

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF104982.D
 Acq On : 1 May 2018 14:35
 Operator : JU/SJ
 Sample : J2615-02 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PLANTER-AREAS-PRECHAR

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Quant Time: May 01 16:41:40 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 16:13:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	109428	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	468129	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	214297	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	353739	20.00	ng	0.00
75) Chrysene-d12	14.03	240	232758	20.00	ng	0.05
86) Perylene-d12	15.60	264	228618	20.00	ng	0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	63302	8.85	ng	0.00
7) Phenol-d6	6.43	99	84815	9.65	ng	0.00
23) Nitrobenzene-d5	7.36	82	47646	6.65	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	19419	8.74	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	99155	7.31	ng	0.00
78) Terphenyl-d14	12.91	244	73489	7.20	ng	0.00
Target Compounds						Qvalue
70) Phenanthrene	11.35	178	82432	4.184	ng	98
74) Fluoranthene	12.54	202	153494	7.458	ng	97
77) Pyrene	12.77	202	135004	7.825	ng	97
80) Benzo(a)anthracene	14.02	228	61787	4.443	ng	97
82) Chrysene	14.06	228	60461	4.233	ng	96
85) Indeno(1,2,3-cd)pyrene	17.09	276	28821	2.375	ng	95
87) Benzo(b)fluoranthene	15.17	252	74012m	5.126	ng	
89) Benzo(a)pyrene	15.53	252	49781	3.853	ng	94
91) Benzo(g,h,i)perylene	17.53	276	26542	2.582	ng	97

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

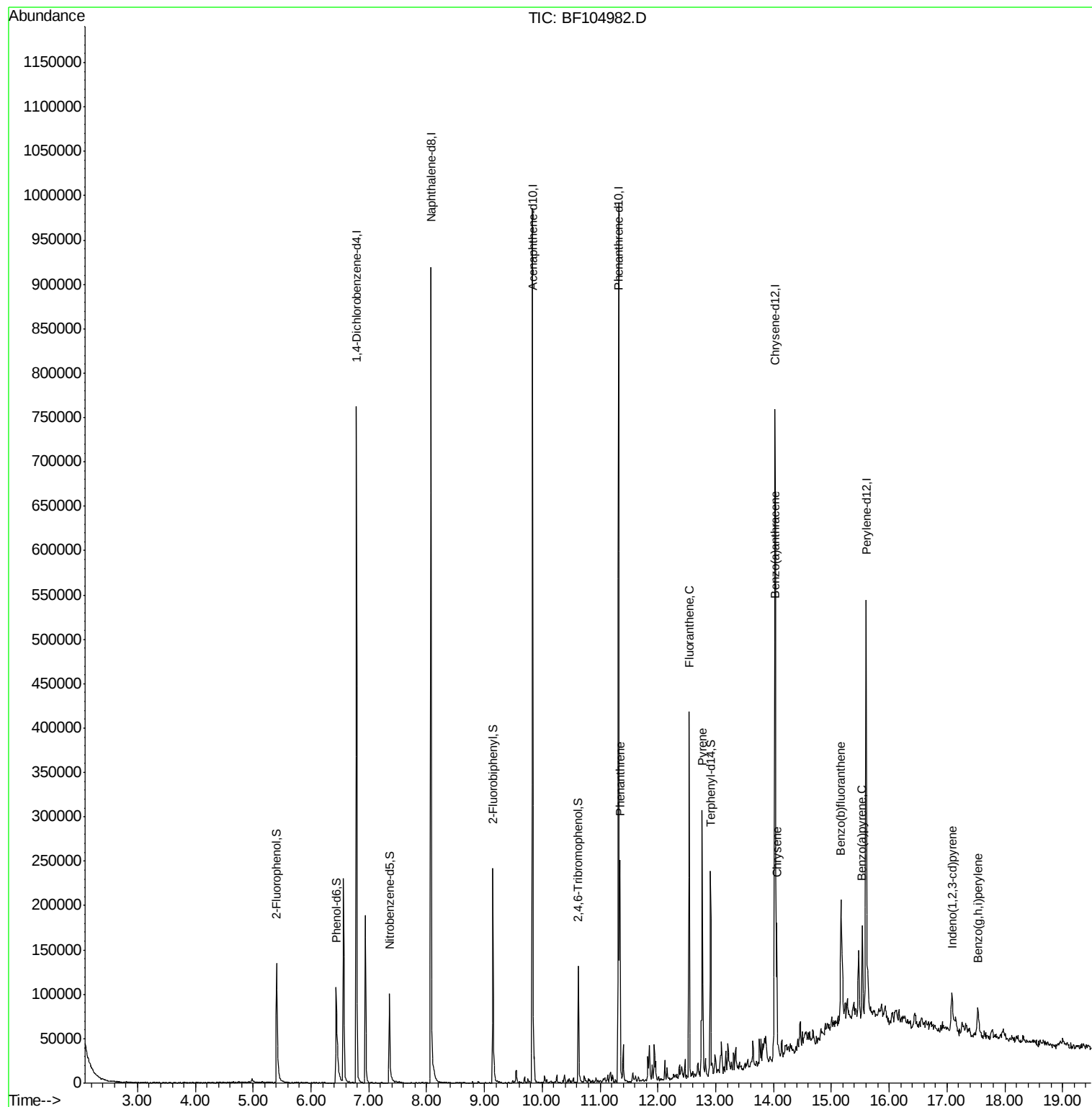
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104982.D
Acq On : 1 May 2018 14:35
Operator : JU/SJ
Sample : J2615-02 10X
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#1

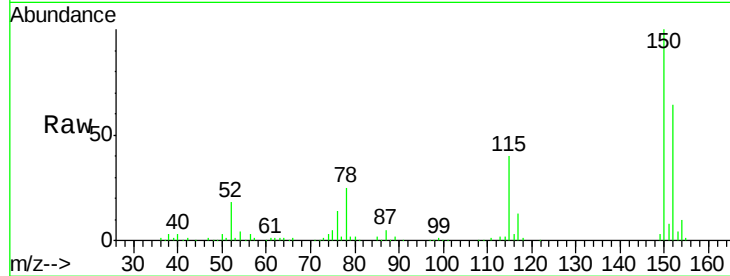
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF104982.D
Acq: 1 May 2018 14:35

Instrument :
BNA_F
ClientSampleId :
PLANTER-AREAS-PRECHAR

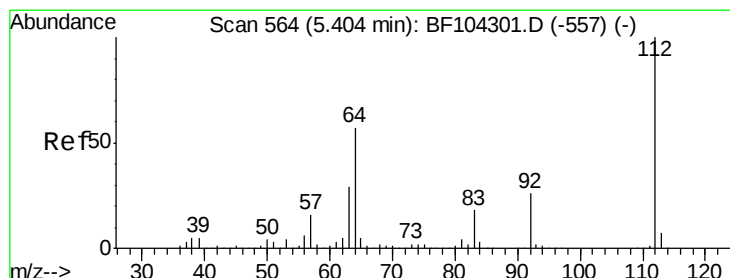
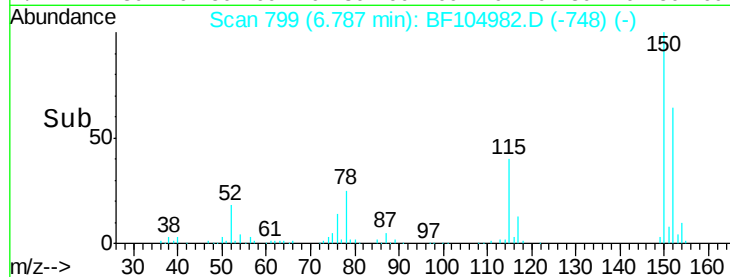
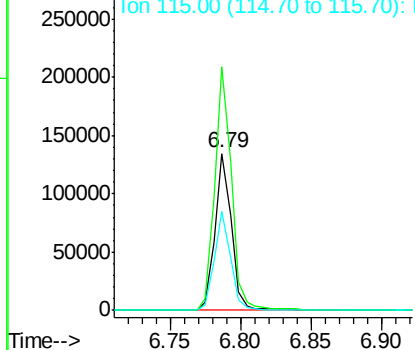
Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	62.9	50.1	75.1

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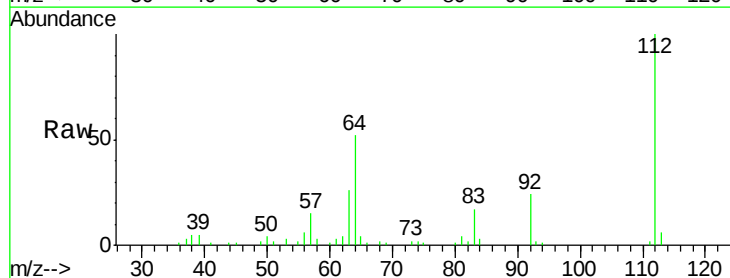
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



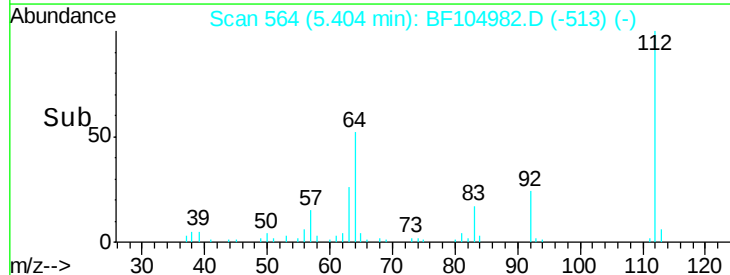
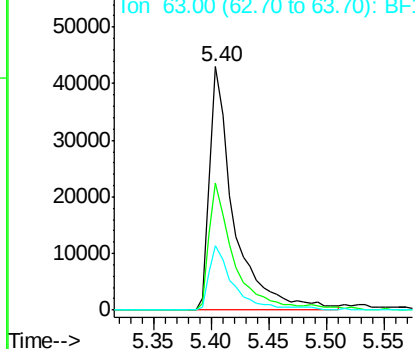
#5

2-Fluorophenol
Concen: 8.845 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF104982.D
Acq: 1 May 2018 14:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.2	47.9	71.9
63	26.3	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: 9.646 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF104982.D

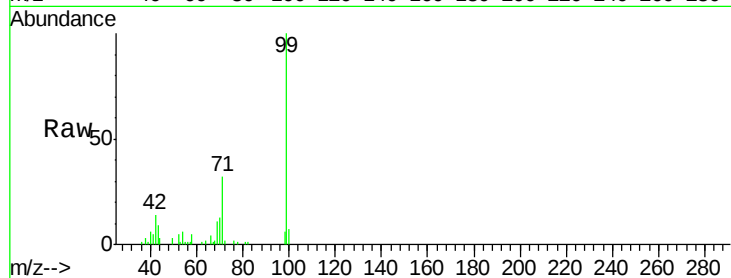
Acq: 1 May 2018 14:35

Instrument :

BNA_F

ClientSampleId :

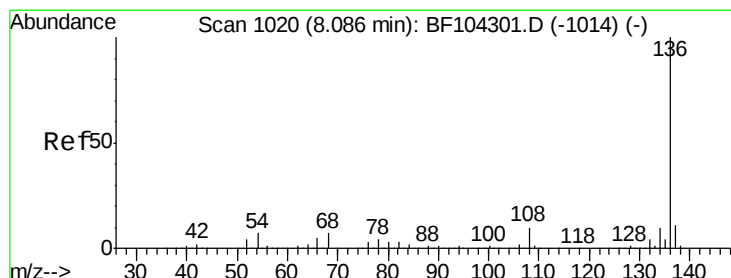
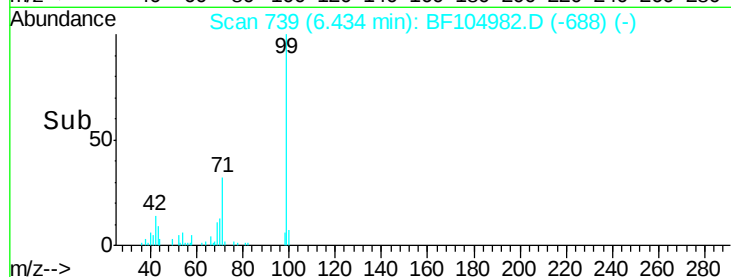
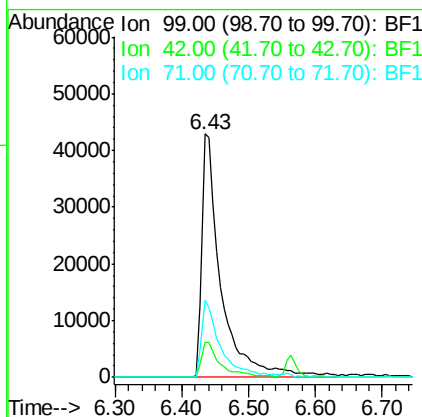
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Tgt Ion:	99	Resp:	84815
Ion Ratio	Lower	Upper	
99	100		
42	14.5	14.5	21.7
71	31.6	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

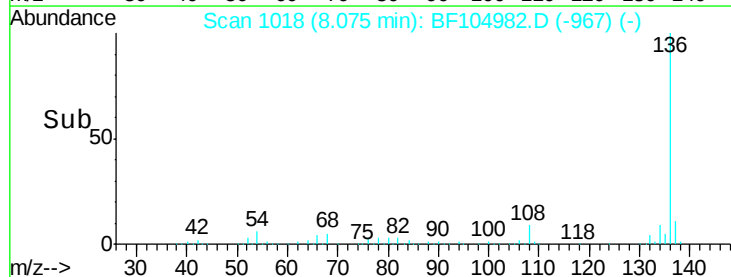
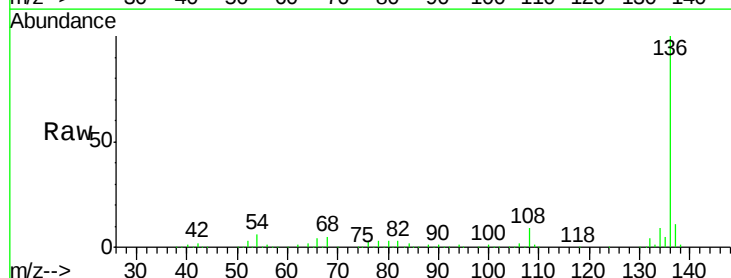
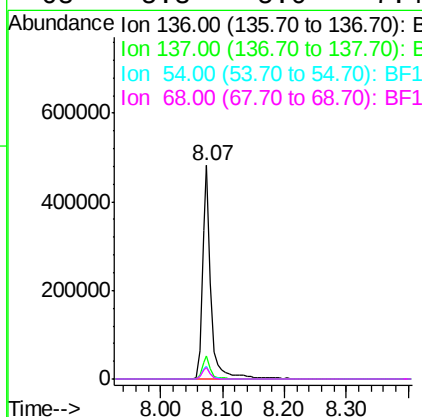
RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF104982.D

Acq: 1 May 2018 14:35

Tgt Ion:	136	Resp:	468129
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.9	13.3
54	6.1	6.6	9.8#
68	5.3	5.0	7.4





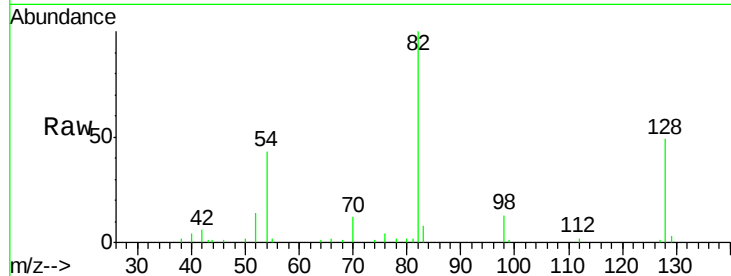
#23
 Nitrobenzene-d5
 Concen: 6.646 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF104982.D
 Acq: 1 May 2018 14:35

Instrument :
 BNA_F
 ClientSampleId :
 PLANTER-AREAS-PRECHAR

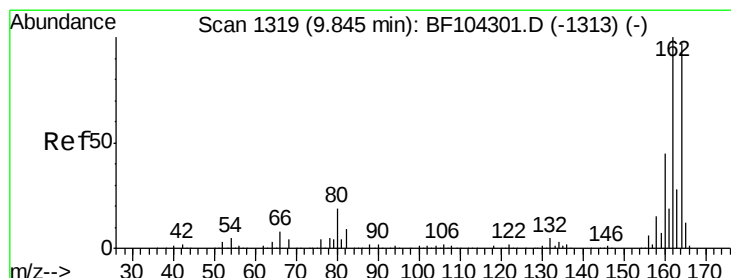
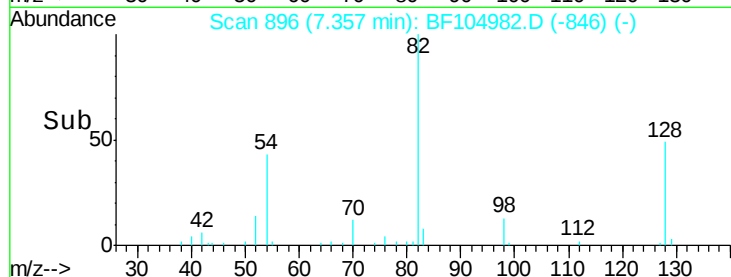
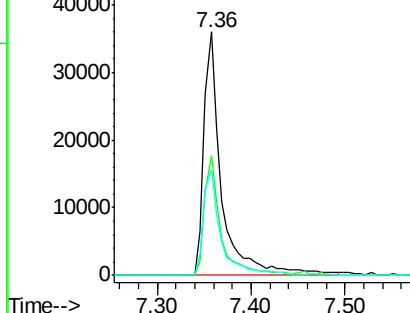
Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.2	36.1	54.1
54	43.1	41.4	62.2

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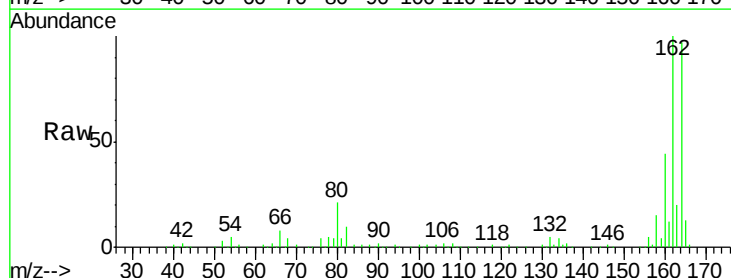


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

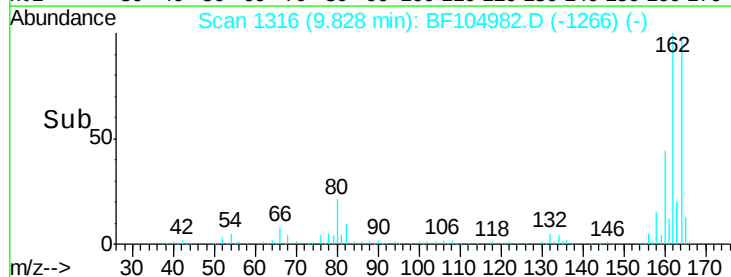
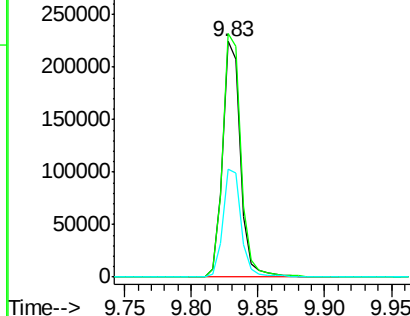


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF104982.D
 Acq: 1 May 2018 14:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	45.8	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 8.736 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BF104982.D

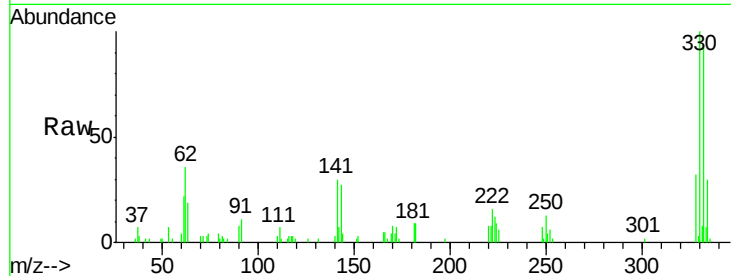
Acq: 1 May 2018 14:35

Instrument :

BNA_F

ClientSampleId :

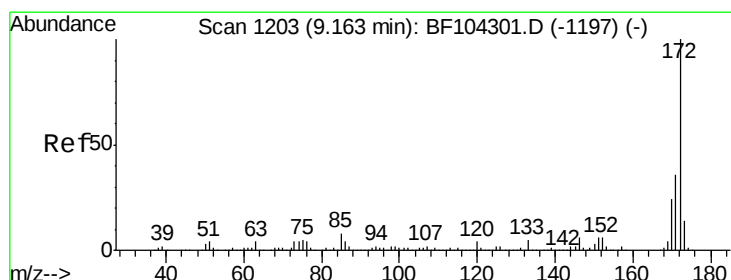
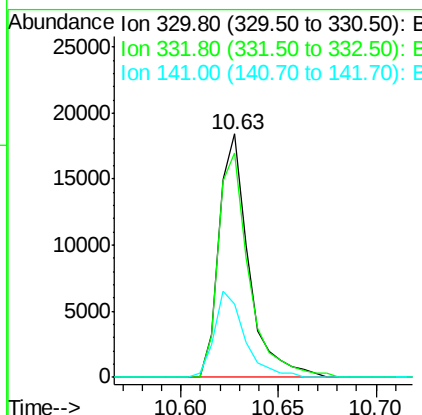
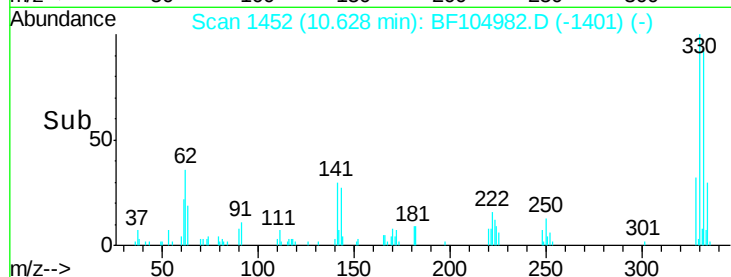
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Tgt Ion:	330	Resp:	19419
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.0	115.6
141	36.4	29.9	44.9

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#44

2-Fluorobiphenyl

Concen: 7.309 ng

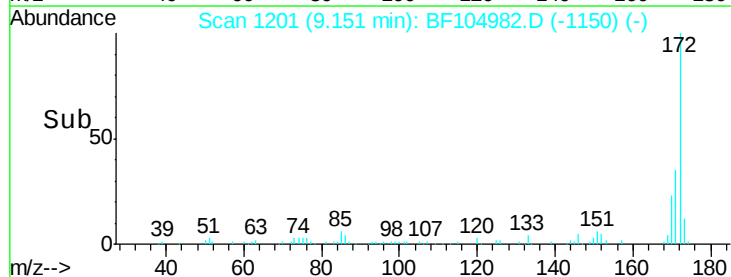
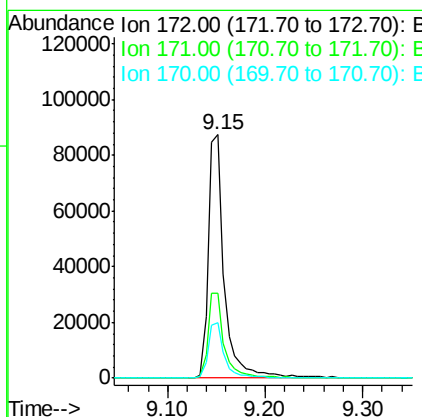
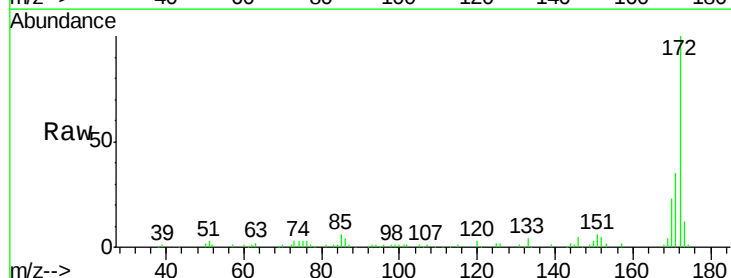
RT: 9.15 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF104982.D

Acq: 1 May 2018 14:35

Tgt Ion:	172	Resp:	99155
Ion Ratio	Lower	Upper	
172	100		
171	34.9	29.7	44.5
170	22.9	19.6	29.4





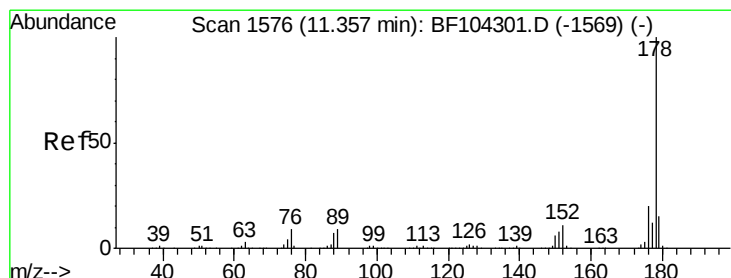
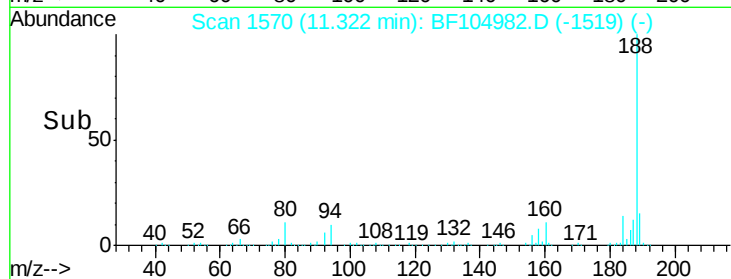
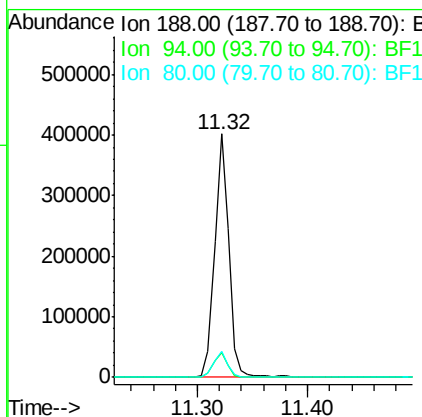
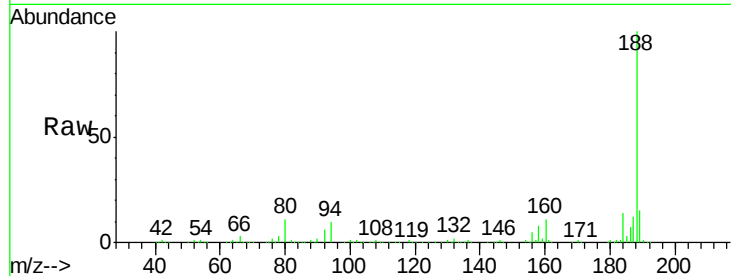
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF104982.D
Acq: 1 May 2018 14:35

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
188	100	353739		
94	10.4		8.5	12.7
80	10.9		9.2	13.8

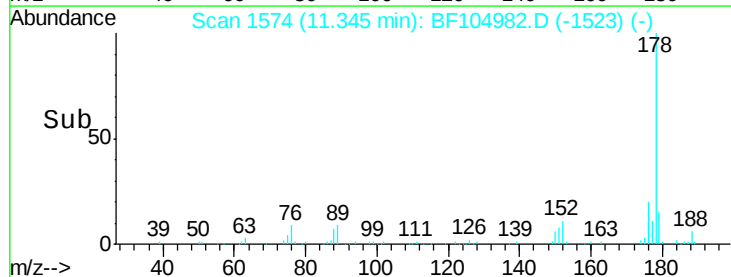
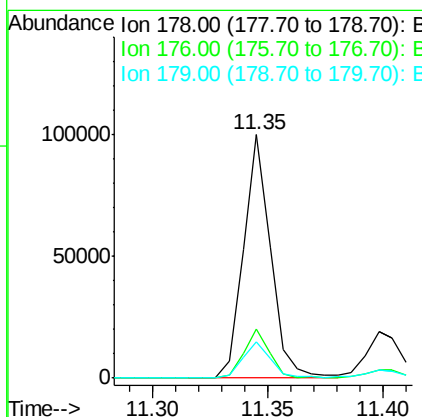
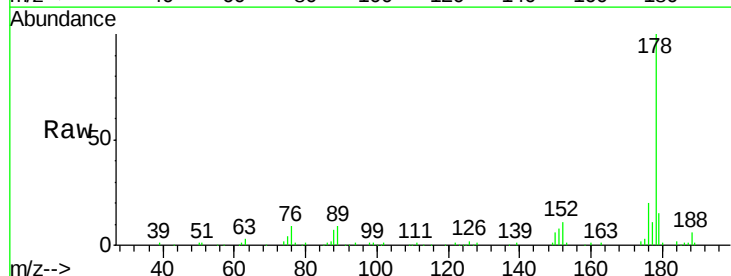
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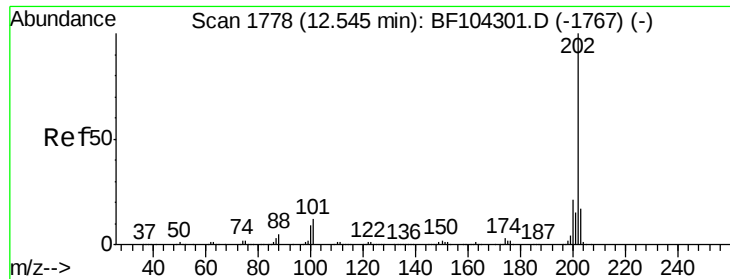
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#70
Phenanthrene
Concen: 4.184 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF104982.D
Acq: 1 May 2018 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	82432		
176	20.0		15.8	23.8
179	15.0		13.0	19.6





#74

Fluoranthene

Concen: 7.458 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF104982.D

Acq: 1 May 2018 14:35

Instrument :

BNA_F

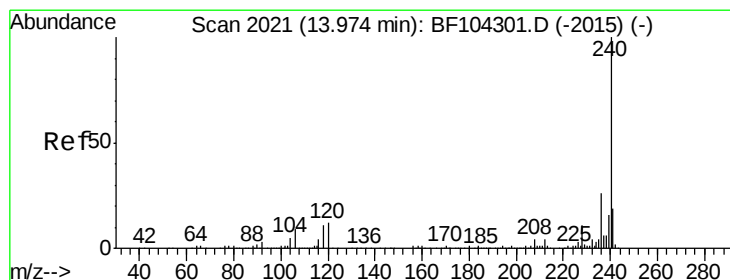
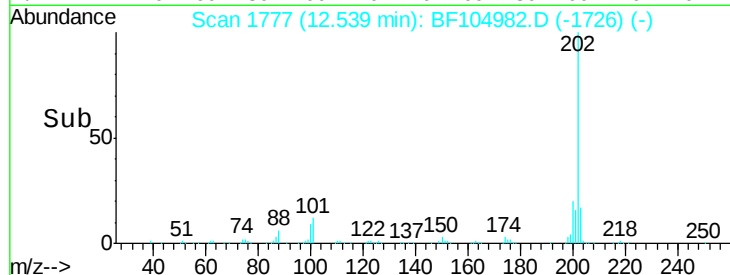
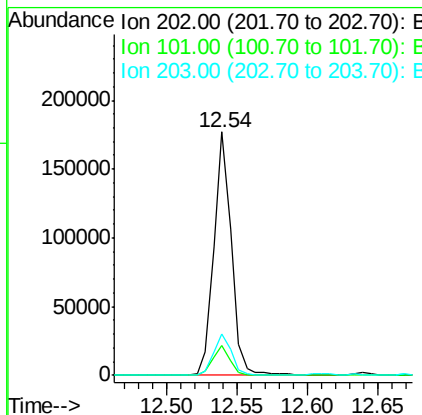
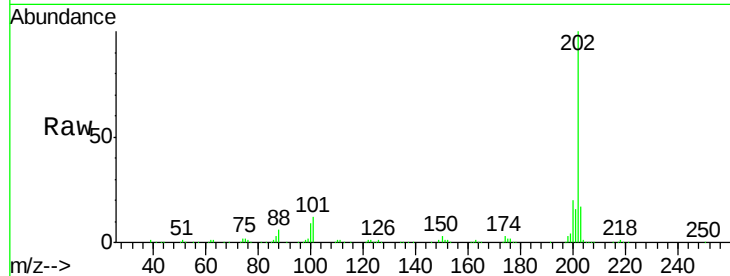
ClientSampleId :

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Tgt Ion:	202	Resp:	153494
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	34.1
203	17.2	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

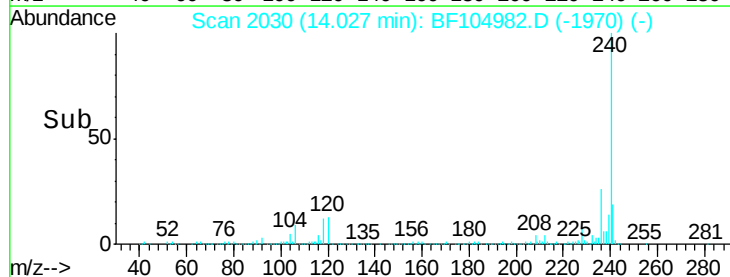
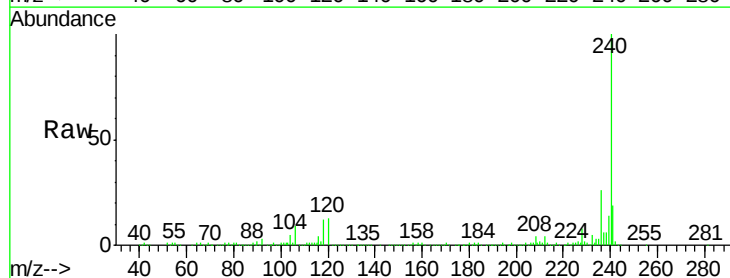
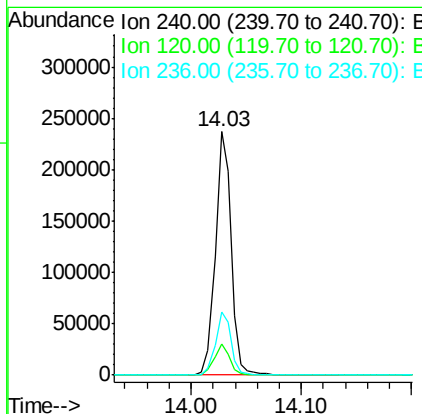
RT: 14.03 min Scan# 2030

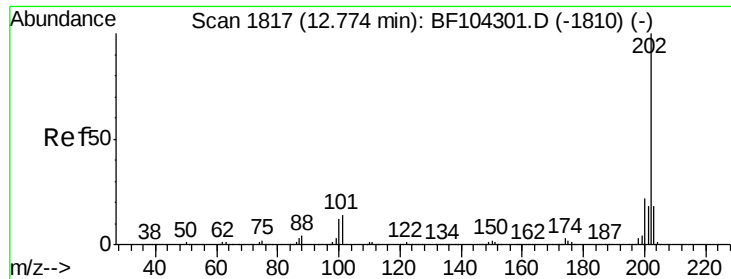
Delta R.T. 0.05 min

Lab File: BF104982.D

Acq: 1 May 2018 14:35

Tgt Ion:	240	Resp:	232758
Ion Ratio	Lower	Upper	
240	100		
120	13.0	9.5	14.3
236	25.9	20.7	31.1





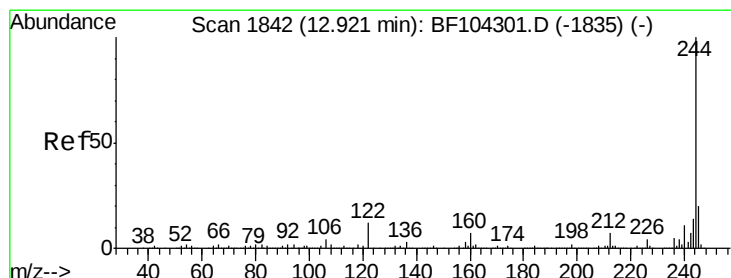
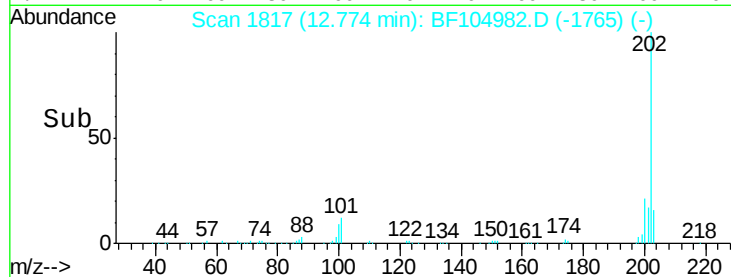
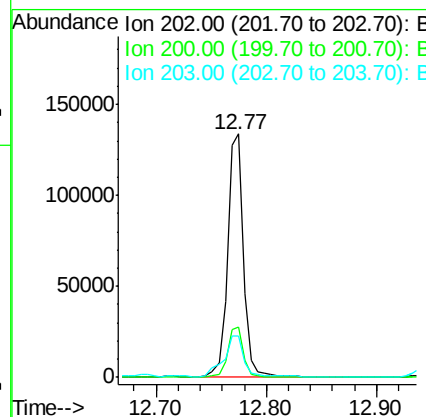
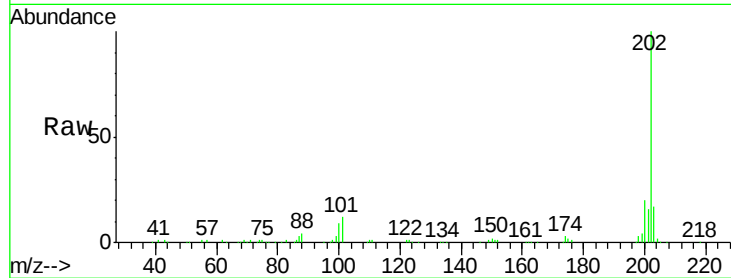
#77
 Pyrene
 Concen: 7.825 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. 0.01 min
 Lab File: BF104982.D
 Acq: 1 May 2018 14:35

Instrument :
 BNA_F
 ClientSampleId :
 PLANTER-AREAS-PRECHAR

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	135004		
200	20.5		17.4	26.2
203	16.9		14.3	21.5

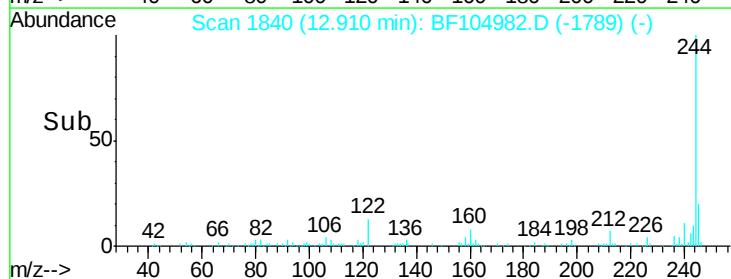
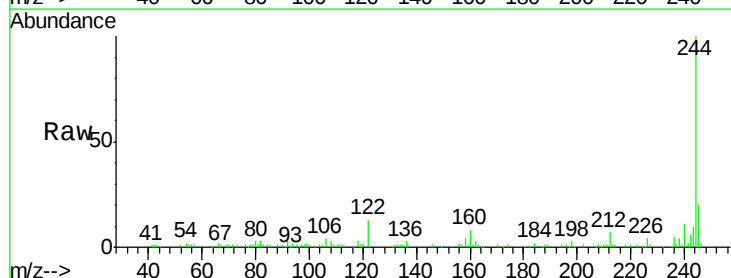
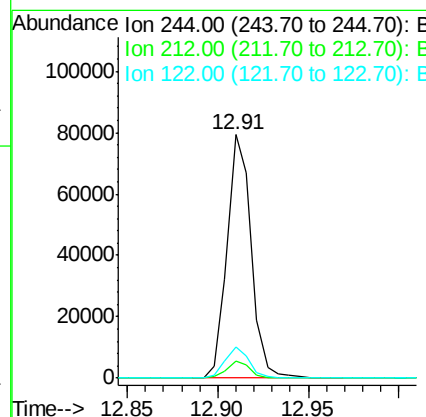
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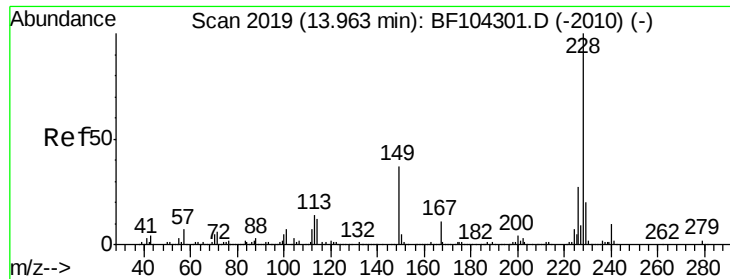
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#78
 Terphenyl-d14
 Concen: 7.198 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF104982.D
 Acq: 1 May 2018 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	73489		
212	6.9		5.4	8.0
122	12.6		11.0	16.4





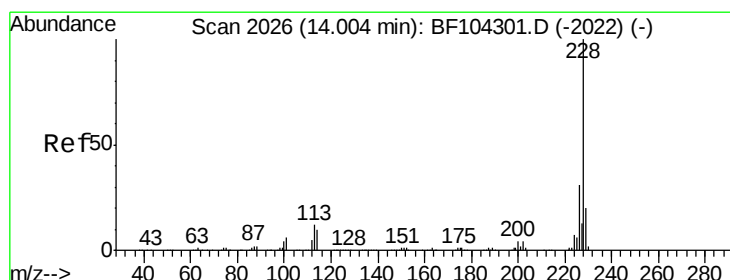
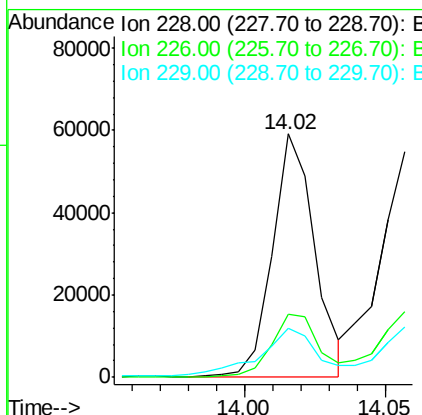
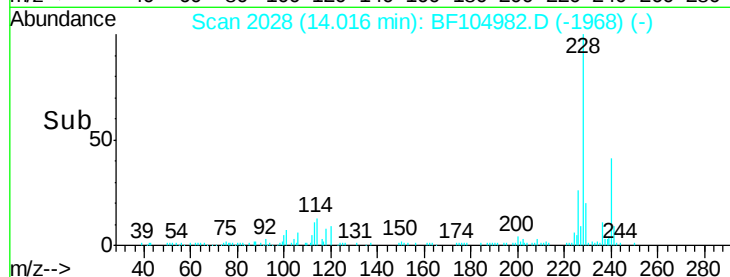
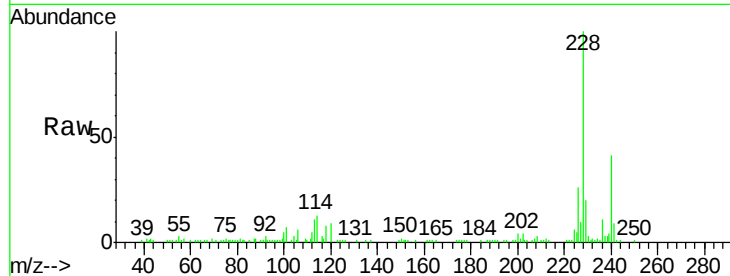
#80
Benzo(a)anthracene
Concen: 4.443 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.05 min
Lab File: BF104982.D
Acq: 1 May 2018 14:35

Instrument :
BNA_F
ClientSampleId :
PLANTER-AREAS-PRECHAR

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.1	22.6	33.8
229	19.9	15.8	23.6

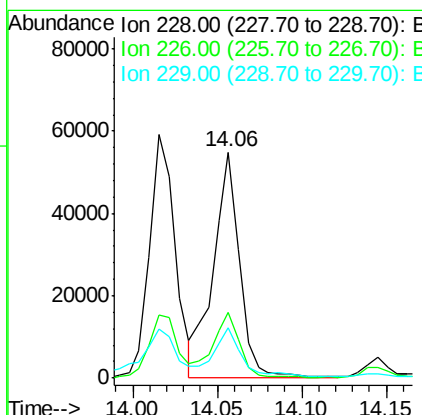
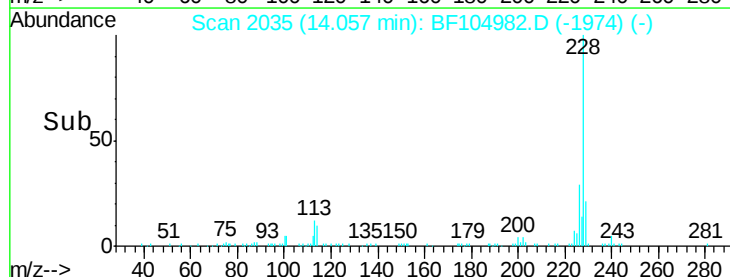
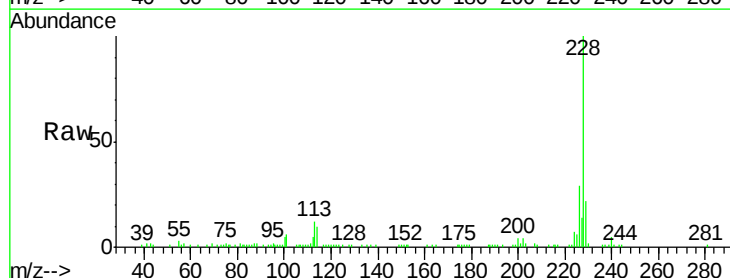
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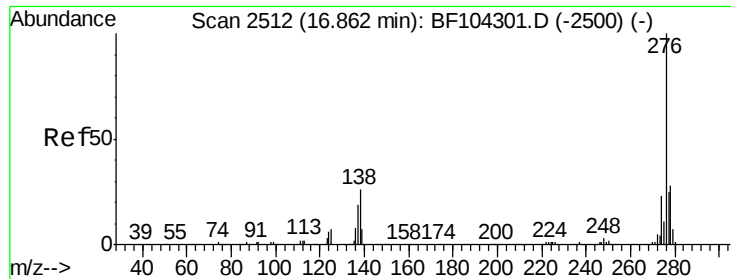
Sohil
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#82
Chrysene
Concen: 4.233 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.06 min
Lab File: BF104982.D
Acq: 1 May 2018 14:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.0	37.6
229	22.2	16.2	24.4





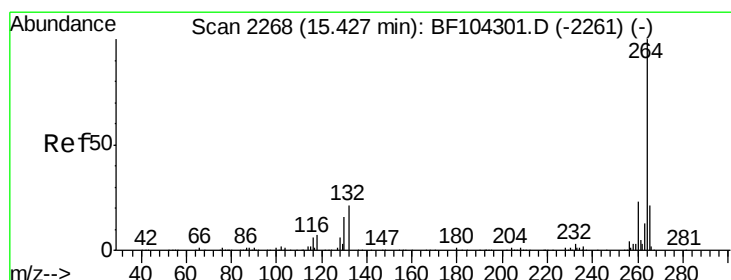
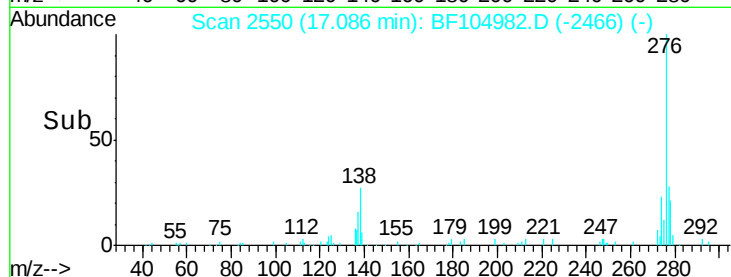
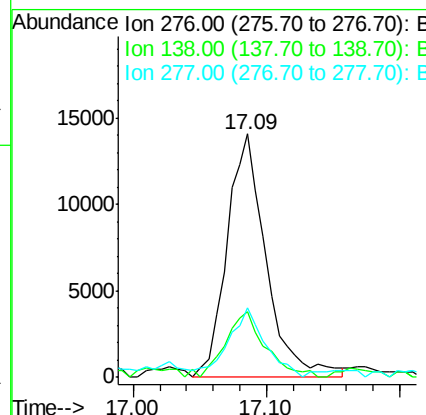
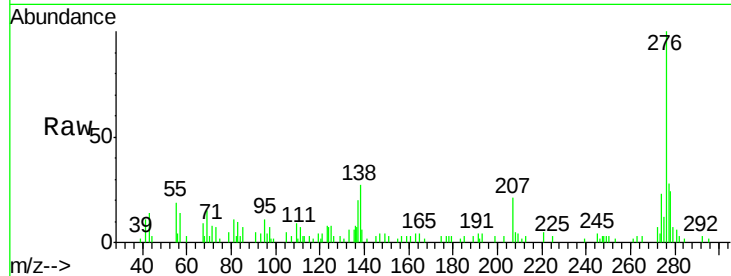
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.375 ng
 RT: 17.09 min Scan# 2550
 Delta R.T. 0.19 min
 Lab File: BF104982.D
 Acq: 1 May 2018 14:35

Instrument :
 BNA_F
 ClientSampleId :
 PLANTER-AREAS-PRECHAR

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.0	25.0	37.6
277	27.1	20.1	30.1

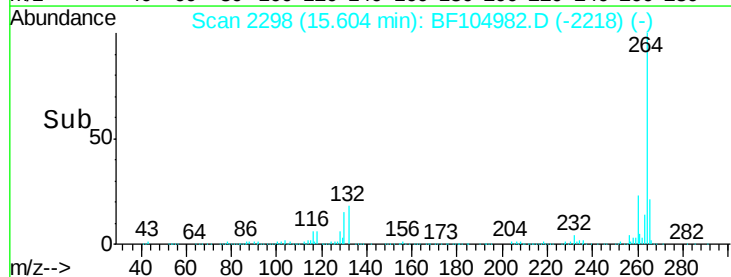
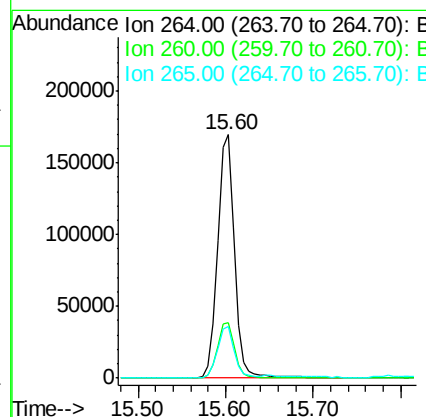
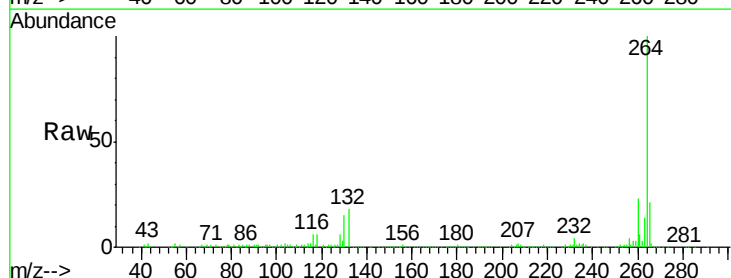
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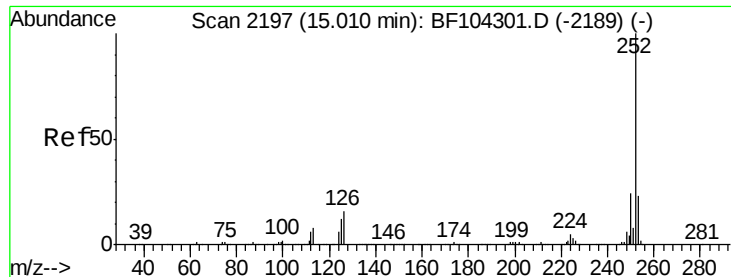
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.60 min Scan# 2298
 Delta R.T. 0.17 min
 Lab File: BF104982.D
 Acq: 1 May 2018 14:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.4	17.5	26.3





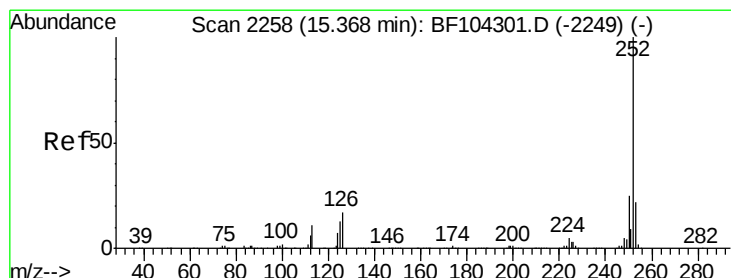
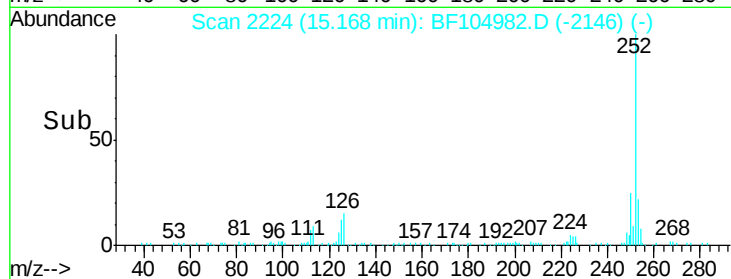
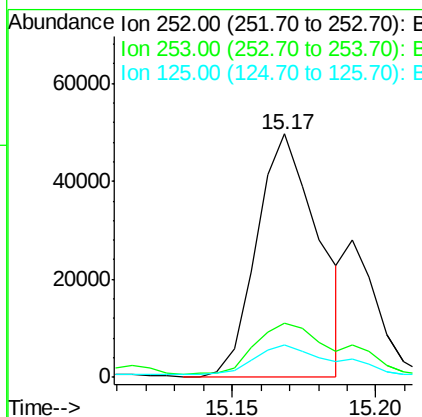
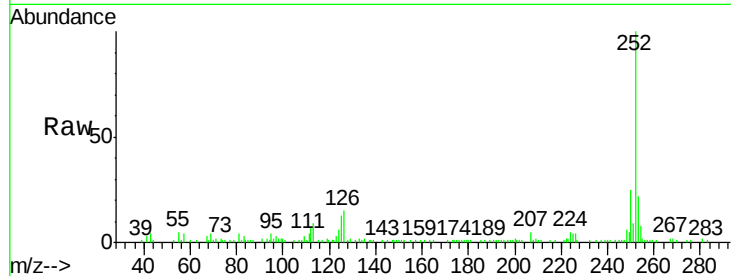
#87
Benzo(b)fluoranthene
Concen: 5.126 ng m
RT: 15.17 min Scan# 2224
Delta R.T. 0.16 min
Lab File: BF104982.D
Acq: 1 May 2018 14:35

Instrument :
BNA_F
ClientSampleId :
PLANTER-AREAS-PRECHAR

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	13.4	9.0	13.6

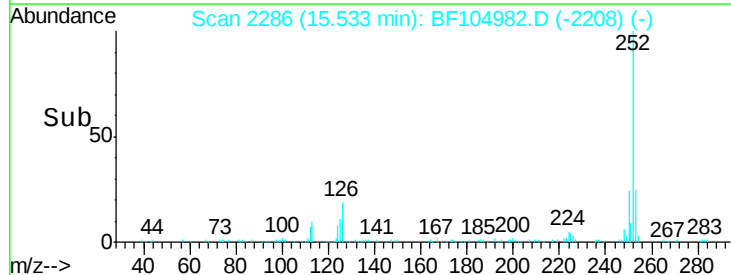
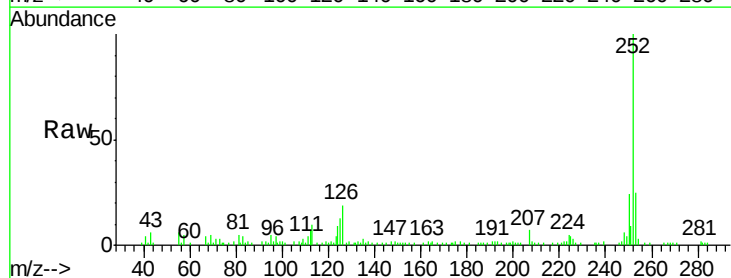
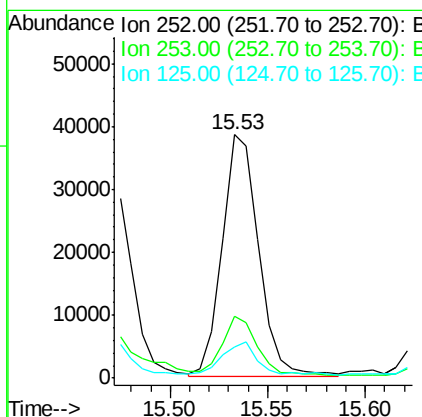
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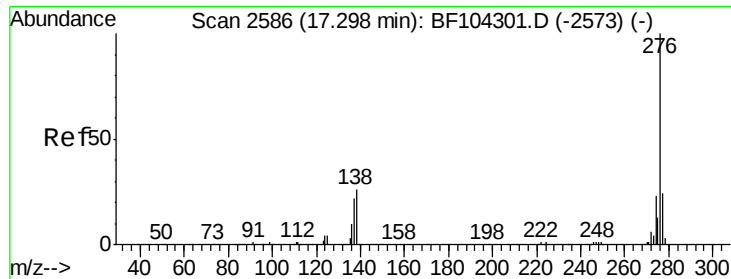
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#89
Benzo(a)pyrene
Concen: 3.853 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.16 min
Lab File: BF104982.D
Acq: 1 May 2018 14:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.1	25.7
125	12.9	9.8	14.6





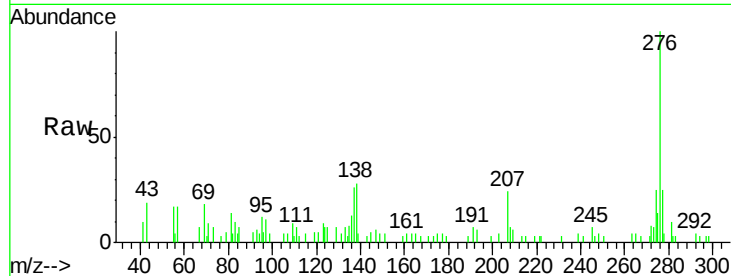
#91
 Benzo(g,h,i)perylene
 Concen: 2.582 ng
 RT: 17.53 min Scan# 2626
 Delta R.T. 0.19 min
 Lab File: BF104982.D
 Acq: 1 May 2018 14:35

Instrument :
 BNA_F
 ClientSampleId :
 PLANTER-AREAS-PRECHAR

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.4	17.9	26.9
138	27.5	21.8	32.8

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

