

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
 Data File : BF104800.D
 Acq On : 25 Apr 2018 20:21
 Operator : JU/SJ
 Sample : J2525-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IM-TS-SJAP-01

Manual Integrations
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 4/26/2018 6:15:28 PM

Quant Time: Apr 26 11:58:01 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	122026	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	493072	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	212579	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	323694	20.00	ng	0.00
75) Chrysene-d12	13.98	240	223854	20.00	ng	0.00
86) Perylene-d12	15.46	264	161192	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	959664	120.25	ng	0.00
7) Phenol-d6	6.45	99	1188071	121.16	ng	0.00
23) Nitrobenzene-d5	7.37	82	730228	96.70	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	268572	121.79	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1102215	81.91	ng	0.00
78) Terphenyl-d14	12.92	244	707137	72.02	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	150007	8.948	ng	99
74) Fluoranthene	12.55	202	48204	2.559	ng	97
77) Pyrene	12.78	202	41123	2.478	ng	98
87) Benzo(b)fluoranthene	15.03	252	35240m	3.461	ng	

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

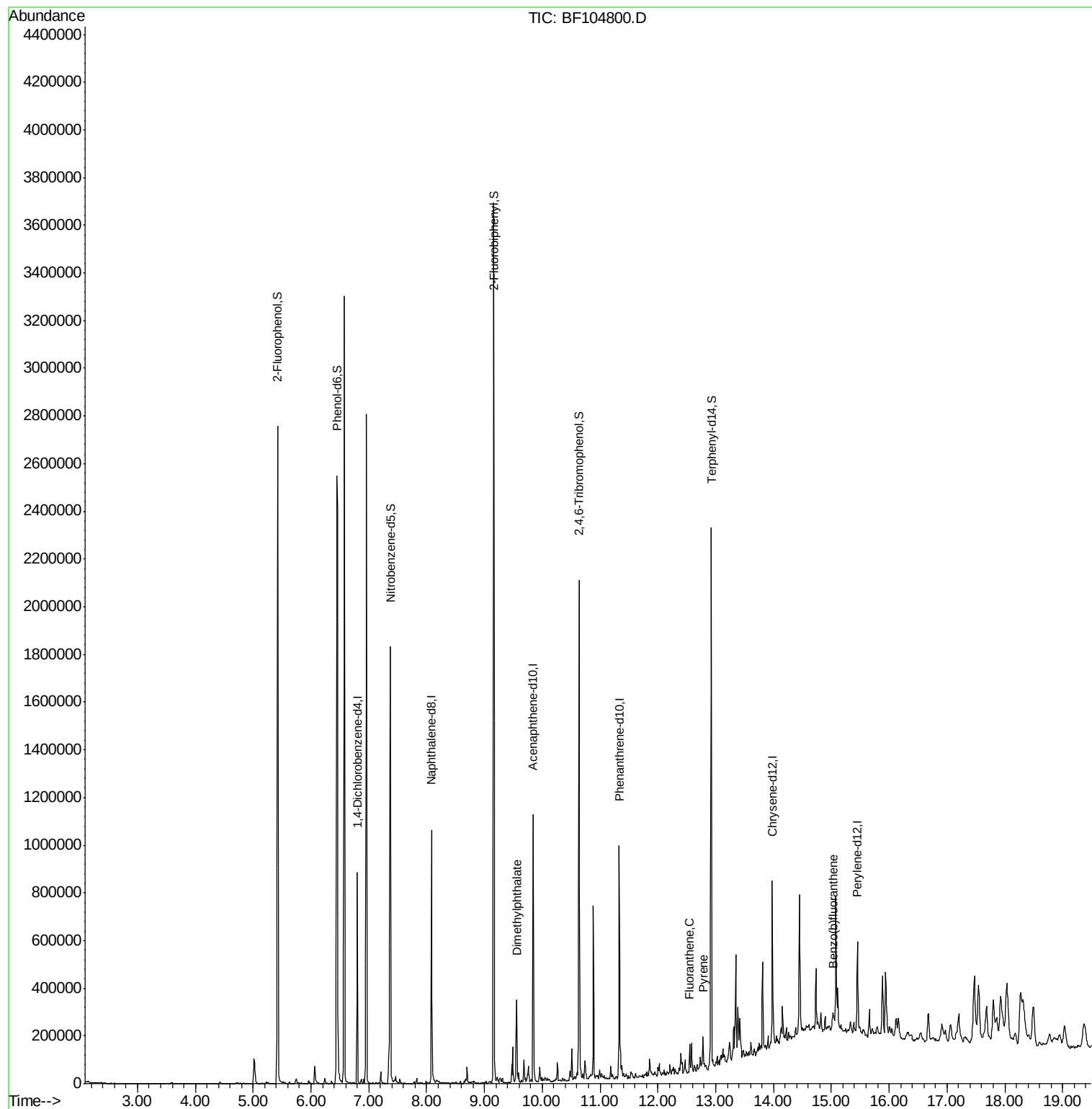
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
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ALS Vial : 21 Sample Multiplier: 1

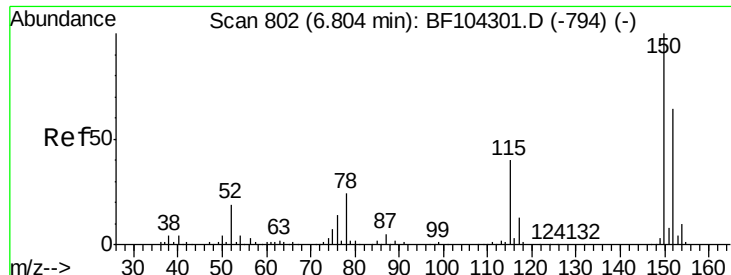
Instrument :
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#1

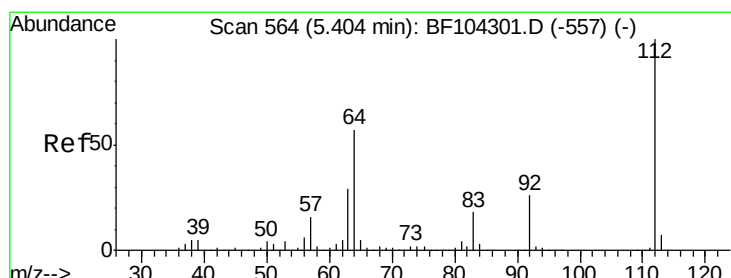
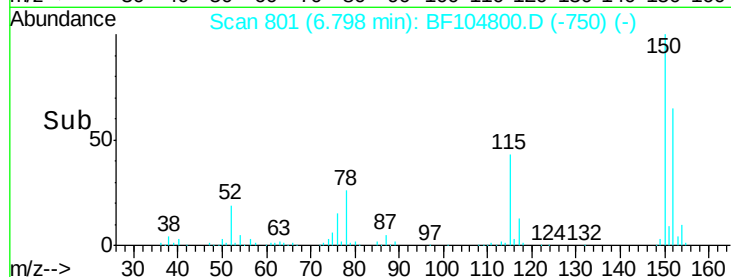
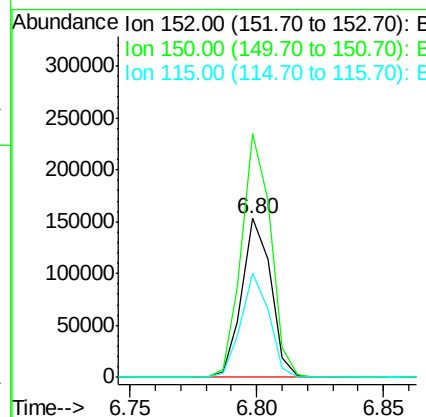
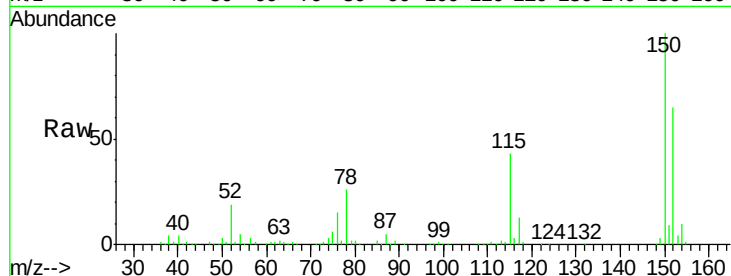
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104800.D
Acq: 25 Apr 2018 20:21

Instrument :
BNA_F
ClientSampleId :
IM-TS-SJAP-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.6	186.8
115	65.6	50.1	75.1

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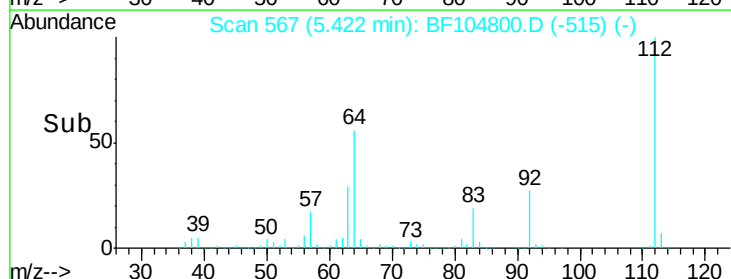
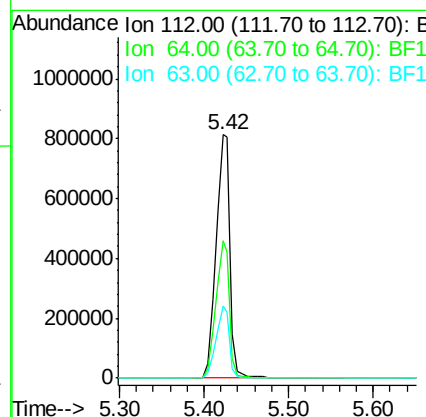
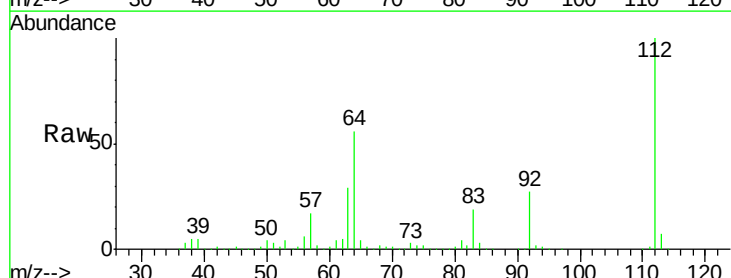
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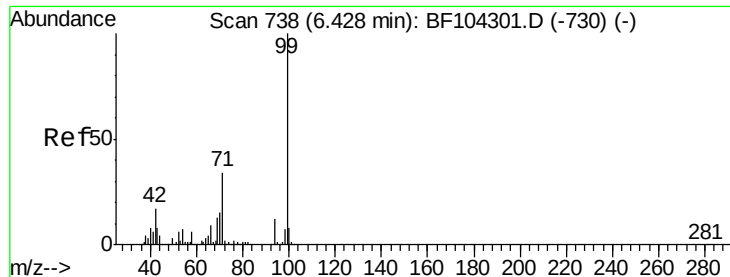


#5

2-Fluorophenol
Concen: 120.251 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104800.D
Acq: 25 Apr 2018 20:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.9	71.9
63	29.5	23.7	35.5





#7

Phenol-d6

Concen: 121.165 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104800.D

Acq: 25 Apr 2018 20:21

Instrument :

BNA_F

ClientSampleId :

IM-TS-SJAP-01

Tot Ion: 99 Resp: 1188071

Ion Ratio Lower Upper

99 100

42 16.9 14.5 21.7

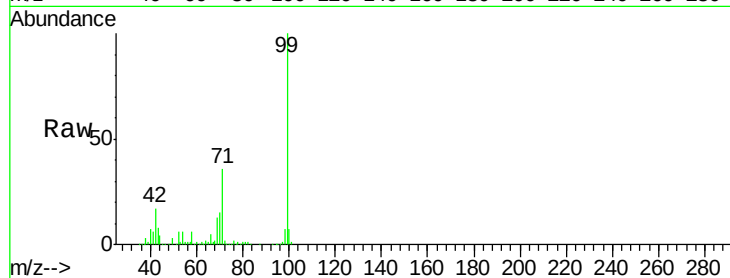
71 36.3 25.4 38.0

Manual Integrations

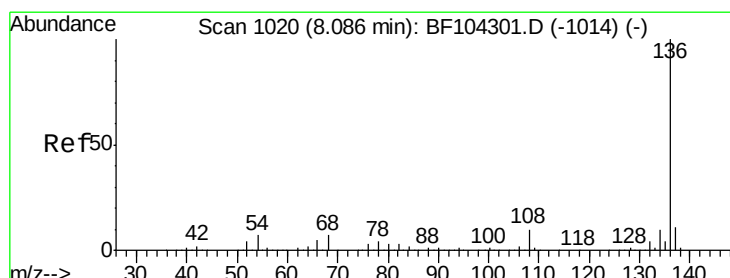
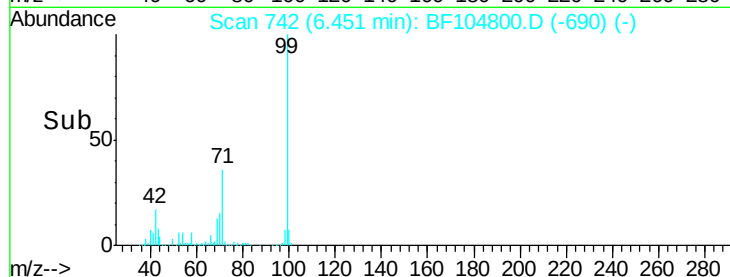
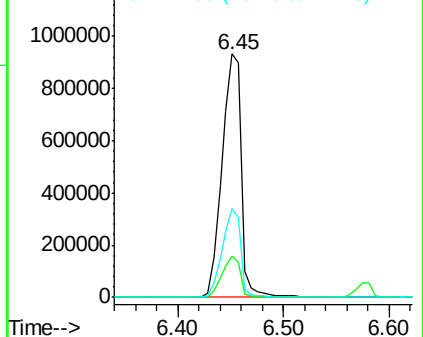
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF104800.D

Acq: 25 Apr 2018 20:21

Tgt Ion: 136 Resp: 493072

Ion Ratio Lower Upper

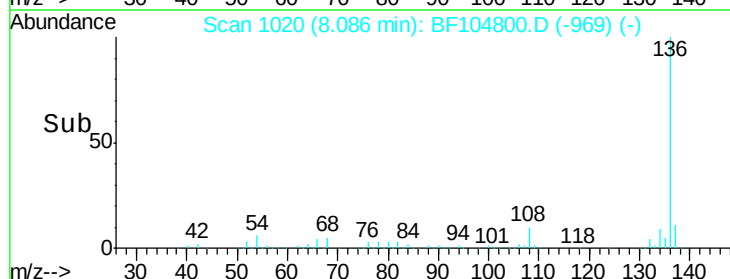
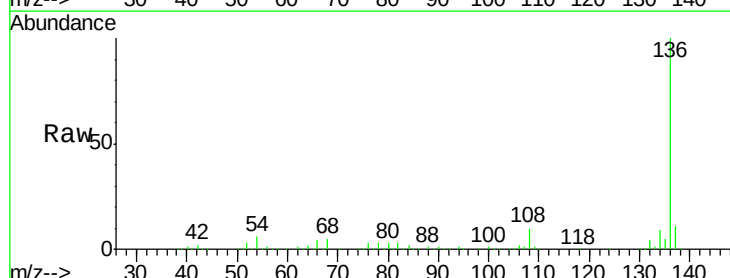
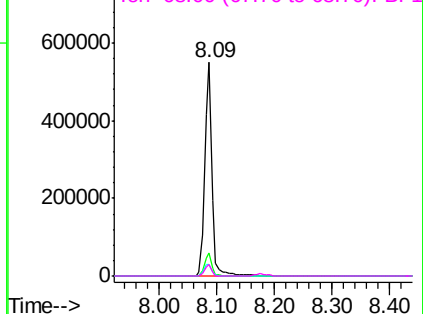
136 100

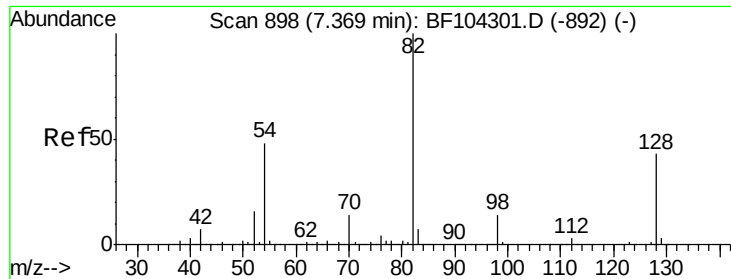
137 10.9 8.9 13.3

54 5.7 6.6 9.8#

68 5.3 5.0 7.4

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





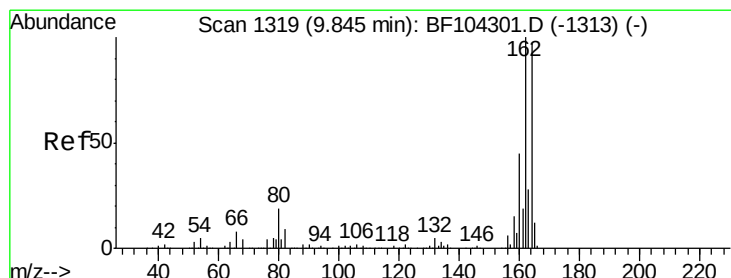
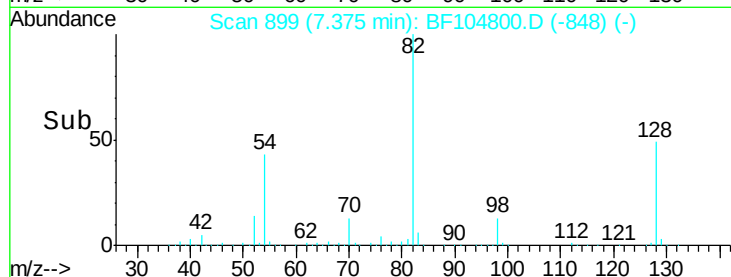
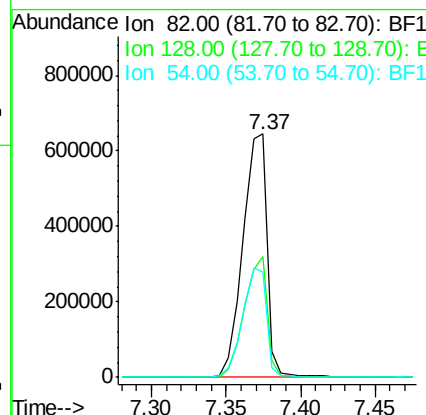
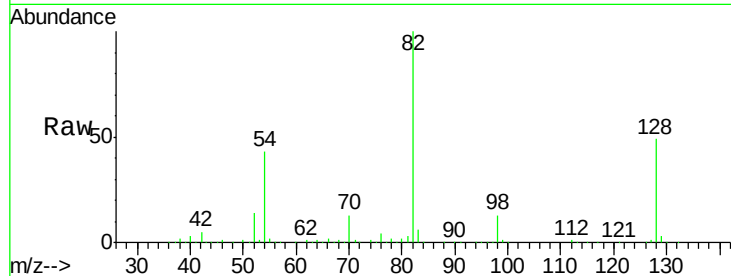
#23
 Nitrobenzene-d5
 Concen: 96.705 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BF104800.D
 Acq: 25 Apr 2018 20:21

Instrument :
 BNA_F
 ClientSampleId :
 IM-TS-SJAP-01

Tot Ion	82	Resp	730228
Ion Ratio	100	Lower	Upper
128	49.5	36.1	54.1
54	43.1	41.4	62.2

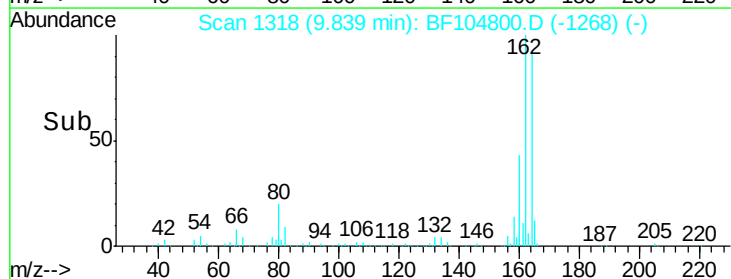
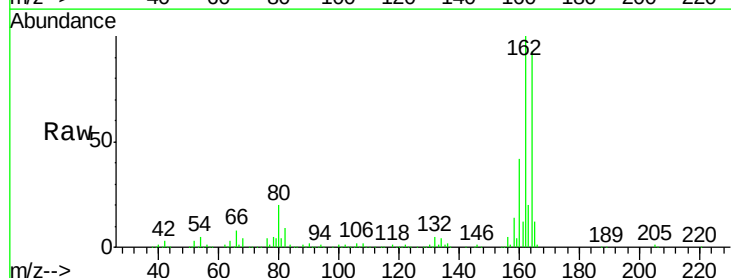
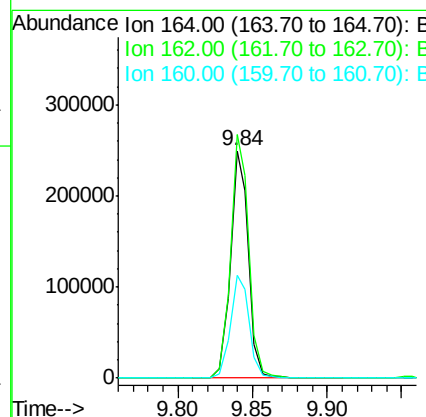
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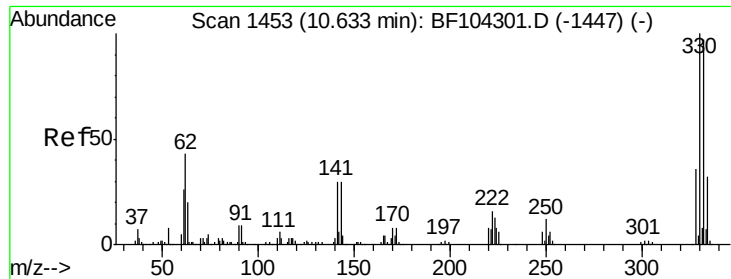
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104800.D
 Acq: 25 Apr 2018 20:21

Tgt Ion	164	Resp	212579
Ion Ratio	100	Lower	Upper
162	107.0	86.1	129.1
160	45.4	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 121.794 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BF104800.D

Acq: 25 Apr 2018 20:21

Instrument :

BNA_F

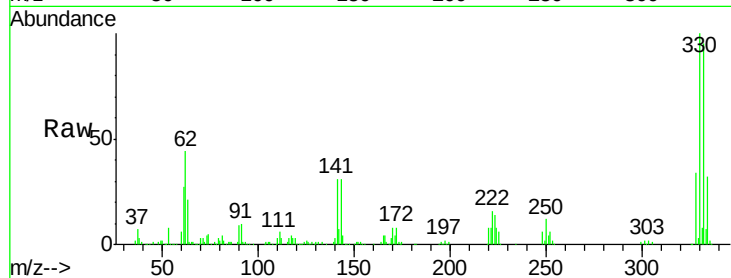
ClientSampleId :

IM-TS-SJAP-01

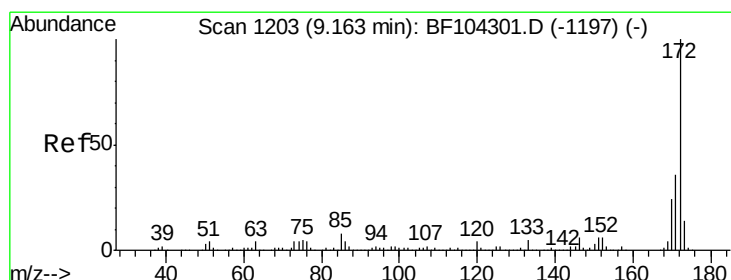
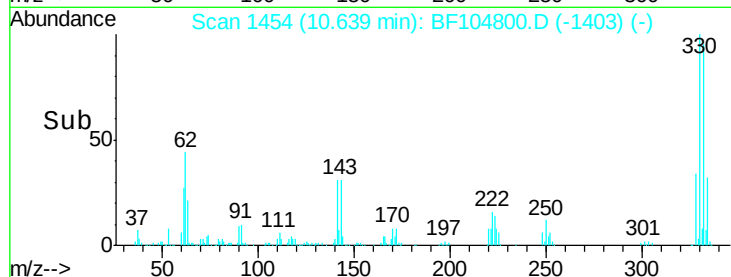
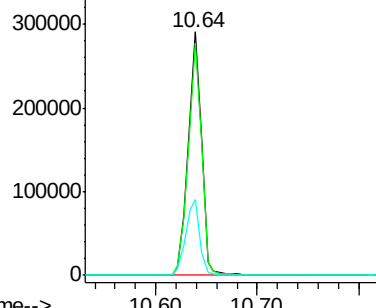
Tot Ion:	330	Resp:	268572
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.0	115.6
141	32.6	29.9	44.9

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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: 81.910 ng

RT: 9.16 min Scan# 1203

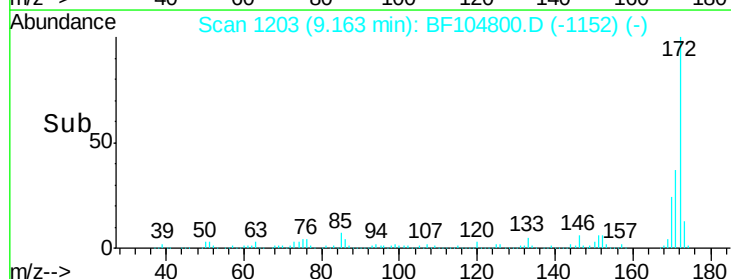
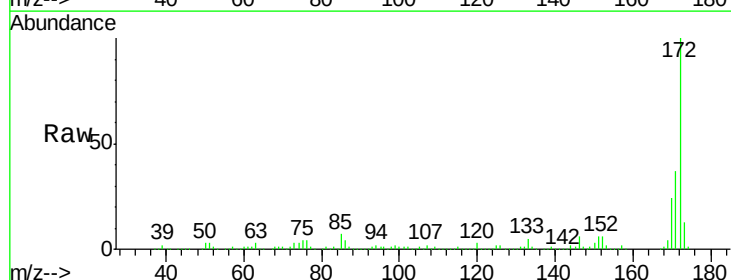
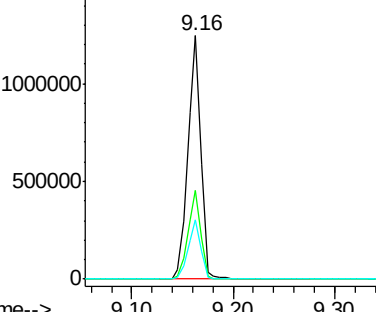
Delta R.T. -0.00 min

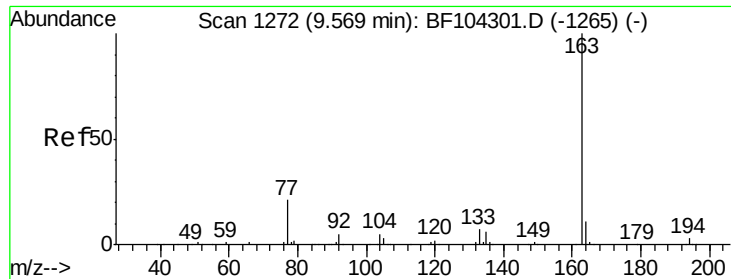
Lab File: BF104800.D

Acq: 25 Apr 2018 20:21

Tgt Ion:	172	Resp:	1102215
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.7	44.5
170	24.3	19.6	29.4

Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





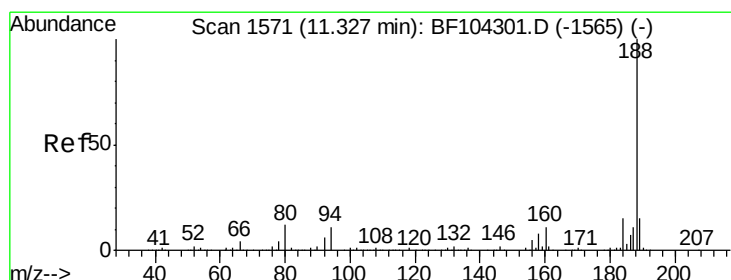
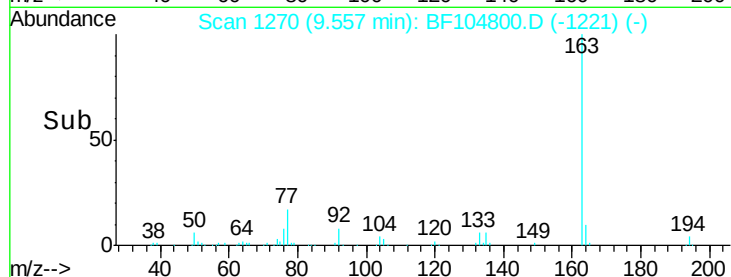
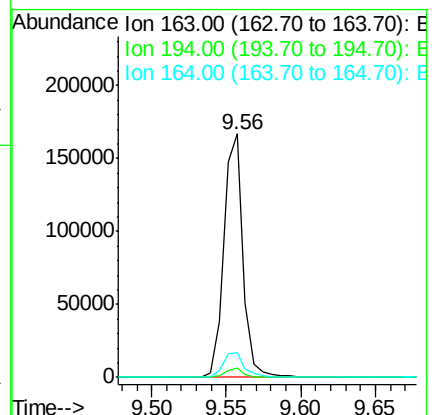
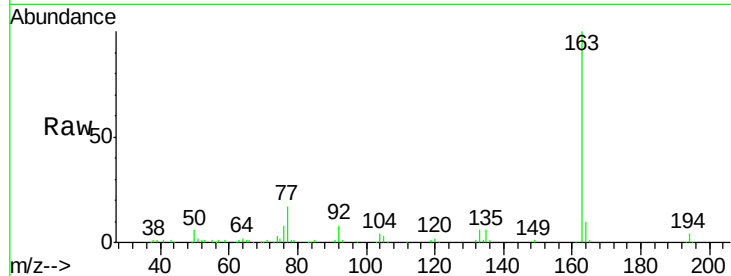
#49
Dimethylphthalate
Concen: 8.948 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104800.D
Acq: 25 Apr 2018 20:21

Instrument :
BNA_F
ClientSampleId :
IM-TS-SJAP-01

Tot Ion	Ratio	Resp	Lower	Upper
163	100	150007		
194	3.9		2.7	4.1
164	10.3		8.2	12.2

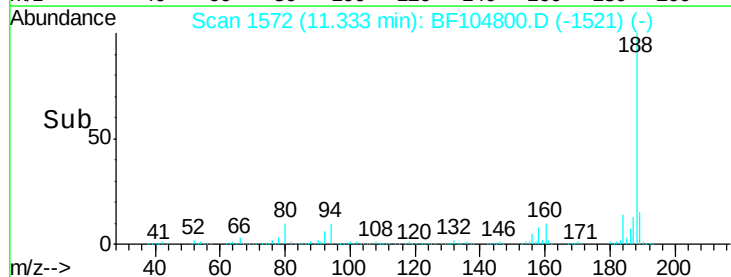
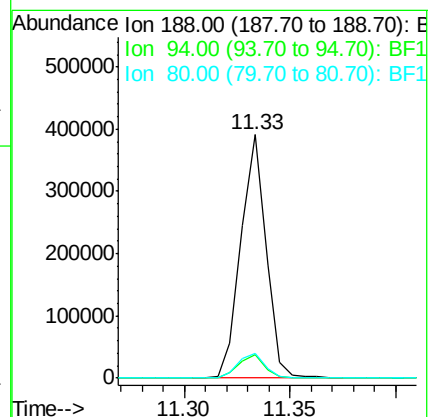
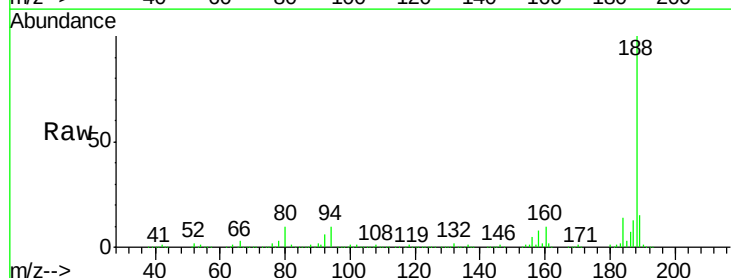
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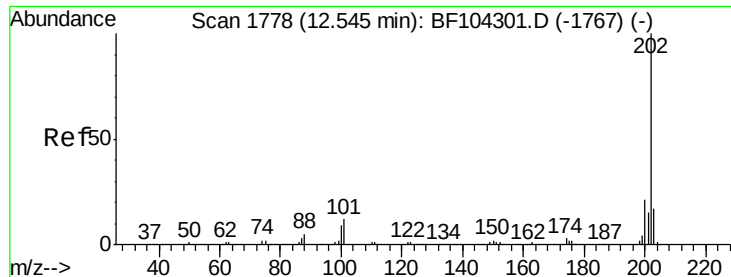
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104800.D
Acq: 25 Apr 2018 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	323694		
94	9.8		8.5	12.7
80	10.2		9.2	13.8





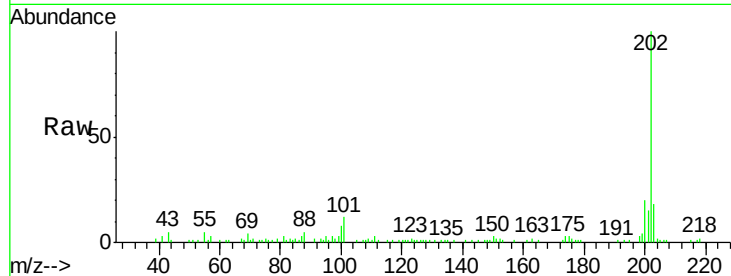
#74
 Fluoranthene
 Concen: 2.559 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: BF104800.D
 Acq: 25 Apr 2018 20:21

Instrument :
 BNA_F
 ClientSampleId :
 IM-TS-SJAP-01

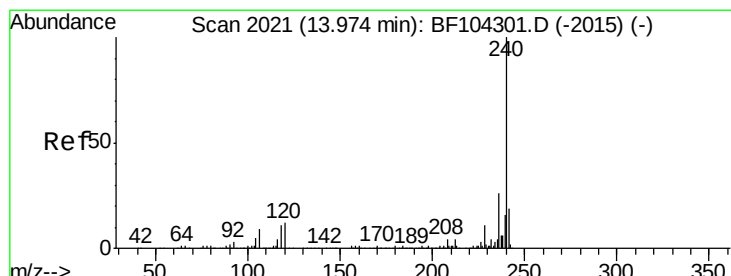
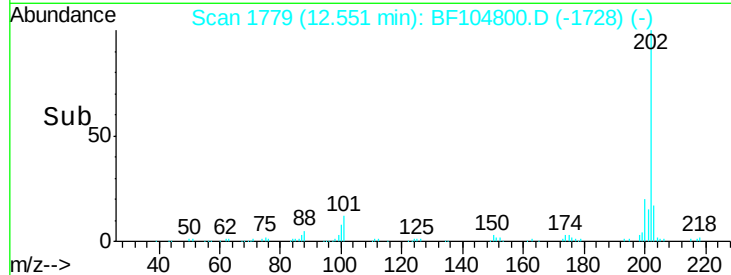
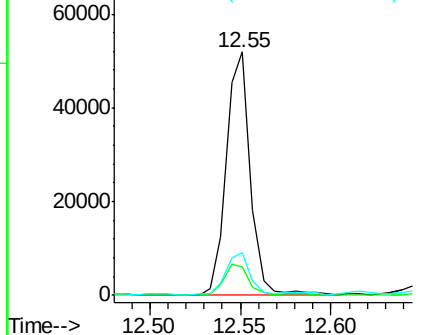
Tot Ion:	202	Resp:	48204
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	34.1
203	17.5	0.0	38.1

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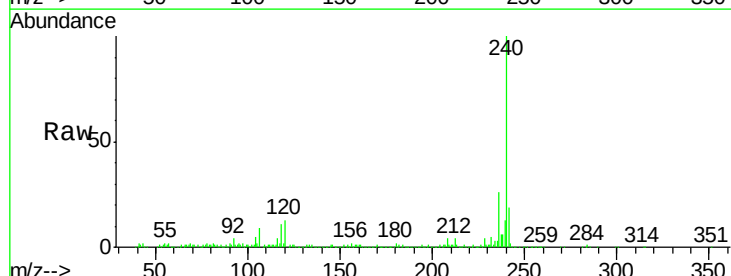


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

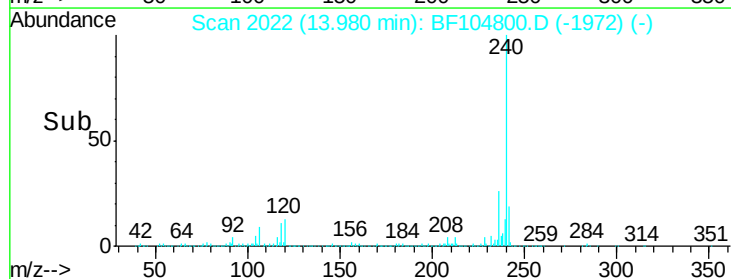
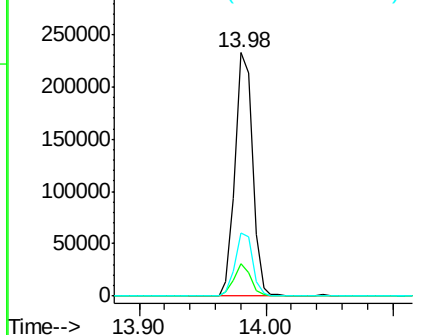


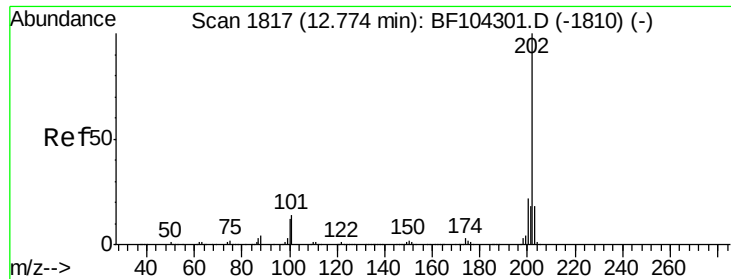
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF104800.D
 Acq: 25 Apr 2018 20:21

Tgt Ion:	240	Resp:	223854
Ion Ratio	Lower	Upper	
240	100		
120	13.3	9.5	14.3
236	25.7	20.7	31.1



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

Pvrene

Concen: 2.478 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF104800.D

Acq: 25 Apr 2018 20:21

Instrument :

BNA_F

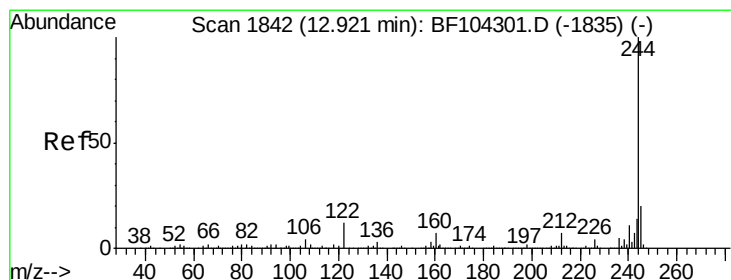
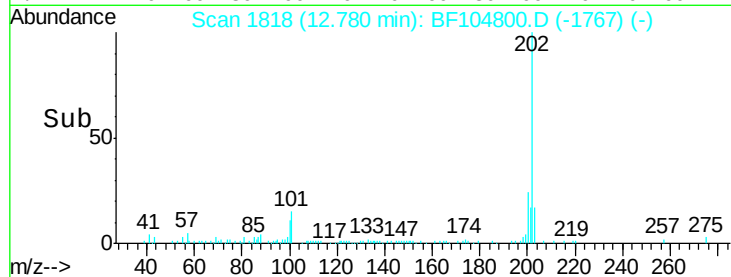
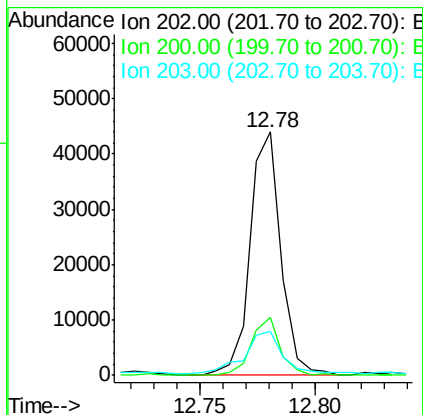
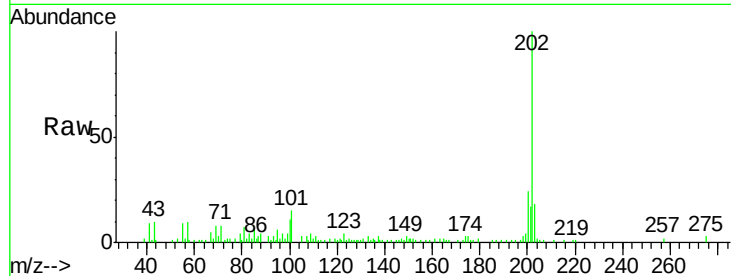
ClientSampleId :

IM-TS-SJAP-01

Tot Ion:	202	Resp:	41123
Ion Ratio	Lower	Upper	
202	100		
200	23.7	17.4	26.2
203	17.9	14.3	21.5

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#78

Terphenyl-d14

Concen: 72.018 ng

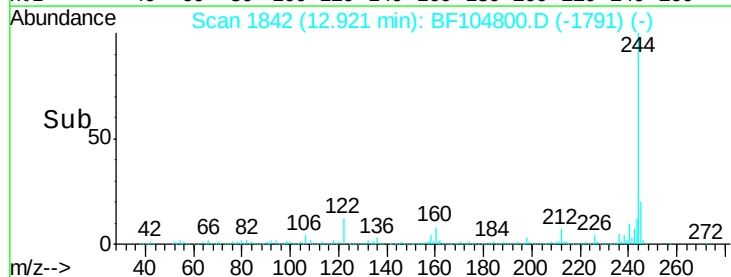
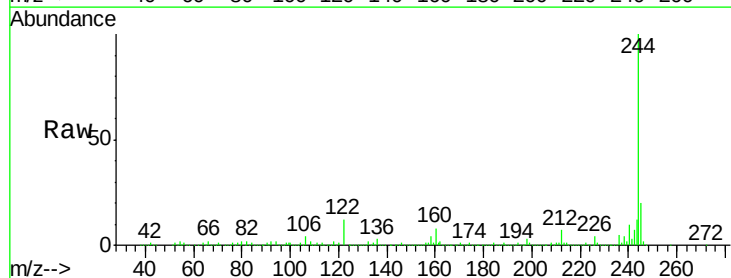
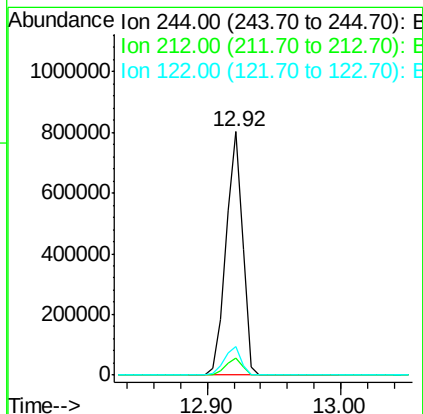
RT: 12.92 min Scan# 1842

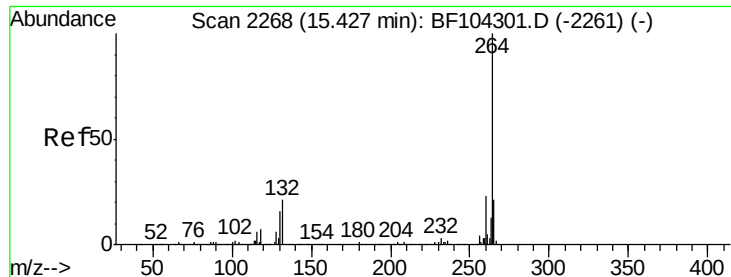
Delta R.T. -0.00 min

Lab File: BF104800.D

Acq: 25 Apr 2018 20:21

Tgt Ion:	244	Resp:	707137
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.0
122	11.9	11.0	16.4





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BF104800.D

Acq: 25 Apr 2018 20:21

Instrument :

BNA_F

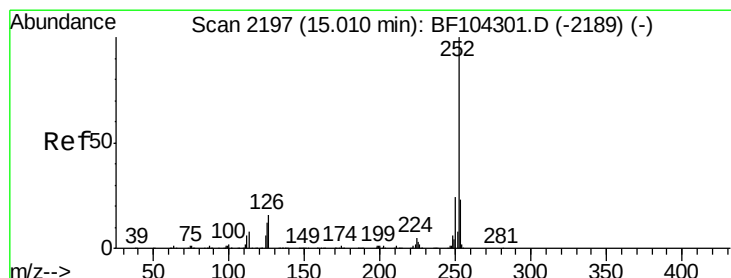
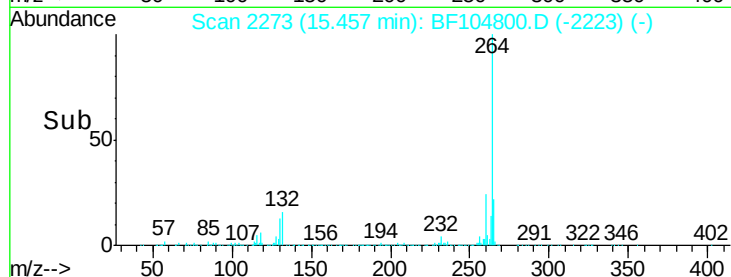
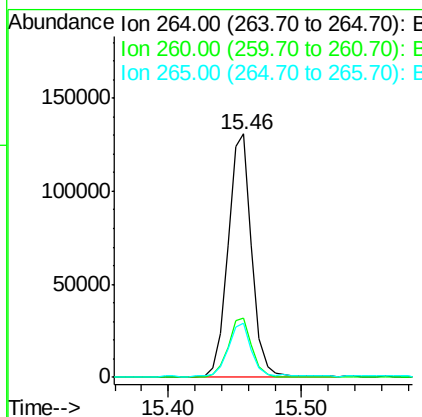
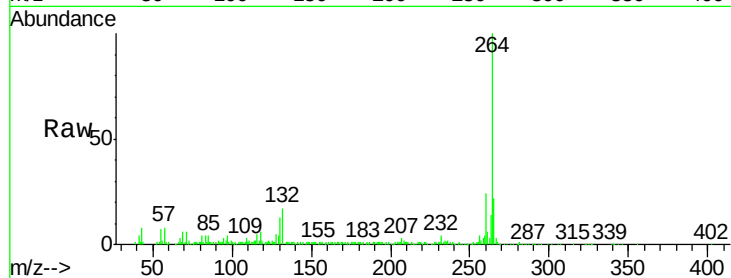
ClientSampleId :

IM-TS-SJAP-01

Tot Ion:	264	Resp:	161192
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.2	28.8
265	22.0	17.5	26.3

Manual Integrations
APPROVED

Sohil
4/26/2018 6:15:28 PM



#87

Benzo(b)fluoranthene

Concen: 3.461 ng m

RT: 15.03 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BF104800.D

Acq: 25 Apr 2018 20:21

Tgt Ion:	252	Resp:	35240
Ion Ratio	Lower	Upper	
252	100		
253	26.0	17.0	25.6#
125	19.1	9.0	13.6#

