

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
 Data File : BF104839.D
 Acq On : 26 Apr 2018 16:14
 Operator : JU/SJ
 Sample : J2525-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IM-TS-SJAP-06

Manual Integrations
 APPROVED

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 4/27/2018 6:58:34 PM

Quant Time: Apr 27 09:34:29 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	114051	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	475054	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	199138	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	298533	20.00	ng	0.00
75) Chrysene-d12	14.01	240	240570	20.00	ng	0.02
86) Perylene-d12	15.54	264	212914	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	593629	79.59	ng	0.00
7) Phenol-d6	6.44	99	717043	78.24	ng	0.00
23) Nitrobenzene-d5	7.36	82	439798	60.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	153213	74.17	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	748466	59.38	ng	0.00
78) Terphenyl-d14	12.92	244	486016	46.06	ng	0.00
Target Compounds						
22) Acetophenone	7.20	105	36096	3.086	ng	Qvalue # 91
49) Dimethylphthalate	9.55	163	48229	3.071	ng	99
74) Fluoranthene	12.54	202	42349	2.438	ng	95
77) Pyrene	12.77	202	36849	2.066	ng	100

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

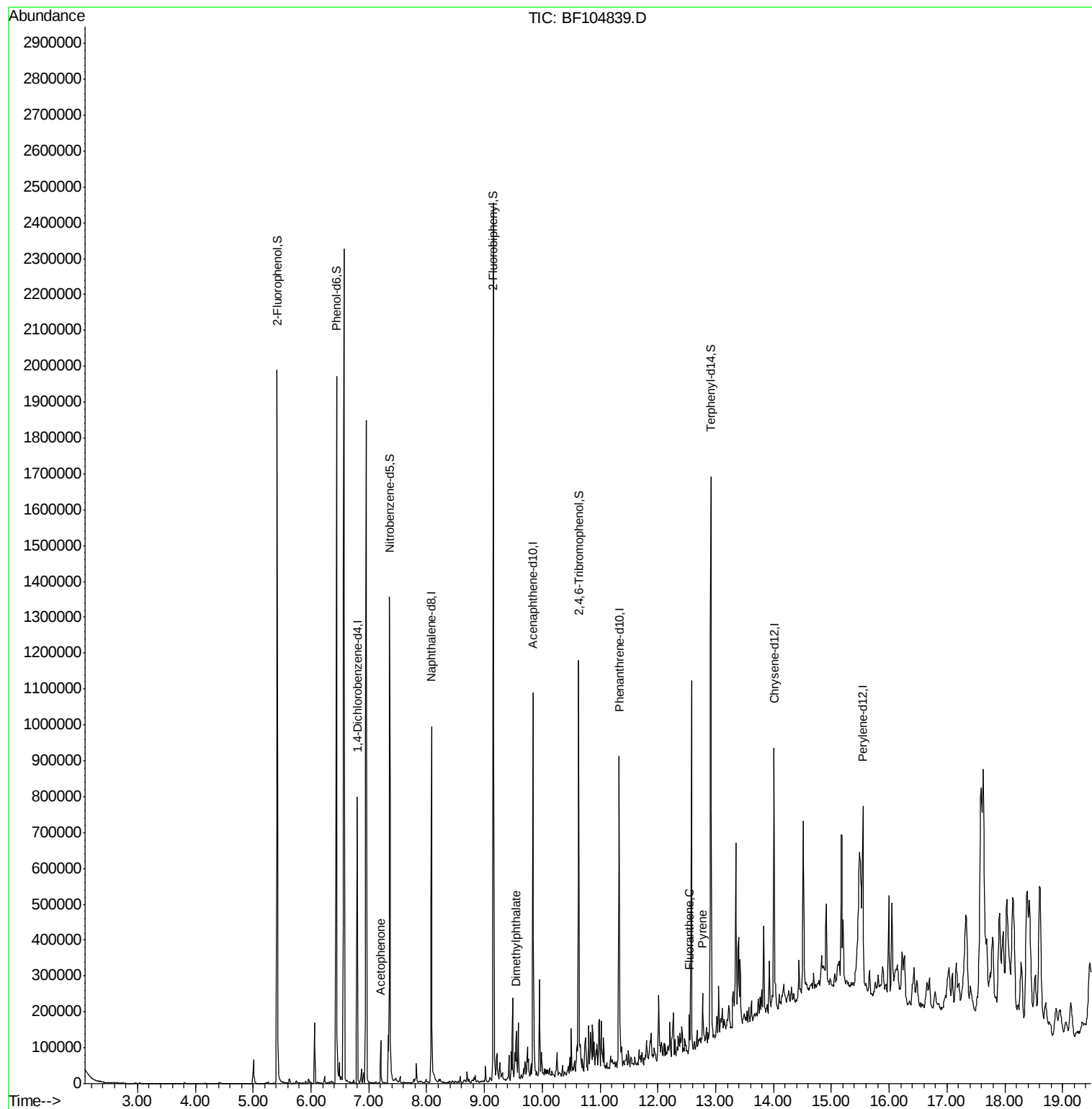
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
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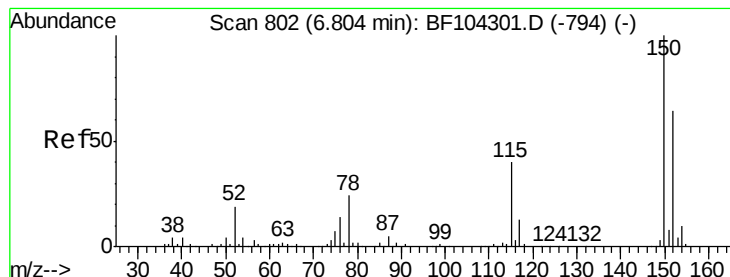
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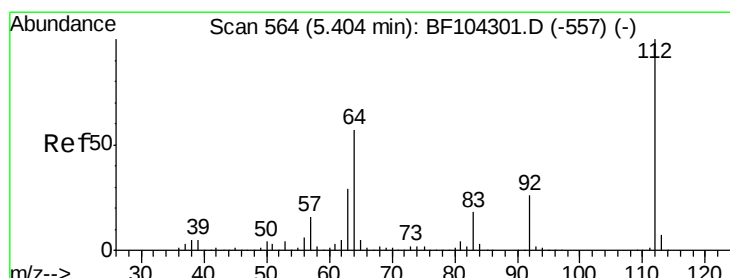
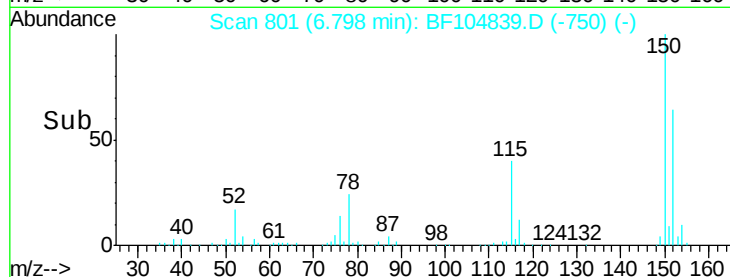
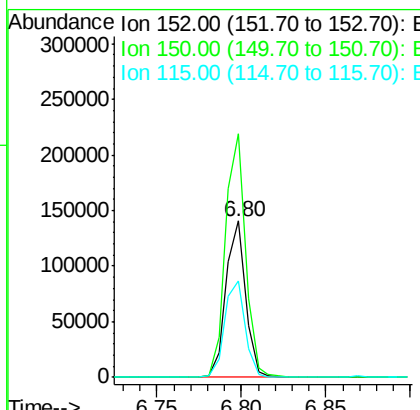
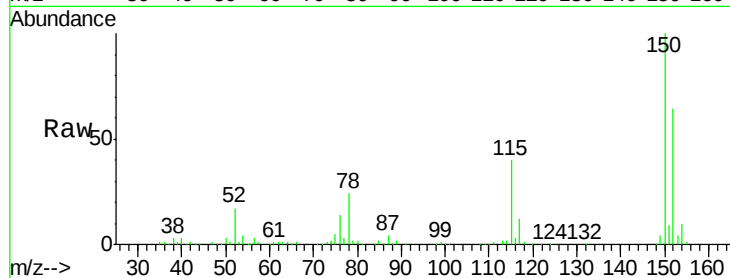
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF104839.D
 Acq: 26 Apr 2018 16:14

Instrument :
 BNA_F
 ClientSampleId :
 IM-TS-SJAP-06

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	61.5	50.1	75.1

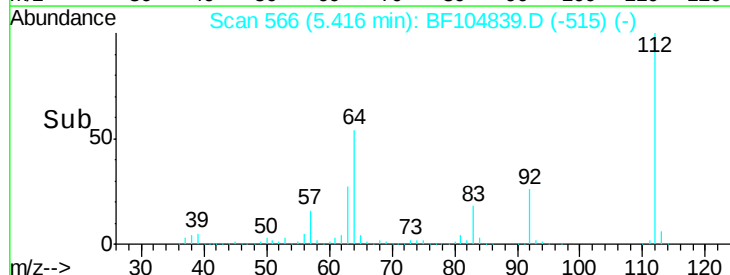
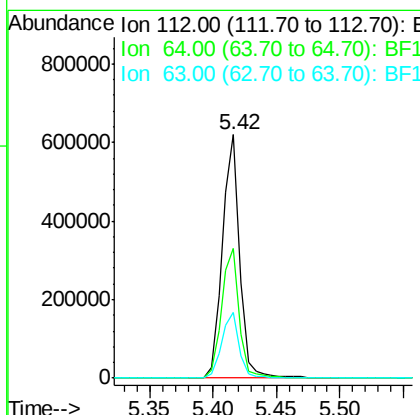
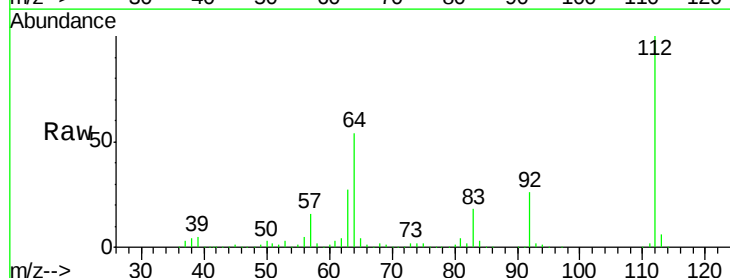
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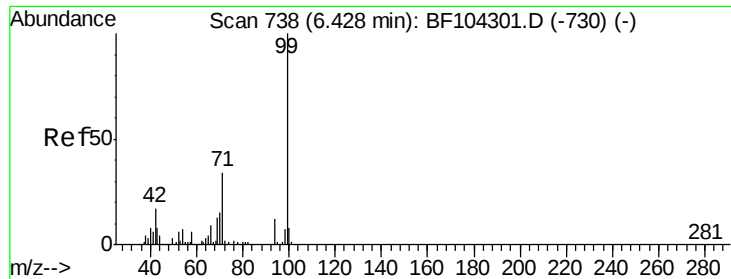
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#5
 2-Fluorophenol
 Concen: 79.586 ng
 RT: 5.42 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF104839.D
 Acq: 26 Apr 2018 16:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	47.9	71.9
63	27.1	23.7	35.5





#7

Phenol-d6

Concen: 78.241 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104839.D

Acq: 26 Apr 2018 16:14

Instrument :

BNA_F

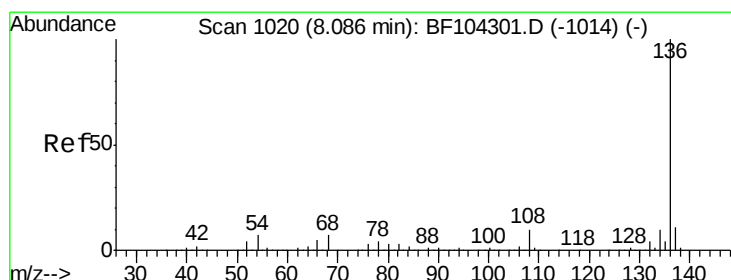
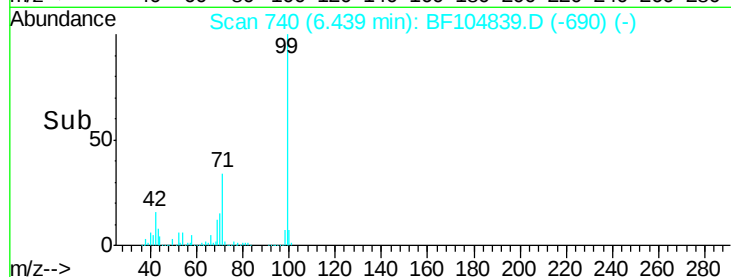
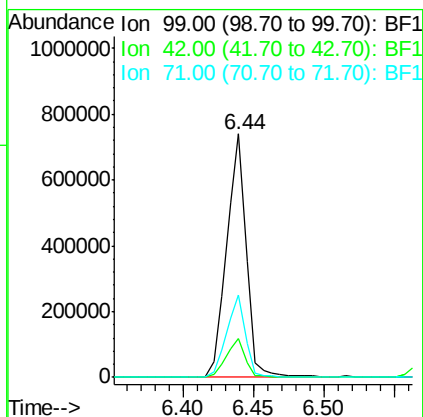
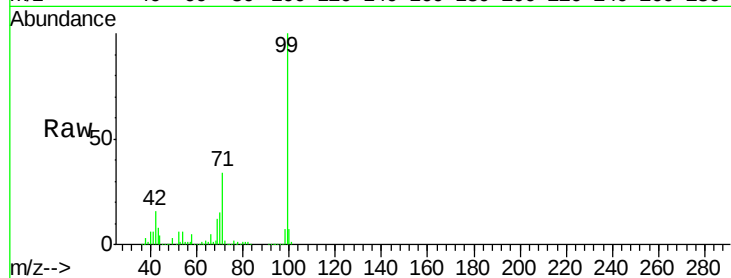
ClientSampleId :

IM-TS-SJAP-06

Tot Ion:	99	Resp:	717043
Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.5	21.7
71	34.1	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

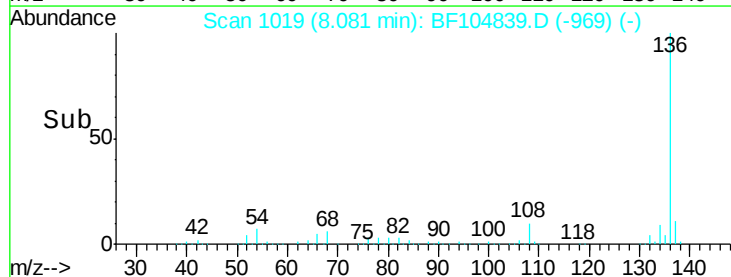
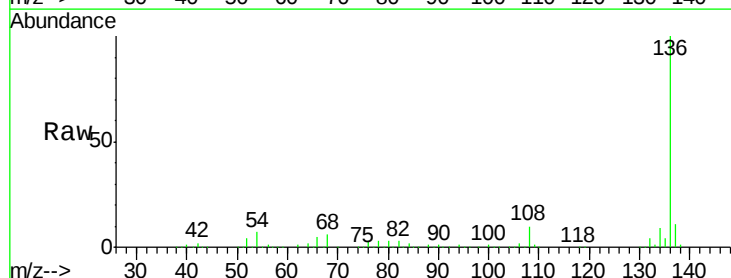
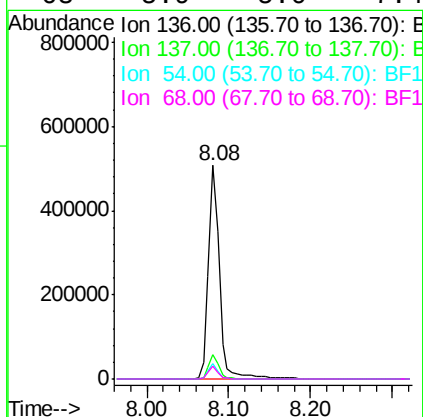
RT: 8.08 min Scan# 1019

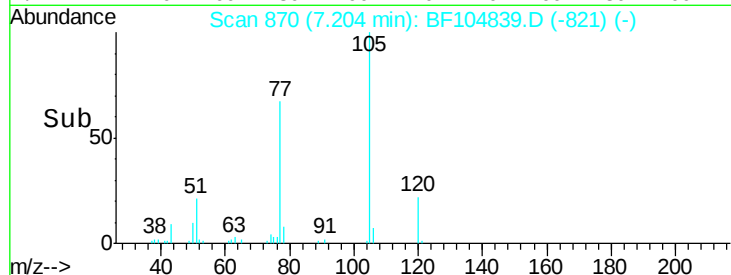
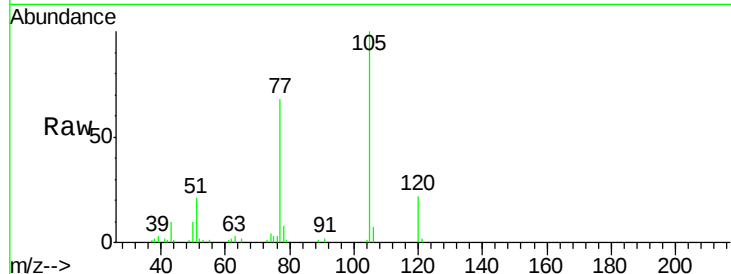
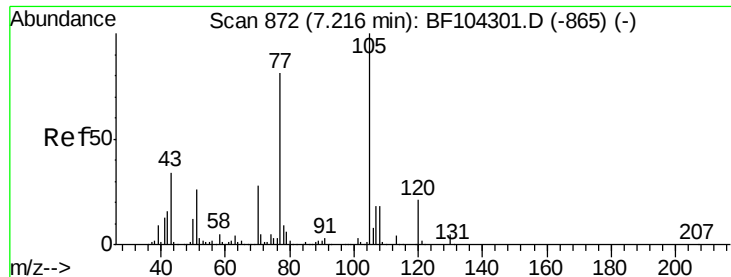
Delta R.T. -0.01 min

Lab File: BF104839.D

Acq: 26 Apr 2018 16:14

Tgt Ion:	136	Resp:	475054
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.0	6.6	9.8
68	5.9	5.0	7.4





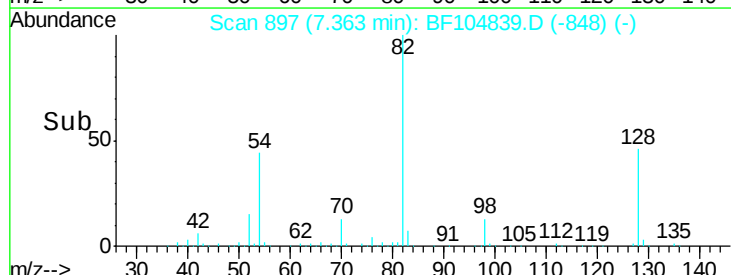
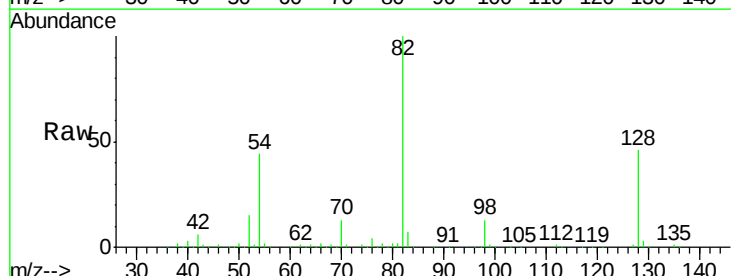
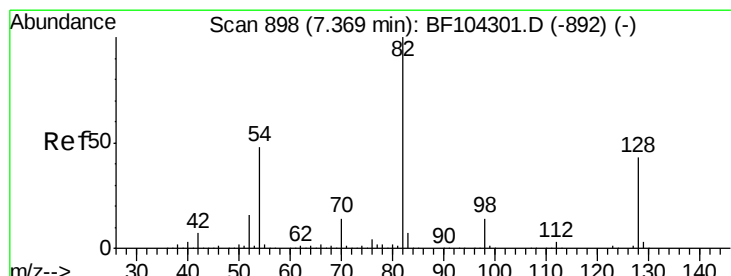
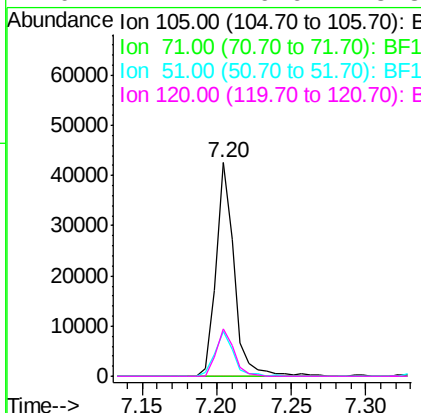
#22
Acetophenone
Concen: 3.086 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF104839.D
Acq: 26 Apr 2018 16:14

Tot Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.4	6.6#
51	21.3	22.3	33.5#
120	22.4	16.9	25.3

Instrument :
BNA_F
ClientSampleId :
IM-TS-SJAP-06

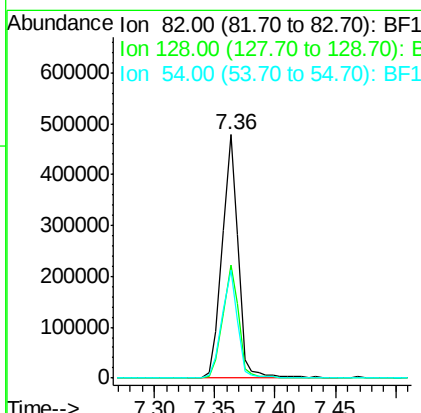
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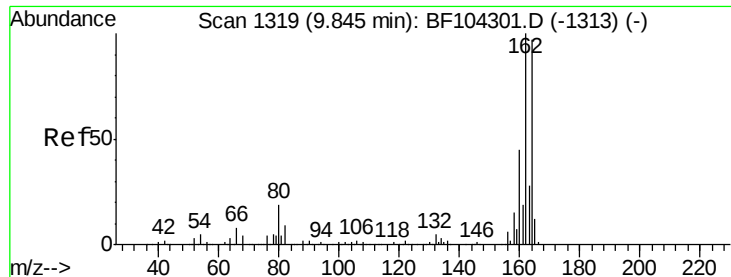
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#23
Nitrobenzene-d5
Concen: 60.452 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104839.D
Acq: 26 Apr 2018 16:14

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	44.1	41.4	62.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF104839.D

Acq: 26 Apr 2018 16:14

Instrument :

BNA_F

ClientSampleId :

IM-TS-SJAP-06

Tot Ion:164 Resp: 199138

Ion Ratio Lower Upper

164 100

162 107.3 86.1 129.1

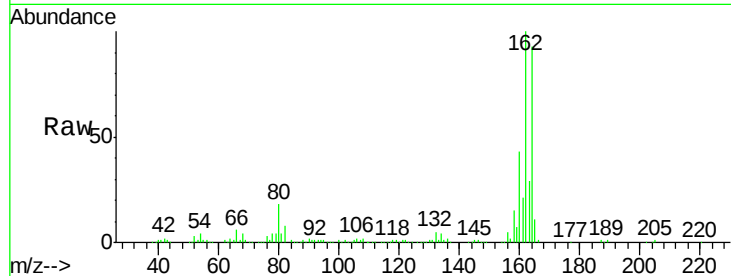
160 46.3 38.3 57.5

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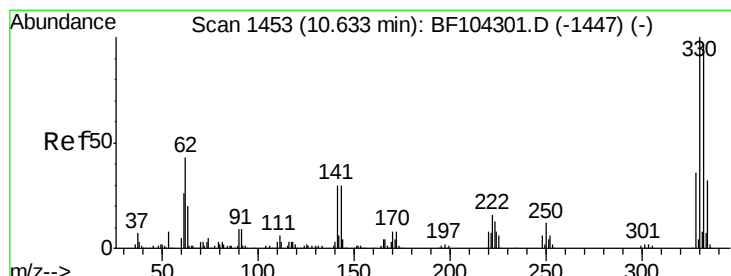
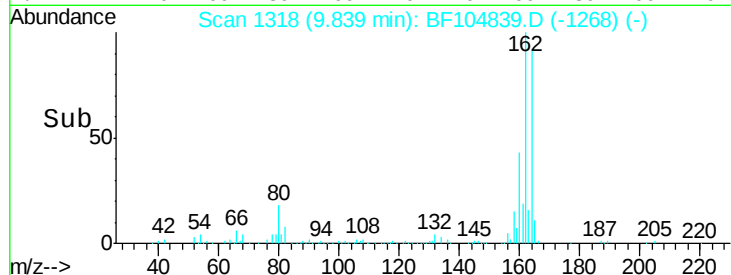
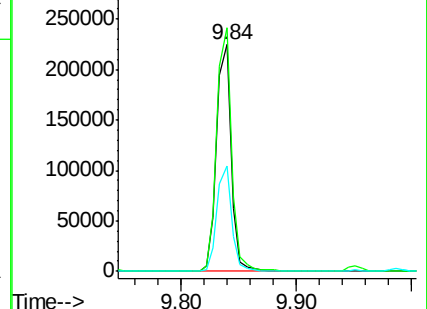
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 74.170 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF104839.D

Acq: 26 Apr 2018 16:14

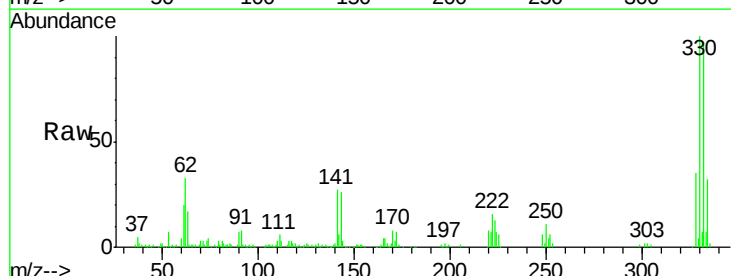
Tgt Ion:330 Resp: 153213

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

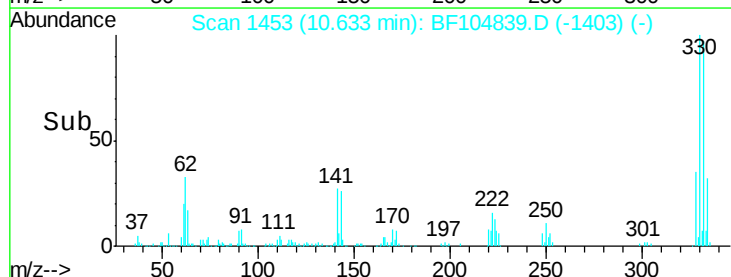
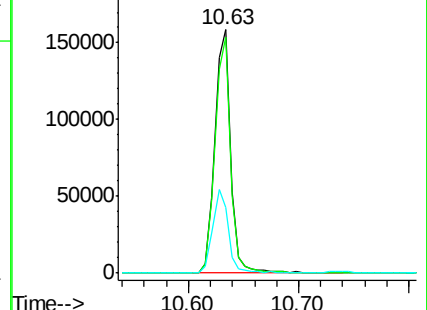
141 34.1 29.9 44.9

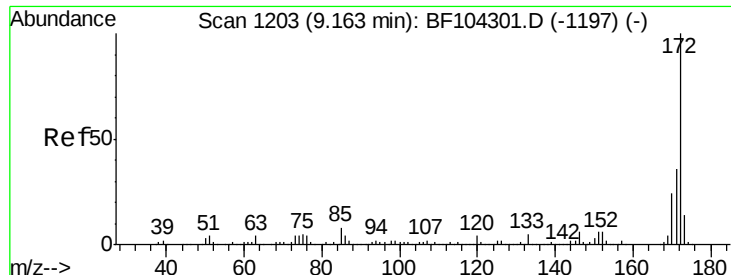


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





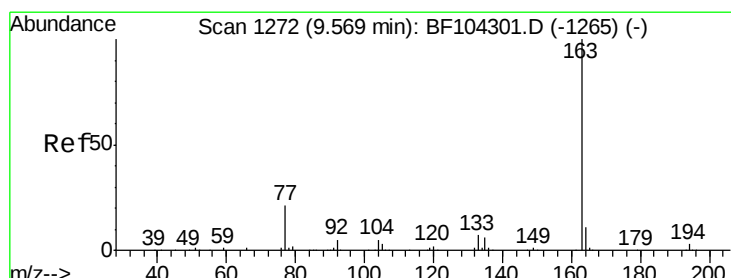
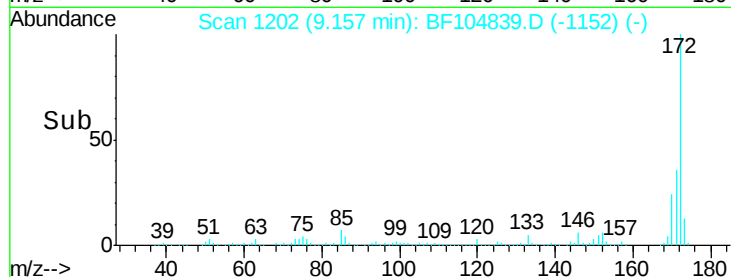
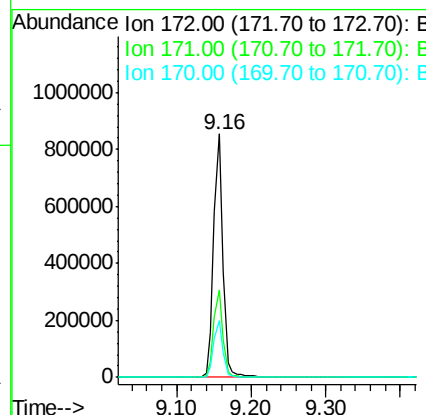
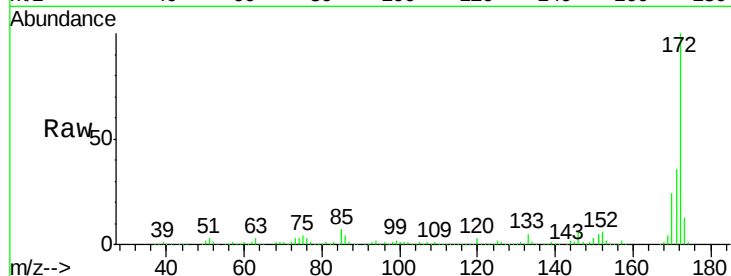
#44
2-Fluorobiphenyl
Concen: 59.375 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF104839.D
Acq: 26 Apr 2018 16:14

Instrument :
BNA_F
ClientSampleId :
IM-TS-SJAP-06

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.5	19.6	29.4

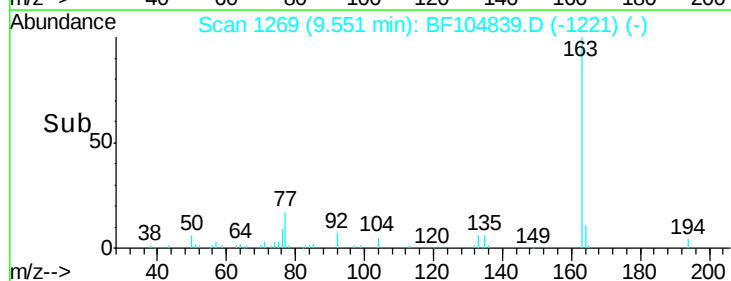
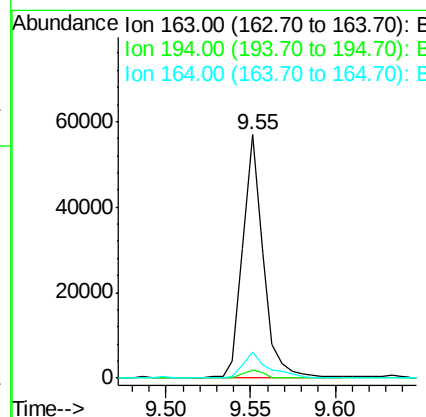
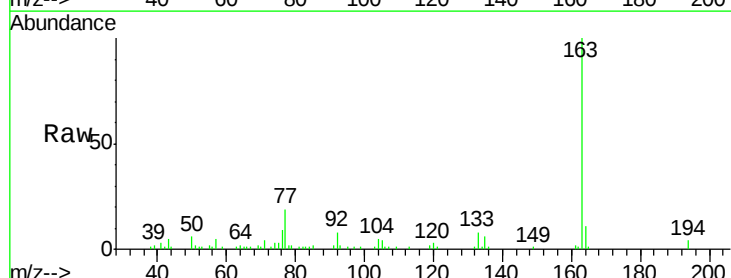
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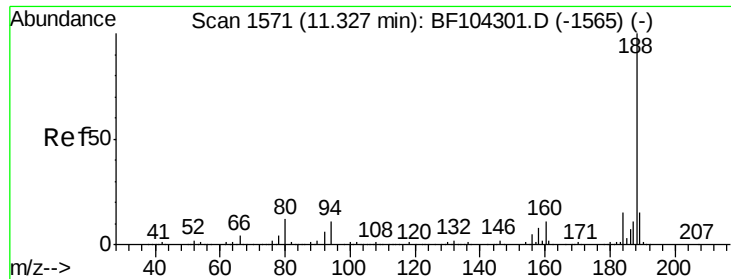
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#49
Dimethylphthalate
Concen: 3.071 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF104839.D
Acq: 26 Apr 2018 16:14

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.7	8.2	12.2





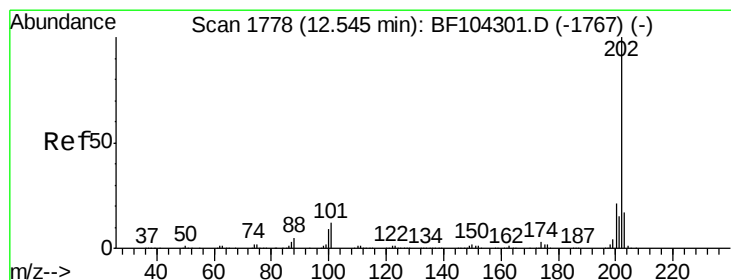
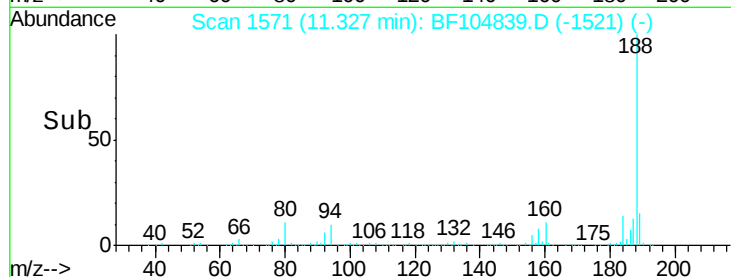
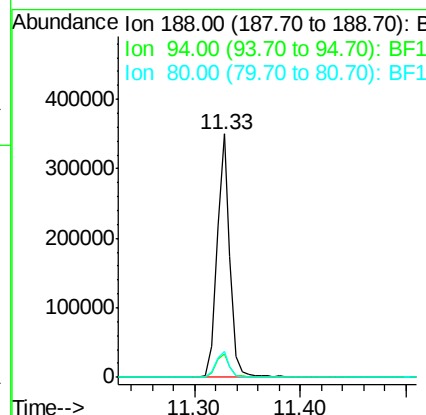
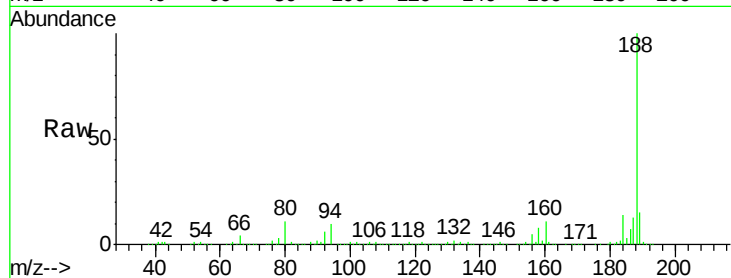
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104839.D
Acq: 26 Apr 2018 16:14

Instrument :
BNA_F
ClientSampleId :
IM-TS-SJAP-06

Tot Ion	Ratio	Resp	Lower	Upper
188	100	298533		
94	9.9		8.5	12.7
80	10.8		9.2	13.8

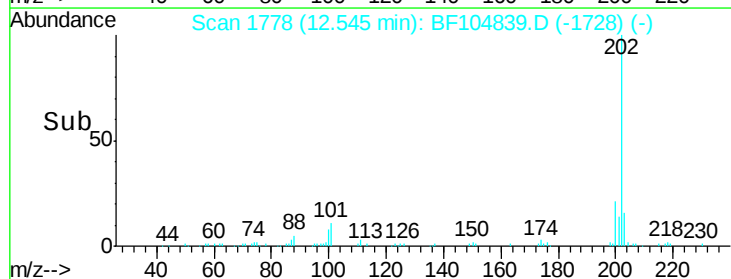
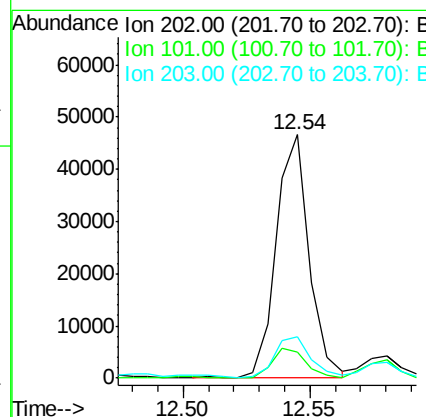
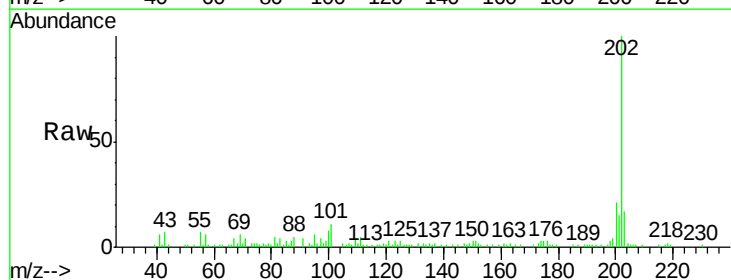
Manual Integrations
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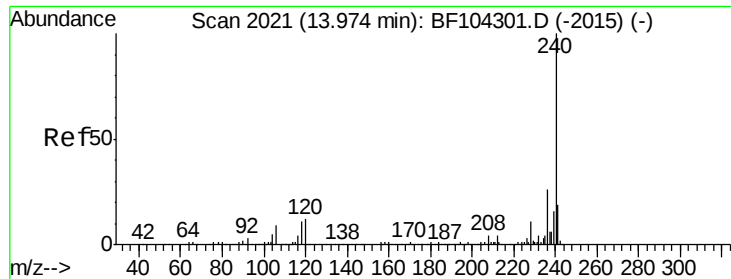
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#74
Fluoranthene
Concen: 2.438 ng
RT: 12.54 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BF104839.D
Acq: 26 Apr 2018 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	42349		
101	10.9		0.0	34.1
203	17.1		0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.02 min

Lab File: BF104839.D

Acq: 26 Apr 2018 16:14

Instrument :

BNA_F

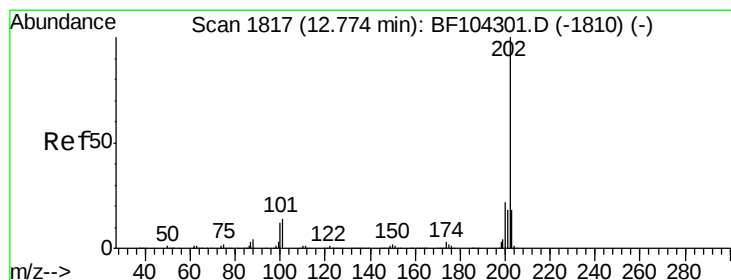
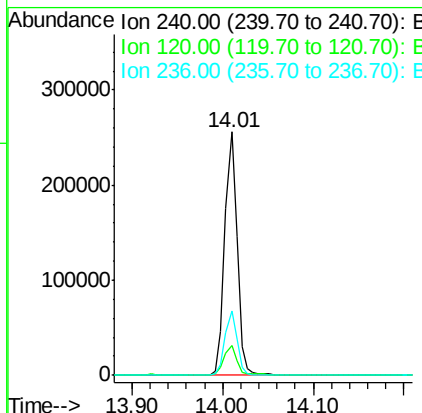
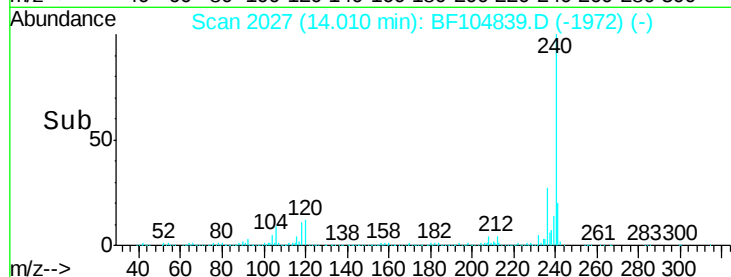
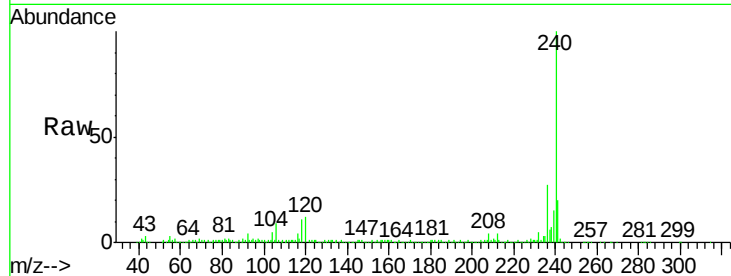
ClientSampleId :

IM-TS-SJAP-06

Tot Ion:	240	Resp:	240570
Ion Ratio	Lower	Upper	
240	100		
120	12.5	9.5	14.3
236	26.6	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 2.066 ng

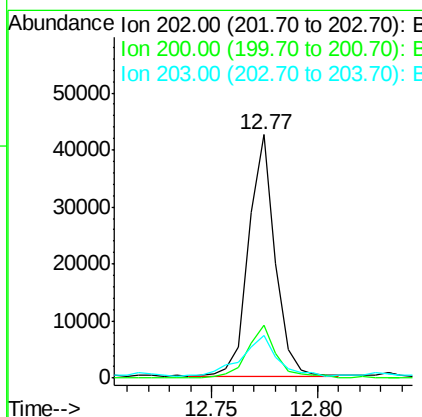
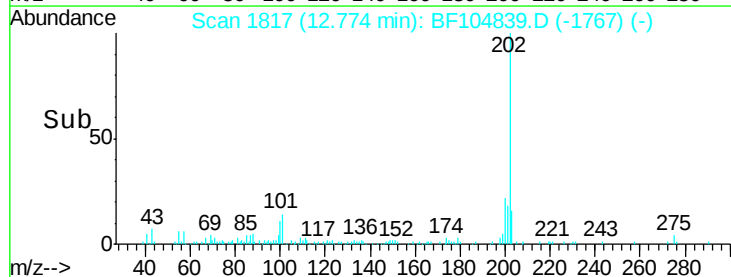
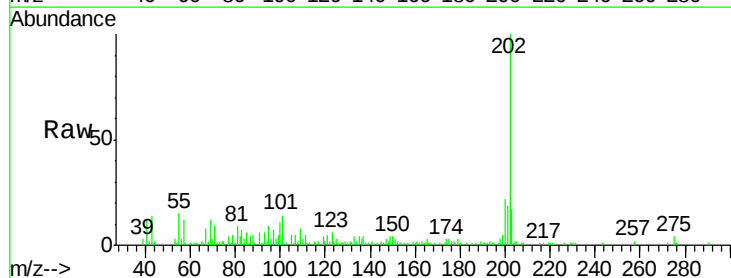
RT: 12.77 min Scan# 1817

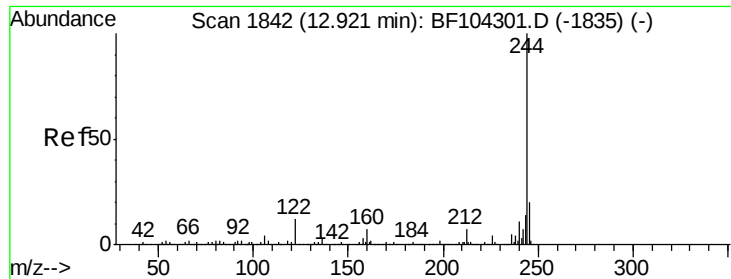
Delta R.T. -0.01 min

Lab File: BF104839.D

Acq: 26 Apr 2018 16:14

Tgt Ion:	202	Resp:	36849
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.4	26.2
203	17.4	14.3	21.5





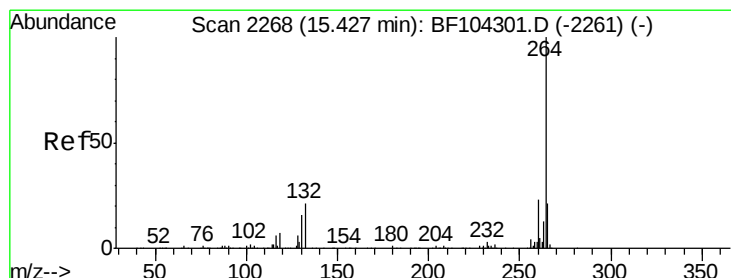
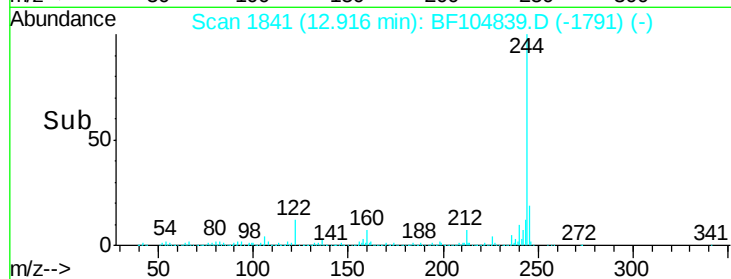
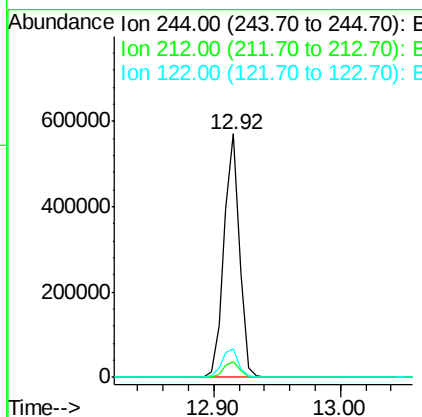
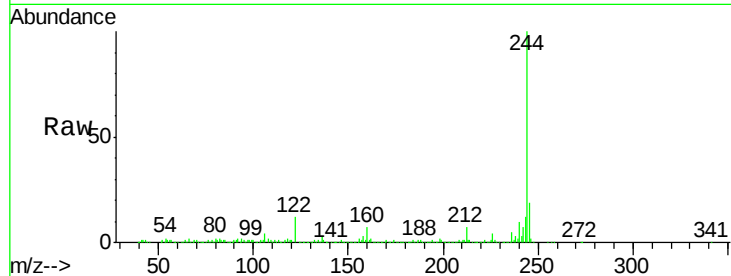
#78
 Terphenyl-d14
 Concen: 46.059 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104839.D
 Acq: 26 Apr 2018 16:14

Instrument :
 BNA_F
 ClientSampleId :
 IM-TS-SJAP-06

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.9	11.0	16.4

Manual Integrations
 APPROVED

Sohil
 4/27/2018 6:58:34 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. 0.08 min
 Lab File: BF104839.D
 Acq: 26 Apr 2018 16:14

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

