

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012418\
 Data File : BF102390.D
 Acq On : 24 Jan 2018 15:35
 Operator : SJ/JU
 Sample : J1235-07 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 30-2

Manual Integrations
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Sohil
 1/25/2018 5:30:33 PM

Quant Time: Jan 25 00:22:17 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	131040	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	546816	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	254332	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	448650	20.00	ng	0.00
75) Chrysene-d12	13.87	240	391396	20.00	ng	0.00
86) Perylene-d12	15.29	264	332782	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	205502	23.78	ng	-0.01
7) Phenol-d6	6.35	99	252538	24.24	ng	-0.01
23) Nitrobenzene-d5	7.27	82	147011	15.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	59063	23.44	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	264931	15.32	ng	-0.01
78) Terphenyl-d14	12.82	244	275102	15.85	ng	0.00
Target Compounds						
59) Diethylphthalate	10.16	149	108712	5.322	ng	99
74) Fluoranthene	12.45	202	86084	3.229	ng	97
77) Pyrene	12.67	202	72996	2.412	ng	98
87) Benzo(b)fluoranthene	14.89	252	58639m	2.719	ng	
91) Benzo(g,h,i)perylene	17.09	276	36162	2.324	ng	99

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

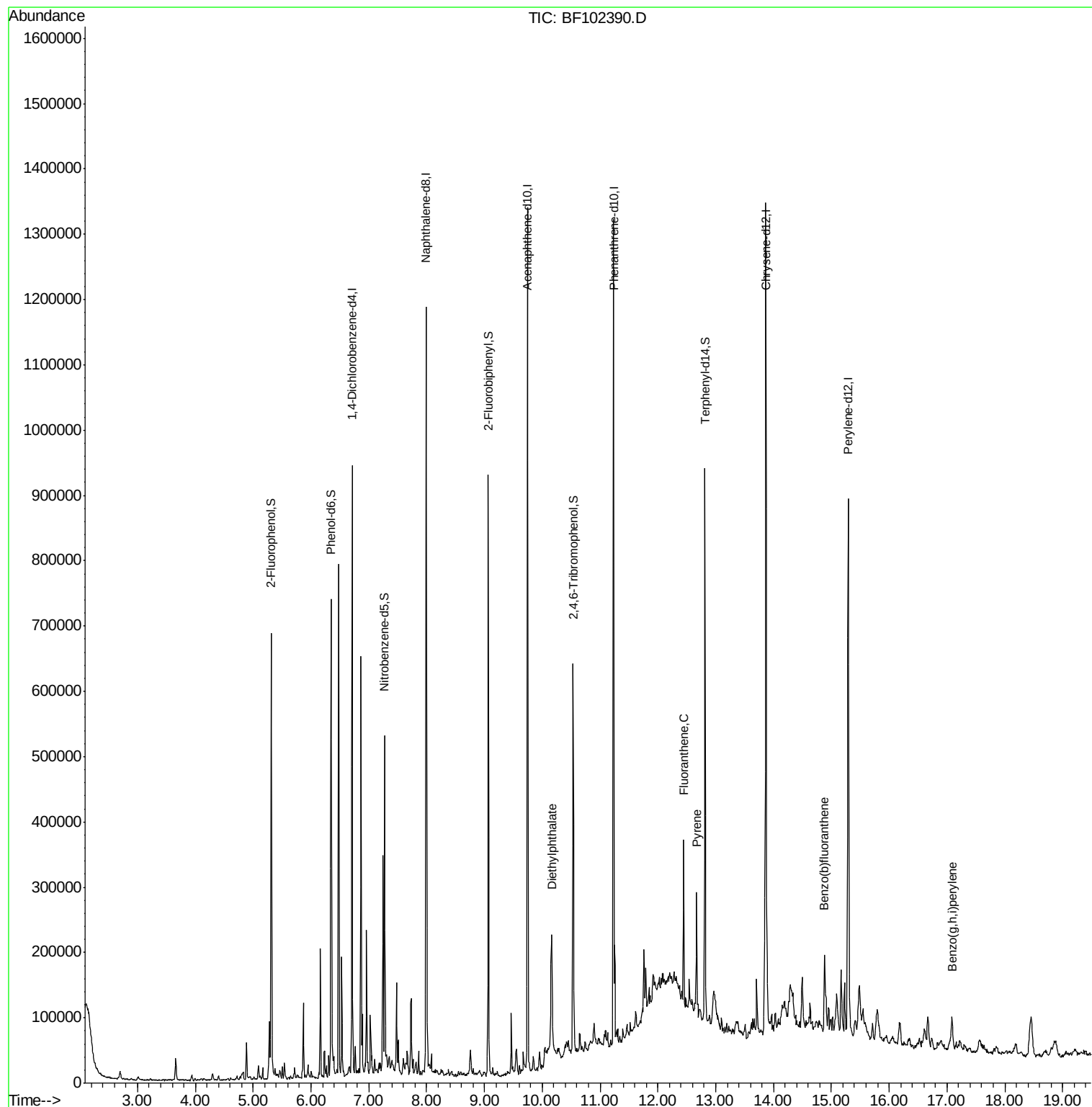
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012418\
Data File : BF102390.D
Acq On : 24 Jan 2018 15:35
Operator : SJ/JU
Sample : J1235-07 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

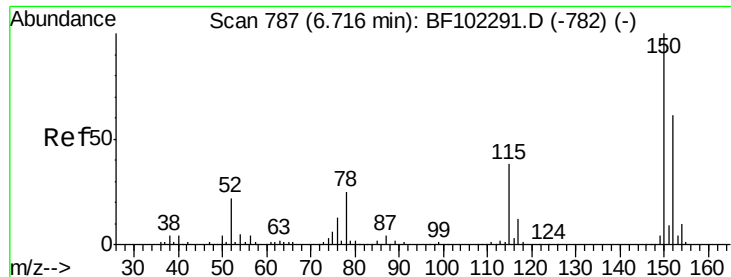
Instrument :
BNA_F
ClientSampled :
30-2

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Quant Time: Jan 25 00:22:17 2018
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QLast Update : Tue Jan 23 00:43:41 2018
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#1

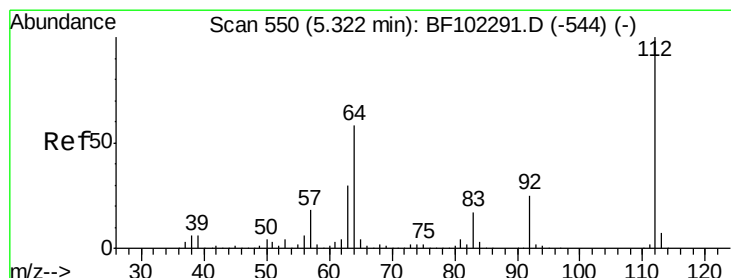
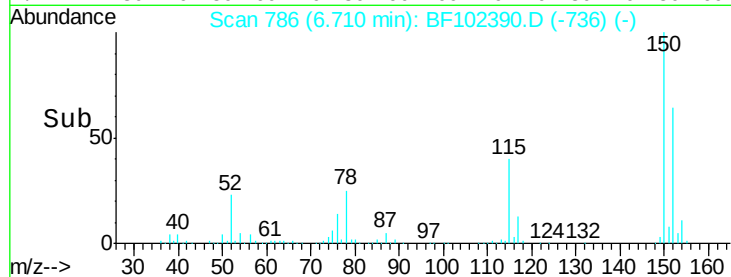
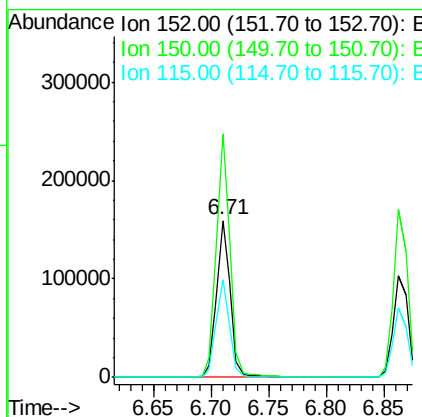
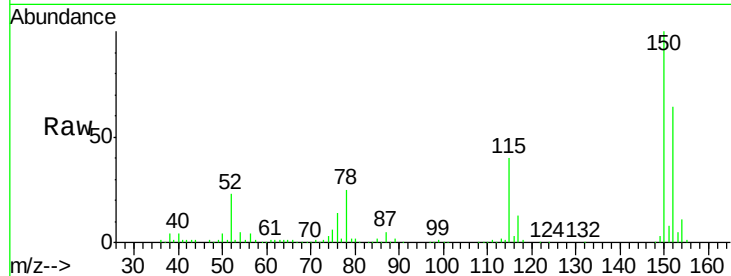
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102390.D
Acq: 24 Jan 2018 15:35

Instrument :
BNA_F
ClientSampleId :
30-2

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	62.1	50.1	75.1

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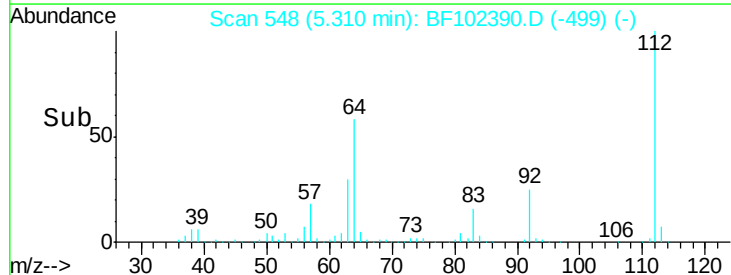
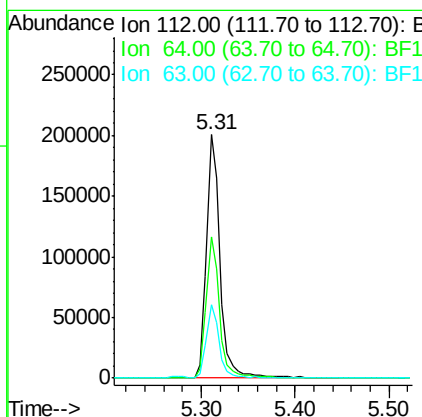
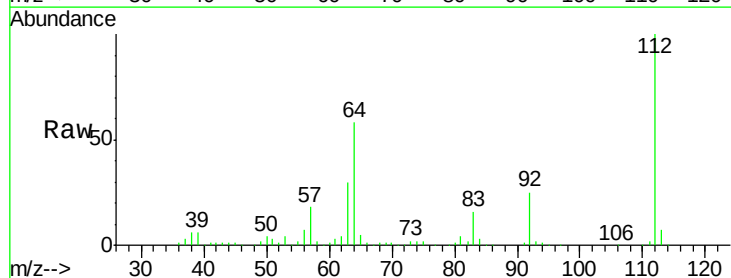
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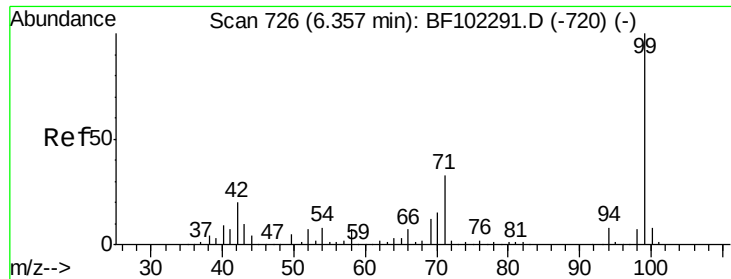


#5

2-Fluorophenol
Concen: 23.779 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF102390.D
Acq: 24 Jan 2018 15:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.9	71.9
63	30.1	23.7	35.5





#7

Phenol-d6

Concen: 24.238 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF102390.D

Acq: 24 Jan 2018 15:35

Instrument :

BNA_F

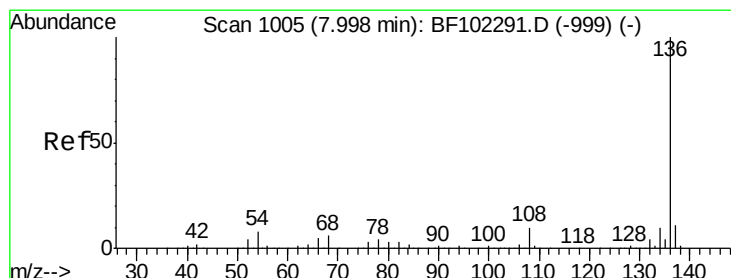
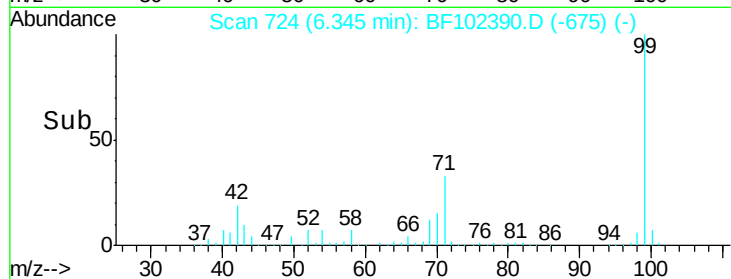
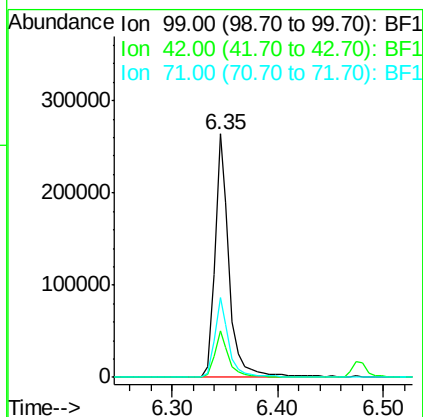
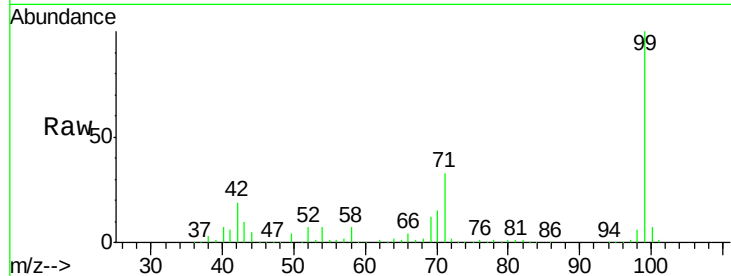
ClientSampled :

30-2

Tgt Ion:	99	Resp:	252538
Ion Ratio	Lower	Upper	
99	100		
42	19.3	14.5	21.7
71	32.9	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

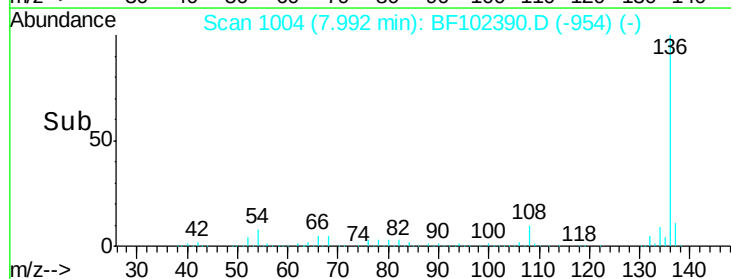
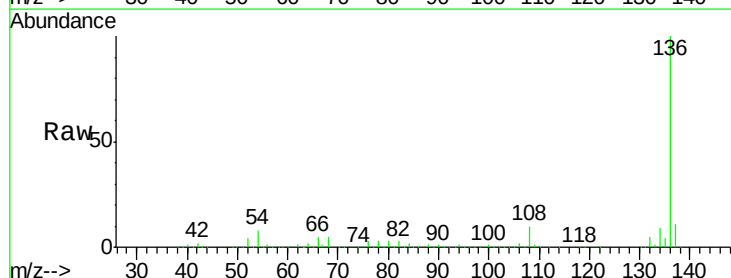
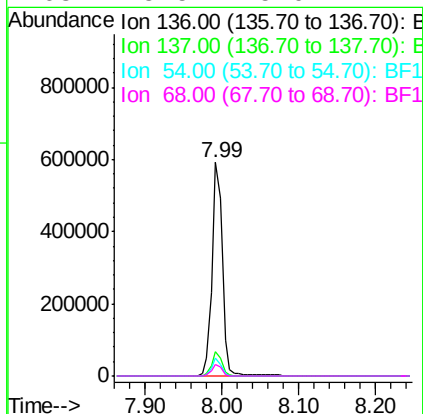
RT: 7.99 min Scan# 1004

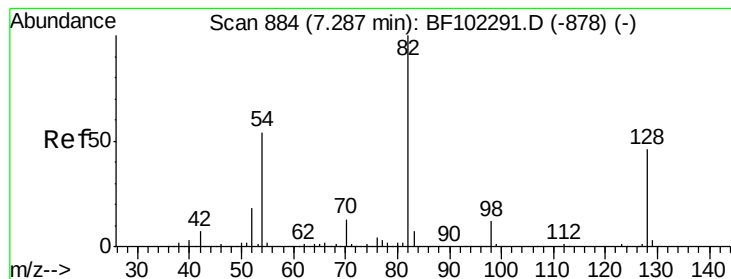
Delta R.T. -0.01 min

Lab File: BF102390.D

Acq: 24 Jan 2018 15:35

Tgt Ion:	136	Resp:	546816
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	8.2	6.6	9.8
68	5.5	5.0	7.4





#23

Nitrobenzene-d5

Concen: 15.450 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF102390.D

Acq: 24 Jan 2018 15:35

Instrument :

BNA_F

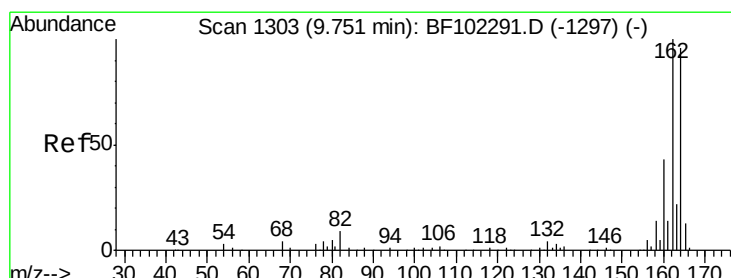
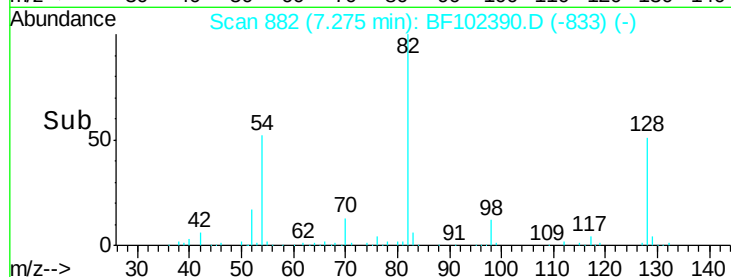
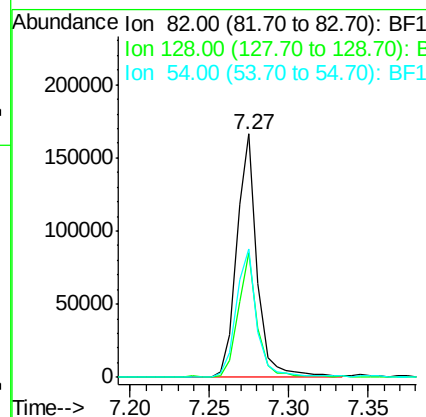
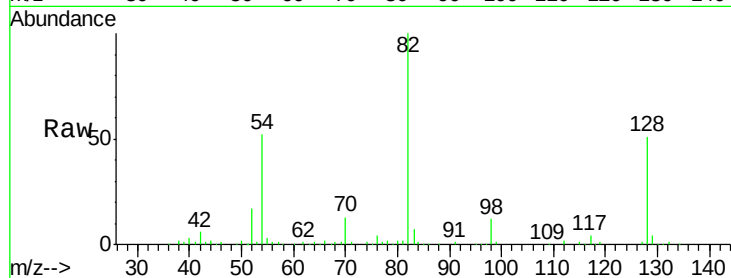
ClientSampled :

30-2

Tgt Ion:	82	Resp:	147011
Ion Ratio	Lower	Upper	
82	100		
128	51.0	36.1	54.1
54	52.5	41.4	62.2

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#38

Acenaphthene-d10

Concen: 20.000 ng

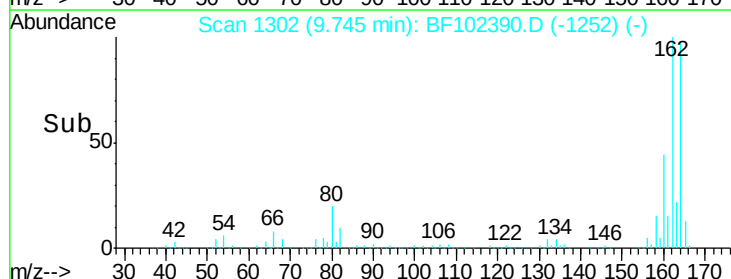
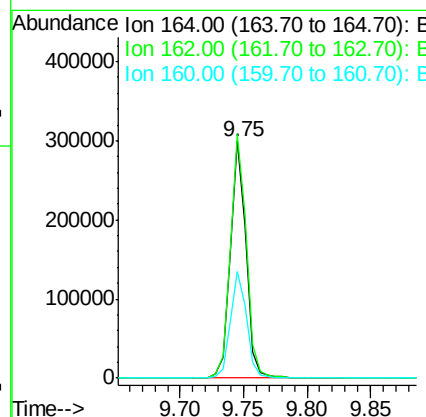
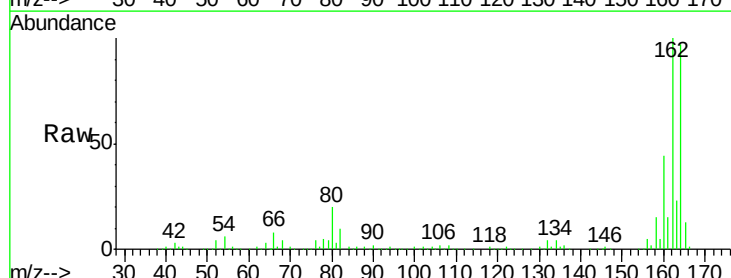
RT: 9.75 min Scan# 1302

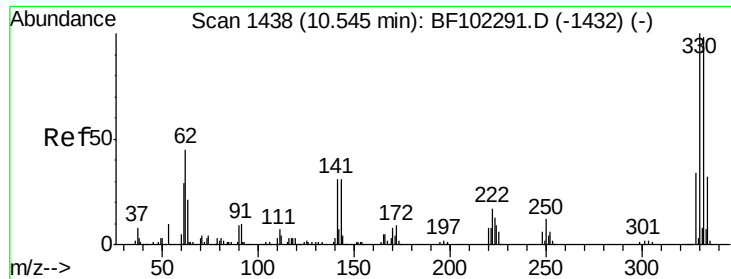
Delta R.T. -0.01 min

Lab File: BF102390.D

Acq: 24 Jan 2018 15:35

Tgt Ion:	164	Resp:	254332
Ion Ratio	Lower	Upper	
164	100		
162	102.7	86.1	129.1
160	44.8	38.3	57.5





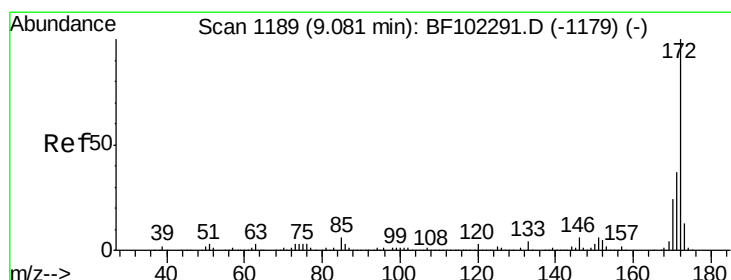
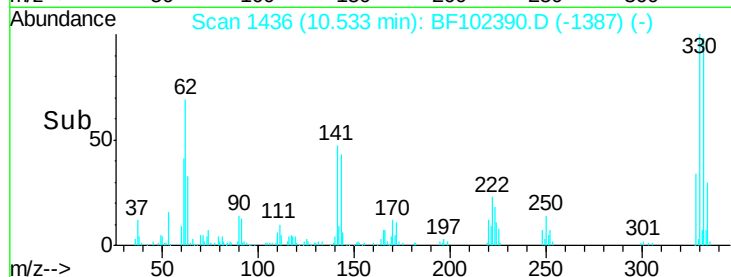
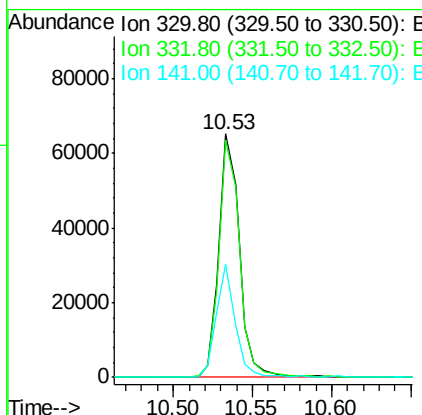
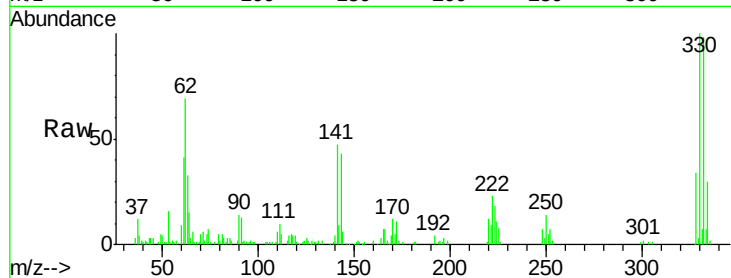
#41
 2,4,6-Tribromophenol
 Concen: 23.437 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF102390.D
 Acq: 24 Jan 2018 15:35

Instrument :
 BNA_F
 ClientSampled :
 30-2

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	42.6	29.9	44.9

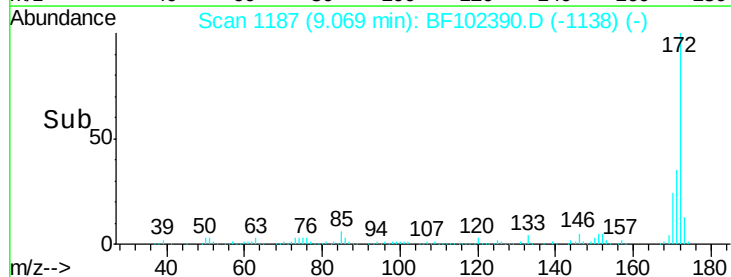
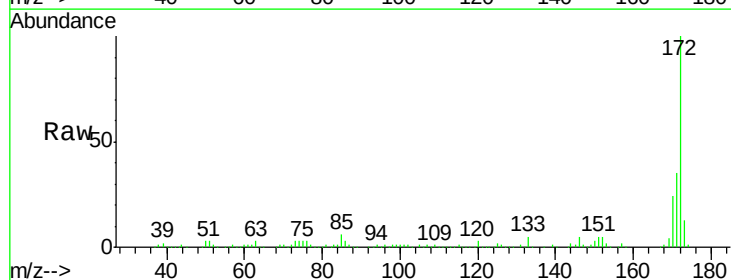
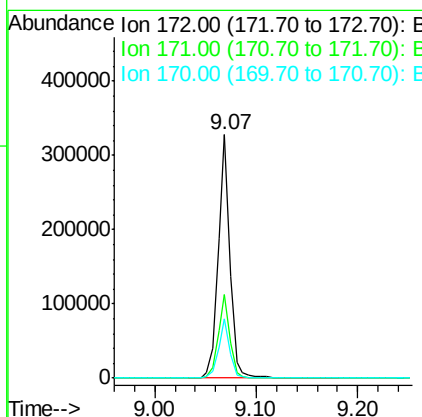
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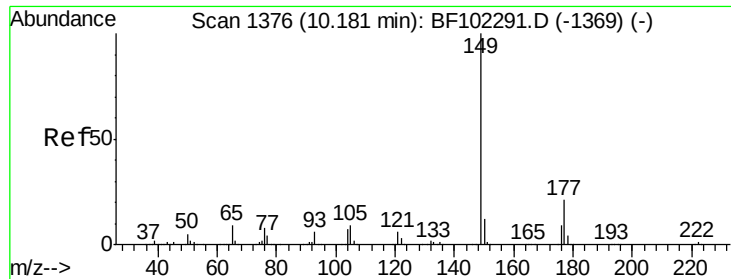
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#44
 2-Fluorobiphenyl
 Concen: 15.316 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102390.D
 Acq: 24 Jan 2018 15:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.7	44.5
170	24.2	19.6	29.4





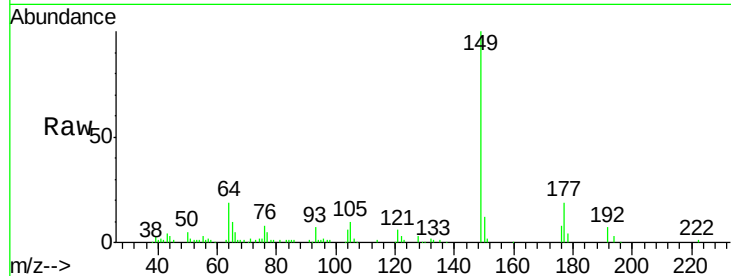
#59
Diethylphthalate
Concen: 5.322 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF102390.D
Acq: 24 Jan 2018 15:35

Instrument :
BNA_F
ClientSampled :
30-2

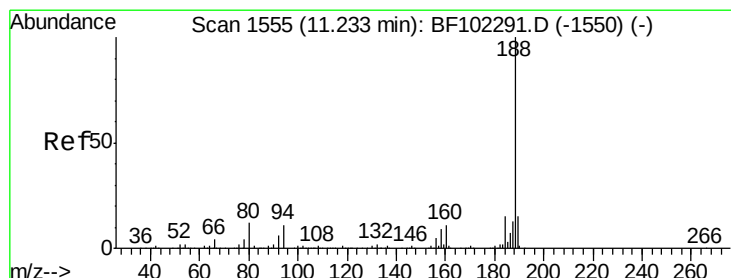
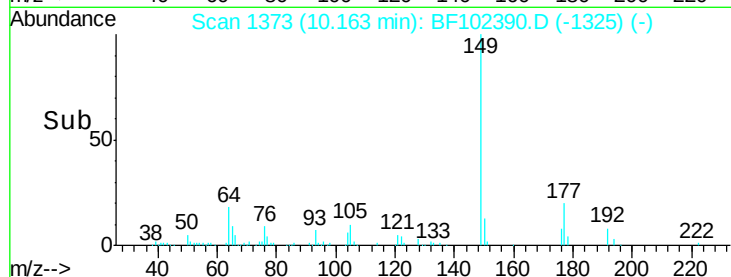
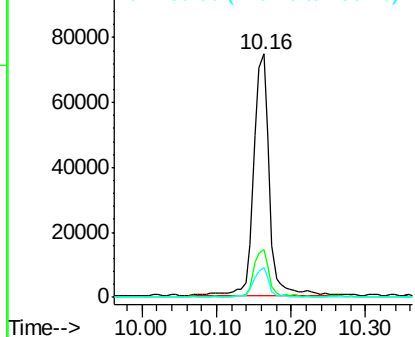
Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	19.5	16.1	24.1
150	12.4	10.1	15.1

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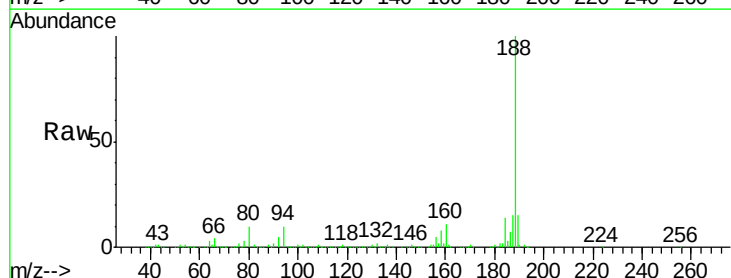


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

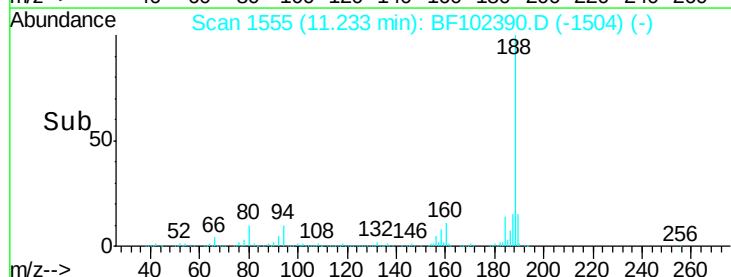
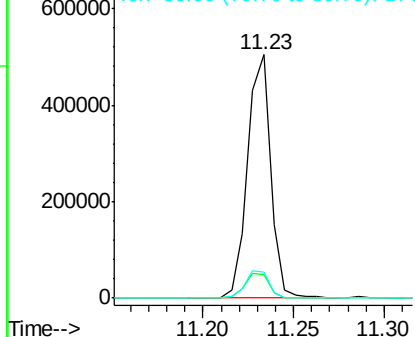


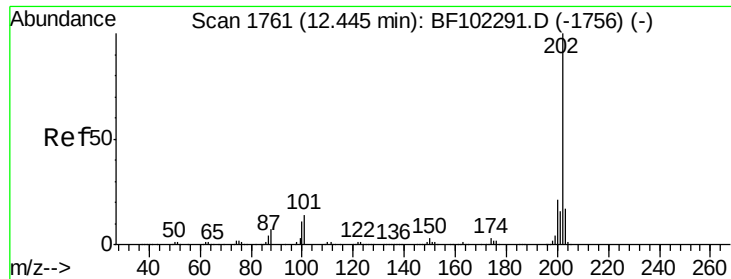
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102390.D
Acq: 24 Jan 2018 15:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.8	8.5	12.7
80	10.5	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#74

Fluoranthene

Concen: 3.229 ng

RT: 12.45 min Scan# 1761

Delta R.T. -0.00 min

Lab File: BF102390.D

Acq: 24 Jan 2018 15:35

Instrument :

BNA_F

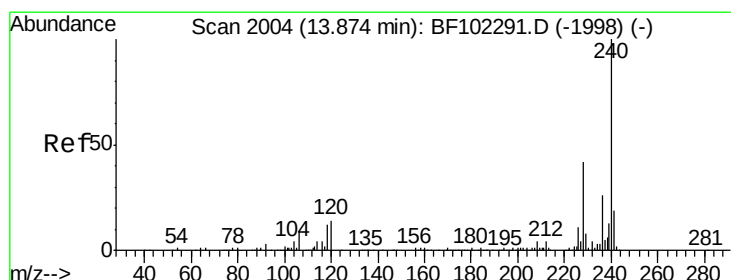
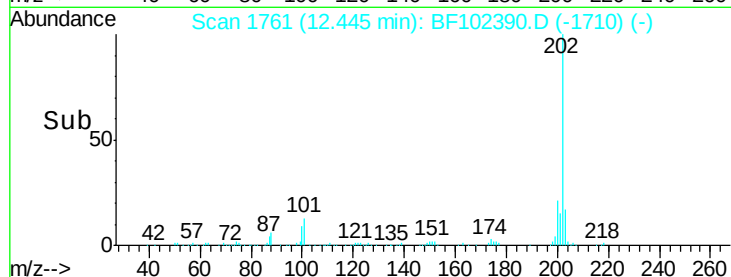
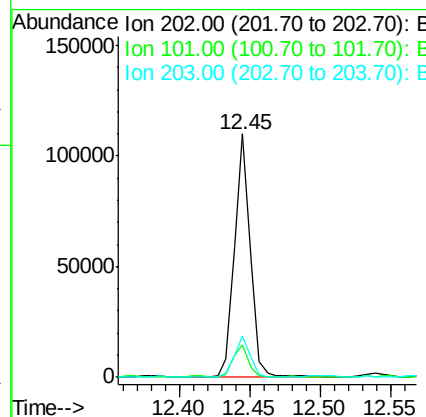
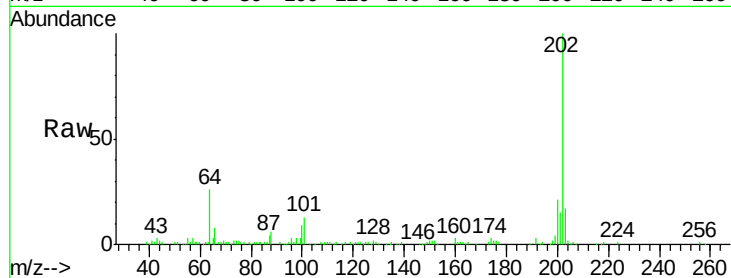
ClientSampled :

30-2

Tgt Ion:	202	Resp:	86084
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	34.1
203	16.9	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

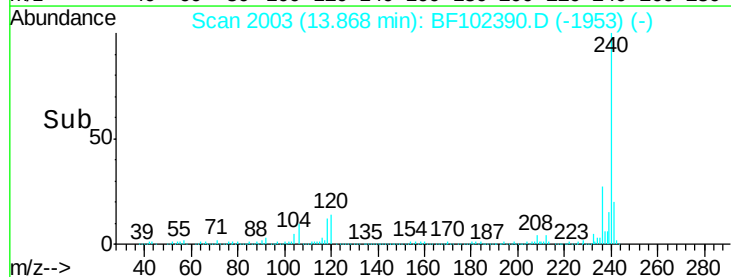
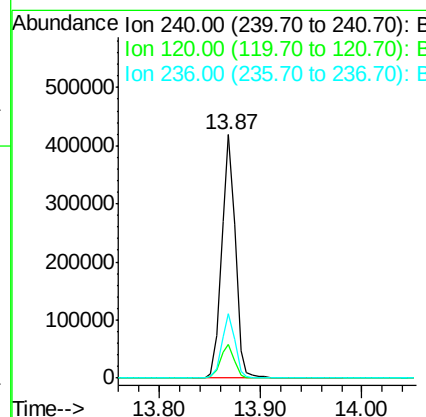
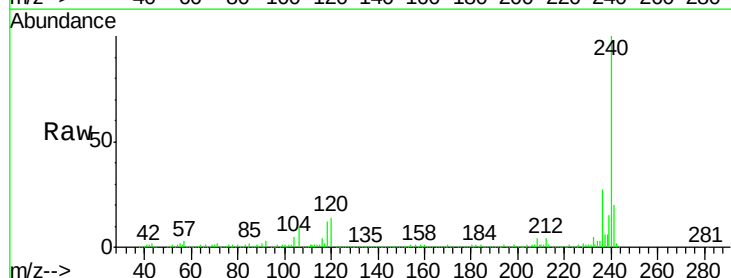
RT: 13.87 min Scan# 2003

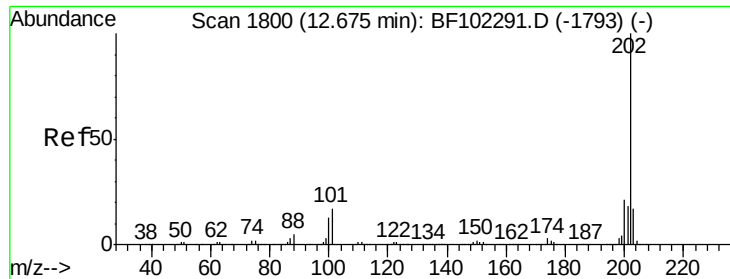
Delta R.T. -0.01 min

Lab File: BF102390.D

Acq: 24 Jan 2018 15:35

Tgt Ion:	240	Resp:	391396
Ion Ratio	Lower	Upper	
240	100		
120	14.1	9.5	14.3
236	26.6	20.7	31.1





#77

Pyrene

Concen: 2.412 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF102390.D

Acq: 24 Jan 2018 15:35

Instrument :

BNA_F

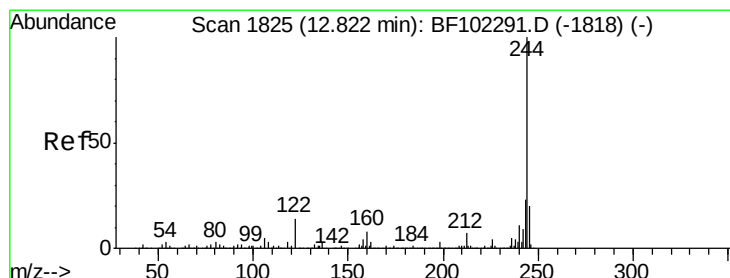
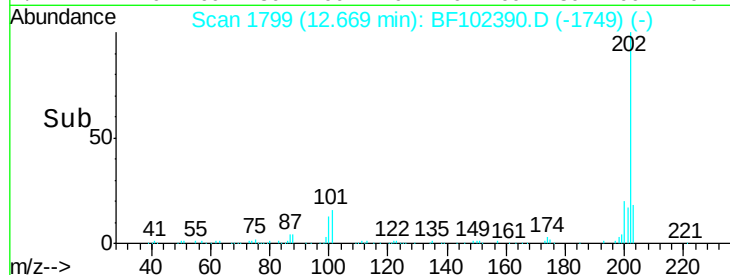
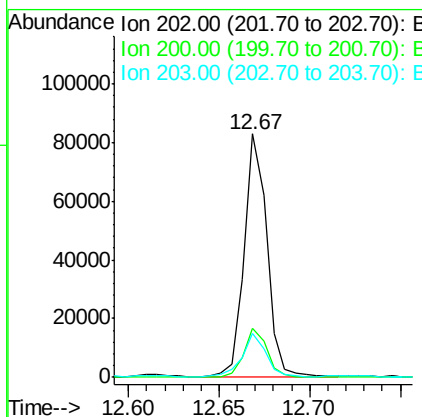
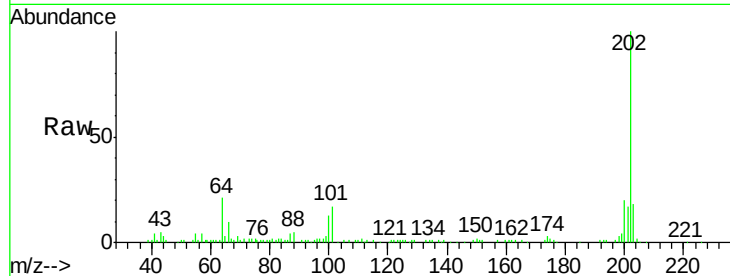
ClientSampled :

30-2

Tgt Ion:	202	Resp:	72996
Ion Ratio	Lower	Upper	
202	100		
200	20.2	17.4	26.2
203	18.0	14.3	21.5

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#78

Terphenyl-d14

Concen: 15.845 ng

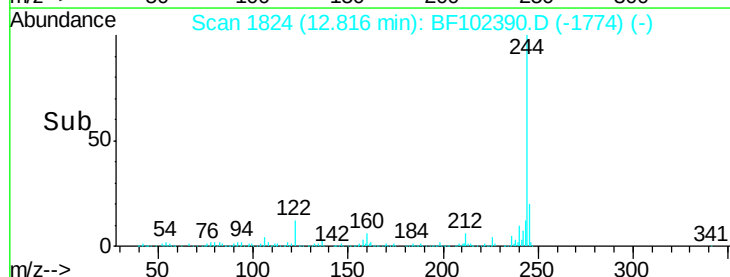
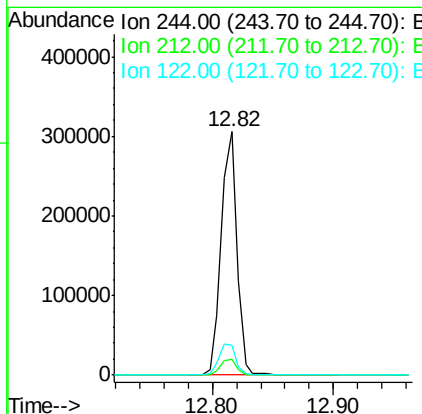
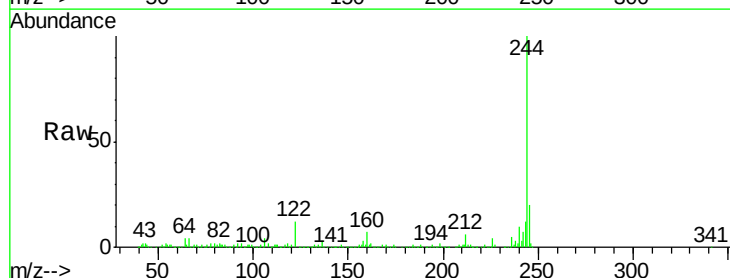
RT: 12.82 min Scan# 1824

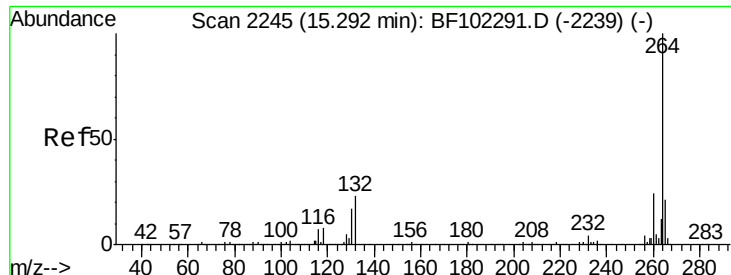
Delta R.T. -0.01 min

Lab File: BF102390.D

Acq: 24 Jan 2018 15:35

Tgt Ion:	244	Resp:	275102
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.4	8.0
122	12.1	11.0	16.4





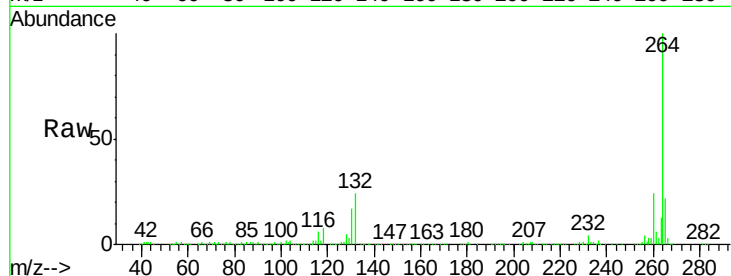
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. -0.00 min
Lab File: BF102390.D
Acq: 24 Jan 2018 15:35

Instrument :
BNA_F
ClientSampleId :
30-2

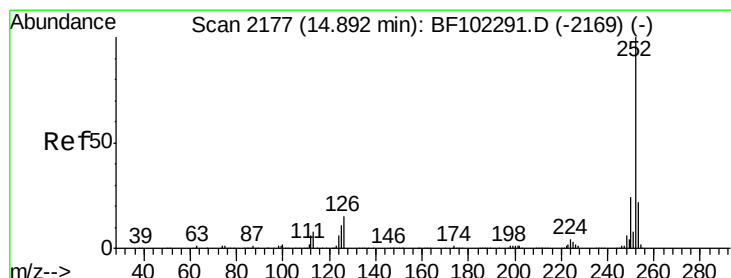
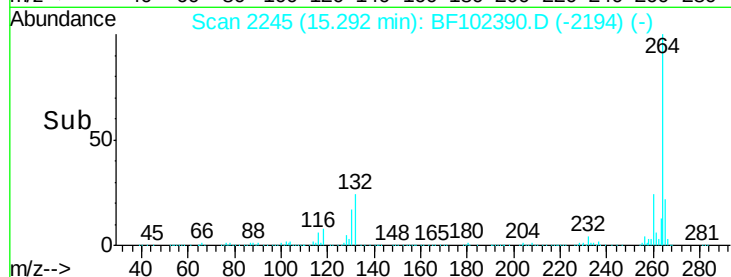
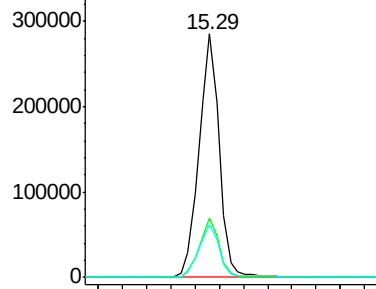
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.7	17.5	26.3

Manual Integrations
APPROVED

Sohil
1/25/2018 5:30:33 PM



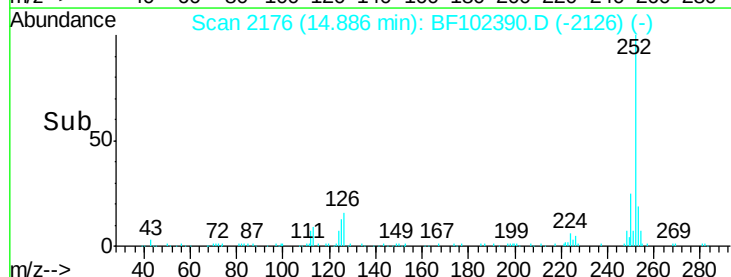
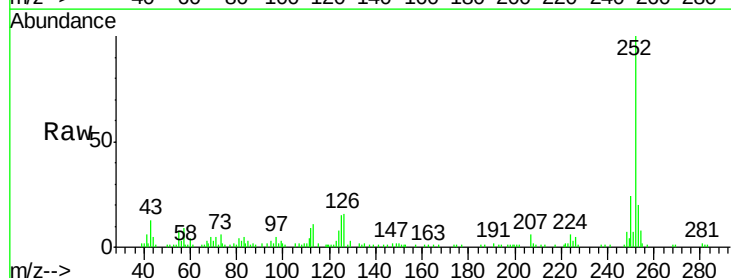
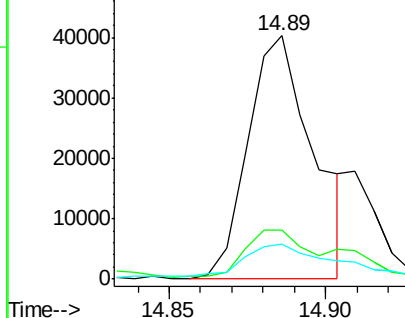
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

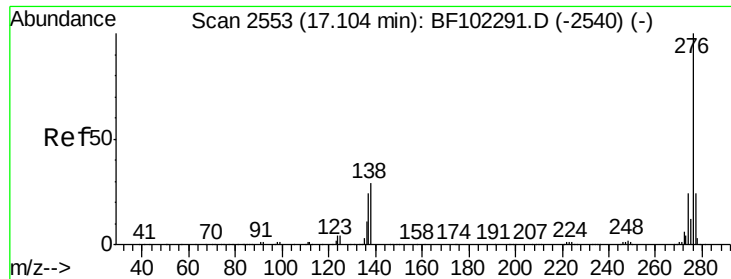


#87
Benzo(b)fluoranthene
Concen: 2.719 ng m
RT: 14.89 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF102390.D
Acq: 24 Jan 2018 15:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.0	17.0	25.6
125	14.6	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





#91
 Benzo(g,h,i)perylene
 Concen: 2.324 ng
 RT: 17.09 min Scan# 2550
 Delta R.T. -0.02 min
 Lab File: BF102390.D
 Acq: 24 Jan 2018 15:35

Instrument :
 BNA_F
 ClientSampleId :
 30-2

Tgt Ion:	276	Resp:	36162
Ion Ratio		Lower	Upper
276	100		
277	21.9	17.9	26.9
138	28.1	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 1/25/2018 5:30:33 PM

