

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
 Data File : BF101452.D
 Acq On : 15 Dec 2017 19:27
 Operator : SJ/JU
 Sample : I6679-05 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-121317-B

Manual Integrations
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Sohil
 12/18/2017 2:04:17 PM

Quant Time: Dec 15 22:18:18 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 17:36:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	164180	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	622409	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	253884	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	409197	20.00	ng	0.00
75) Chrysene-d12	13.99	240	317890	20.00	ng	0.00
86) Perylene-d12	15.47	264	260128	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	221686	20.11	ng	0.00
7) Phenol-d6	6.45	99	284686	20.75	ng	0.00
23) Nitrobenzene-d5	7.38	82	146632	13.11	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	44581	18.22	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	304155	18.58	ng	0.00
78) Terphenyl-d14	12.93	244	233855	17.73	ng	0.00
Target Compounds						
70) Phenanthrene	11.37	178	64288	2.825	ng	99
74) Fluoranthene	12.56	202	153472	6.425	ng	99
77) Pyrene	12.79	202	162151	6.797	ng	98
80) Benzo(a)anthracene	13.99	228	68069	3.243	ng	97
82) Chrysene	14.02	228	69001	3.482	ng	97
83) Bis(2-ethylhexyl)phthalate	13.95	149	29017	2.122	ng	# 96
87) Benzo(b)fluoranthene	15.04	252	82308m	5.191	ng	
89) Benzo(a)pyrene	15.41	252	59631	4.080	ng	# 91
91) Benzo(g,h,i)perylene	17.41	276	32728	2.634	ng	# 91

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

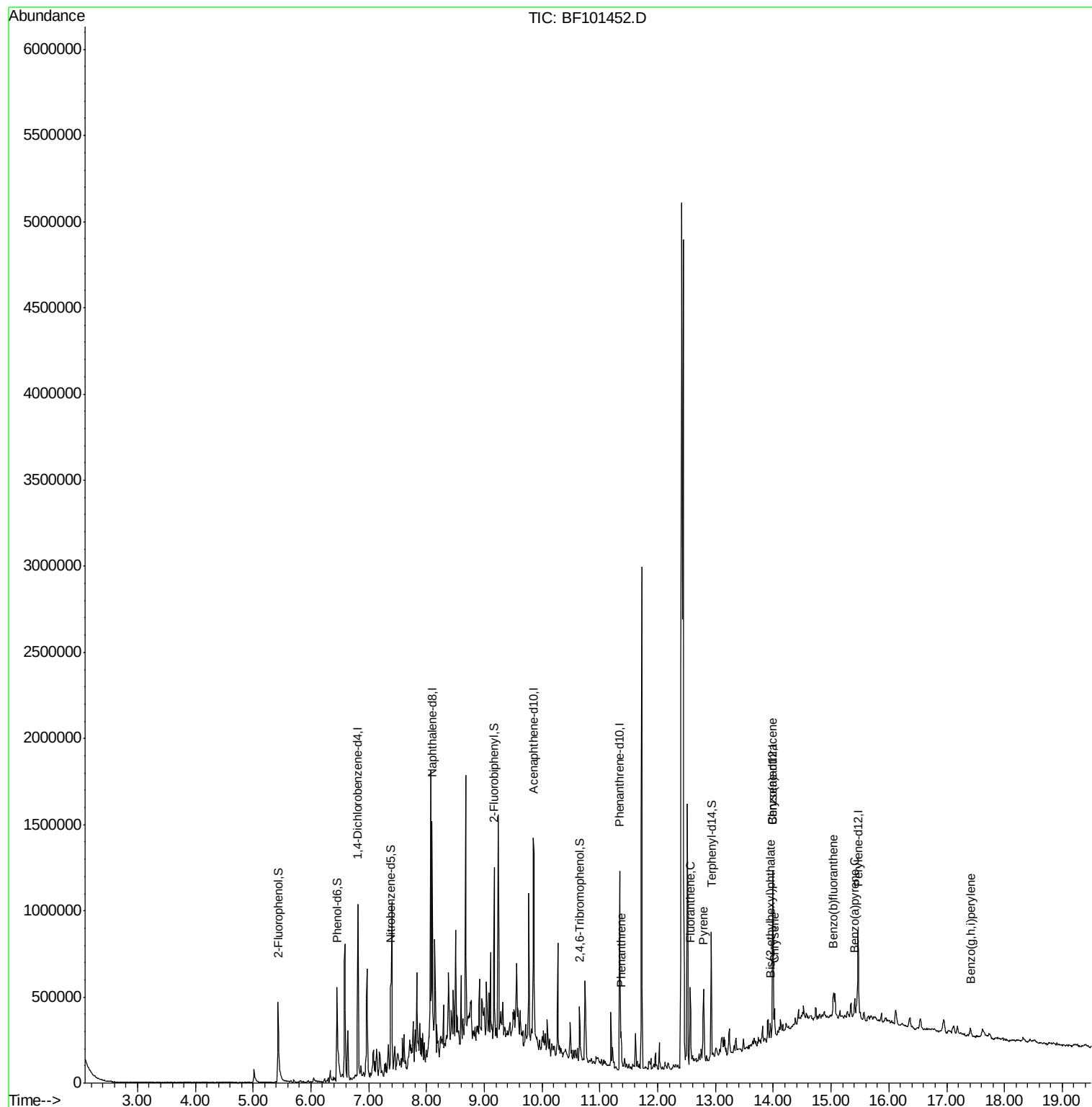
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
Data File : BF101452.D
Acq On : 15 Dec 2017 19:27
Operator : SJ/JU
Sample : I6679-05 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

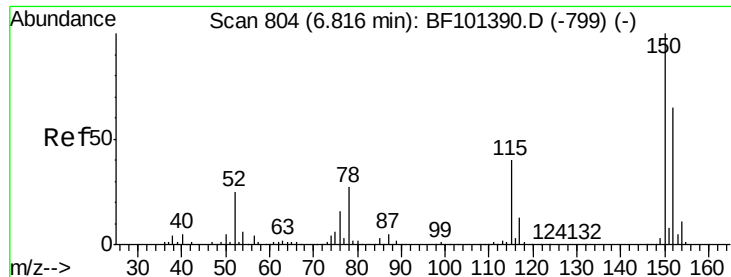
Instrument :
BNA_F
ClientSampleId :
HR-05-121317-B

Manual Integrations
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Quant Time: Dec 15 22:18:18 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 15 17:36:17 2017
Response via : Initial Calibration





#1

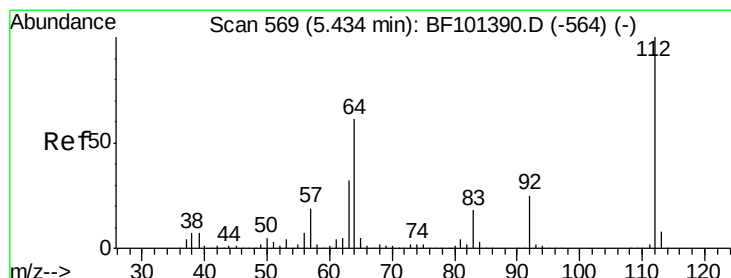
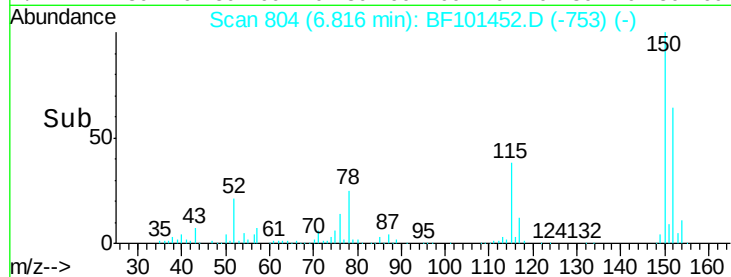
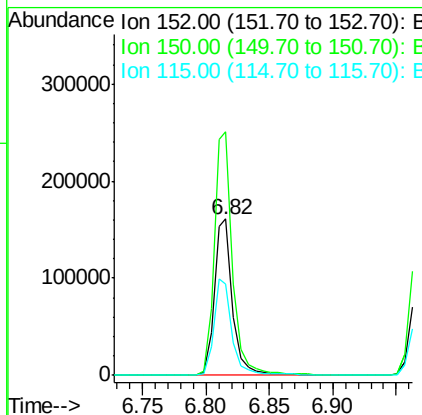
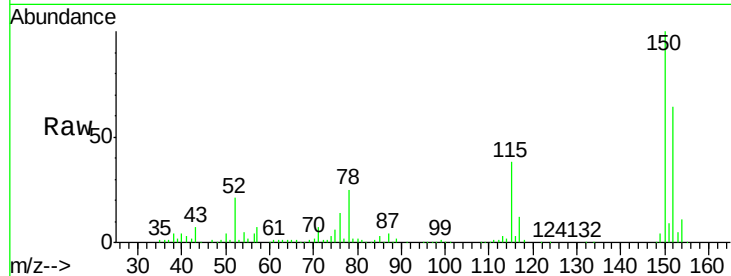
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF101452.D
Acq: 15 Dec 2017 19:27

Instrument :
BNA_F
ClientSampleId :
HR-05-121317-B

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	58.8	50.1	75.1

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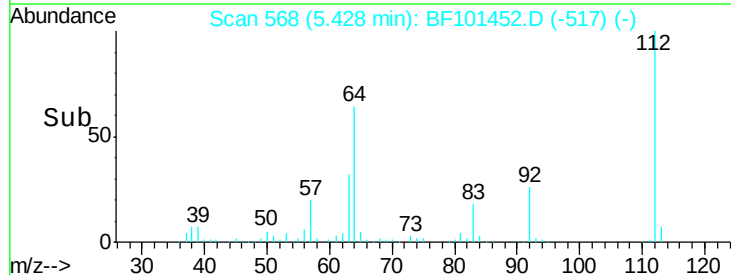
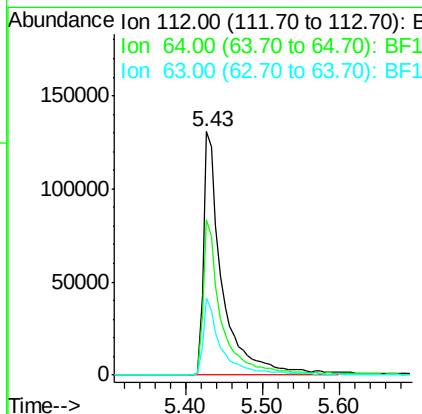
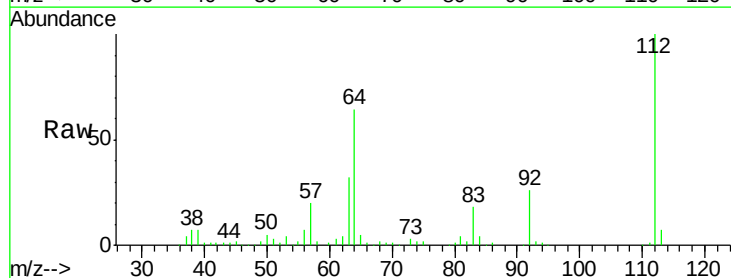
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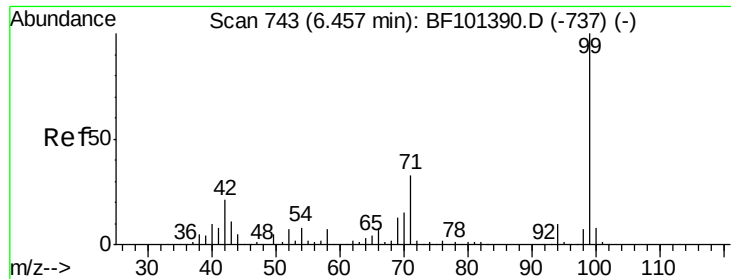


#5

2-Fluorophenol
Concen: 20.113 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.00 min
Lab File: BF101452.D
Acq: 15 Dec 2017 19:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.9	47.9	71.9
63	31.9	23.7	35.5





#7

Phenol-d6

Concen: 20.754 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF101452.D

Acq: 15 Dec 2017 19:27

Instrument :

BNA_F

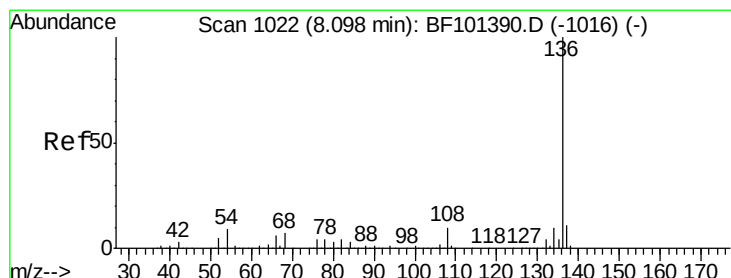
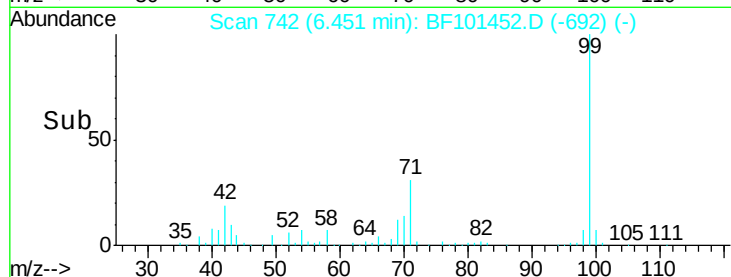
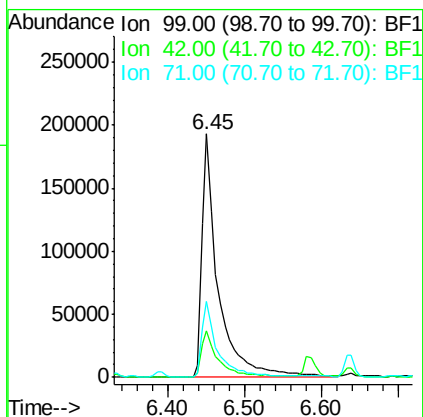
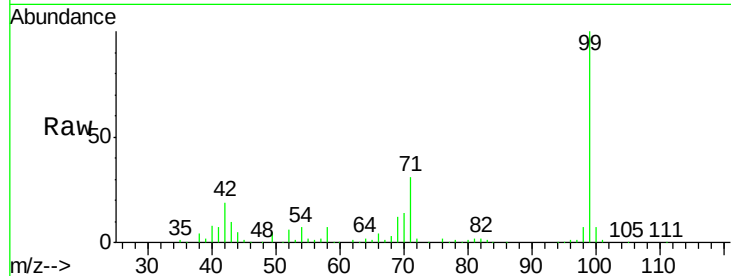
ClientSampleId :

HR-05-121317-B

Tgt Ion:	99	Resp:	284686
Ion Ratio	Lower	Upper	
99	100		
42	19.1	14.5	21.7
71	31.3	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

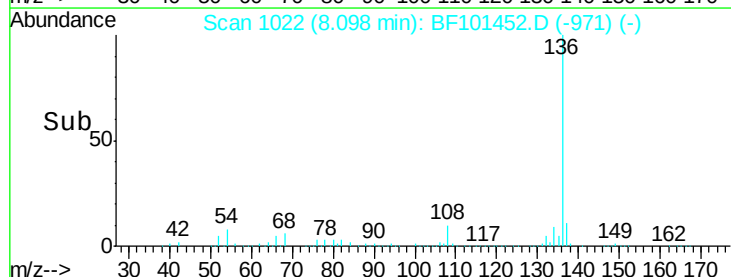
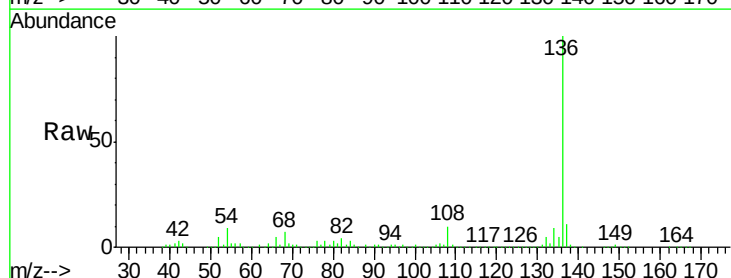
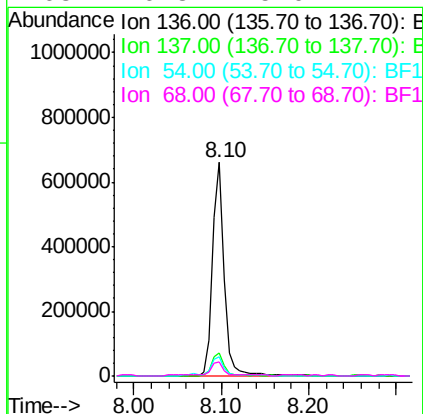
RT: 8.10 min Scan# 1022

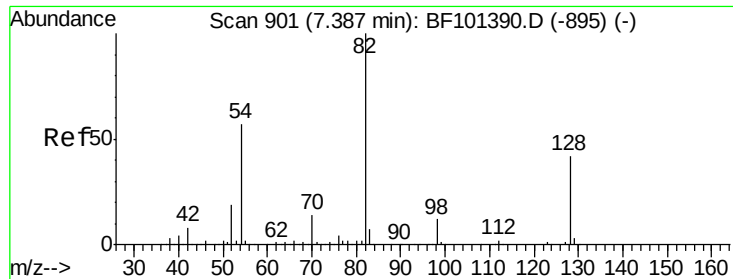
Delta R.T. -0.00 min

Lab File: BF101452.D

Acq: 15 Dec 2017 19:27

Tgt Ion:	136	Resp:	622409
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	8.7	6.6	9.8
68	6.8	5.0	7.4





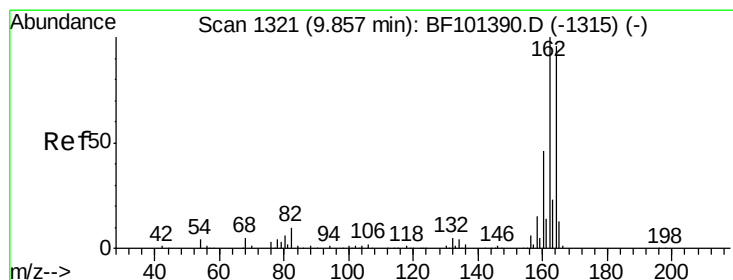
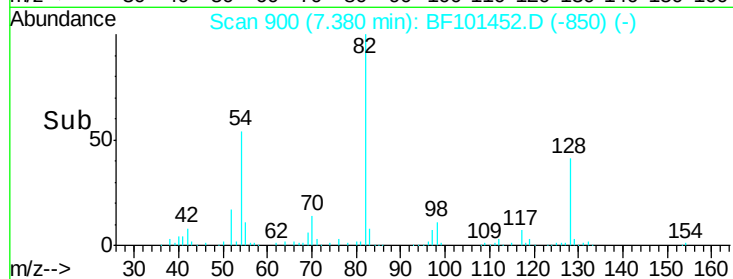
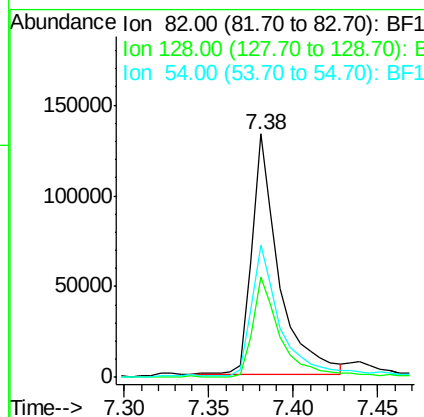
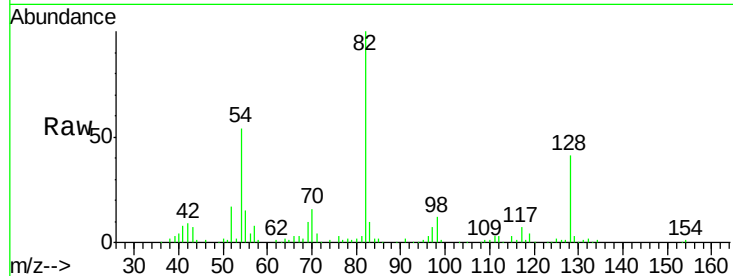
#23
Nitrobenzene-d5
Concen: 13.114 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF101452.D
Acq: 15 Dec 2017 19:27

Instrument :
BNA_F
ClientSampleId :
HR-05-121317-B

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	41.1	36.1	54.1
54	54.4	41.4	62.2

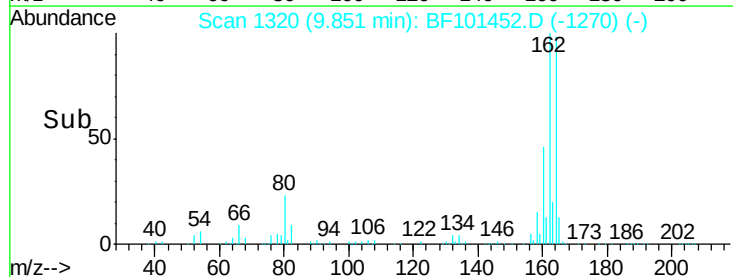
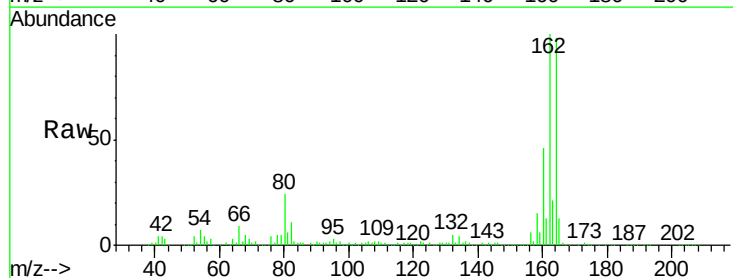
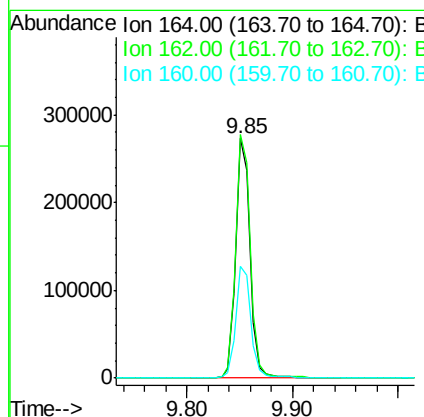
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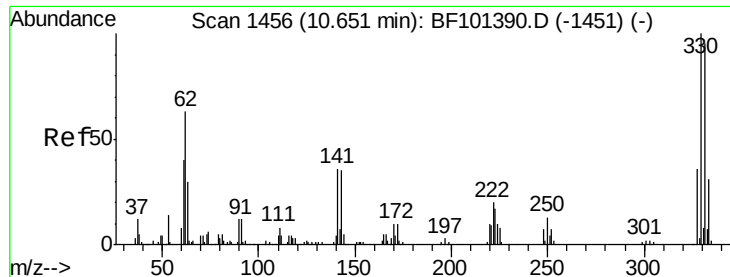
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF101452.D
Acq: 15 Dec 2017 19:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	101.6	86.1	129.1
160	46.4	38.3	57.5





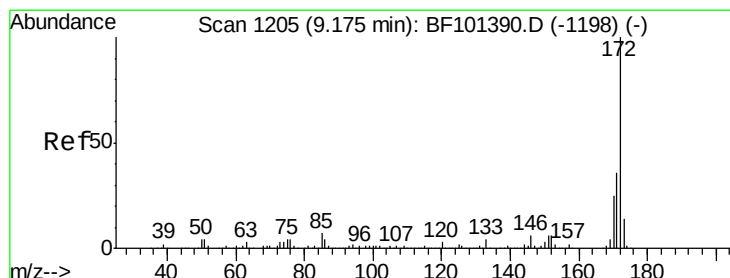
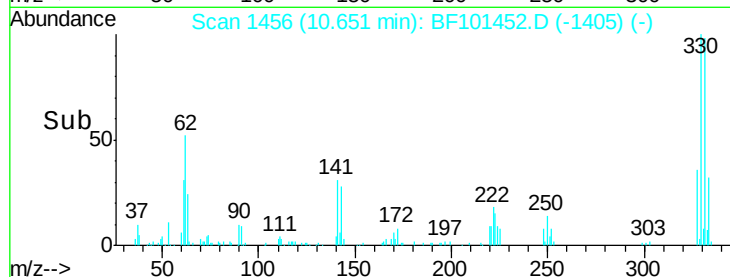
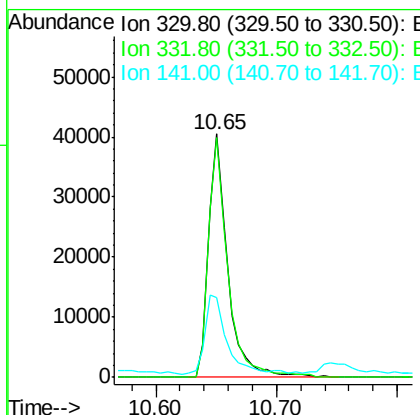
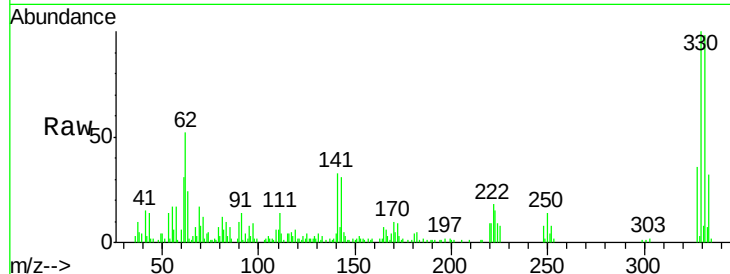
#41
 2,4,6-Tribromophenol
 Concen: 18.223 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.00 min
 Lab File: BF101452.D
 Acq: 15 Dec 2017 19:27

Instrument :
 BNA_F
 ClientSampled :
 HR-05-121317-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.0	115.6
141	37.2	29.9	44.9

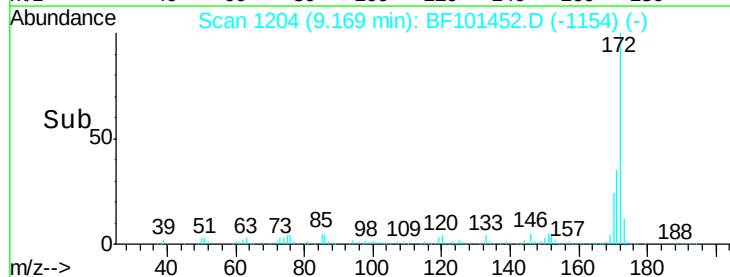
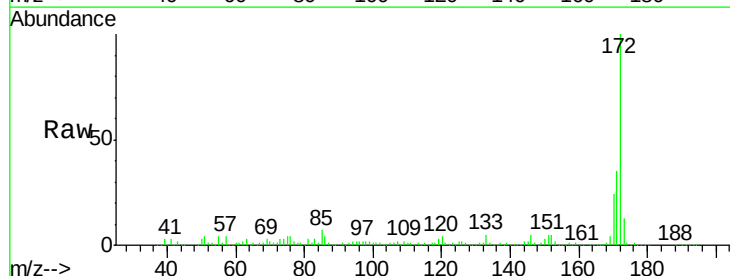
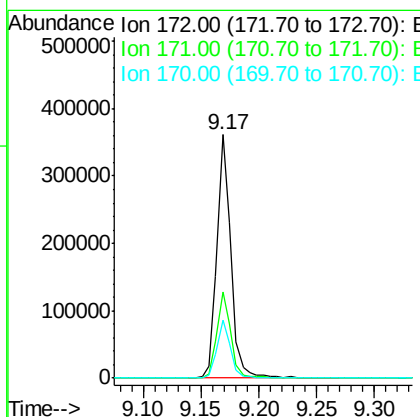
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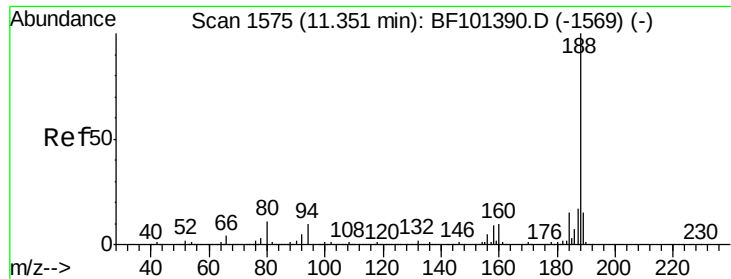
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#44
 2-Fluorobiphenyl
 Concen: 18.584 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF101452.D
 Acq: 15 Dec 2017 19:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.7	19.6	29.4





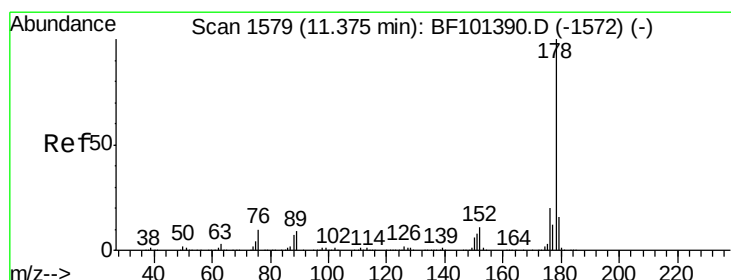
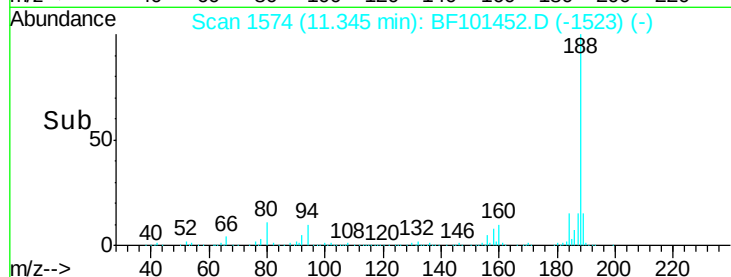
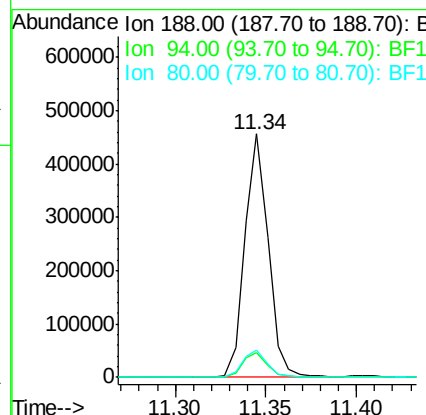
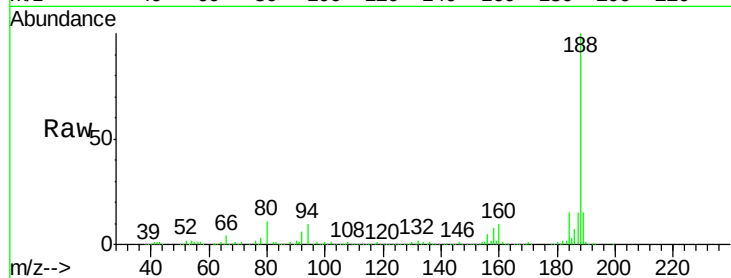
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BF101452.D
Acq: 15 Dec 2017 19:27

Instrument :
BNA_F
ClientSampleId :
HR-05-121317-B

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.1	8.5	12.7
80	11.4	9.2	13.8

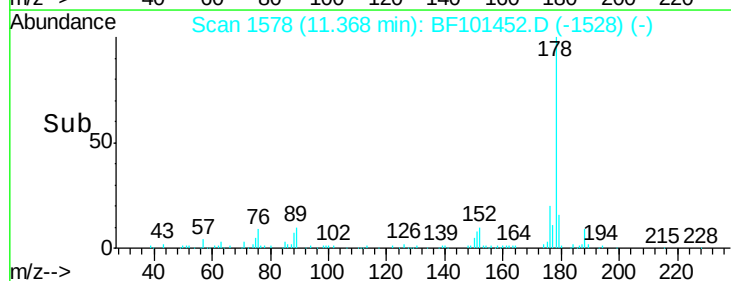
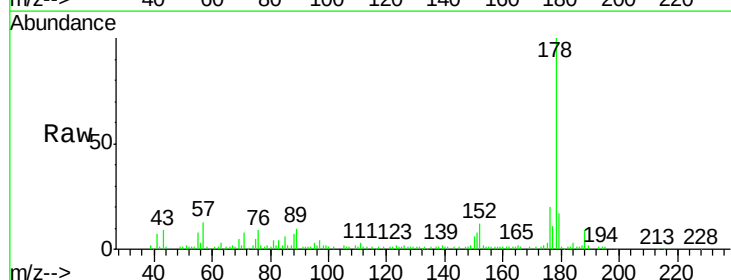
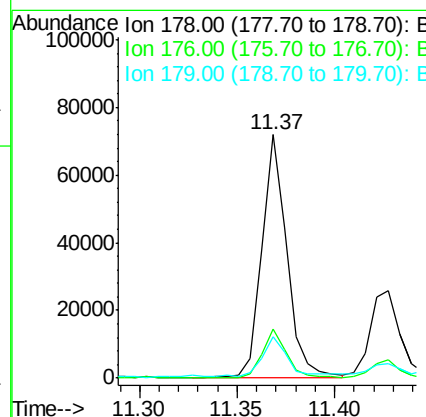
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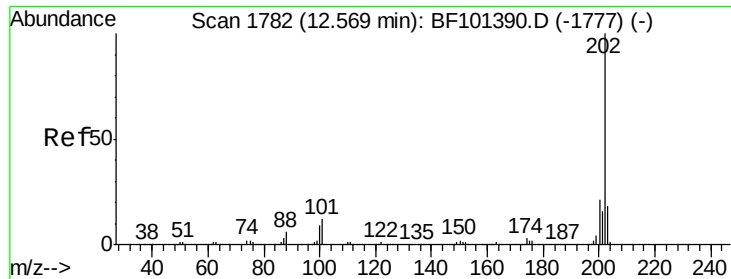
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#70
Phenanthrene
Concen: 2.825 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF101452.D
Acq: 15 Dec 2017 19:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	20.0	15.8	23.8
179	16.9	13.0	19.6





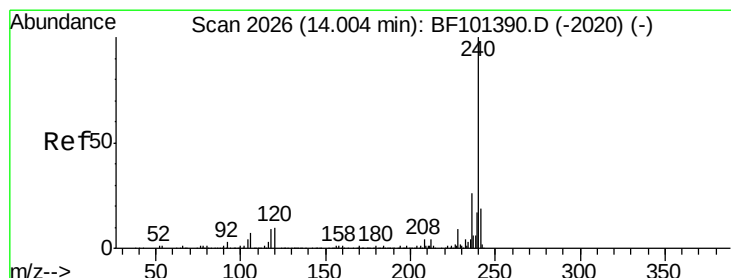
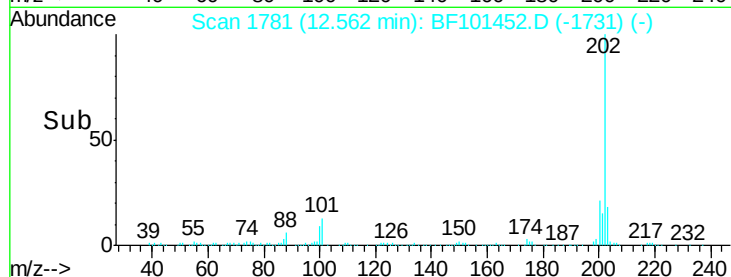
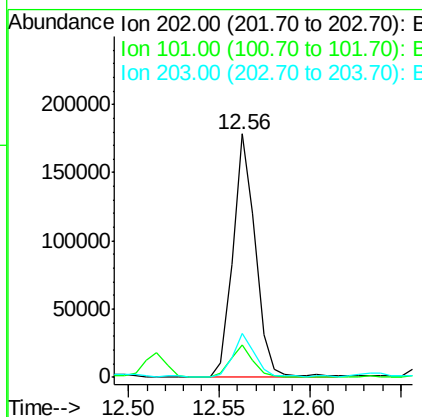
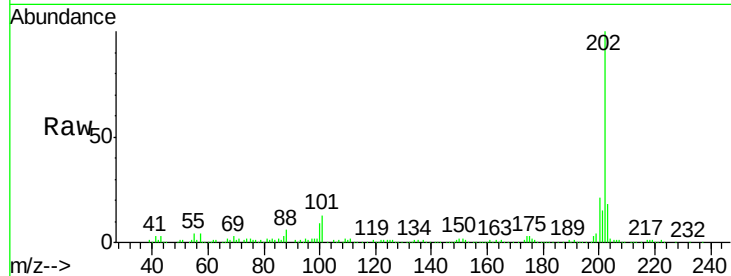
#74
Fluoranthene
Concen: 6.425 ng
RT: 12.56 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BF101452.D
Acq: 15 Dec 2017 19:27

Instrument :
BNA_F
ClientSampleId :
HR-05-121317-B

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.1	0.0	34.1
203	17.8	0.0	38.1

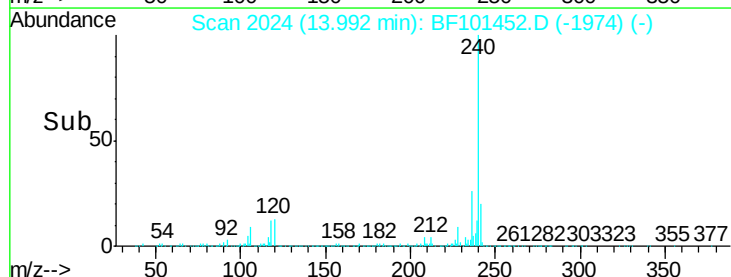
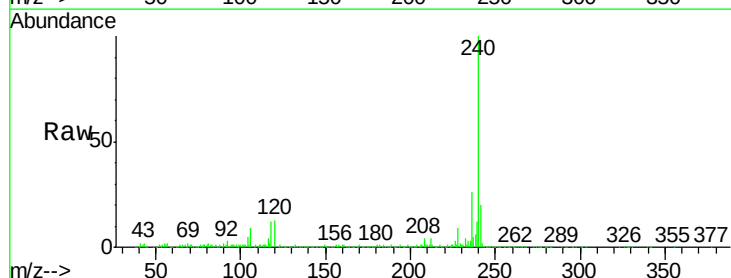
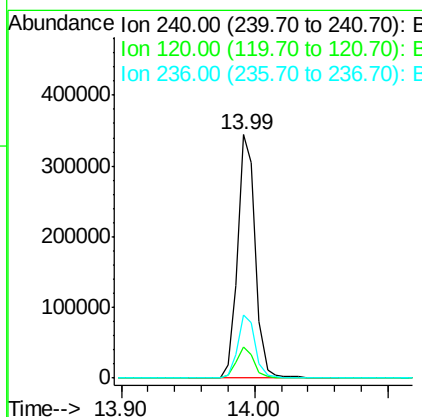
Manual Integrations
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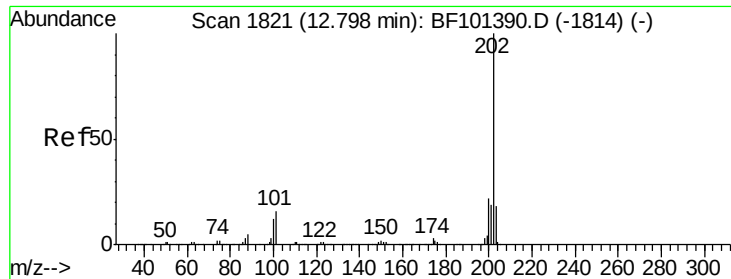
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF101452.D
Acq: 15 Dec 2017 19:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	12.9	9.5	14.3
236	25.8	20.7	31.1





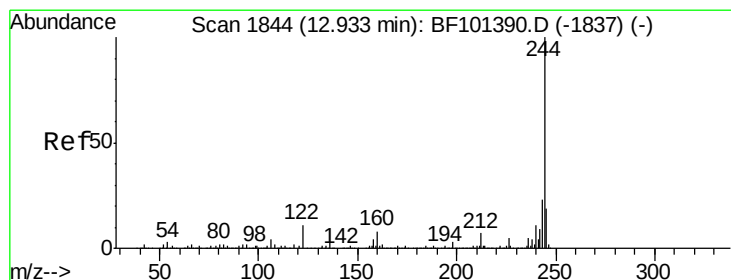
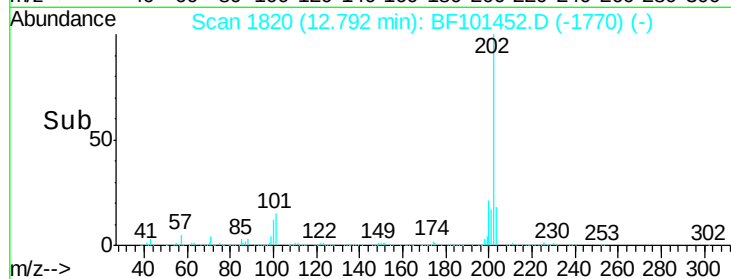
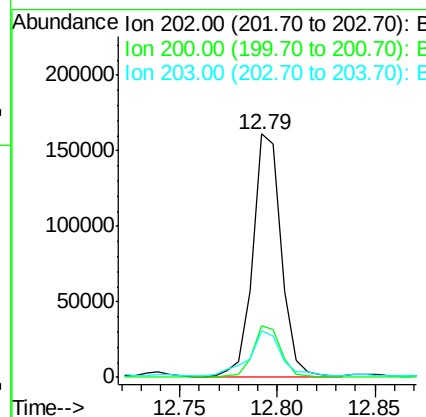
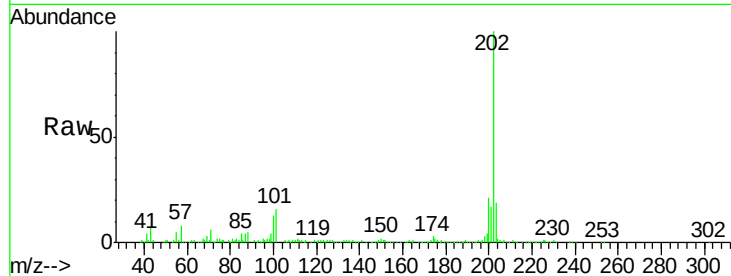
#77
 Pyrene
 Concen: 6.797 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF101452.D
 Acq: 15 Dec 2017 19:27

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-121317-B

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.3	17.4	26.2
203	19.0	14.3	21.5

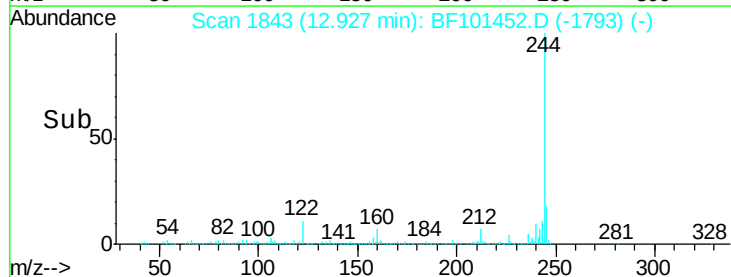
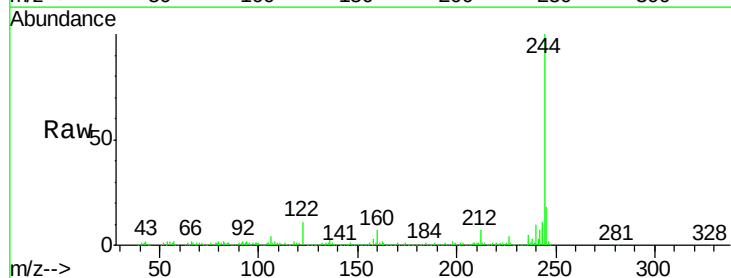
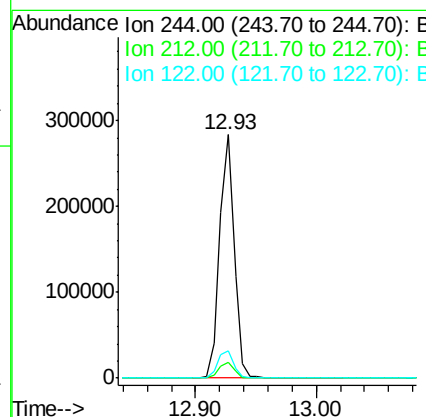
Manual Integrations
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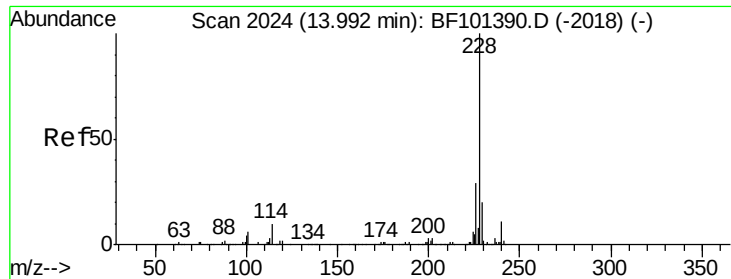
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#78
 Terphenyl-d14
 Concen: 17.735 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF101452.D
 Acq: 15 Dec 2017 19:27

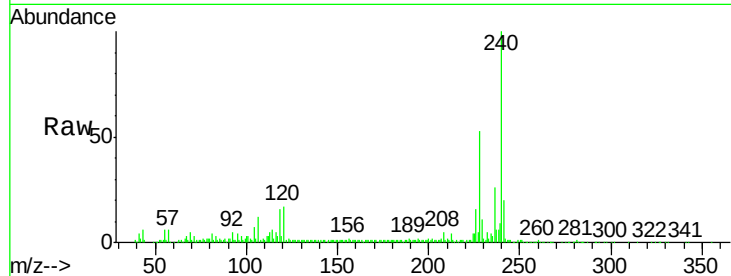
Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.6	5.4	8.0
122	11.3	11.0	16.4





#80
Benzo(a)anthracene
Concen: 3.243 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF101452.D
Acq: 15 Dec 2017 19:27

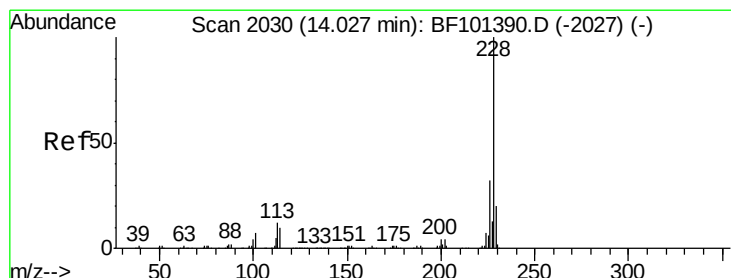
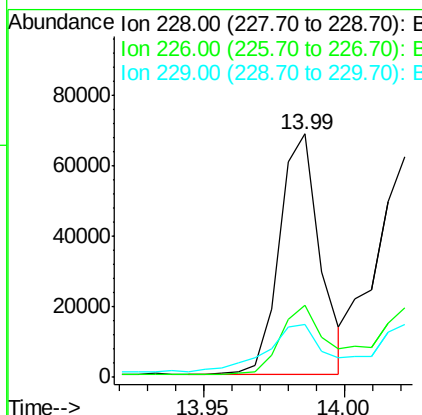
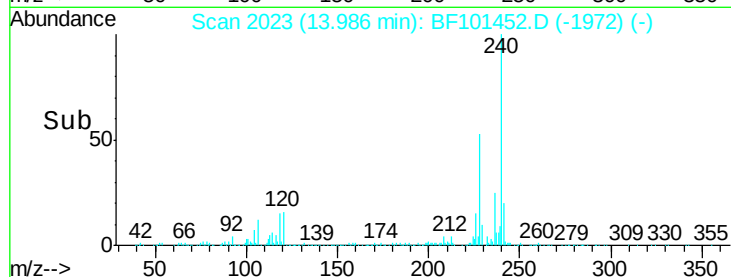
Instrument :
BNA_F
ClientSampleId :
HR-05-121317-B



Tgt Ion: 228 Resp: 68069
Ion Ratio Lower Upper
228 100
226 29.8 22.6 33.8
229 21.5 15.8 23.6

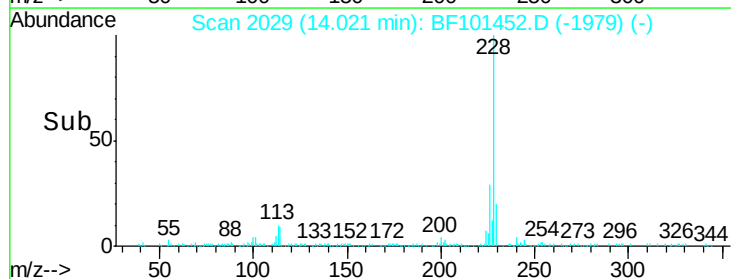
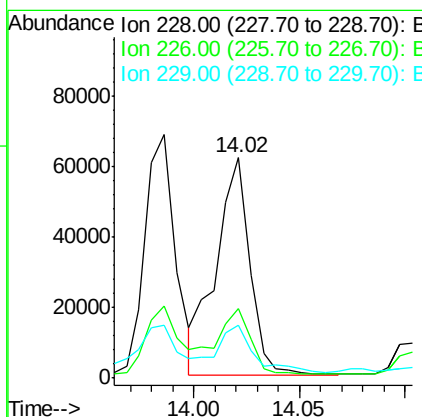
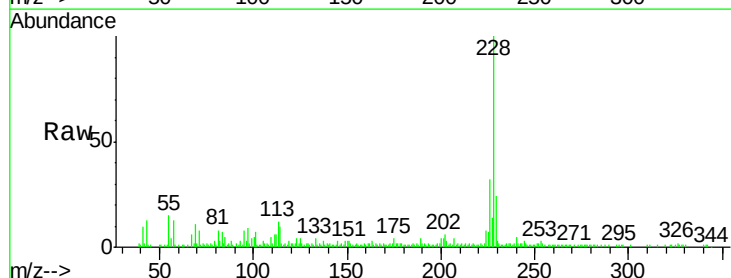
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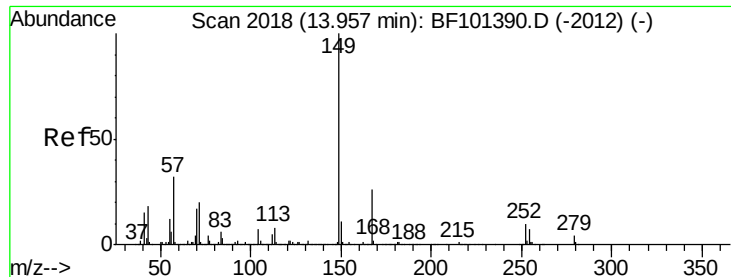
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#82
Chrysene
Concen: 3.482 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF101452.D
Acq: 15 Dec 2017 19:27

Tgt Ion: 228 Resp: 69001
Ion Ratio Lower Upper
228 100
226 31.6 25.0 37.6
229 23.7 16.2 24.4





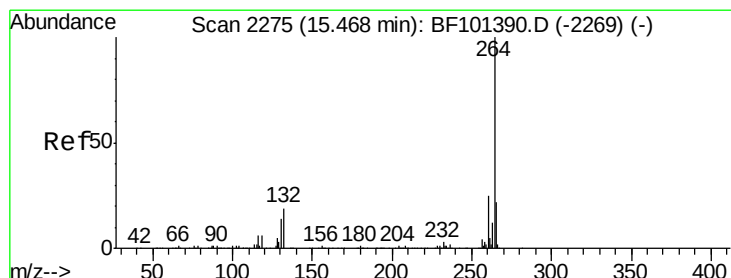
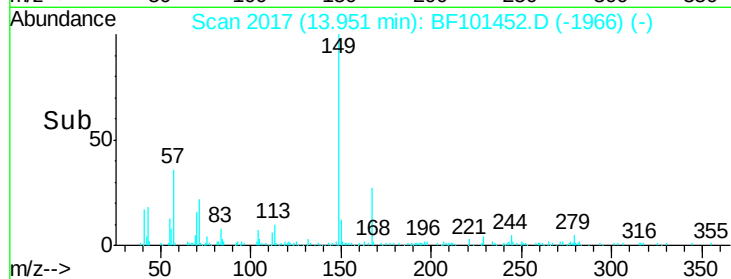
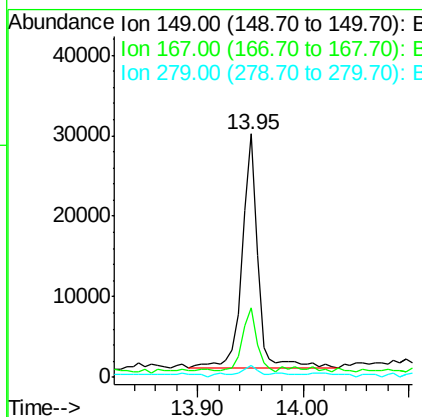
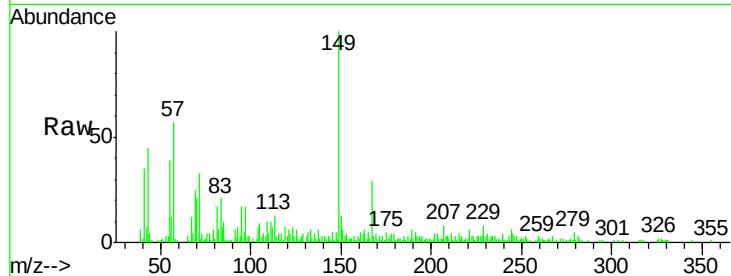
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.122 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF101452.D
Acq: 15 Dec 2017 19:27

Instrument :
BNA_F
ClientSampleId :
HR-05-121317-B

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	28.5	21.3	31.9
279	5.0	3.0	4.4

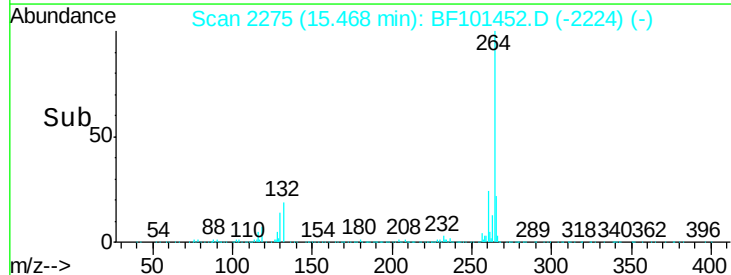
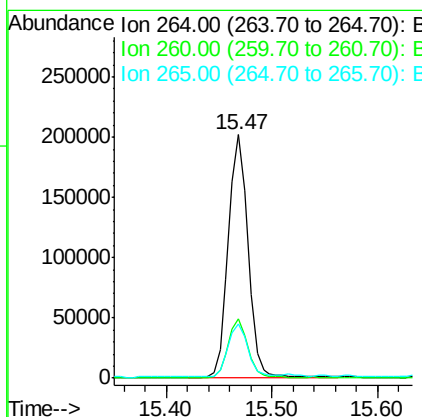
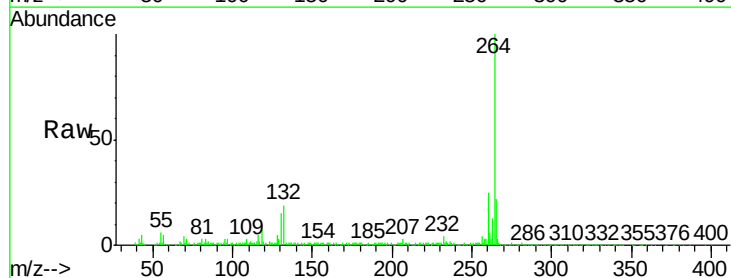
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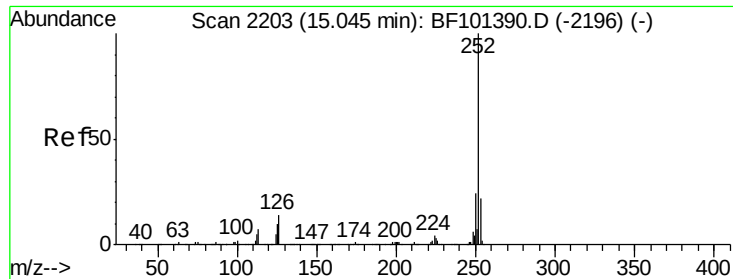
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BF101452.D
Acq: 15 Dec 2017 19:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.5	19.2	28.8
265	22.3	17.5	26.3





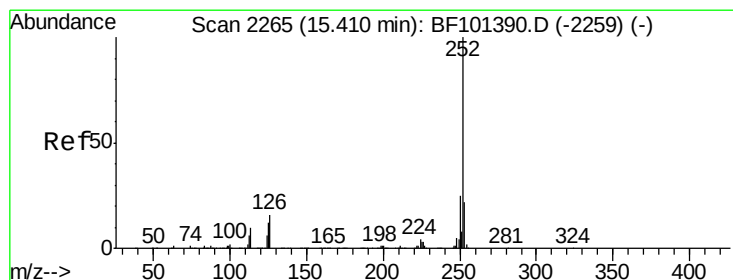
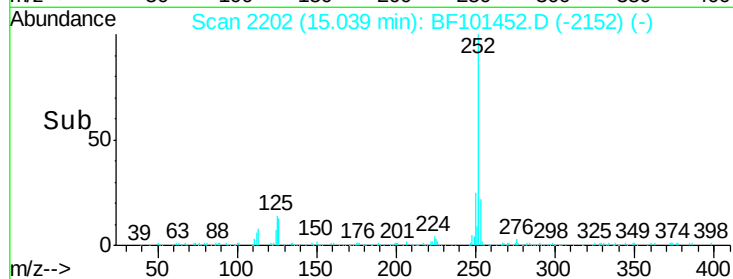
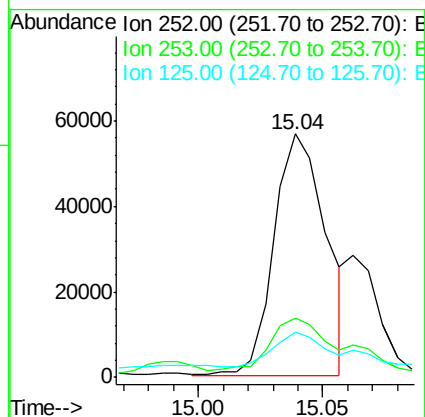
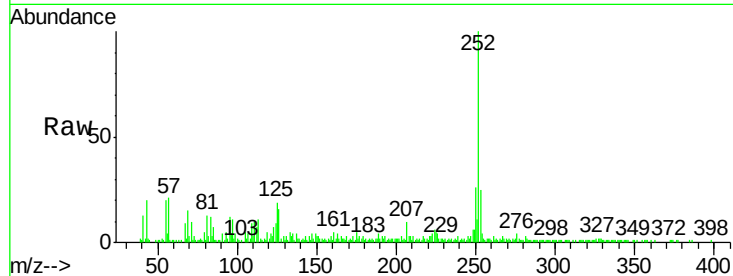
#87
Benzo(b)fluoranthene
Concen: 5.191 ng m
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF101452.D
Acq: 15 Dec 2017 19:27

Instrument :
BNA_F
ClientSampleId :
HR-05-121317-B

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.0	25.6
125	18.6	9.0	13.6

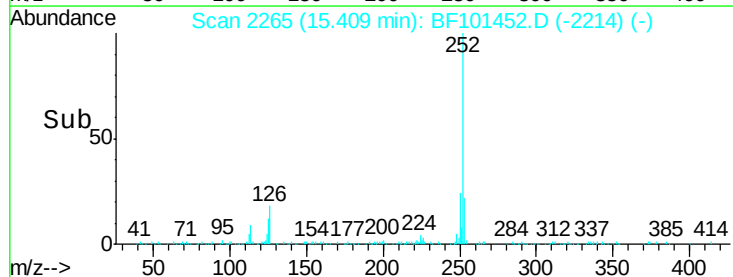
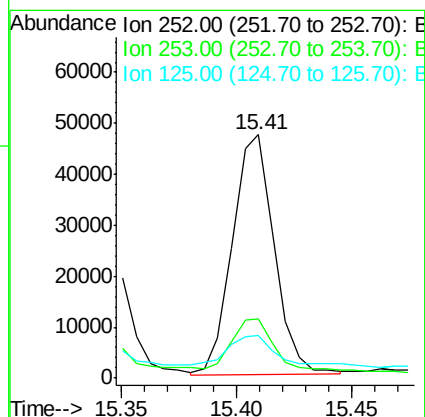
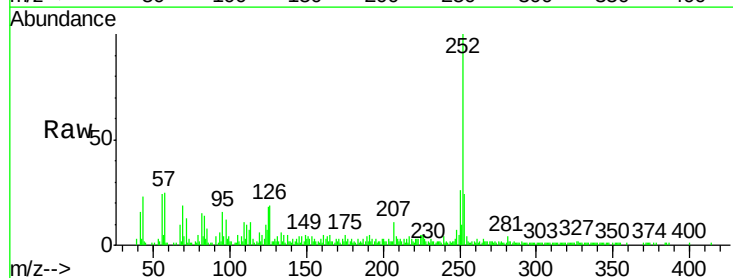
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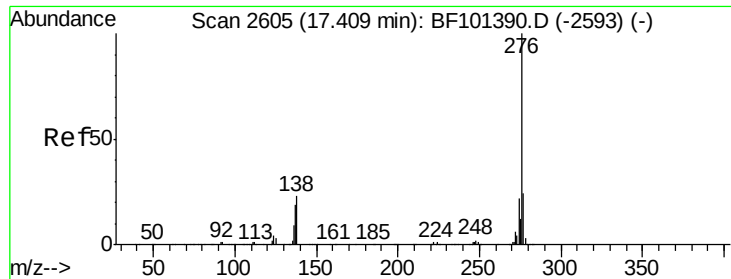
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#89
Benzo(a)pyrene
Concen: 4.080 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BF101452.D
Acq: 15 Dec 2017 19:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.1	25.7
125	17.8	9.8	14.6





#91
 Benzo(g,h,i)perylene
 Concen: 2.634 ng
 RT: 17.41 min Scan# 2605
 Delta R.T. 0.01 min
 Lab File: BF101452.D
 Acq: 15 Dec 2017 19:27

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-121317-B

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.2	17.9	26.9#
138	31.0	21.8	32.8

Manual Integrations
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