

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
 Data File : BF104866.D
 Acq On : 27 Apr 2018 6:57
 Operator : JU/SJ
 Sample : J2520-09 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9 4.0-4.5

Manual Integrations
 APPROVED

Sohil
 4/27/2018 6:59:44 PM

Quant Time: Apr 27 13:24:53 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	102112	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	406819	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	163940	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	248970	20.00	ng	0.00
75) Chrysene-d12	13.97	240	225473	20.00	ng	-0.01
86) Perylene-d12	15.44	264	160615	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	118673	17.77	ng	0.00
7) Phenol-d6	6.43	99	145721	17.76	ng	-0.01
23) Nitrobenzene-d5	7.36	82	85813	13.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	20806	12.23	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	152333	14.68	ng	0.00
78) Terphenyl-d14	12.92	244	87011	8.80	ng	0.00

Target Compounds Qvalue

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

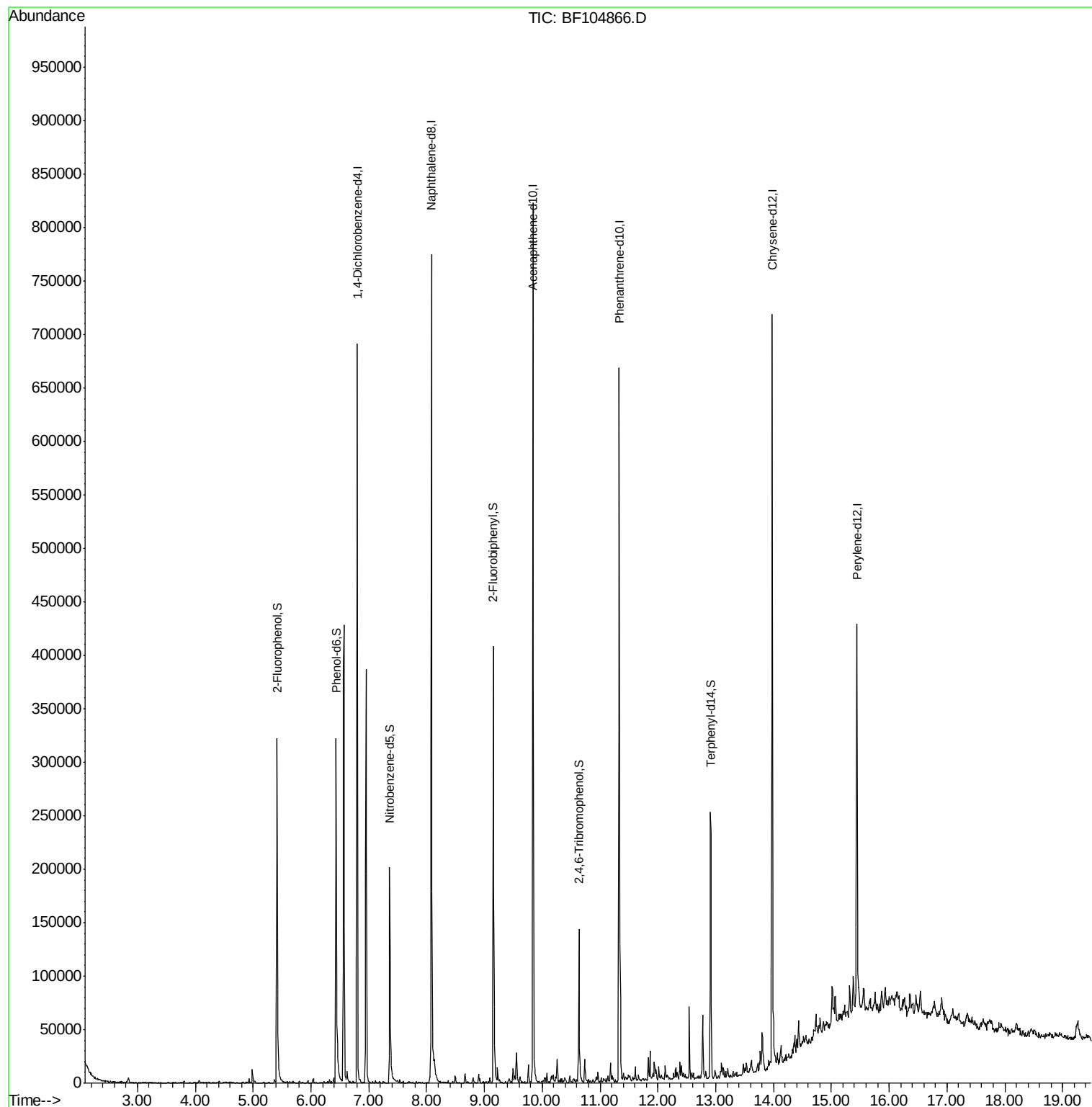
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
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ALS Vial : 35 Sample Multiplier: 1

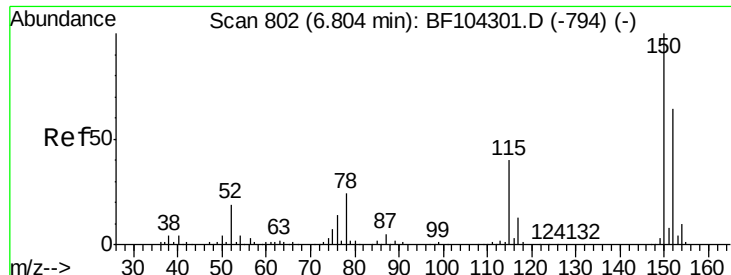
Instrument :
BNA_F
ClientSampleId :
TP-9 4.0-4.5

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#1

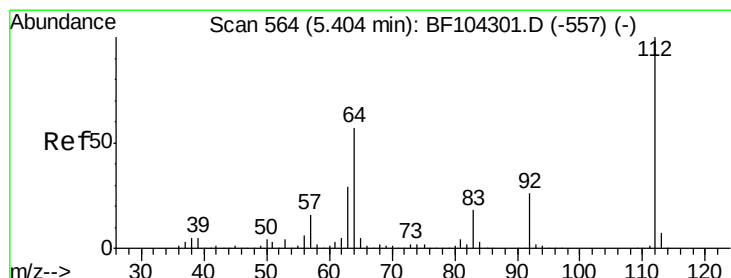
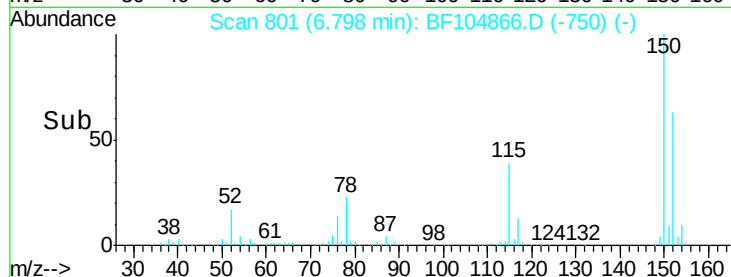
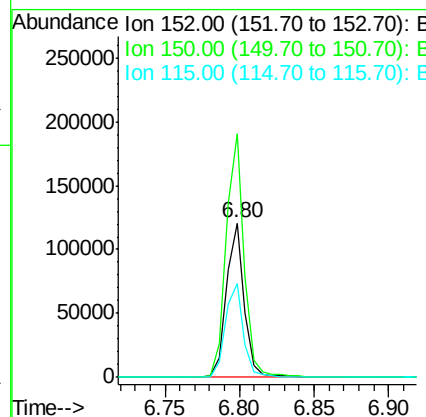
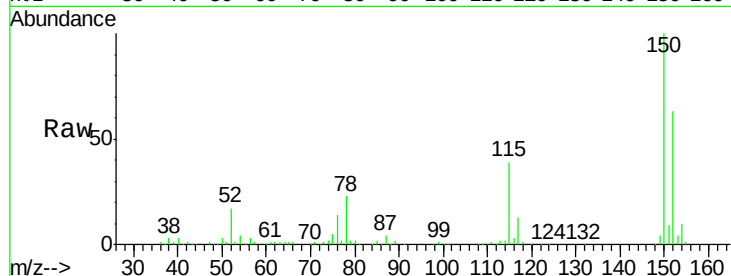
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104866.D
Acq: 27 Apr 2018 6:57

Instrument :
BNA_F
ClientSampled :
TP-9 4.0-4.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.6	186.8
115	60.9	50.1	75.1

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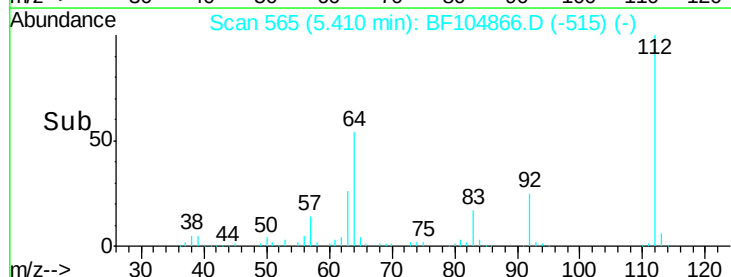
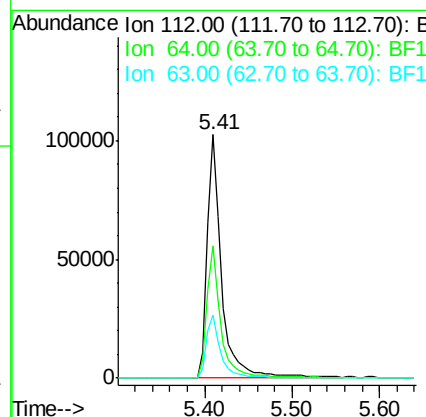
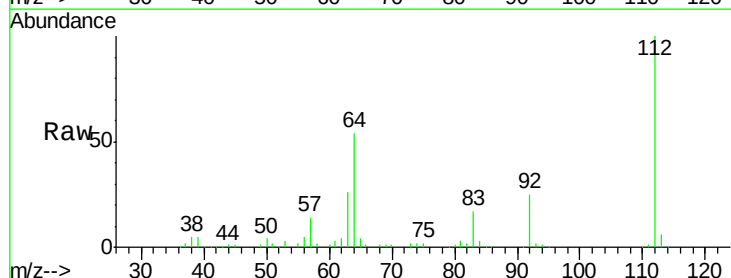
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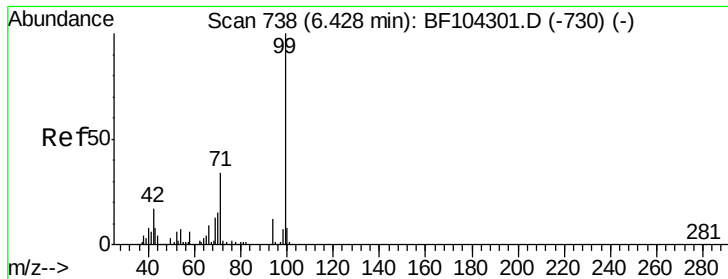


#5

2-Fluorophenol
Concen: 17.770 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF104866.D
Acq: 27 Apr 2018 6:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	47.9	71.9
63	26.2	23.7	35.5





#7

Phenol-d6

Concen: 17.760 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104866.D

Acq: 27 Apr 2018 6:57

Instrument :

BNA_F

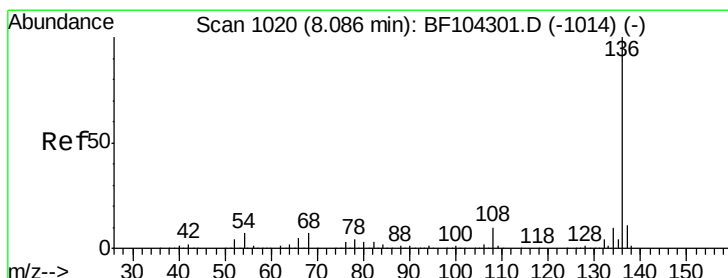
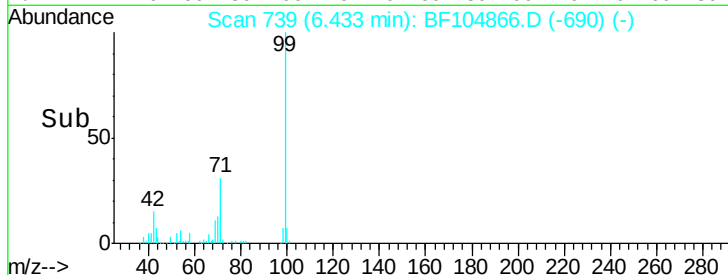
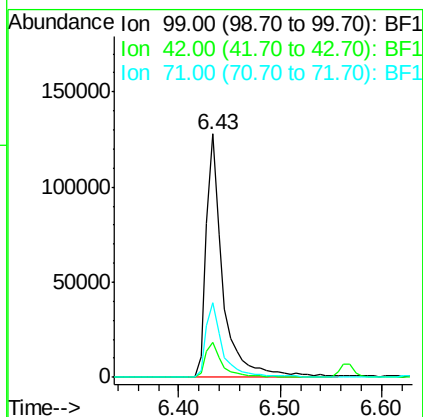
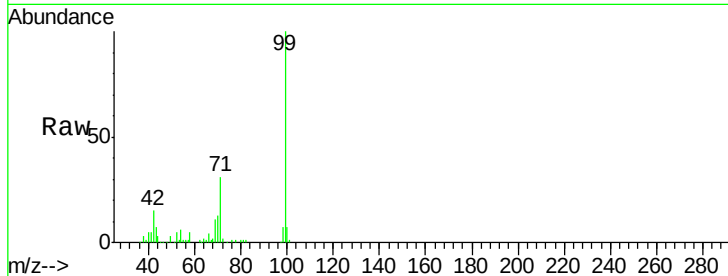
ClientSampleId :

TP-9 4.0-4.5

Tot Ion:	99	Resp:	145721
Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.5	21.7
71	30.7	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

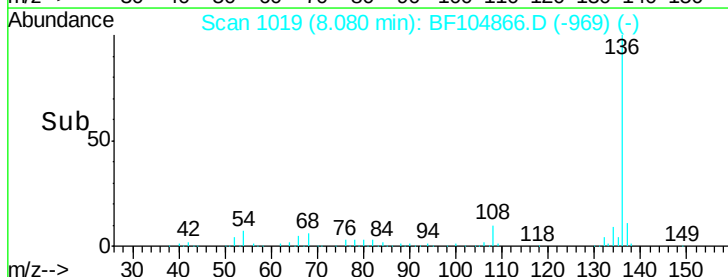
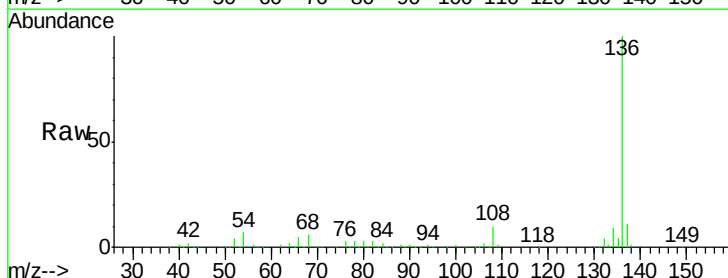
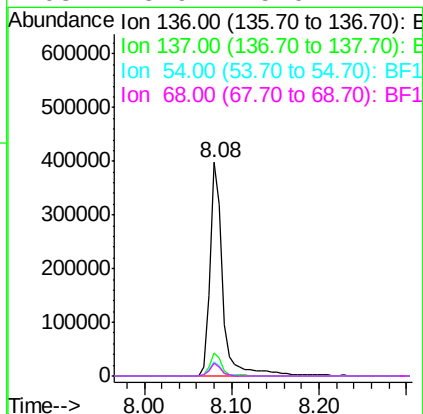
RT: 8.08 min Scan# 1019

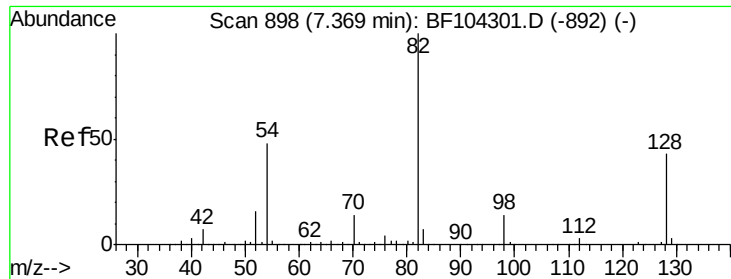
Delta R.T. -0.01 min

Lab File: BF104866.D

Acq: 27 Apr 2018 6:57

Tgt Ion:	136	Resp:	406819
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.8	6.6	9.8
68	5.9	5.0	7.4





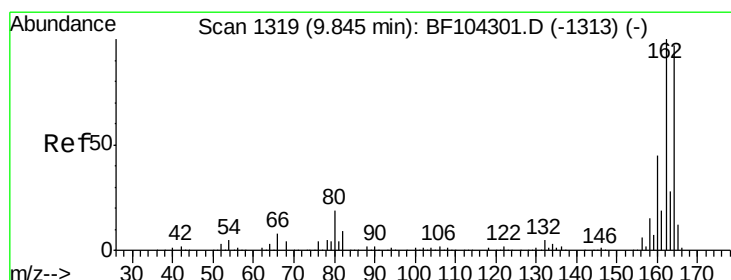
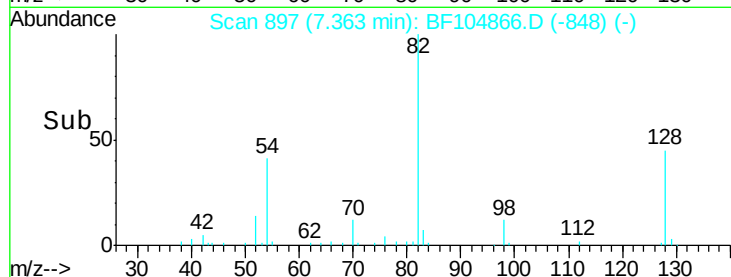
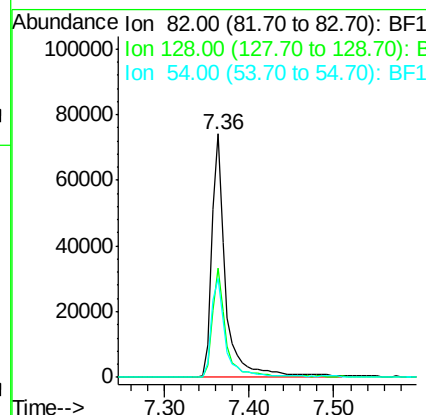
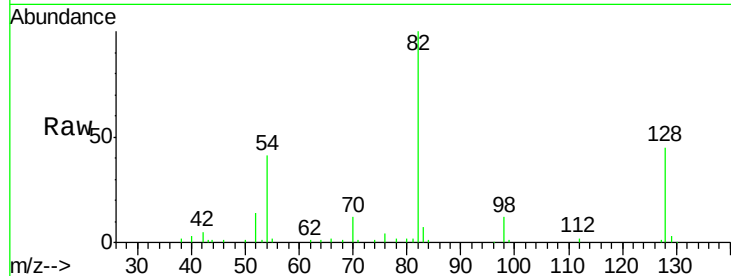
#23
 Nitrobenzene-d5
 Concen: 13.774 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF104866.D
 Acq: 27 Apr 2018 6:57

Instrument :
 BNA_F
 ClientSampled :
 TP-9 4.0-4.5

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.7	36.1	54.1	
54	40.7	41.4	62.2	

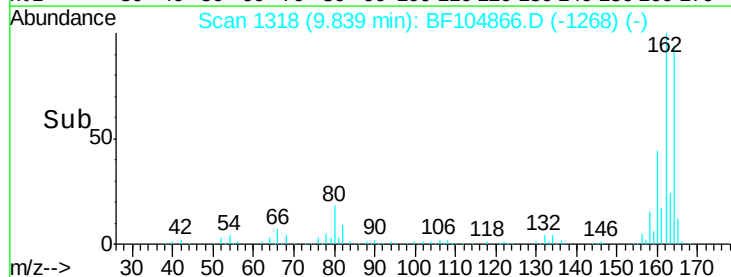
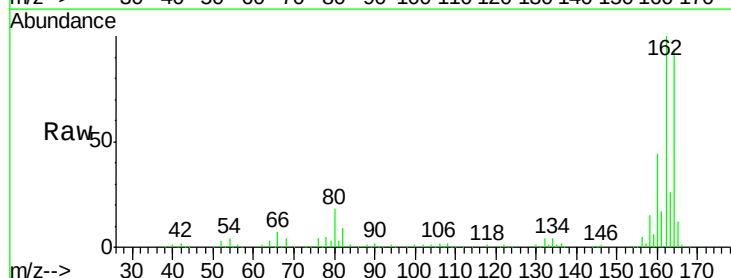
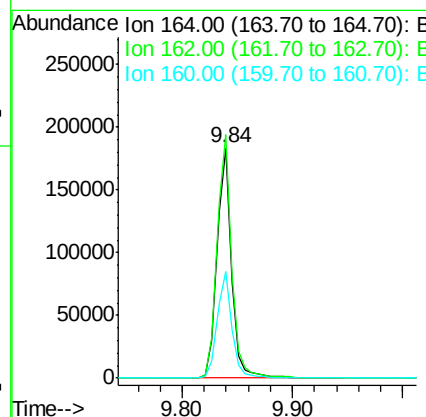
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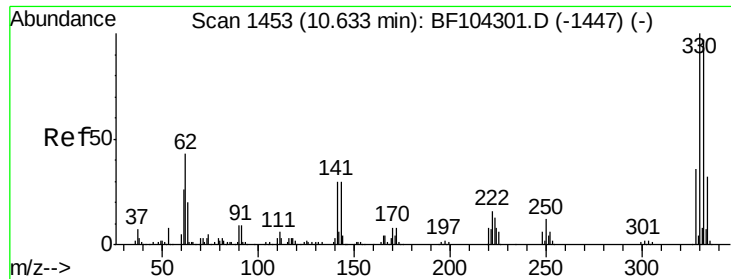
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104866.D
 Acq: 27 Apr 2018 6:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	106.0	86.1	129.1	
160	46.4	38.3	57.5	





#41

2,4,6-Tribromophenol

Concen: 12.235 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF104866.D

Acq: 27 Apr 2018 6:57

Instrument :

BNA_F

ClientSampled :

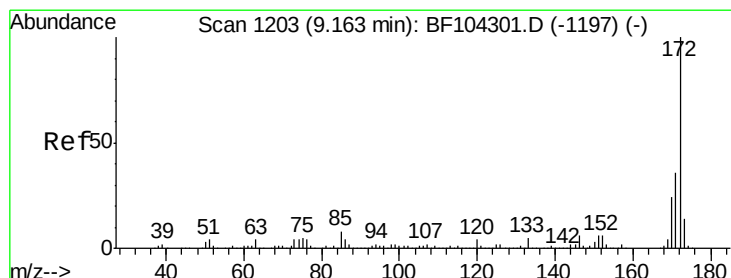
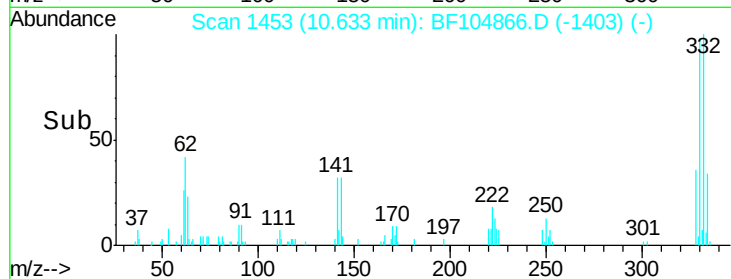
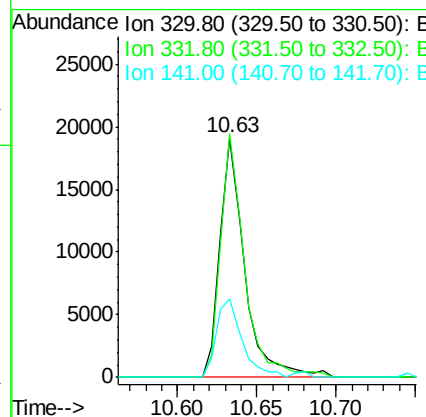
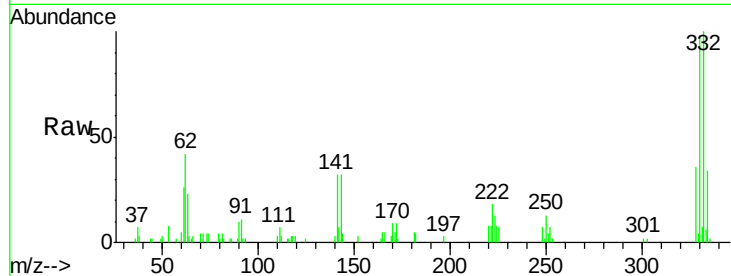
TP-9 4.0-4.5

Tot Ion:	330	Resp:	20806
Ion Ratio	Lower	Upper	
330	100		
332	97.9	77.0	115.6
141	34.1	29.9	44.9

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#44

2-Fluorobiphenyl

Concen: 14.679 ng

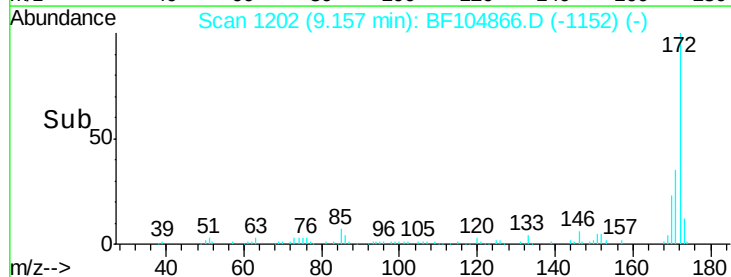
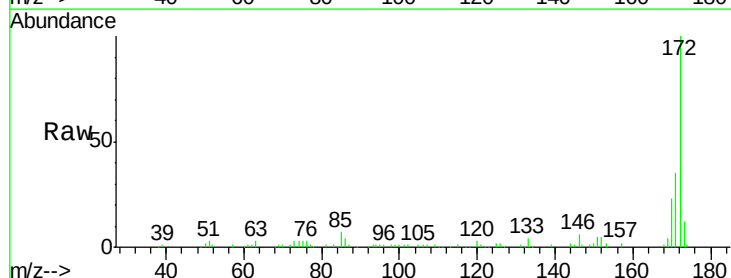
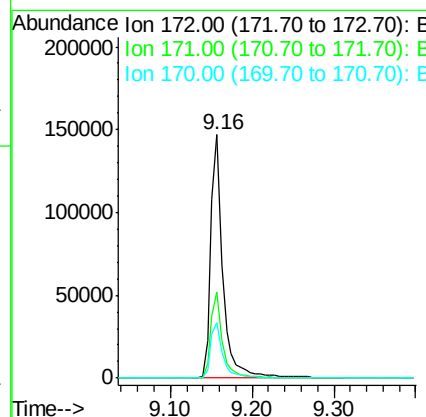
RT: 9.16 min Scan# 1202

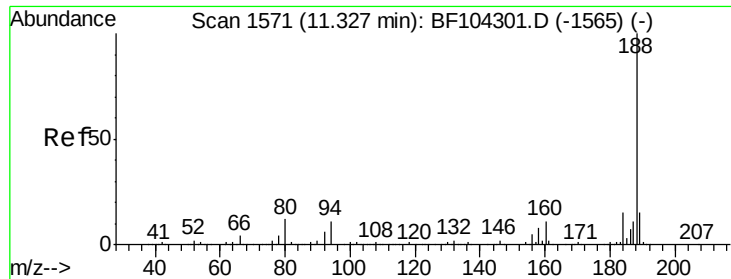
Delta R.T. -0.01 min

Lab File: BF104866.D

Acq: 27 Apr 2018 6:57

Tgt Ion:	172	Resp:	152333
Ion Ratio	Lower	Upper	
172	100		
171	35.3	29.7	44.5
170	23.0	19.6	29.4





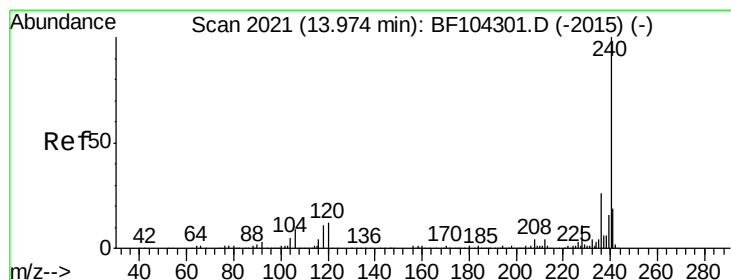
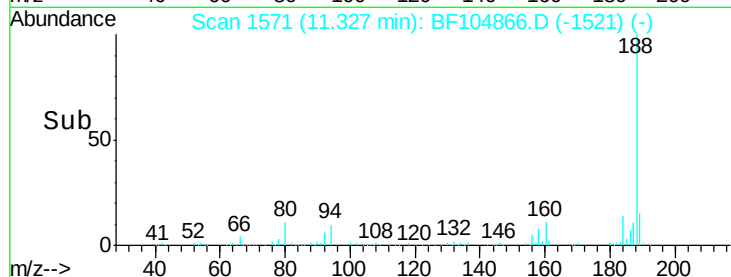
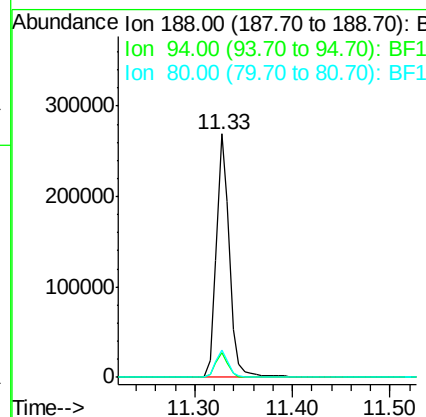
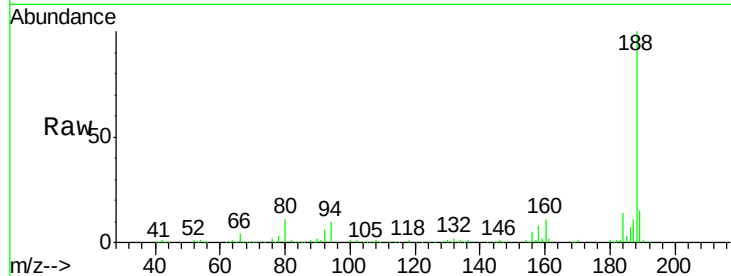
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104866.D
Acq: 27 Apr 2018 6:57

Instrument :
BNA_F
ClientSampleId :
TP-9 4.0-4.5

Tot Ion	Ratio	Resp	Lower	Upper
188	100	248970		
94	10.3		8.5	12.7
80	11.1		9.2	13.8

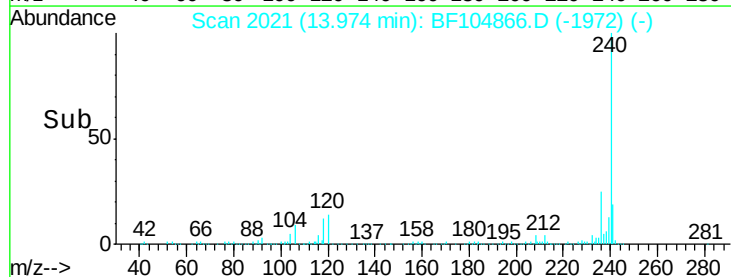
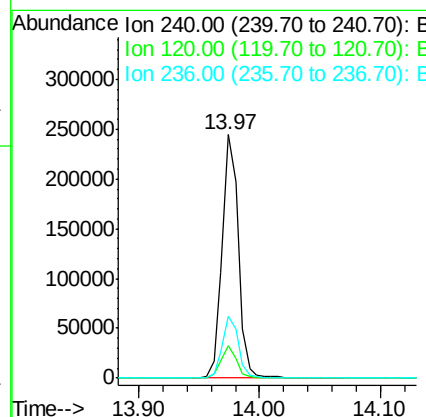
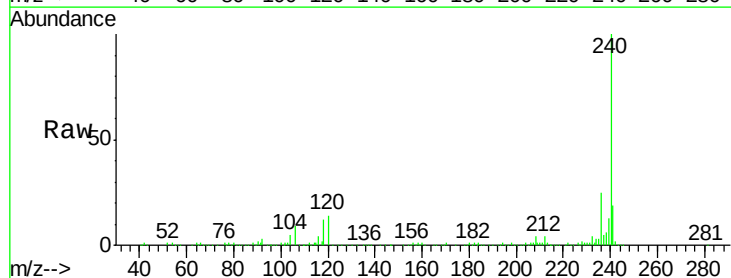
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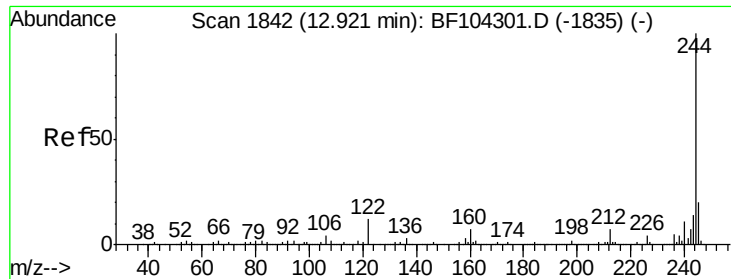
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104866.D
Acq: 27 Apr 2018 6:57

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	225473		
120	13.5		9.5	14.3
236	25.2		20.7	31.1





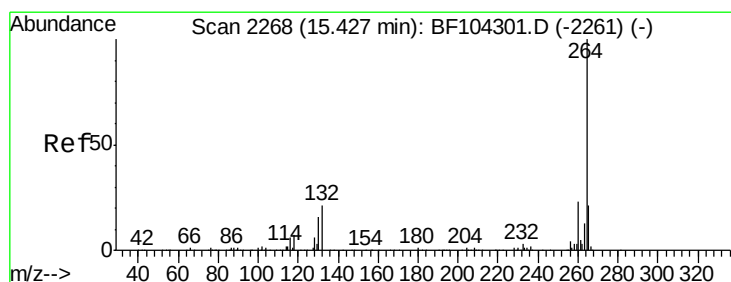
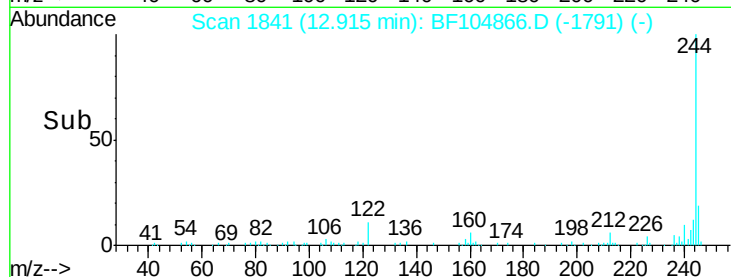
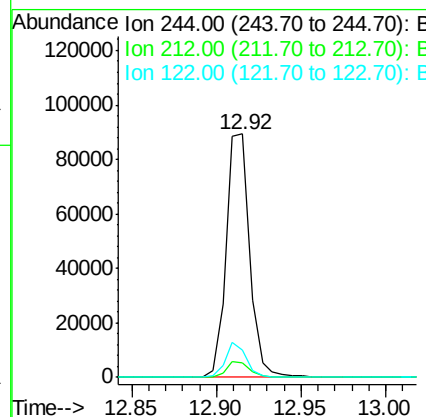
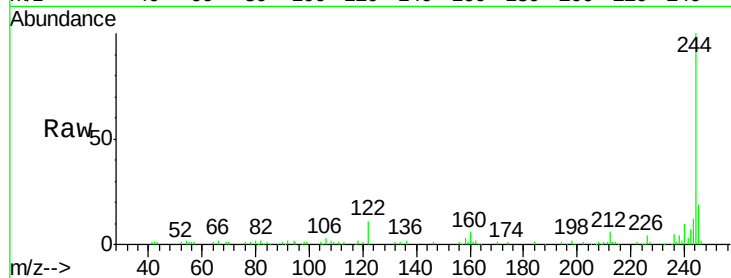
#78
 Terphenyl-d14
 Concen: 8.798 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104866.D
 Acq: 27 Apr 2018 6:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-9 4.0-4.5

Tot Ion	Ratio	Lower	Upper
244	100		
212	5.8	5.4	8.0
122	11.1	11.0	16.4

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.02 min
 Lab File: BF104866.D
 Acq: 27 Apr 2018 6:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.2	17.5	26.3

