acq: 23 Apr 2018 13:21

Tgt Ion:	276	Resp:	93088
Ion Ratio		Lower	Upper
276	100		
138	24.8	25.0	37.6#
277	25.3	20.1	30.1





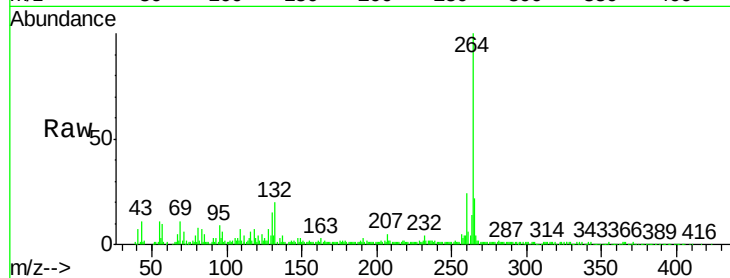
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF104705.D
Acq: 23 Apr 2018 13:21

Instrument :
BNA_F
ClientSampleId :
NORTHLAWN-PRECHAR-AREA-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.9	17.5	26.3

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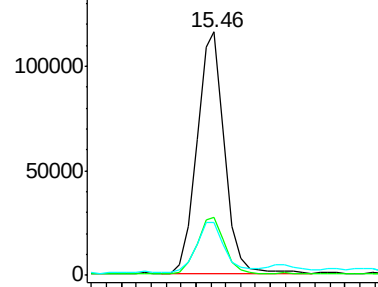


Abundance

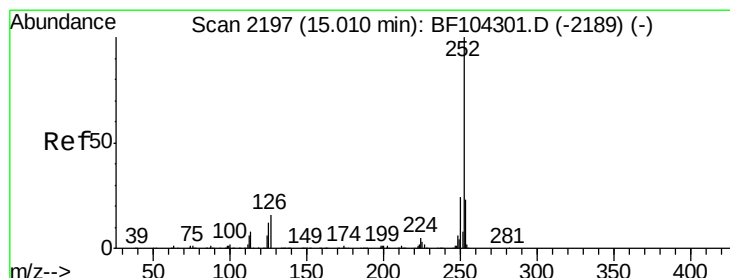
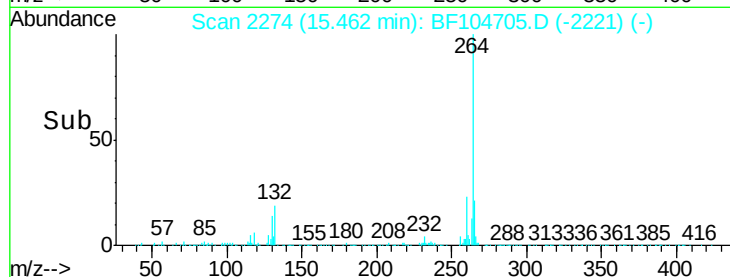
Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

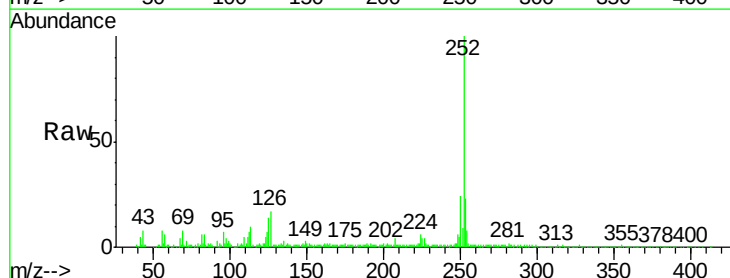


Time-->



#87
Benzo(b)fluoranthene
Concen: 24.434 ng m
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF104705.D
Acq: 23 Apr 2018 13:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	14.0	9.0	13.6

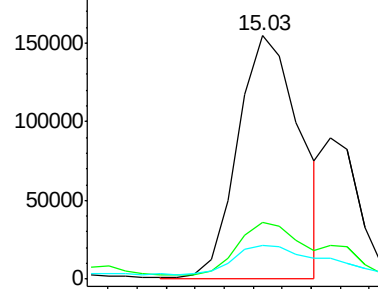


Abundance

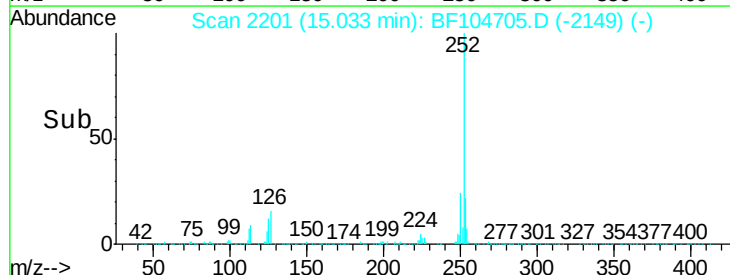
Ion 252.00 (251.70 to 252.70): E

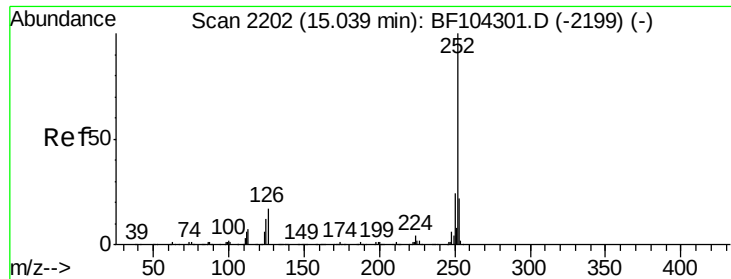
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#88

Benzo(k)fluoranthene

Concen: 8.908 ng/mL

RT: 15.06 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BF104705.D

Acq: 23 Apr 2018 13:21

Instrument :

BNA_F

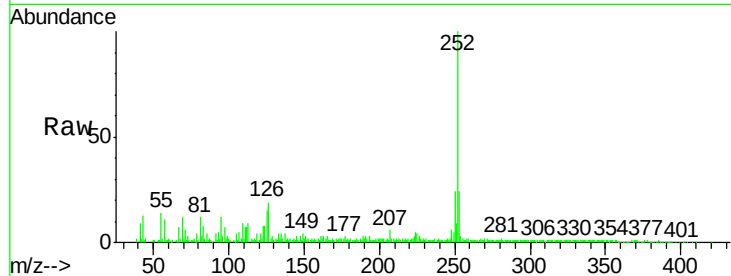
ClientSampleId :

NORTHLAWN-PRECHAR-AREA-1

Tot Ion:	252	Resp:	79551
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.9	26.9
125	15.3	10.2	15.2

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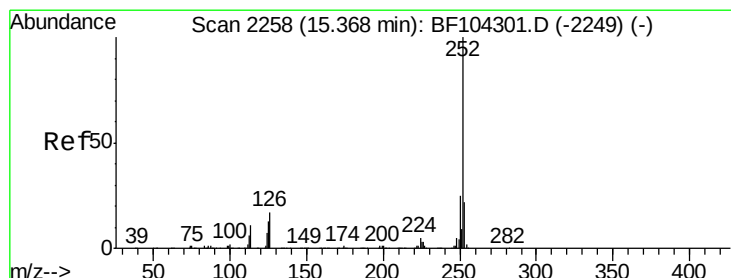
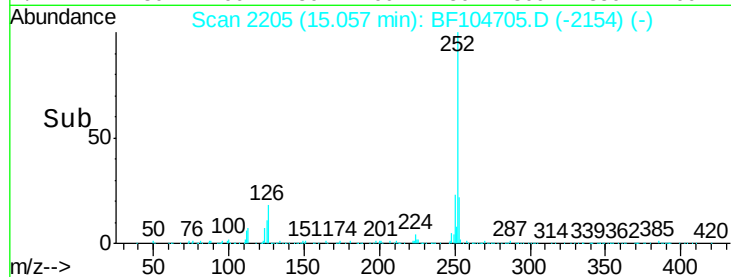
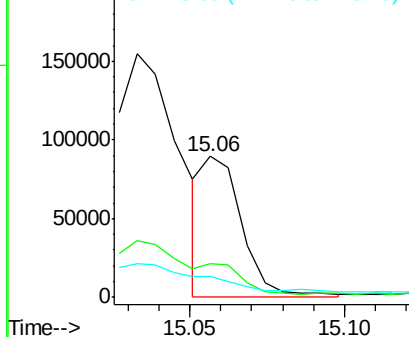


Abundance

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



#89

Benzo(a)pyrene

Concen: 18.570 ng/mL

RT: 15.40 min Scan# 2263

Delta R.T. 0.01 min

Lab File: BF104705.D

Acq: 23 Apr 2018 13:21

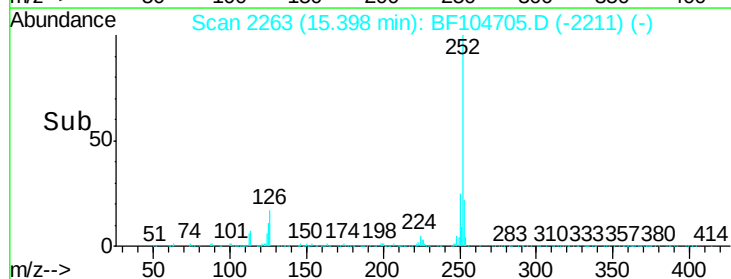
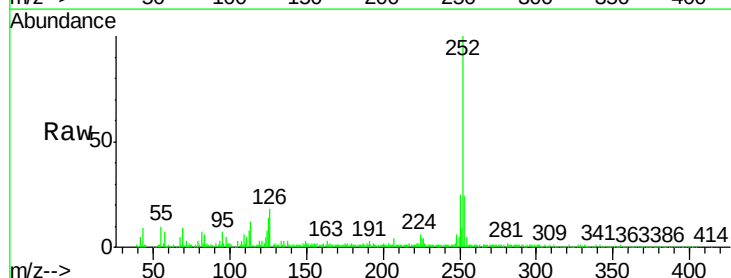
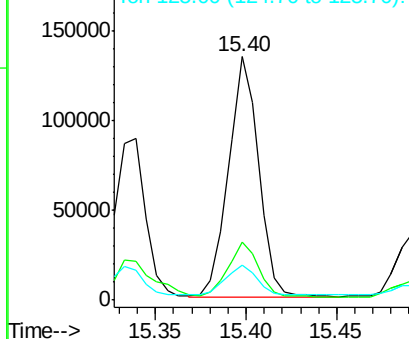
Tgt Ion:	252	Resp:	157173
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.1	25.7
125	14.2	9.8	14.6

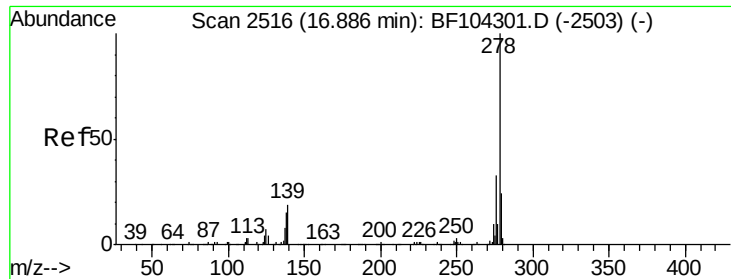
Abundance

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

Dibenzo(a,h)anthracene

Concen: 3.448 ng

RT: 16.93 min Scan# 2524

Delta R.T. 0.01 min

Lab File: BF104705.D

Acq: 23 Apr 2018 13:21

Instrument :

BNA_F

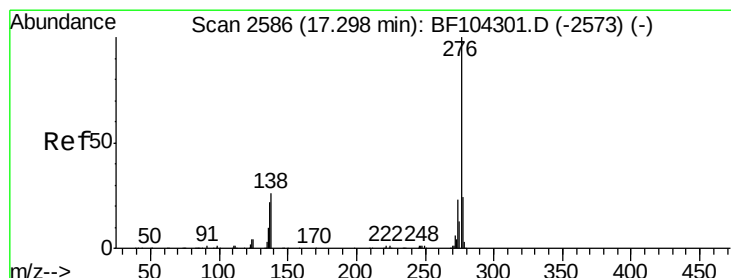
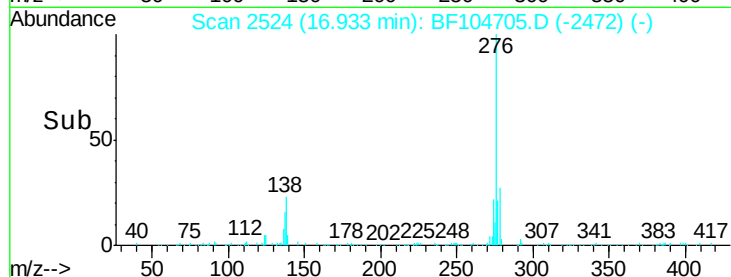
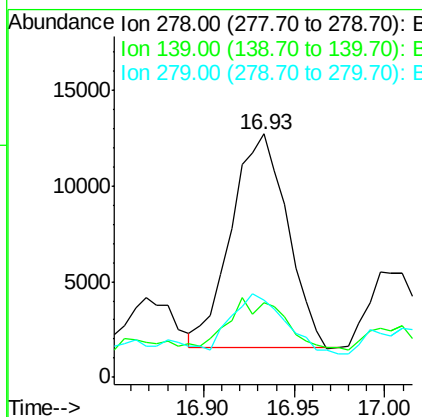
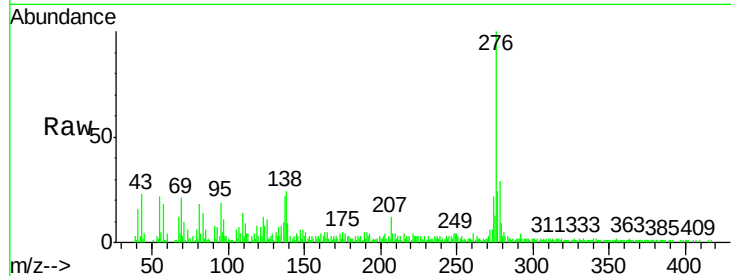
ClientSampleId :

NORTHLAWN-PRECHAR-AREA-1

Tot Ion:	278	Resp:	23966
Ion Ratio	Lower	Upper	
278	100		
139	30.5	15.9	23.9#
279	31.7	19.0	28.4#

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 14.152 ng

RT: 17.37 min Scan# 2598

Delta R.T. 0.02 min

Lab File: BF104705.D

Acq: 23 Apr 2018 13:21

Tgt Ion:	276	Resp:	95307
Ion Ratio	Lower	Upper	
276	100		
277	26.6	17.9	26.9
138	25.4	21.8	32.8

