

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121917\
 Data File : BF101526.D
 Acq On : 19 Dec 2017 16:59
 Operator : SJ/JU
 Sample : I6927-01 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-4297-39456

Manual Integrations
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Sohil
 12/20/2017 3:47:51 PM

Quant Time: Dec 20 07:19:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	152200	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	619749	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	272898	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	476578	20.00	ng	0.00
75) Chrysene-d12	13.99	240	282695	20.00	ng	0.00
86) Perylene-d12	15.46	264	328663	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	420084	41.11	ng	0.00
7) Phenol-d6	6.45	99	530489	41.72	ng	0.00
23) Nitrobenzene-d5	7.37	82	318736	28.63	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	106728	40.59	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	576071	32.75	ng	0.00
78) Terphenyl-d14	12.92	244	443751	37.84	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	57473	2.618	ng	100
70) Phenanthrene	11.36	178	54163	2.044	ng	99
74) Fluoranthene	12.56	202	80575	2.896	ng	97
77) Pyrene	12.56	202	80575	3.798	ng	95

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

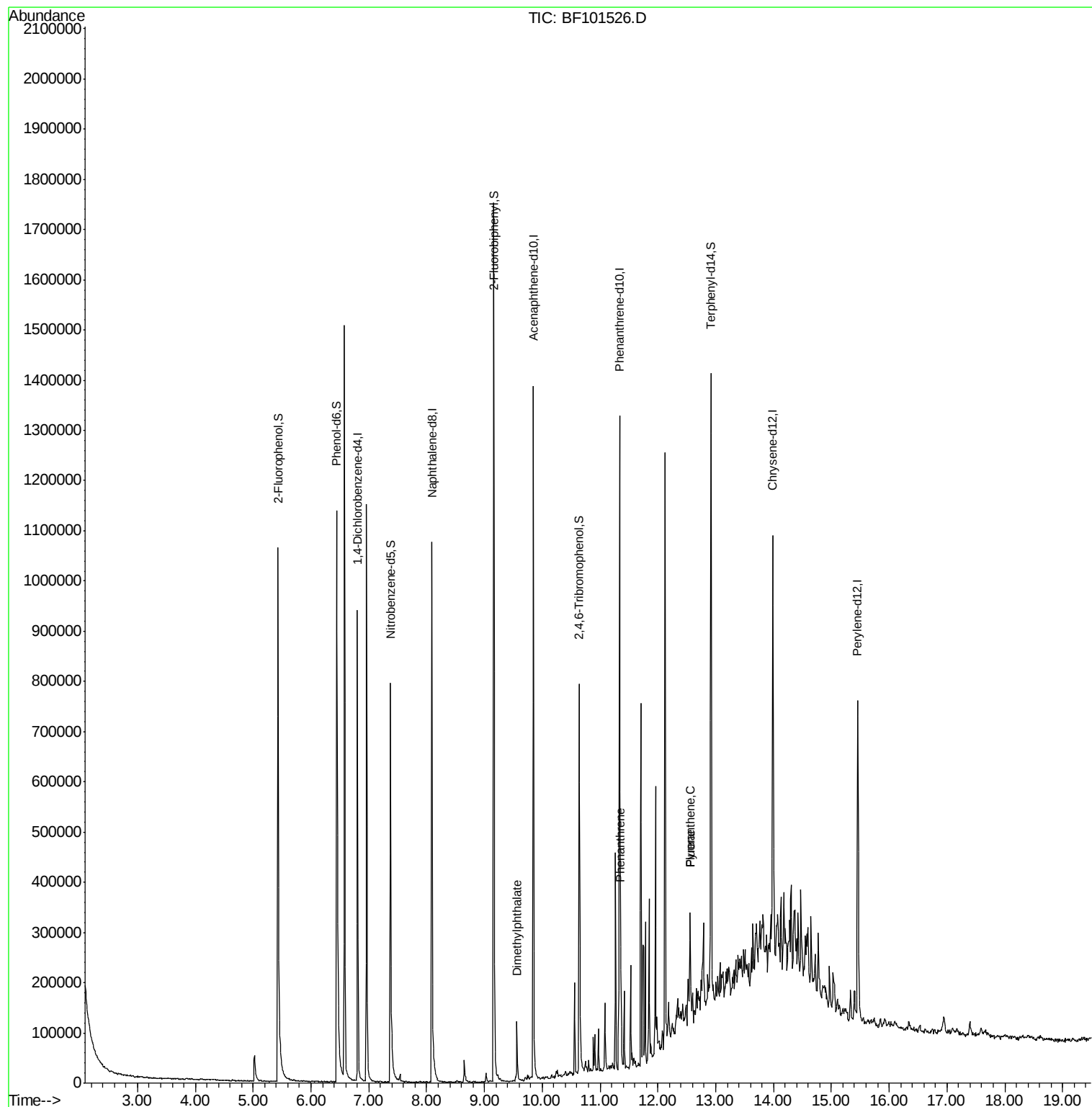
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101526.D
Acq On : 19 Dec 2017 16:59
Operator : SJ/JU
Sample : I6927-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

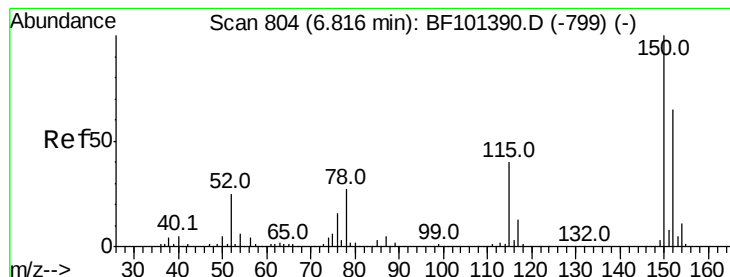
Instrument :
BNA_F
ClientSampleId :
R-4297-39456

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12/20/2017 3:47:51 PM

Quant Time: Dec 20 07:19:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 18 15:38:59 2017
Response via : Initial Calibration





#1

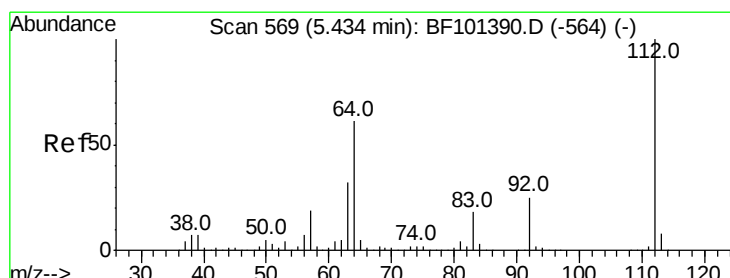
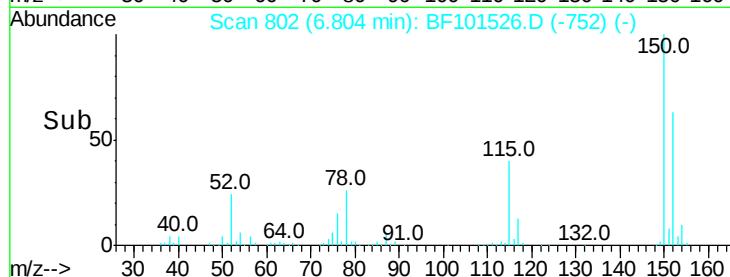
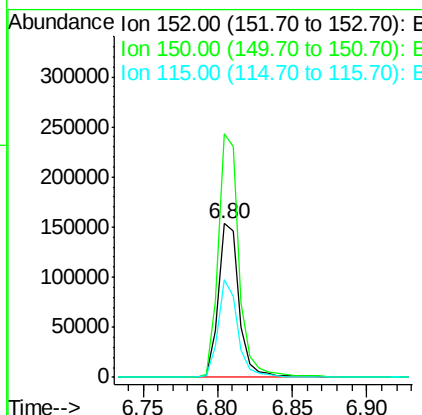
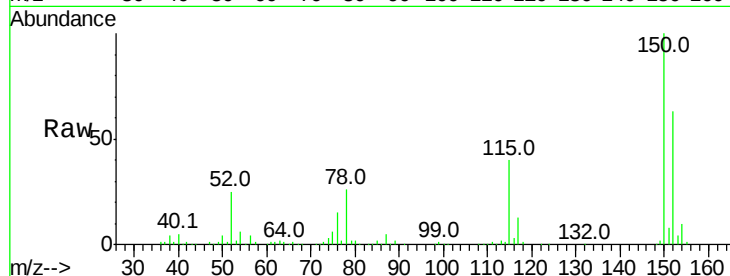
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF101526.D
Acq: 19 Dec 2017 16:59

Instrument :
BNA_F
ClientSampleId :
R-4297-39456

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	63.3	50.1	75.1

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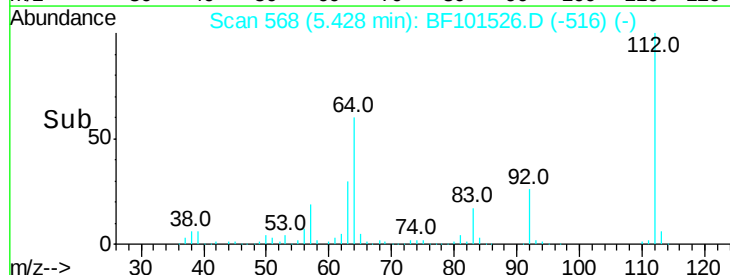
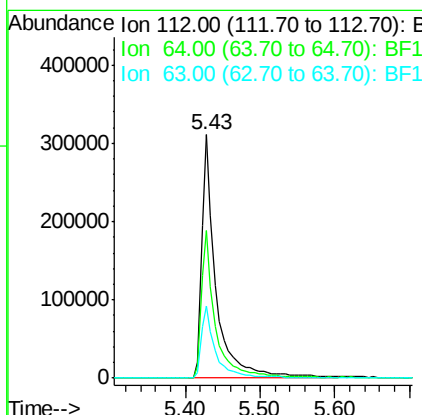
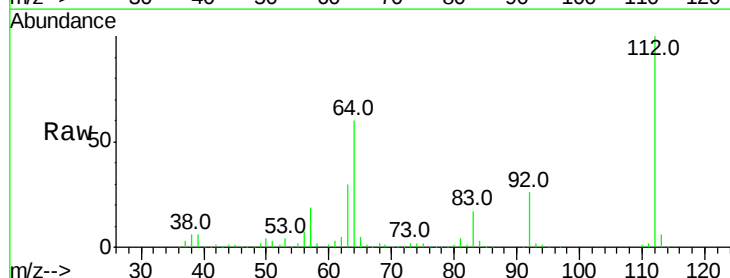
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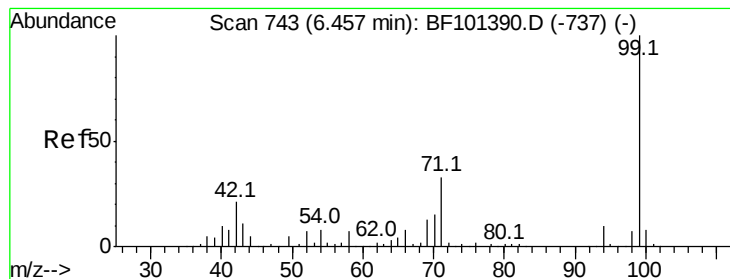


#5

2-Fluorophenol
Concen: 41.114 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF101526.D
Acq: 19 Dec 2017 16:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	47.9	71.9
63	29.8	23.7	35.5





#7

Phenol-d6

Concen: 41.717 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF101526.D

Acq: 19 Dec 2017 16:59

Instrument :

BNA_F

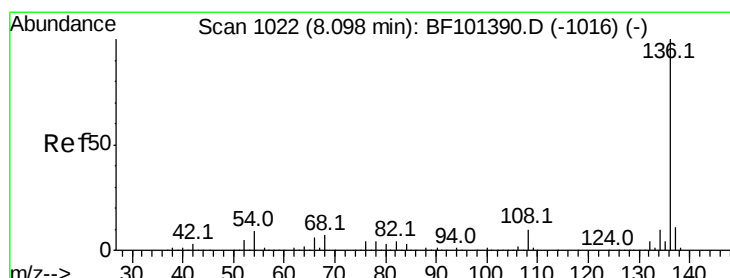
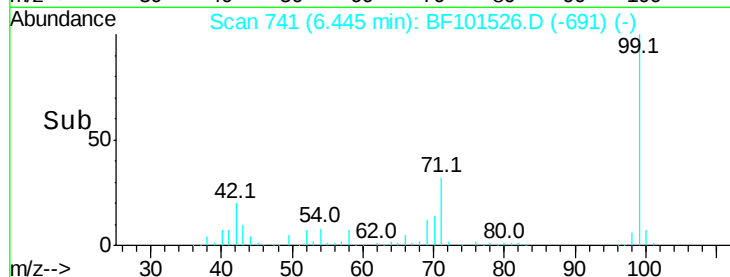
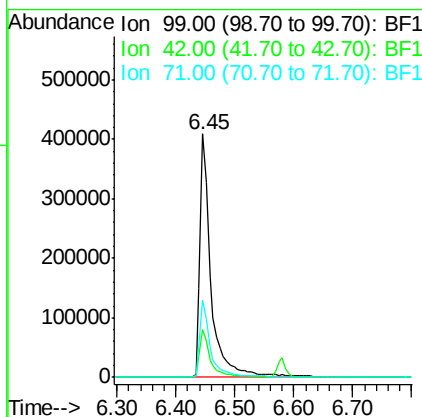
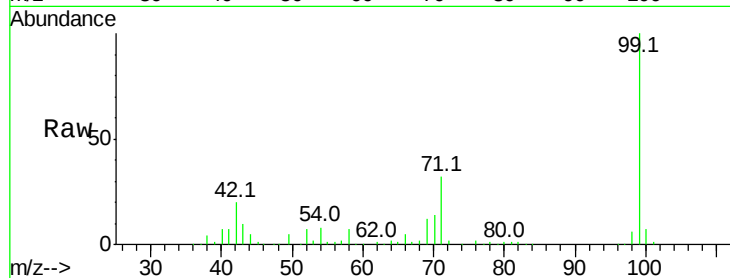
ClientSampled :

R-4297-39456

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		530489		
42	19.9	14.5	21.7		
71	31.8	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

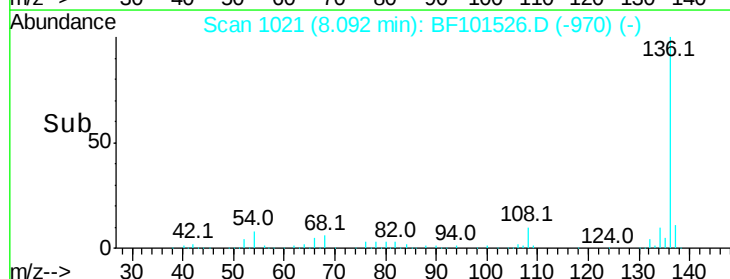
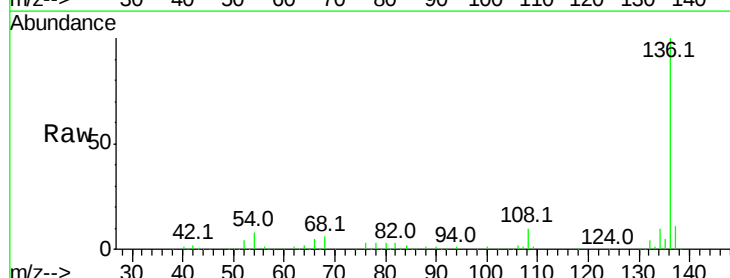
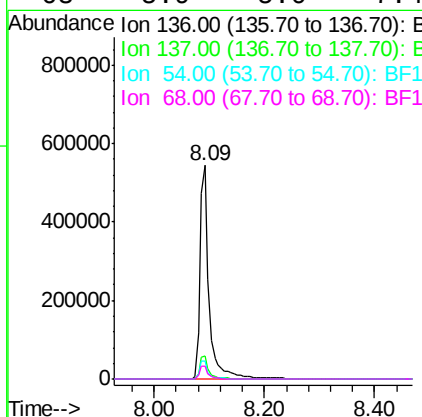
RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF101526.D

Acq: 19 Dec 2017 16:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		619749		
137	11.0	8.9	13.3		
54	8.2	6.6	9.8		
68	5.9	5.0	7.4		





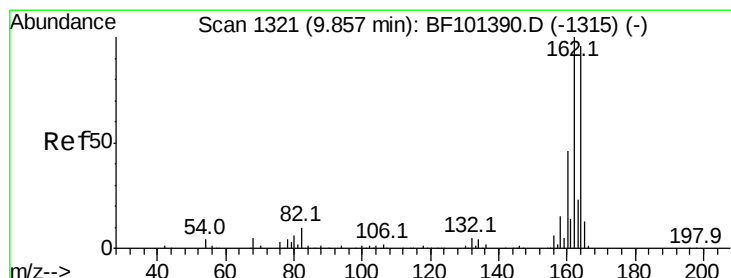
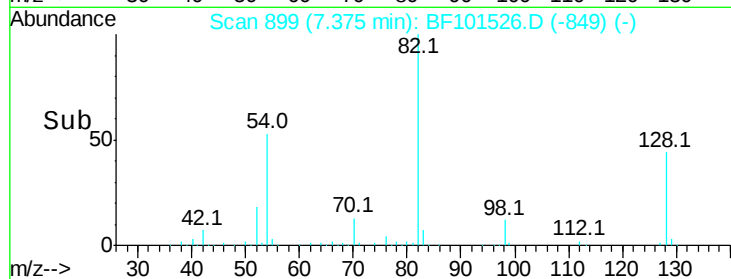
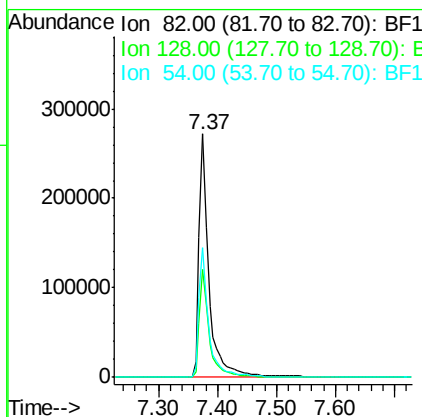
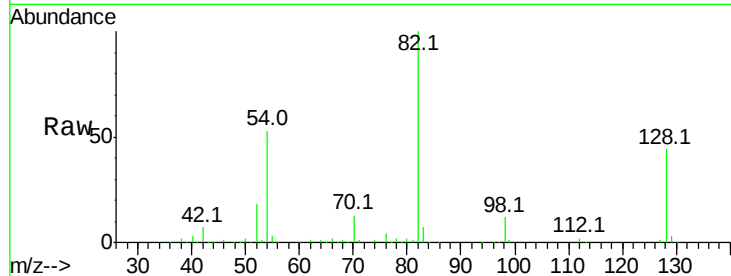
#23
Nitrobenzene-d5
Concen: 28.629 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF101526.D
Acq: 19 Dec 2017 16:59

Instrument :
BNA_F
ClientSampleId :
R-4297-39456

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	53.5	41.4	62.2

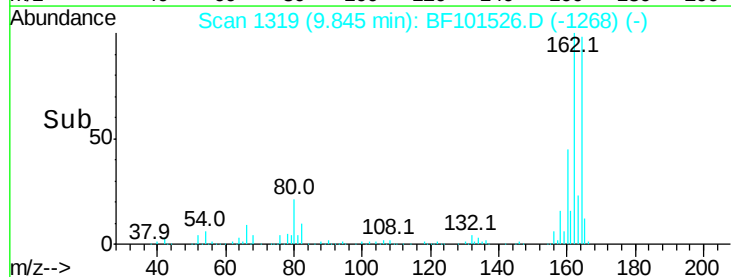
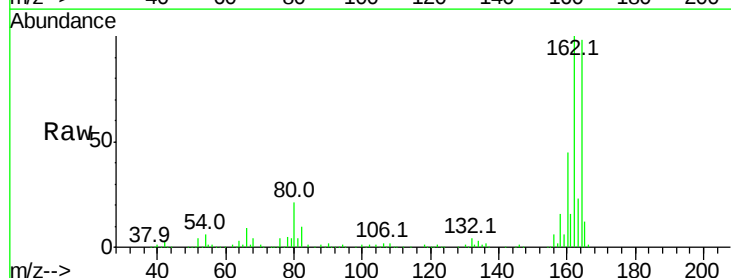
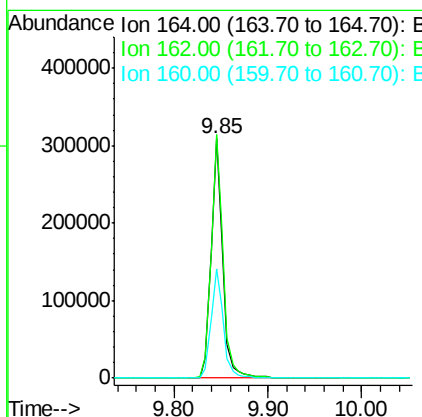
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF101526.D
Acq: 19 Dec 2017 16:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	86.1	129.1
160	45.7	38.3	57.5





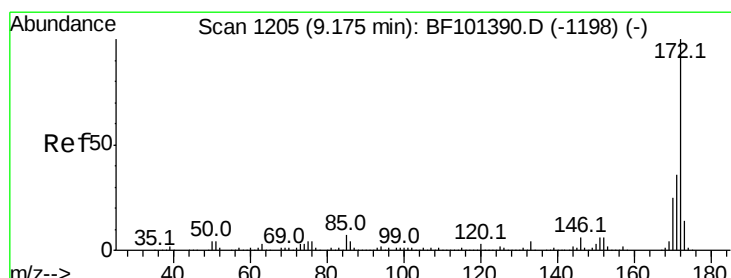
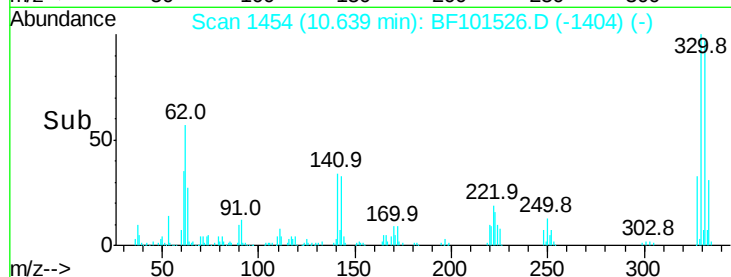
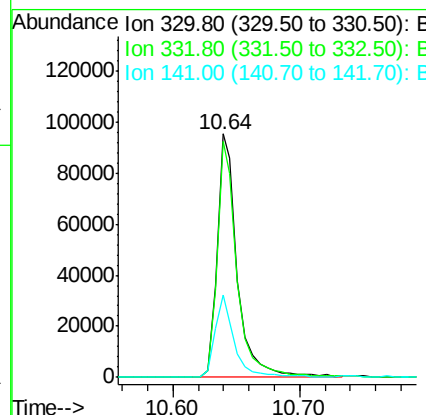
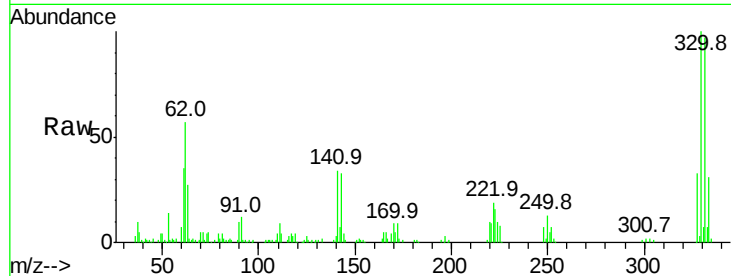
#41
 2,4,6-Tribromophenol
 Concen: 40.587 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF101526.D
 Acq: 19 Dec 2017 16:59

Instrument :
 BNA_F
 ClientSampleId :
 R-4297-39456

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	32.7	29.9	44.9

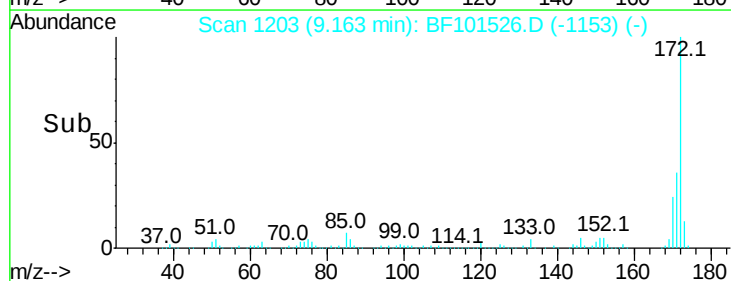
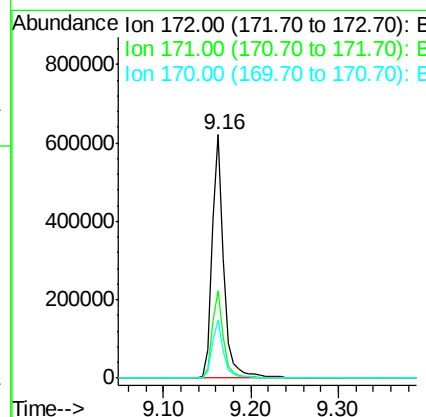
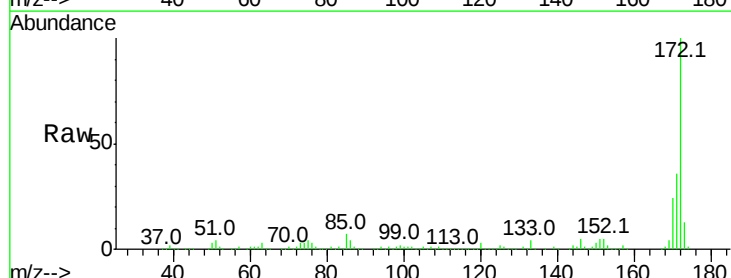
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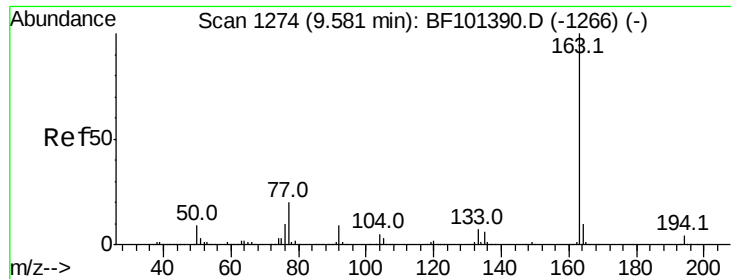
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#44
 2-Fluorobiphenyl
 Concen: 32.746 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF101526.D
 Acq: 19 Dec 2017 16:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.7	19.6	29.4





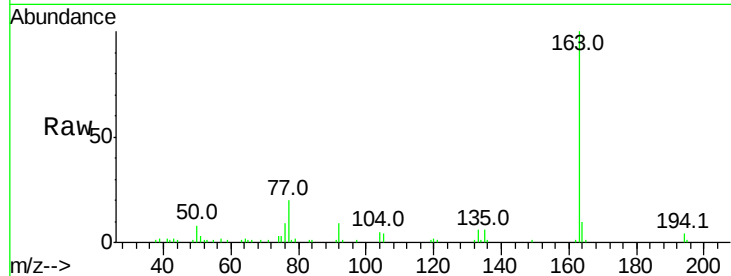
#49
Dimethylphthalate
Concen: 2.618 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF101526.D
Acq: 19 Dec 2017 16:59

Instrument :
BNA_F
ClientSampleId :
R-4297-39456

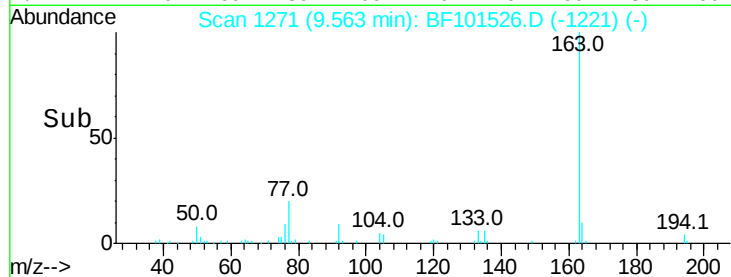
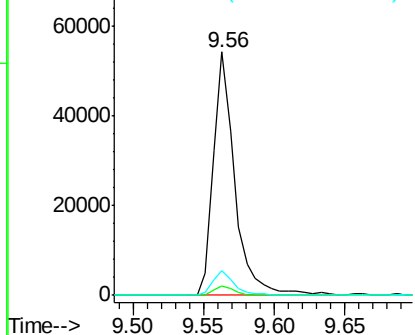
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.1	8.2	12.2

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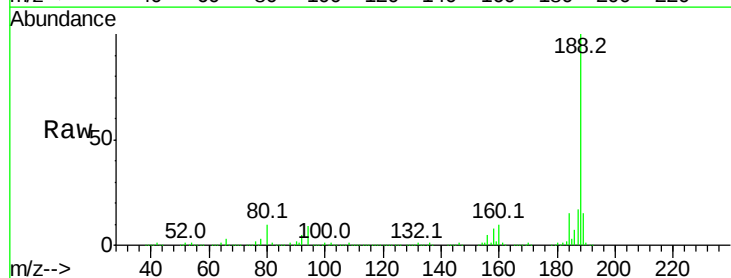
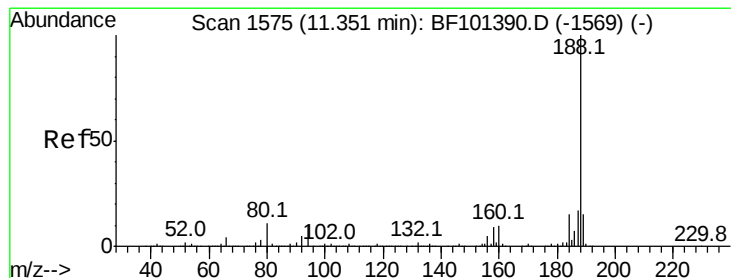
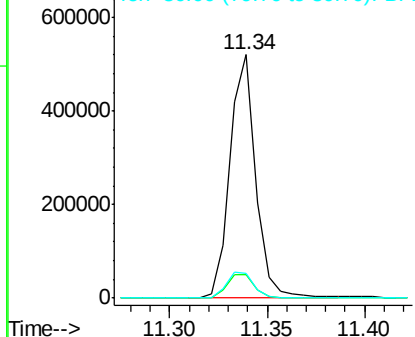
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

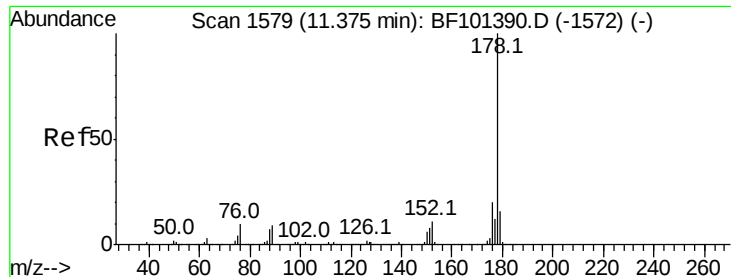


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF101526.D
Acq: 19 Dec 2017 16:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.0	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





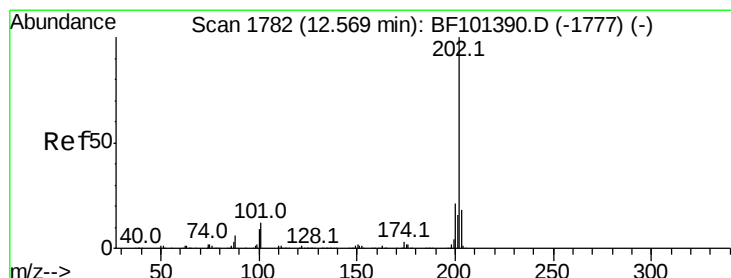
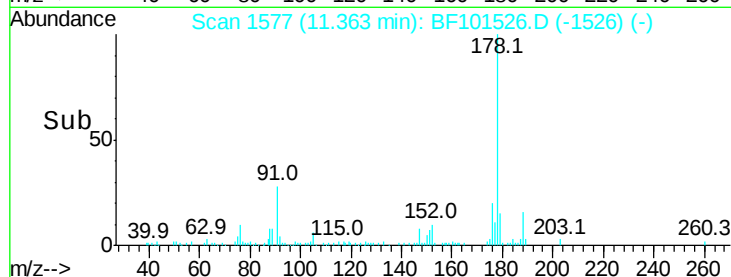
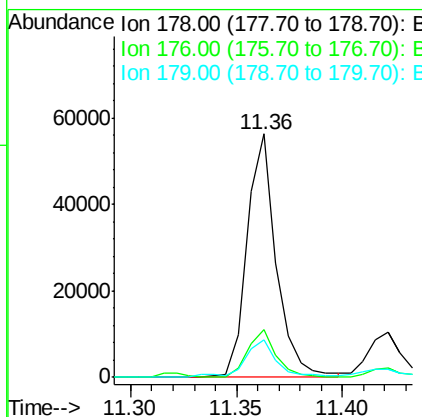
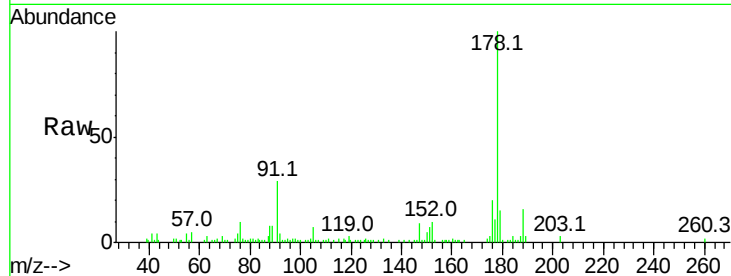
#70
Phenanthrene
Concen: 2.044 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF101526.D
Acq: 19 Dec 2017 16:59

Instrument :
BNA_F
ClientSampleId :
R-4297-39456

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.2	13.0	19.6

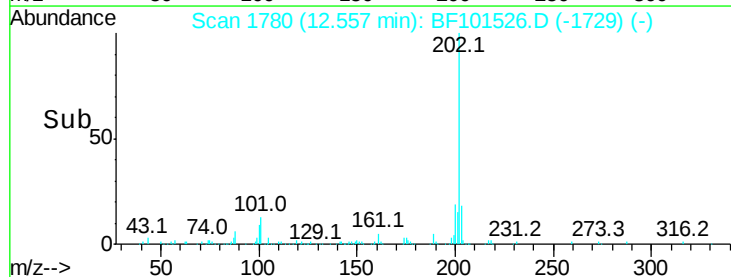
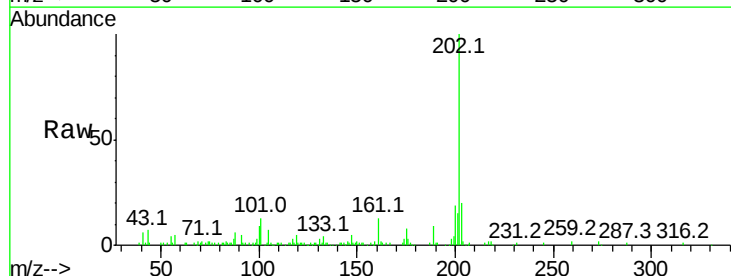
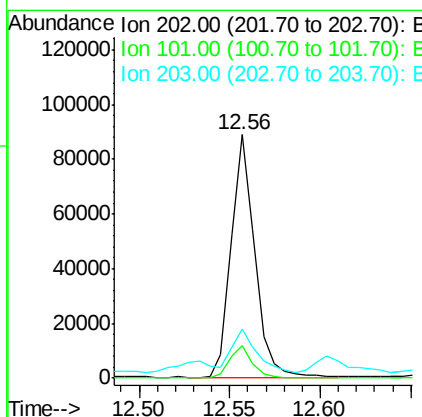
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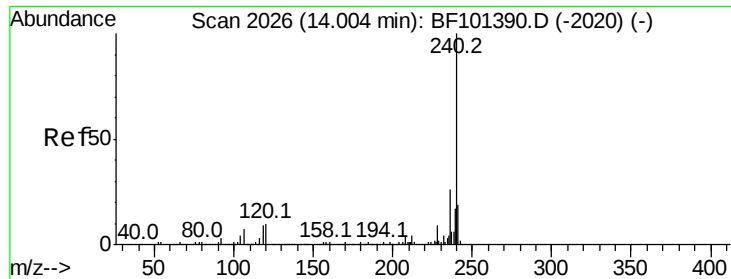
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#74
Fluoranthene
Concen: 2.896 ng
RT: 12.56 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BF101526.D
Acq: 19 Dec 2017 16:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	34.1
203	19.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF101526.D

Acq: 19 Dec 2017 16:59

Instrument :

BNA_F

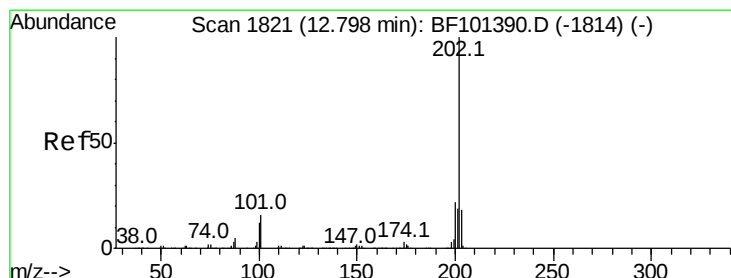
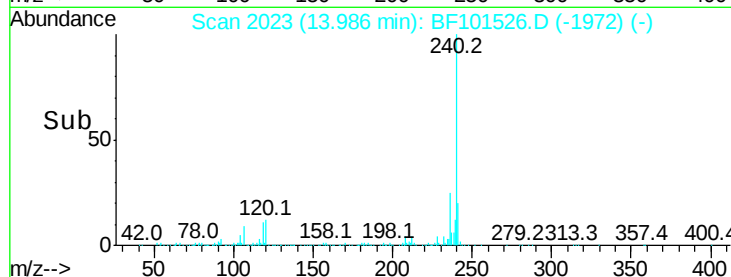
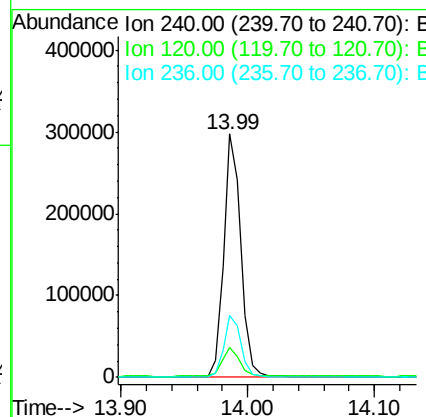
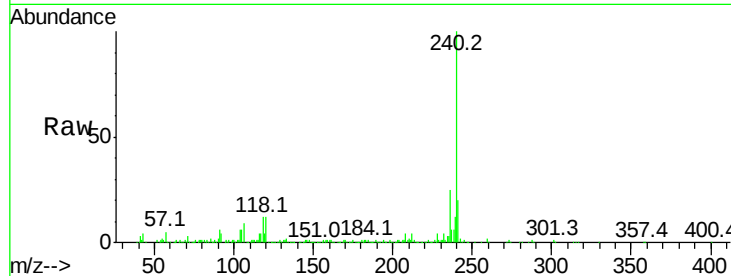
ClientSampleId :

R-4297-39456

Tot Ion:	240	Resp:	282695
Ion Ratio	Lower	Upper	
240	100		
120	12.5	9.5	14.3
236	25.4	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 3.798 ng

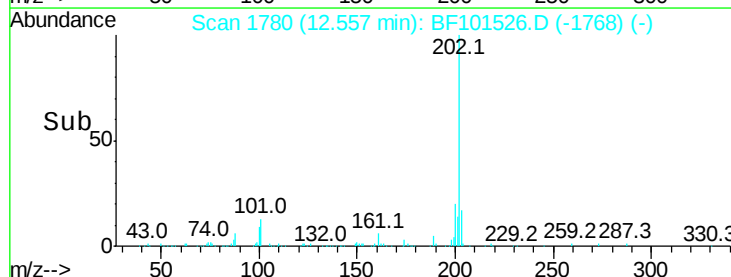
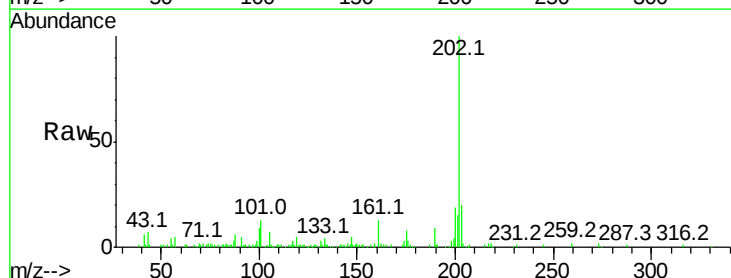
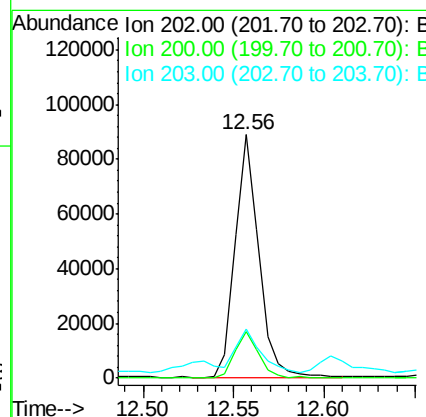
RT: 12.56 min Scan# 1780

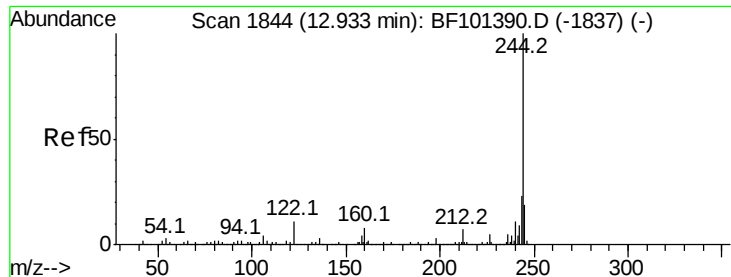
Delta R.T. -0.23 min

Lab File: BF101526.D

Acq: 19 Dec 2017 16:59

Tgt Ion:	202	Resp:	80575
Ion Ratio	Lower	Upper	
202	100		
200	19.3	17.4	26.2
203	19.9	14.3	21.5





#78

Terphenyl-d14

Concen: 37.842 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF101526.D

Acq: 19 Dec 2017 16:59

Instrument :

BNA_F

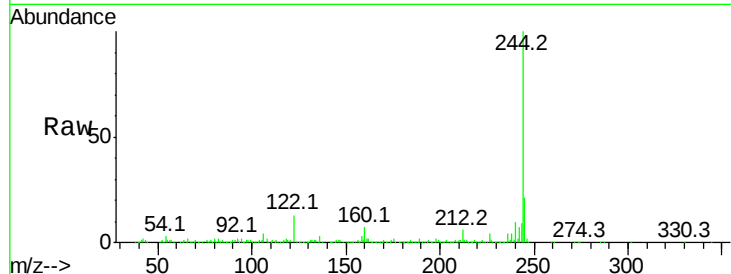
ClientSampleId :

R-4297-39456

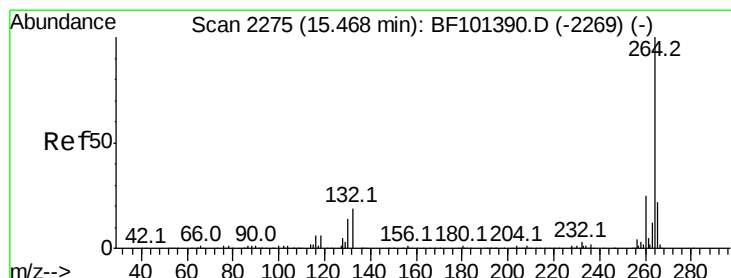
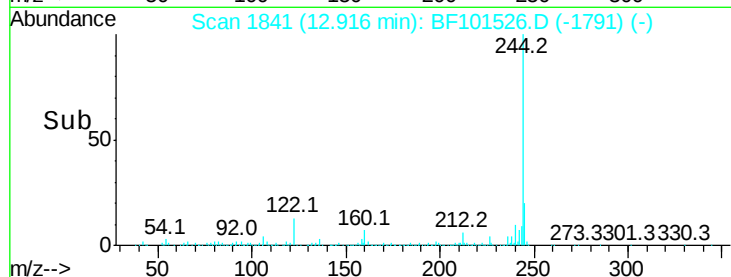
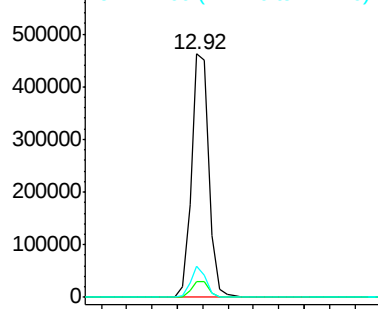
Tot Ion:	244	Resp:	443751
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.4	8.0
122	12.9	11.0	16.4

Manual Integrations
APPROVED

Sohil
12/20/2017 3:47:51 PM



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

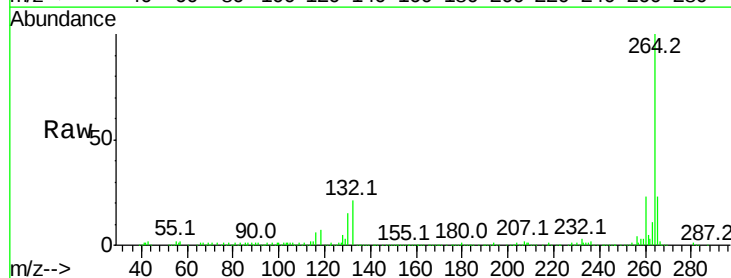
RT: 15.46 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BF101526.D

Acq: 19 Dec 2017 16:59

Tgt Ion:	264	Resp:	328663
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.2	28.8
265	22.5	17.5	26.3



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

