

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121917\
 Data File : BF101534.D
 Acq On : 19 Dec 2017 20:36
 Operator : SJ/JU
 Sample : I6682-05 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-121817-C

Manual Integrations
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 12/20/2017 3:47:59 PM

Quant Time: Dec 20 07:48:01 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	6.81	152	104069	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	335146	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	125304	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	247903	20.00	ng	0.00
75) Chrysene-d12	13.99	240	295507	20.00	ng	0.00
86) Perylene-d12	15.46	264	325837	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	162912	23.32	ng	0.01
7) Phenol-d6	6.46	99	187753	21.59	ng	0.00
23) Nitrobenzene-d5	7.38	82	111349	18.49	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	29510	24.44	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	167138	20.69	ng	0.00
78) Terphenyl-d14	12.92	244	178383	14.55	ng	0.00
Target Compounds						
70) Phenanthrene	11.36	178	31216	2.264	ng	99
74) Fluoranthene	12.56	202	114471	7.911	ng	97
77) Pyrene	12.79	202	135298	6.101	ng	100
80) Benzo(a)anthracene	13.97	228	79194	4.059	ng	97
82) Chrysene	14.02	228	75099	4.076	ng	98
87) Benzo(b)fluoranthene	15.03	252	87315m	4.396	ng	
89) Benzo(a)pyrene	15.40	252	67346	3.678	ng	# 94
91) Benzo(g,h,i)perylene	17.40	276	32865	2.111	ng	# 93

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

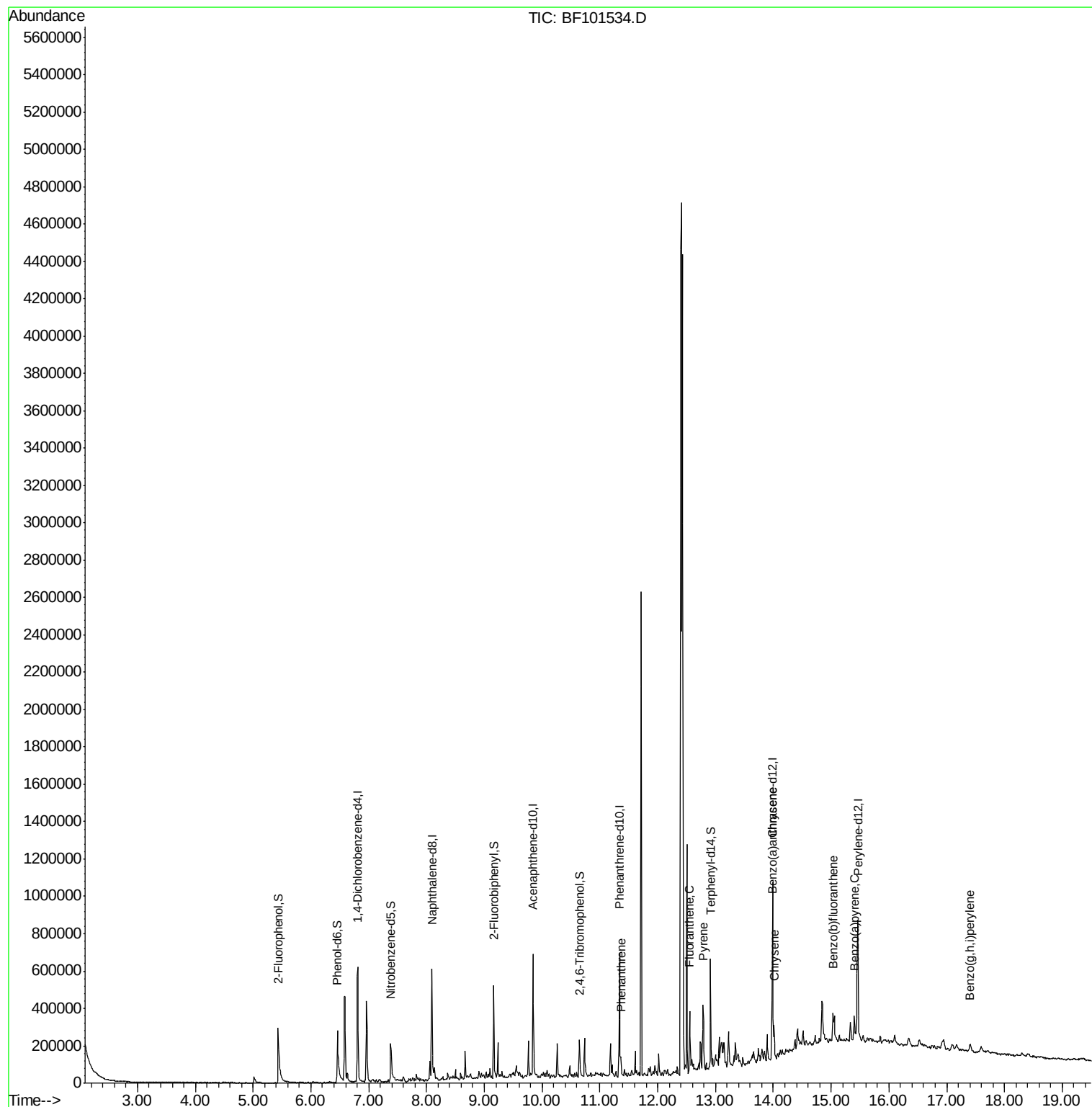
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101534.D
Acq On : 19 Dec 2017 20:36
Operator : SJ/JU
Sample : I6682-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

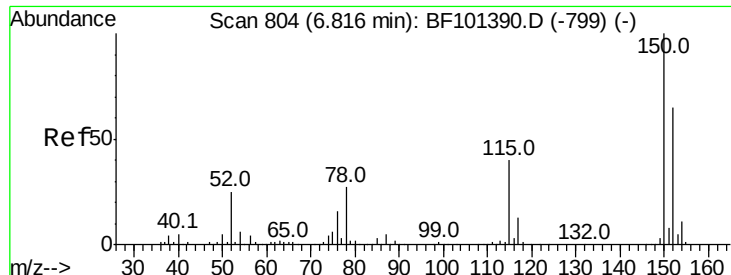
Instrument :
BNA_F
ClientSampleId :
NB-01-121817-C

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Quant Time: Dec 20 07:48:01 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

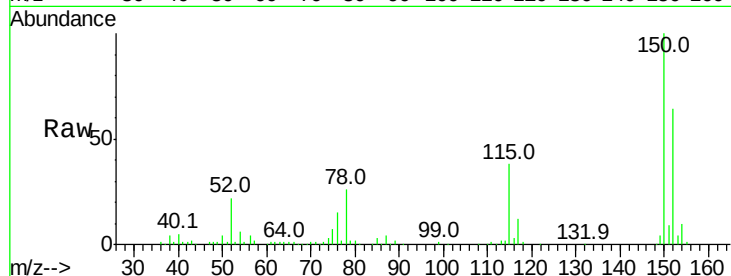
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF101534.D
Acq: 19 Dec 2017 20:36

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-C

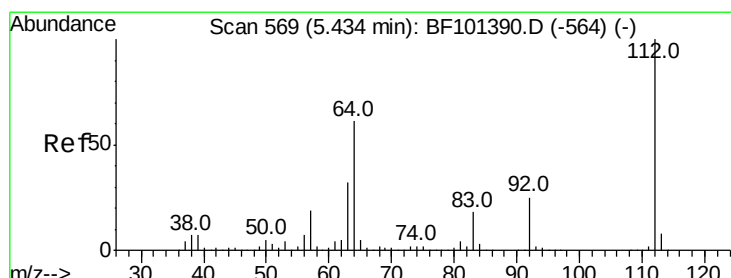
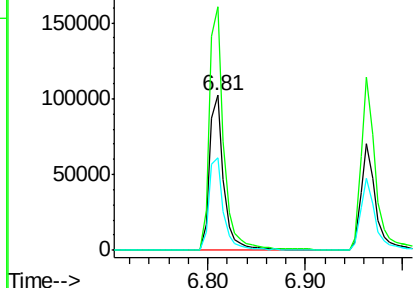
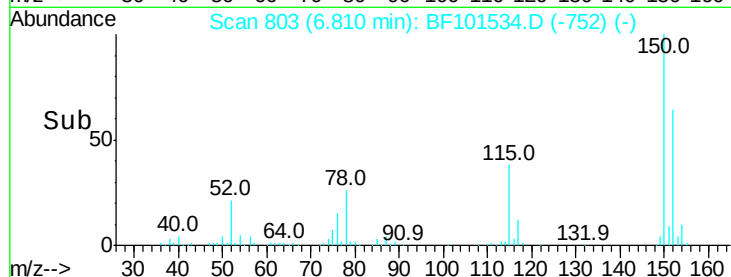
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	59.9	50.1	75.1

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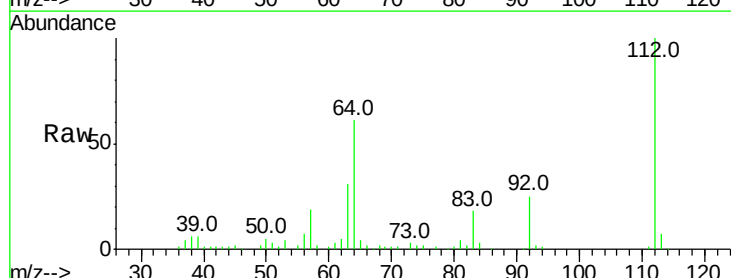
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



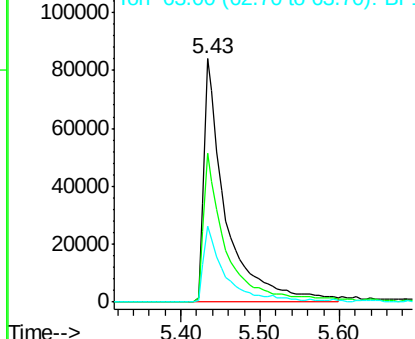
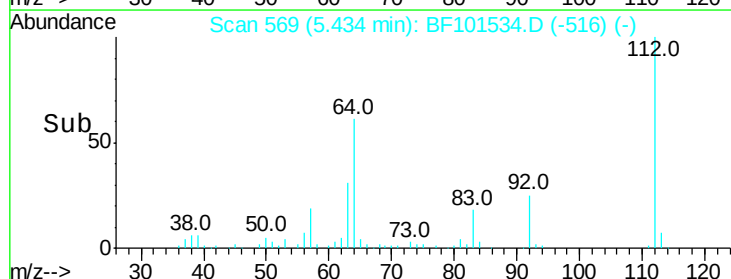
#5

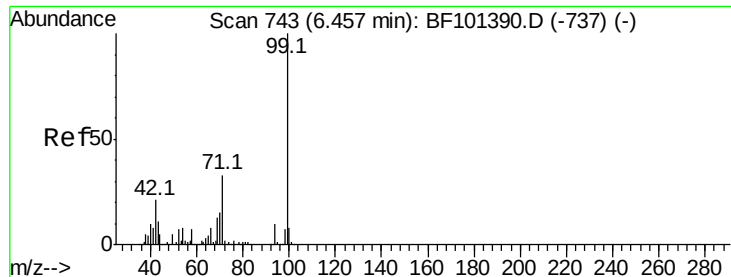
2-Fluorophenol
Concen: 23.318 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF101534.D
Acq: 19 Dec 2017 20:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	47.9	71.9
63	31.0	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 21.593 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101534.D

Acq: 19 Dec 2017 20:36

Instrument :

BNA_F

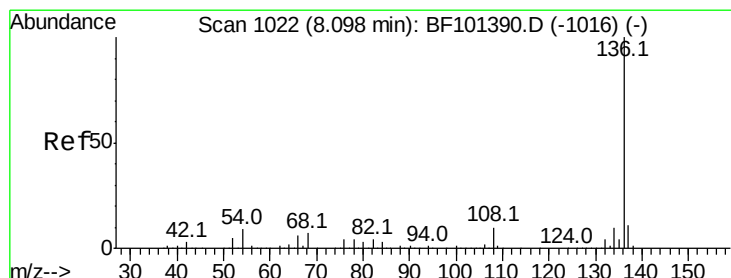
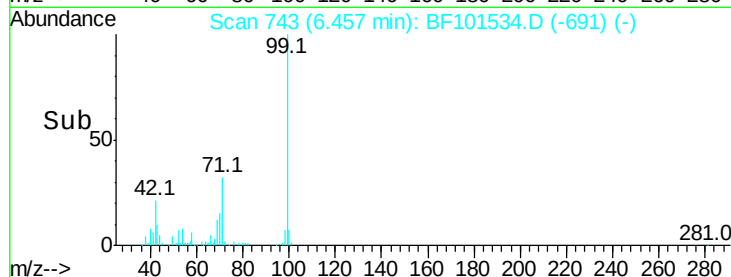
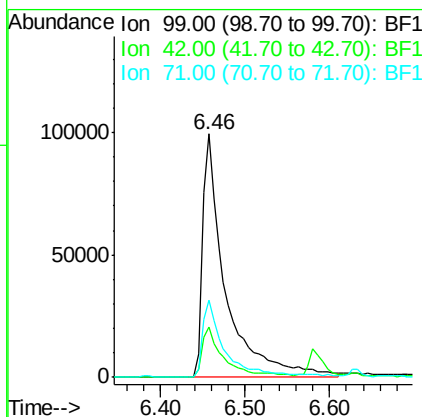
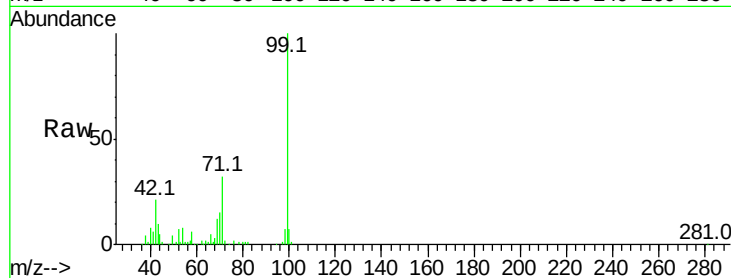
ClientSampled :

NB-01-121817-C

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		187753		
42	20.9	14.5	21.7		
71	31.7	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

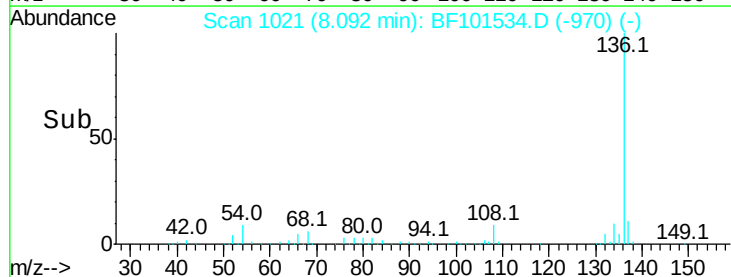
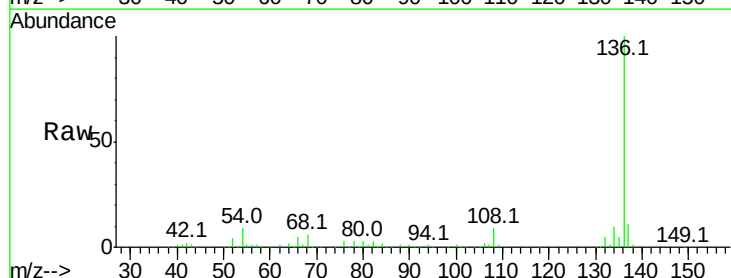
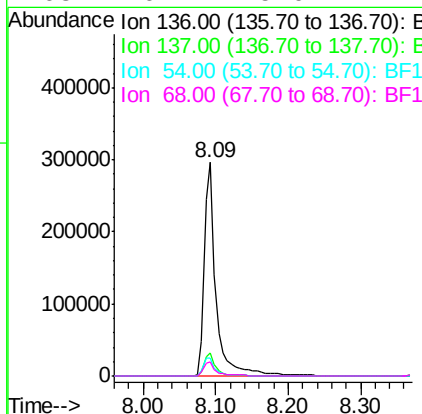
RT: 8.09 min Scan# 1021

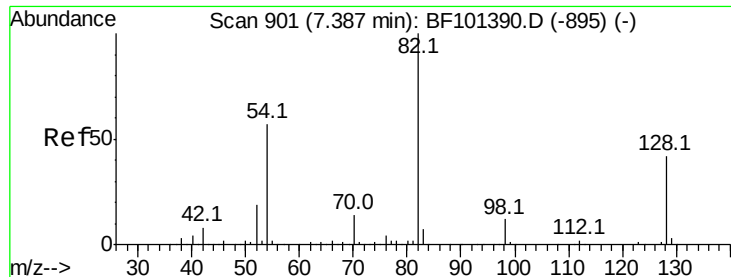
Delta R.T. -0.00 min

Lab File: BF101534.D

Acq: 19 Dec 2017 20:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		335146		
137	10.8	8.9	13.3		
54	8.6	6.6	9.8		
68	6.4	5.0	7.4		





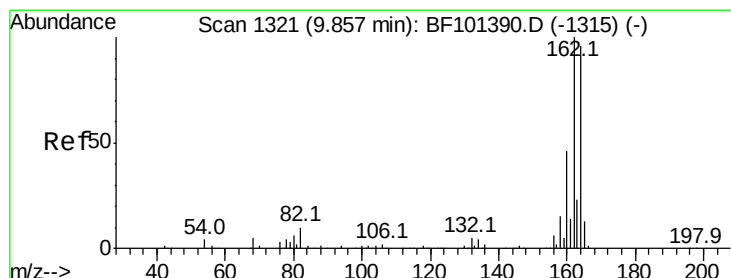
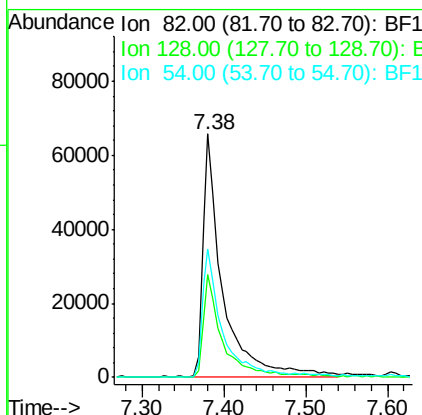
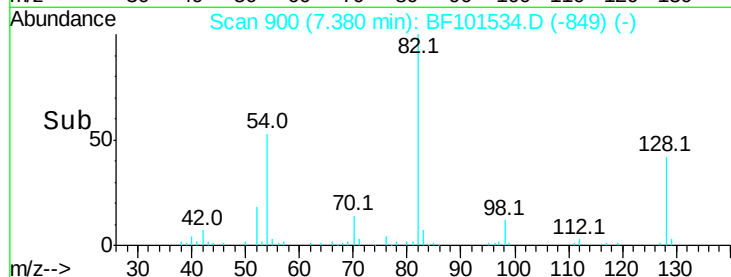
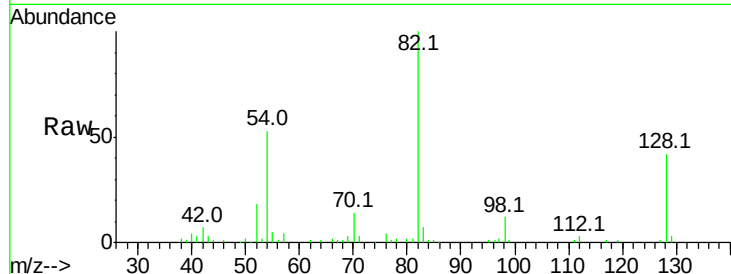
#23
Nitrobenzene-d5
Concen: 18.494 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF101534.D
Acq: 19 Dec 2017 20:36

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.4	36.1	54.1
54	52.8	41.4	62.2

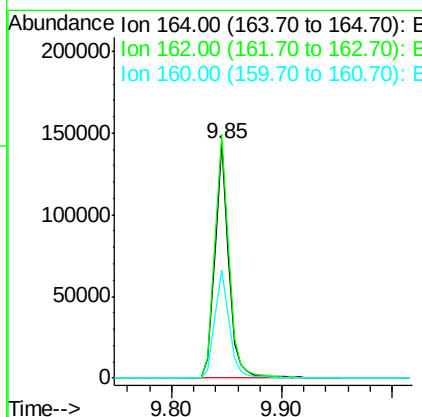
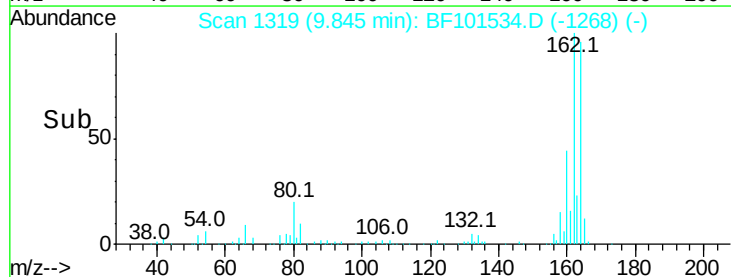
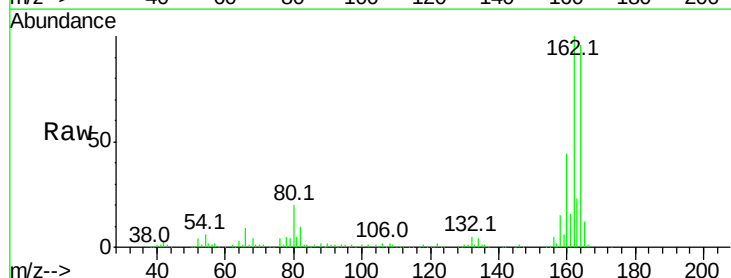
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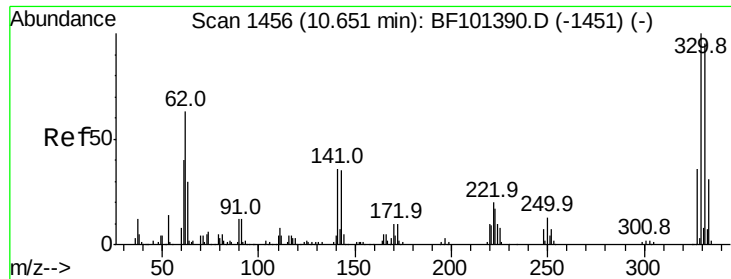
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF101534.D
Acq: 19 Dec 2017 20:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	46.1	38.3	57.5





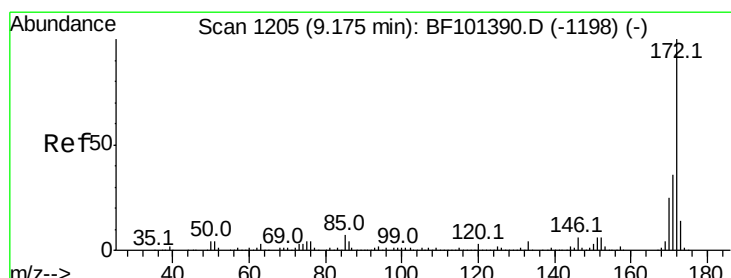
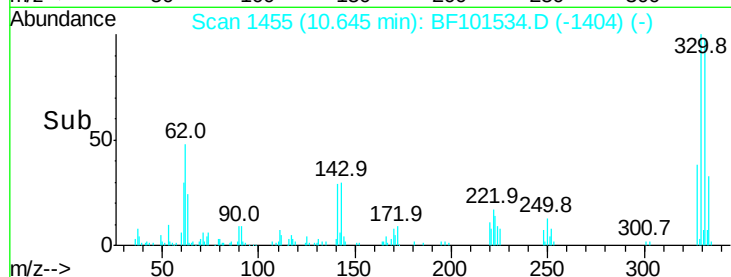
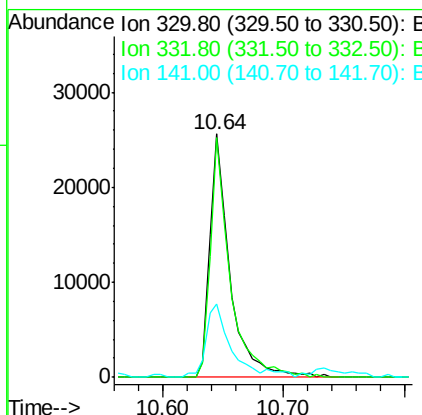
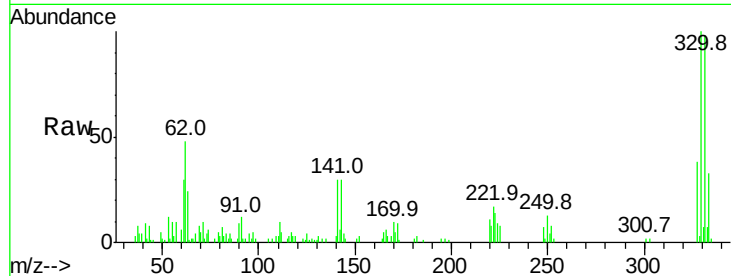
#41
 2,4,6-Tribromophenol
 Concen: 24.441 ng
 RT: 10.64 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF101534.D
 Acq: 19 Dec 2017 20:36

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-121817-C

Tot Ion	Ratio	Resp	Lower	Upper
330	100	29510		
332	96.0	77.0	115.6	
141	38.1	29.9	44.9	

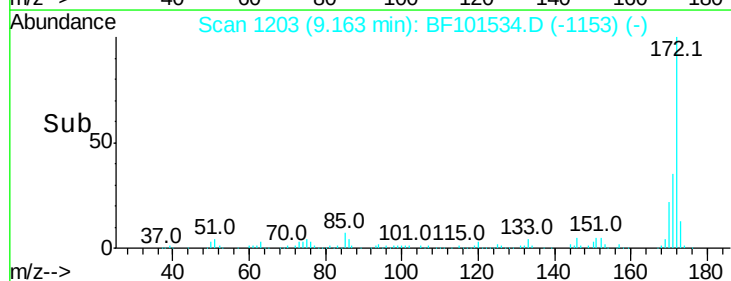
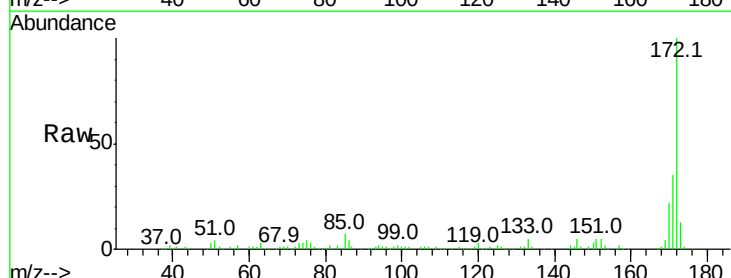
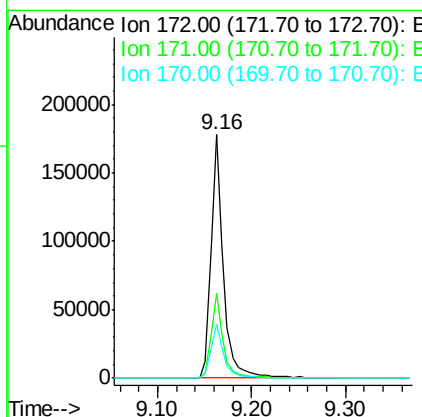
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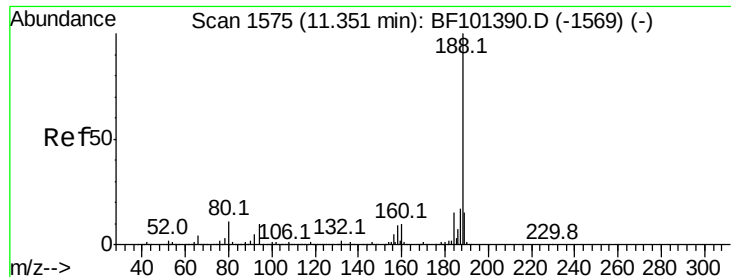
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#44
 2-Fluorobiphenyl
 Concen: 20.691 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF101534.D
 Acq: 19 Dec 2017 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	167138		
171	34.8	29.7	44.5	
170	22.2	19.6	29.4	





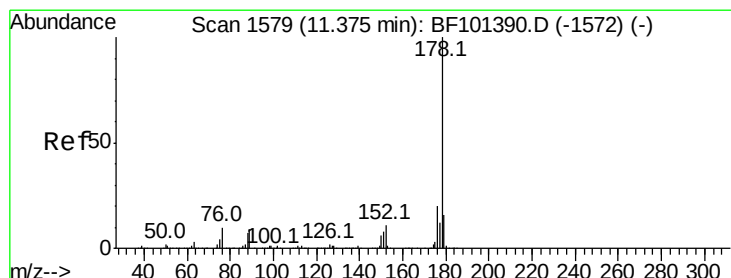
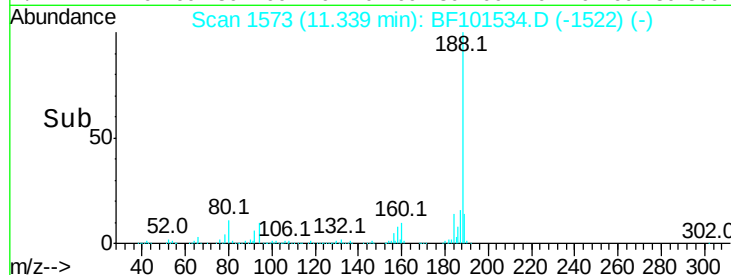
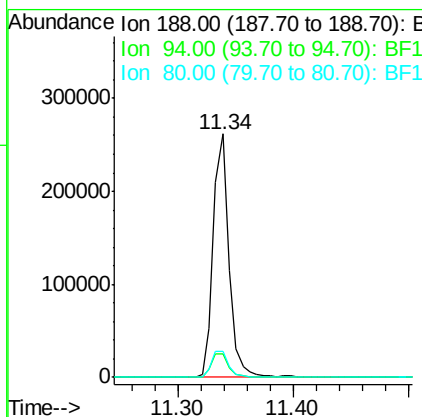
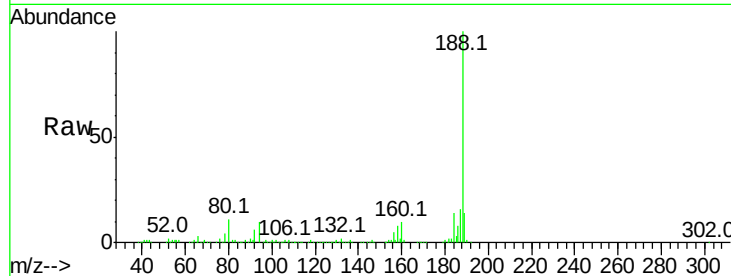
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF101534.D
Acq: 19 Dec 2017 20:36

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-C

Tot Ion	Ratio	Resp	Lower	Upper
188	100	247903		
94	9.7		8.5	12.7
80	10.7		9.2	13.8

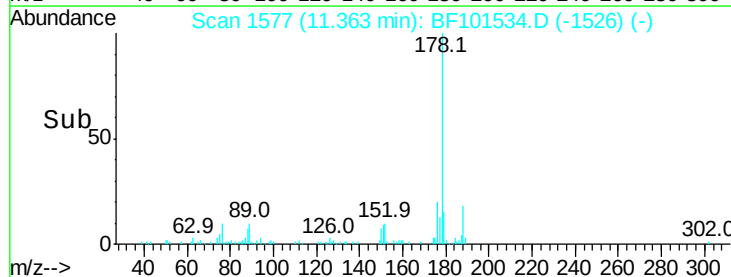
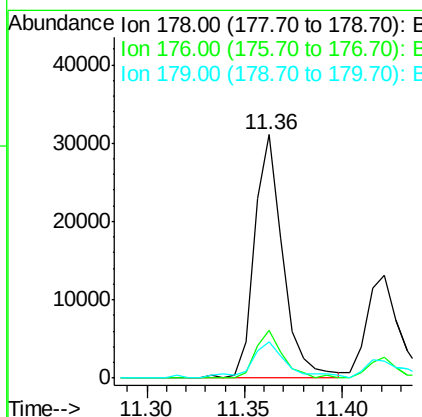
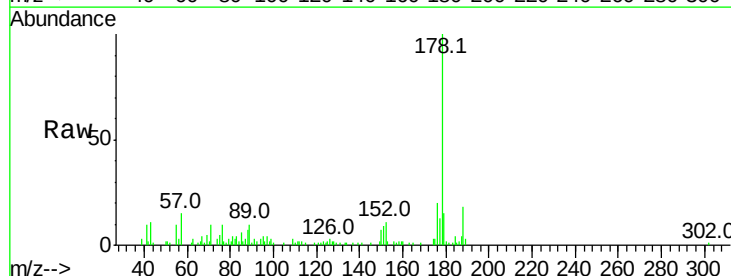
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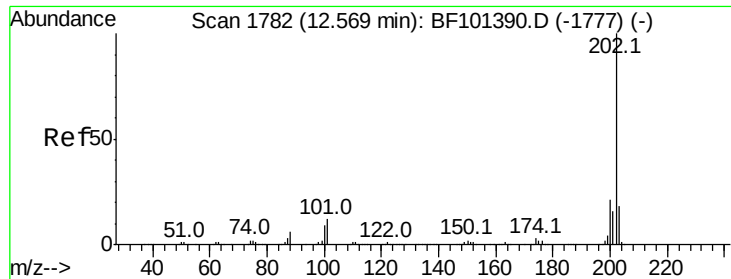
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#70
Phenanthrene
Concen: 2.264 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF101534.D
Acq: 19 Dec 2017 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	31216		
176	19.7		15.8	23.8
179	15.1		13.0	19.6





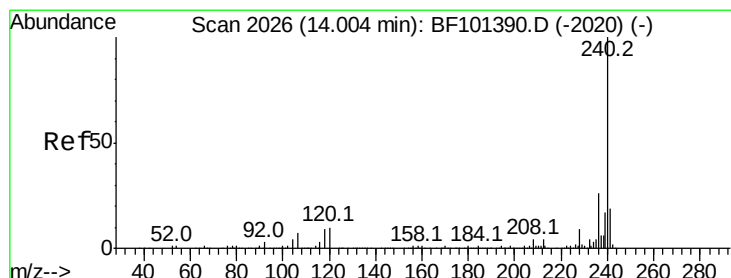
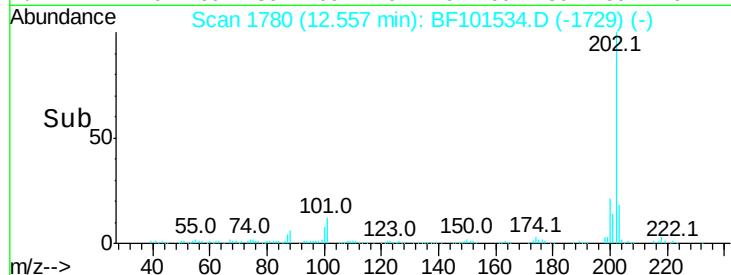
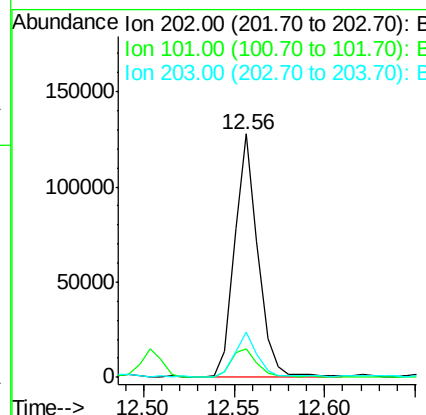
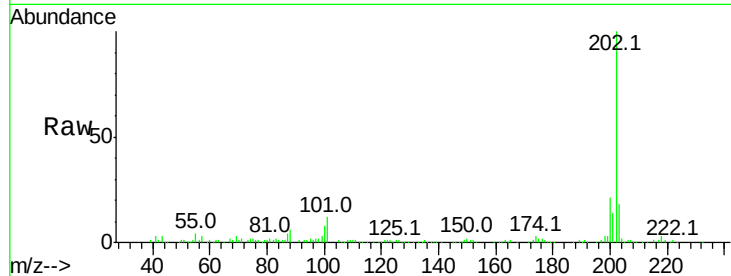
#74
Fluoranthene
Concen: 7.911 ng
RT: 12.56 min Scan# 1780
Delta R.T. -0.00 min
Lab File: BF101534.D
Acq: 19 Dec 2017 20:36

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-C

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.8	0.0	34.1
203	18.5	0.0	38.1

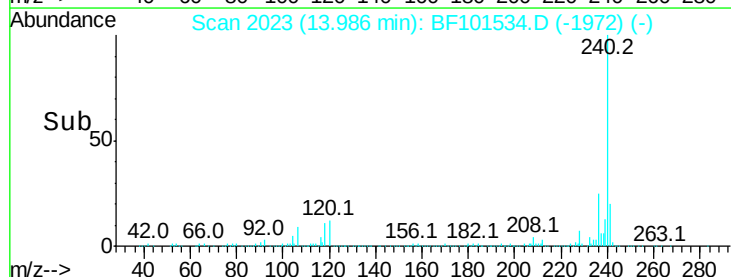
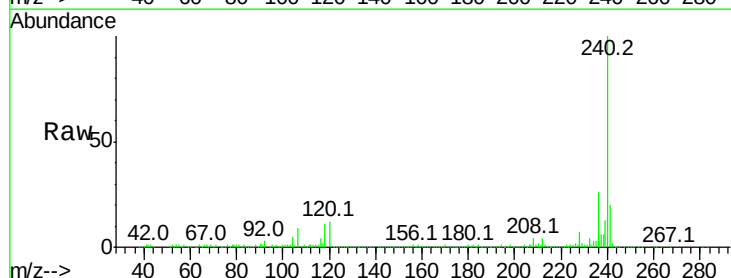
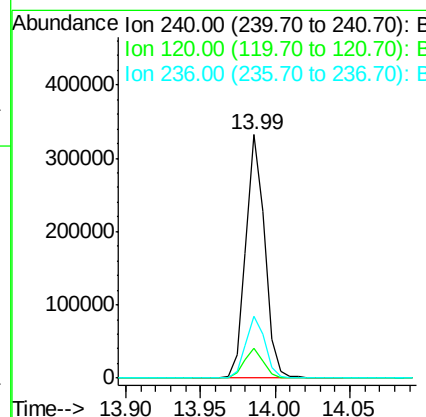
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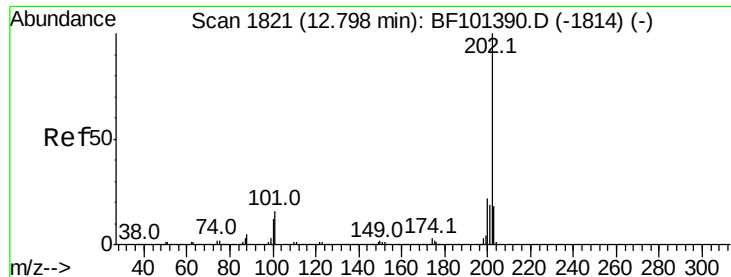
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF101534.D
Acq: 19 Dec 2017 20:36

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.5	9.5	14.3
236	25.5	20.7	31.1





#77

Pvrene

Concen: 6.101 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF101534.D

Acq: 19 Dec 2017 20:36

Instrument :

BNA_F

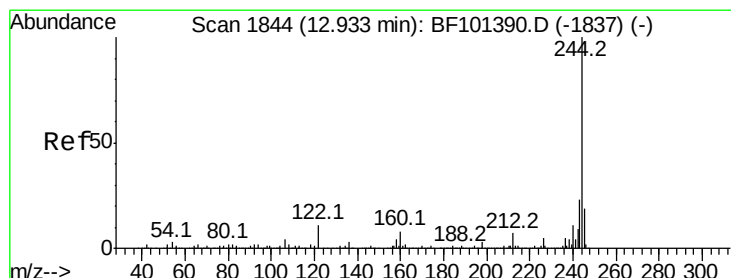
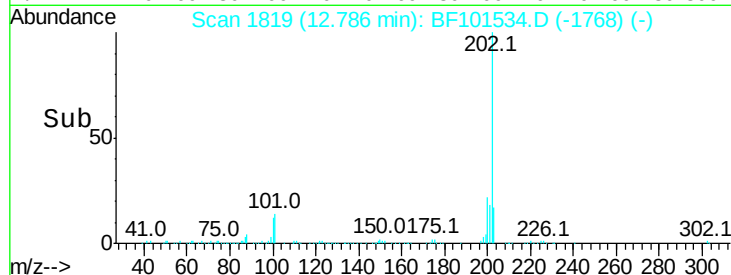
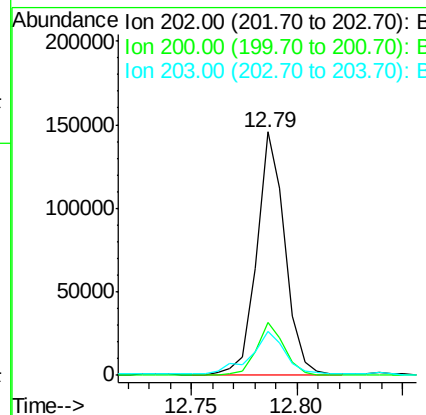
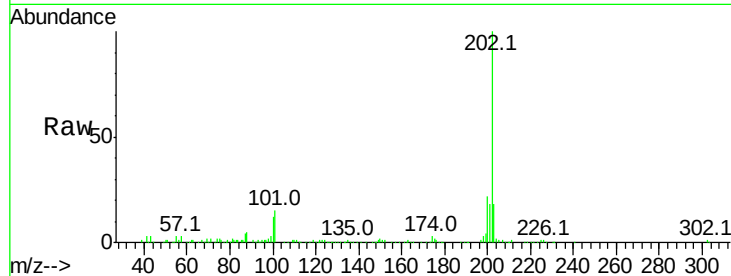
ClientSampleId :

NB-01-121817-C

Tot Ion:	202	Resp:	135298
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.4	26.2
203	17.8	14.3	21.5

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#78

Terphenyl-d14

Concen: 14.553 ng

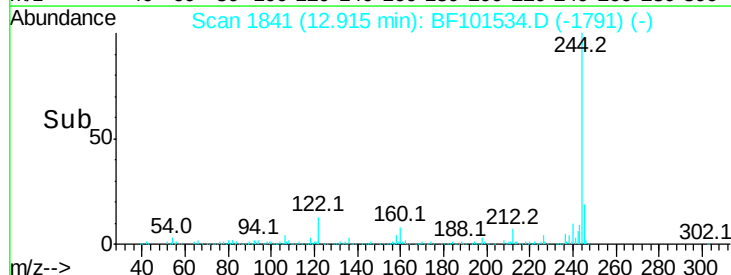
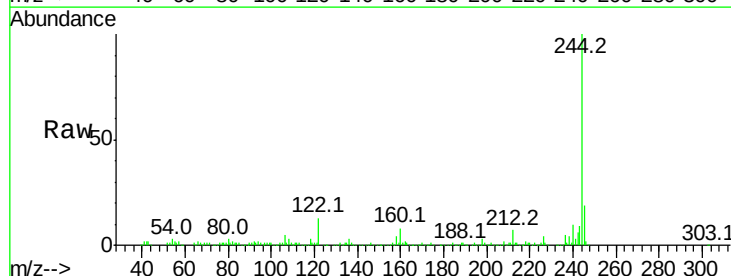
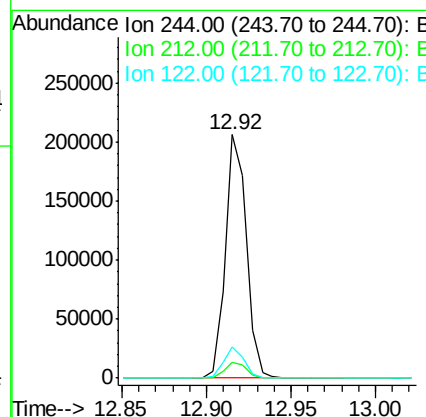
RT: 12.92 min Scan# 1841

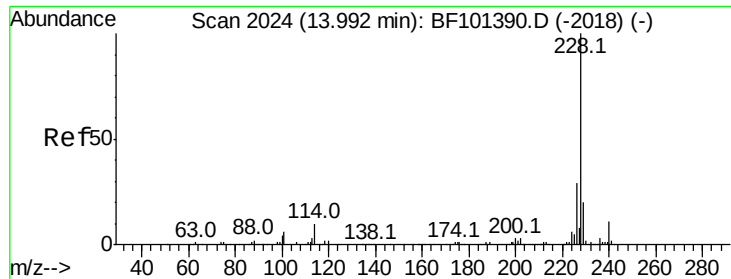
Delta R.T. -0.01 min

Lab File: BF101534.D

Acq: 19 Dec 2017 20:36

Tgt Ion:	244	Resp:	178383
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.4	8.0
122	12.9	11.0	16.4





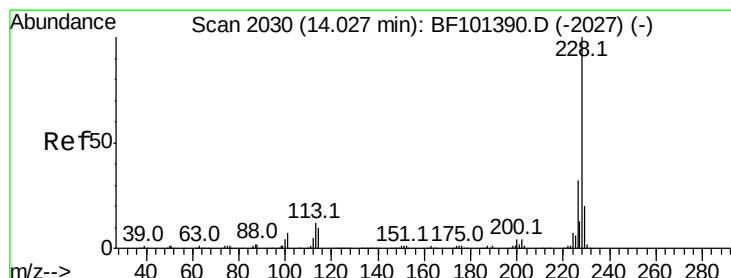
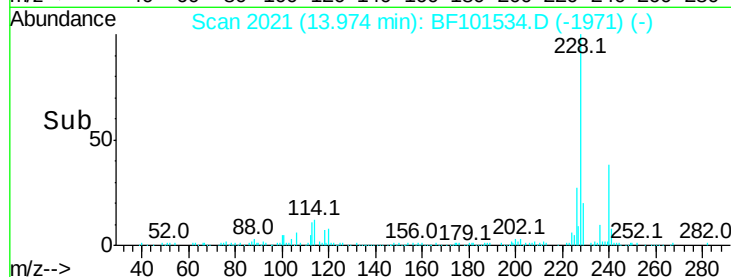
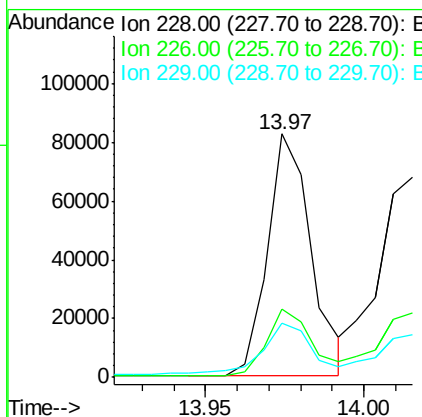
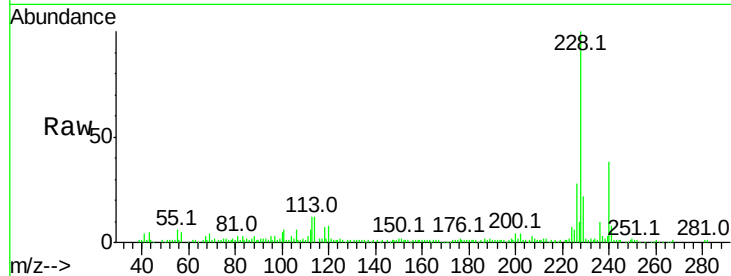
#80
Benzo(a)anthracene
Concen: 4.059 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF101534.D
Acq: 19 Dec 2017 20:36

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-C

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	22.1	15.8	23.6

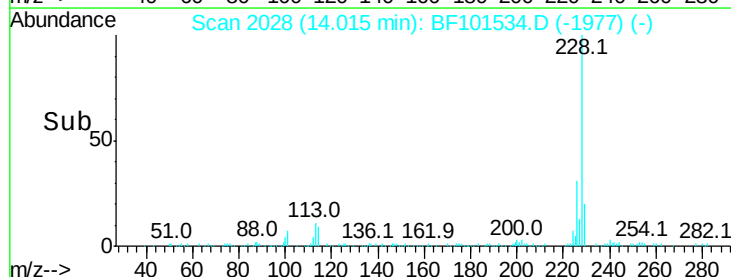
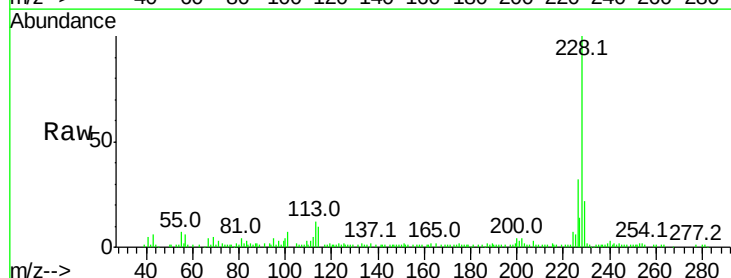
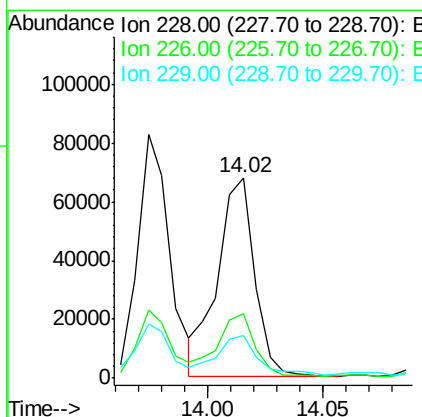
Manual Integrations
APPROVED

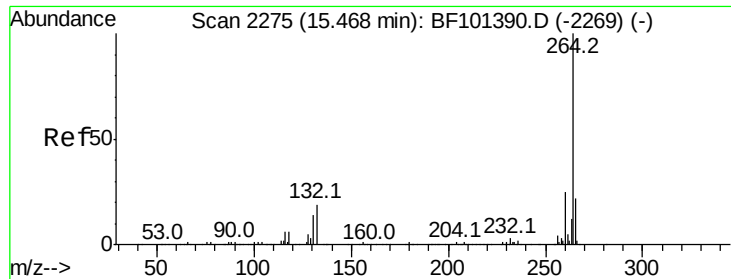
Sohil
12/20/2017 3:47:59 PM



#82
Chrysene
Concen: 4.076 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF101534.D
Acq: 19 Dec 2017 20:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.0	37.6
229	21.5	16.2	24.4





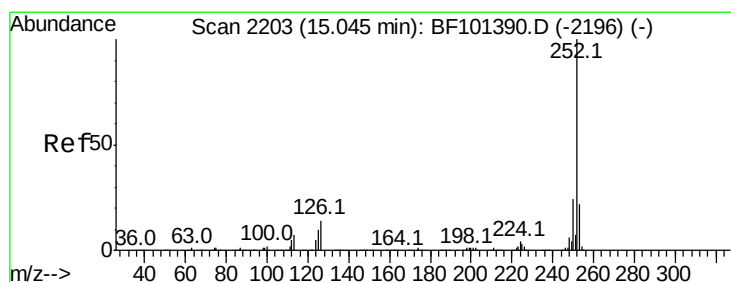
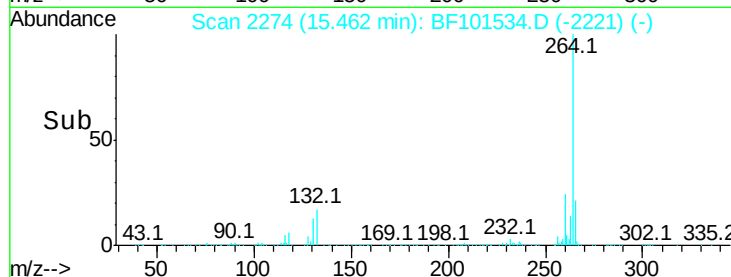
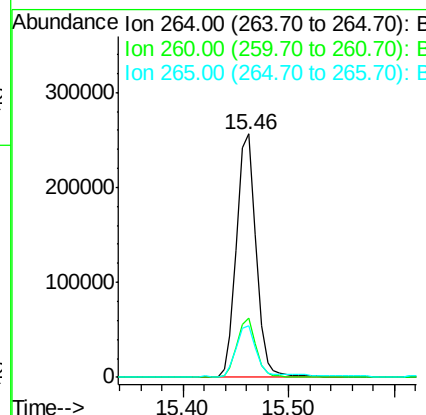
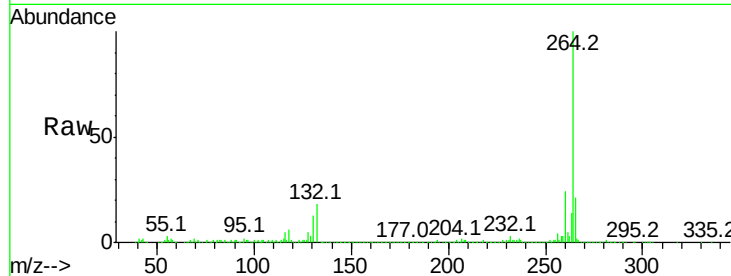
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF101534.D
Acq: 19 Dec 2017 20:36

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.2	17.5	26.3

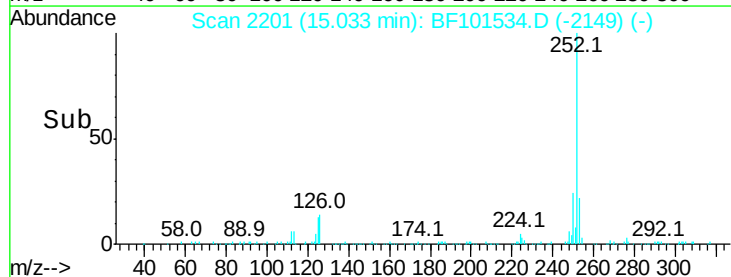
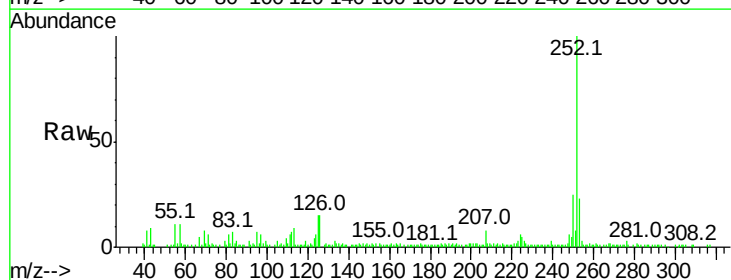
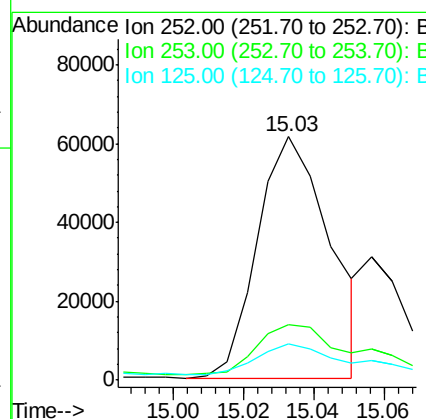
Manual Integrations
APPROVED

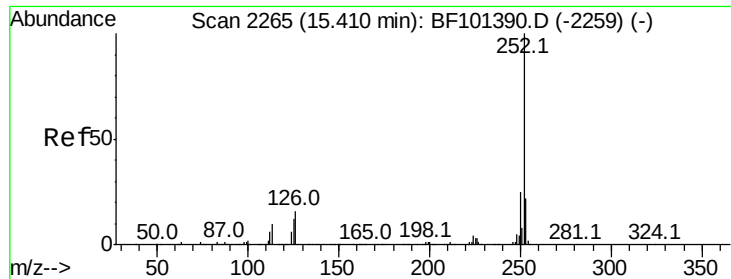
Sohil
12/20/2017 3:47:59 PM



#87
Benzo(b)fluoranthene
Concen: 4.396 ng m
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF101534.D
Acq: 19 Dec 2017 20:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	14.9	9.0	13.6#





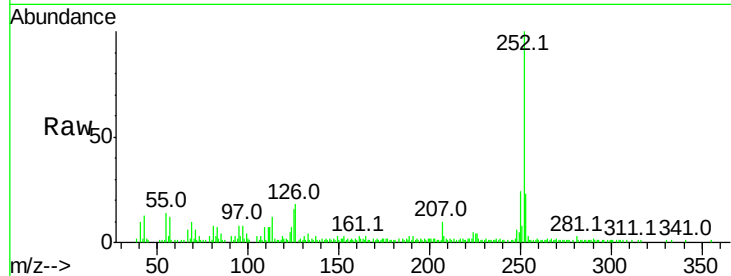
#89
Benzo(a)pyrene
Concen: 3.678 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF101534.D
Acq: 19 Dec 2017 20:36

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-C

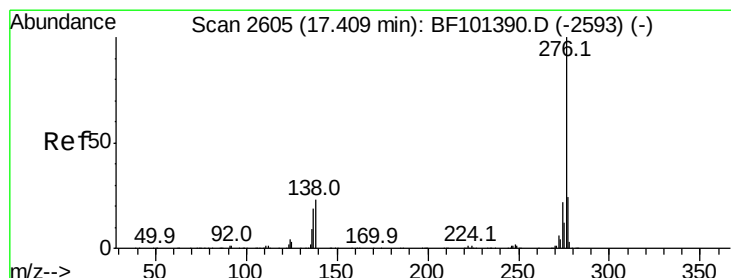
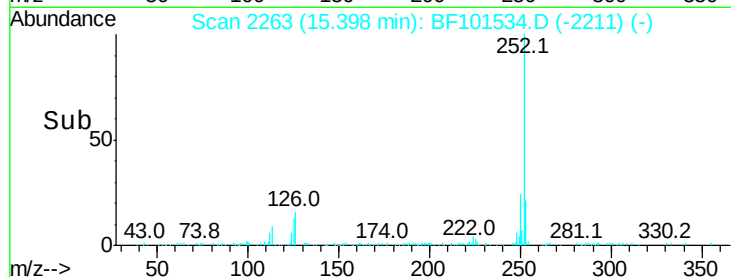
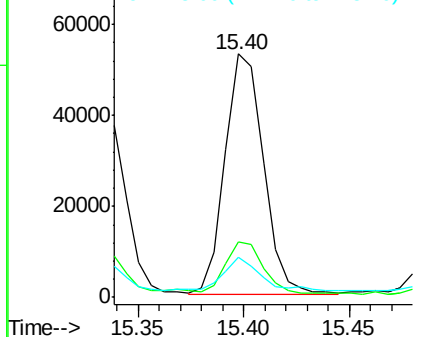
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	16.4	9.8	14.6

Manual Integrations
APPROVED

Sohil
12/20/2017 3:47:59 PM



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: 2.111 ng
RT: 17.40 min Scan# 2604
Delta R.T. 0.02 min
Lab File: BF101534.D
Acq: 19 Dec 2017 20:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	29.5	17.9	26.9
138	27.1	21.8	32.8

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

