

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102145.D
 Acq On : 17 Jan 2018 9:31
 Operator : SJ/JU
 Sample : J1116-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-42-4.5-5.0

Manual Integrations
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Sohil
 1/17/2018 10:42:06 AM

Quant Time: Jan 17 10:03:00 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	134438	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	533488	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	210683	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	304744	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	255044	20.00	ng	-0.02
86) Perylene-d12	15.28	264	197464	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	853800	89.68	ng	0.00
7) Phenol-d6	6.36	99	978692	86.16	ng	0.00
23) Nitrobenzene-d5	7.29	82	605805	66.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	171621	93.34	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1008789	74.80	ng	-0.01
78) Terphenyl-d14	12.82	244	686785	55.91	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.47	163	93568	5.536	ng	98
70) Phenanthrene	11.26	178	39426	2.215	ng	97
74) Fluoranthene	12.44	202	63752	3.640	ng	96
77) Pyrene	12.67	202	58972	2.616	ng	99
80) Benzo(a)anthracene	13.86	228	33172m	2.039	ng	
83) Bis(2-ethylhexyl)phthalate	13.85	149	38520	3.246	ng	99
87) Benzo(b)fluoranthene	14.87	252	34617m	2.689	ng	

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

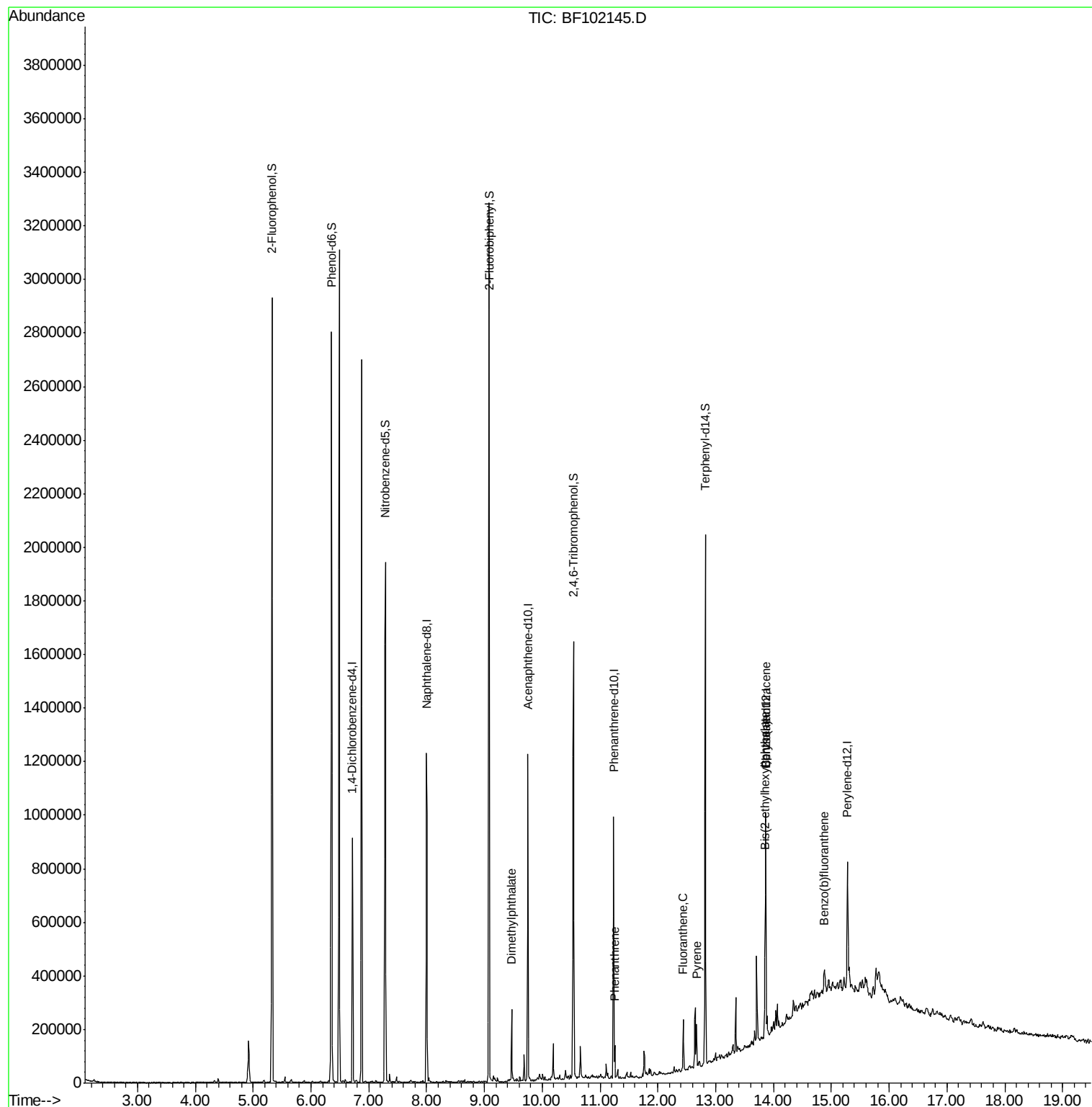
Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
Data File : BF102145.D
Acq On : 17 Jan 2018 9:31
Operator : SJ/JU
Sample : J1116-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SB-42-4.5-5.0

Manual Integrations
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Quant Time: Jan 17 10:03:00 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration





#1

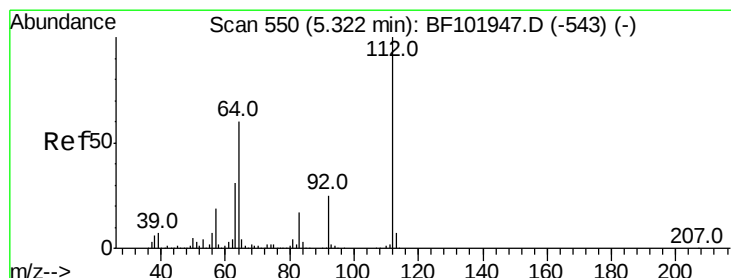
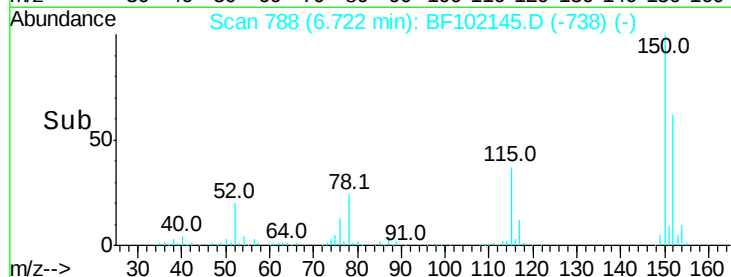
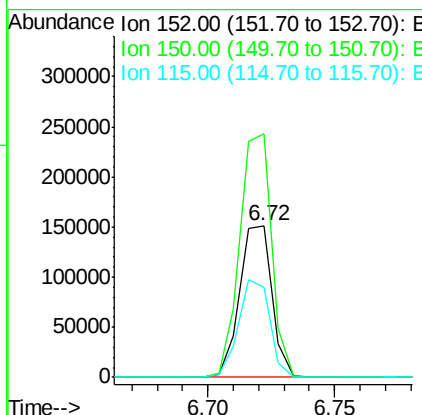
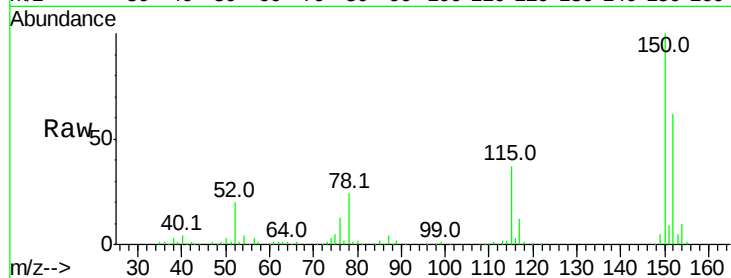
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102145.D
Acq: 17 Jan 2018 9:31

Instrument :
BNA_F
ClientSampleId :
SB-42-4.5-5.0

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	59.0	50.1	75.1

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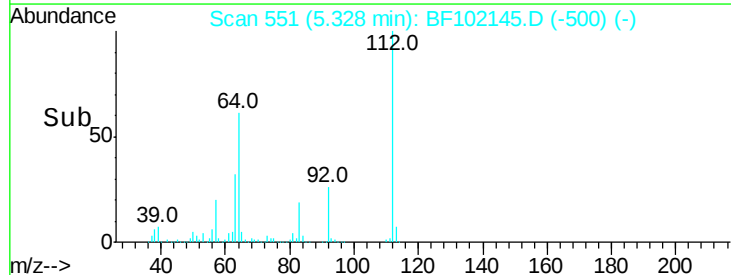
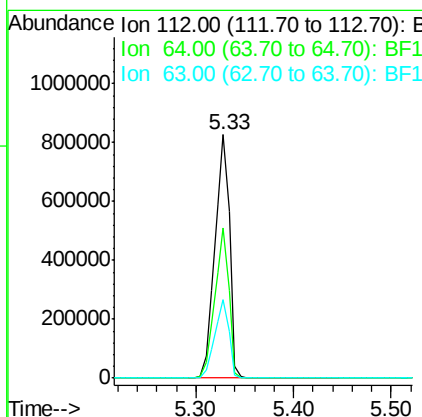
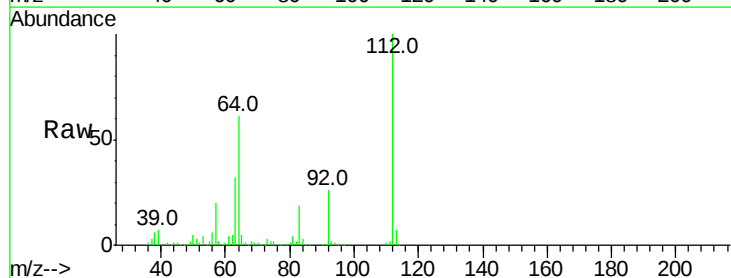
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#5

2-Fluorophenol
Concen: 89.680 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF102145.D
Acq: 17 Jan 2018 9:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	47.9	71.9
63	32.4	23.7	35.5





#7

Phenol-d6

Concen: 86.160 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102145.D

Acq: 17 Jan 2018 9:31

Instrument :

BNA_F

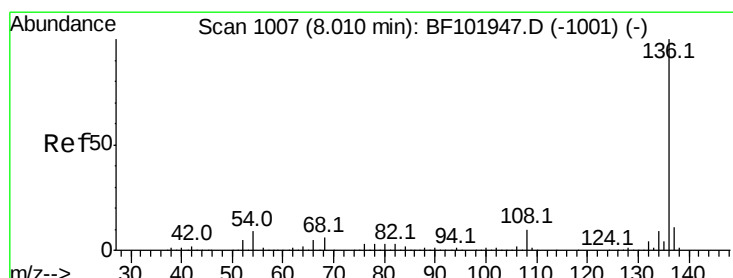
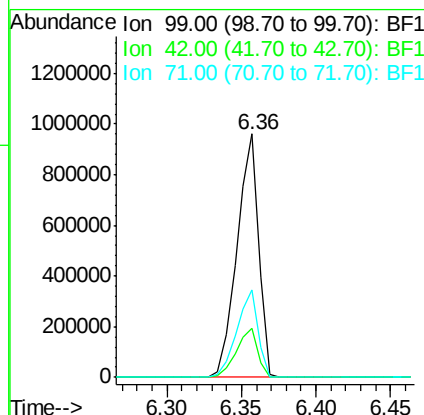
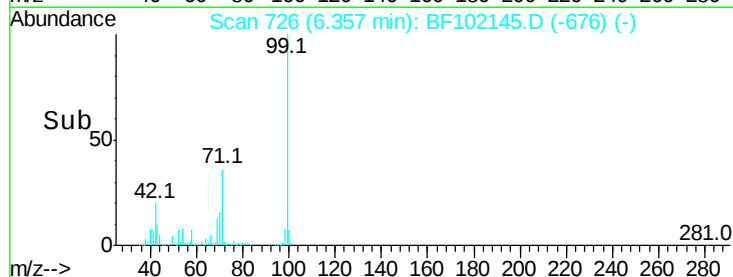
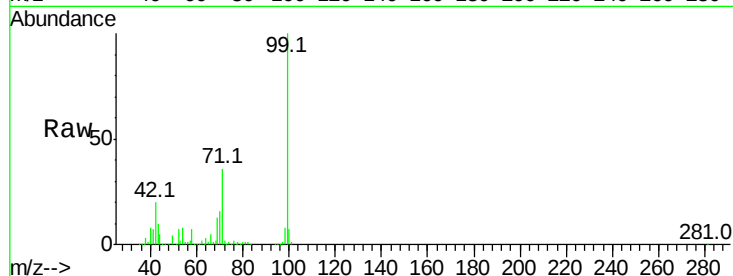
ClientSampleId :

SB-42-4.5-5.0

Tot Ion:	99	Resp:	978692
Ion Ratio	Lower	Upper	
99	100		
42	19.9	14.5	21.7
71	36.0	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

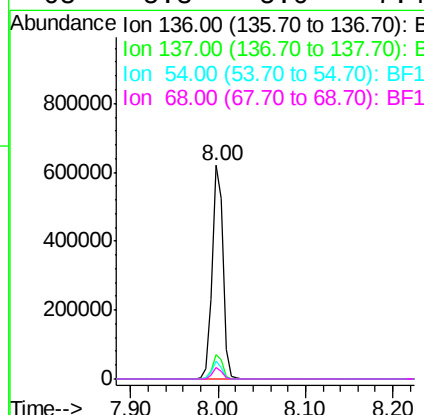
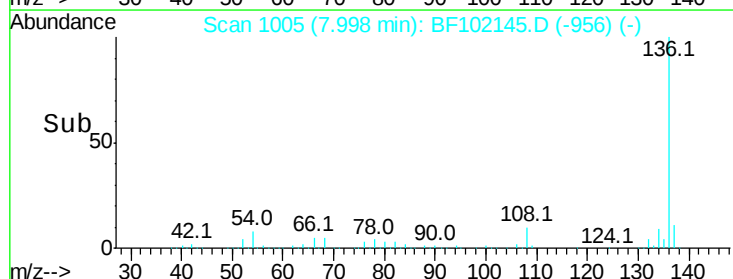
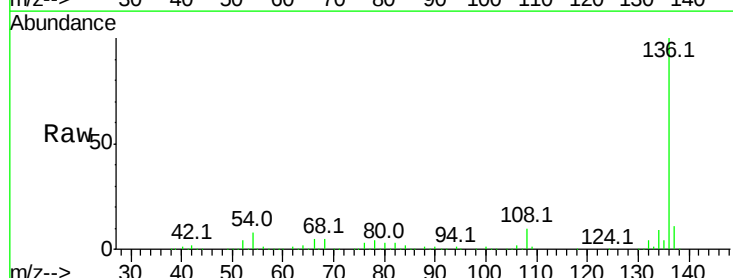
RT: 8.00 min Scan# 1005

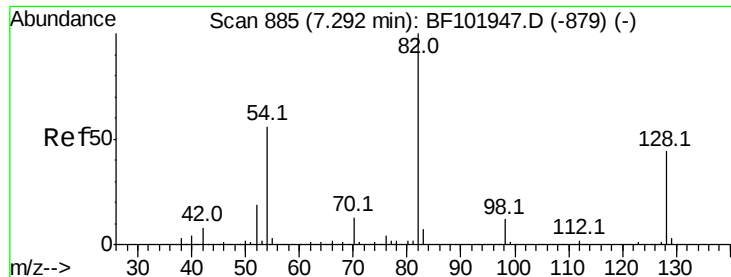
Delta R.T. -0.01 min

Lab File: BF102145.D

Acq: 17 Jan 2018 9:31

Tgt Ion:	136	Resp:	533488
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	8.3	6.6	9.8
68	5.3	5.0	7.4





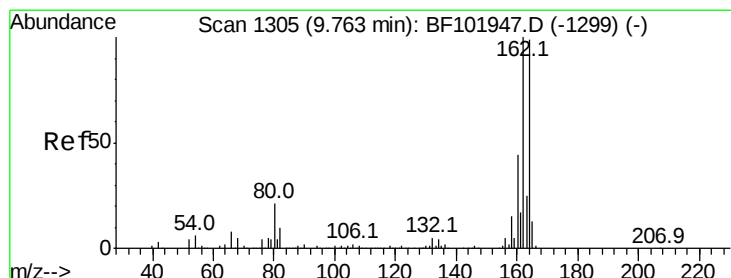
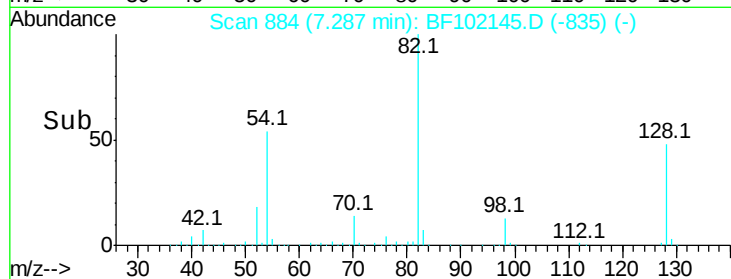
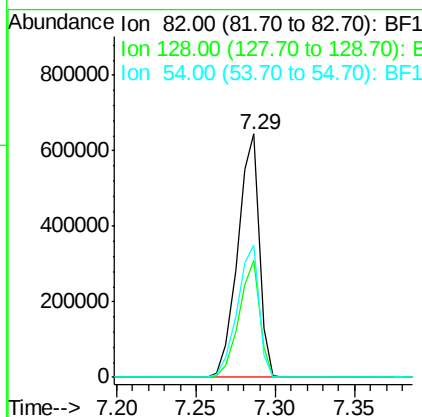
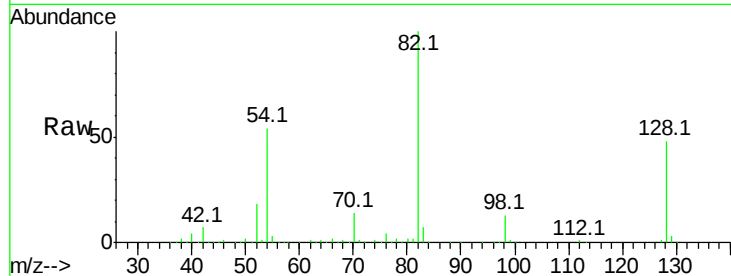
#23
 Nitrobenzene-d5
 Concen: 66.730 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF102145.D
 Acq: 17 Jan 2018 9:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-42-4.5-5.0

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.9	36.1	54.1
54	54.5	41.4	62.2

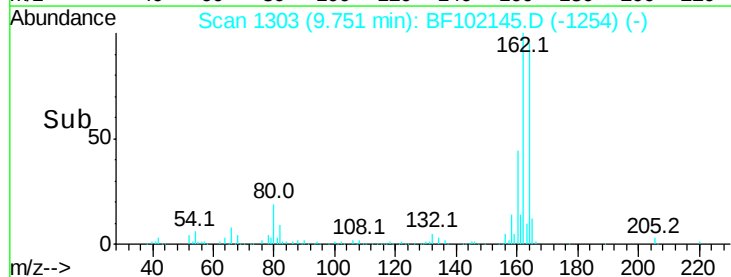
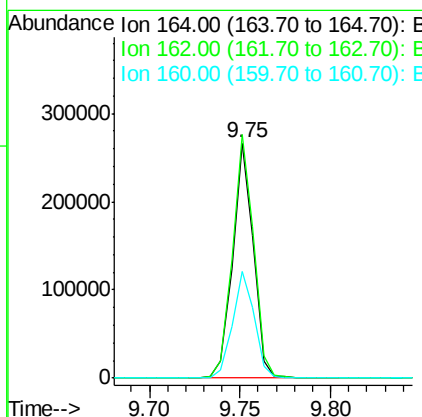
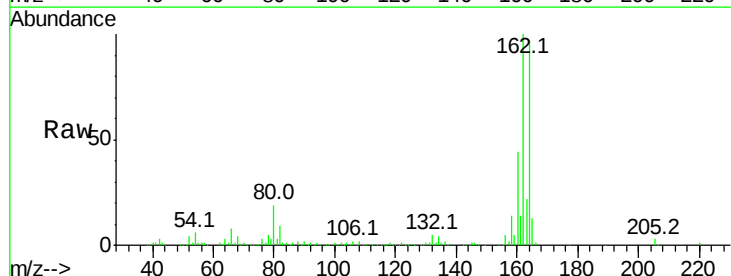
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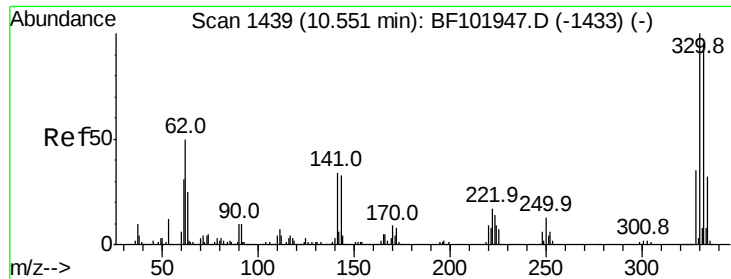
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102145.D
 Acq: 17 Jan 2018 9:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	45.3	38.3	57.5





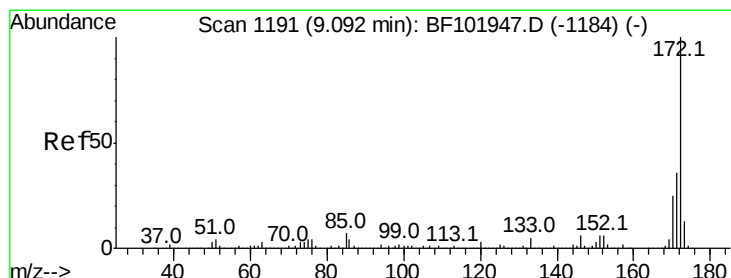
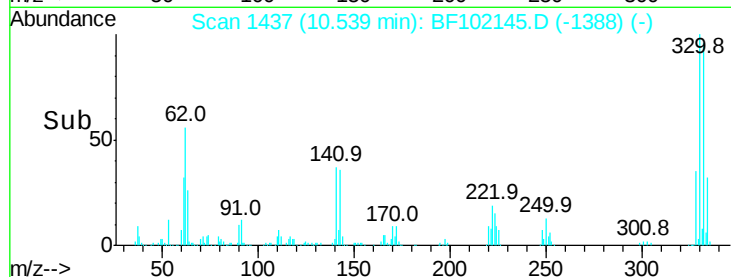
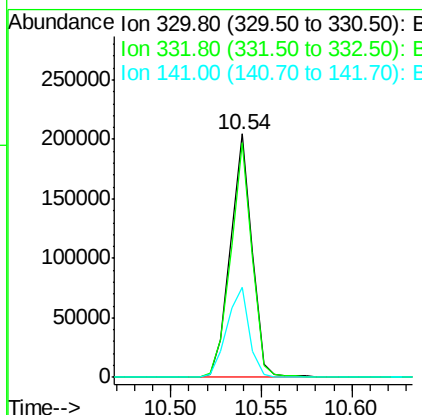
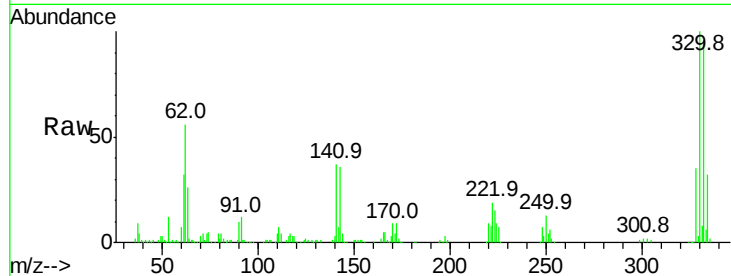
#41
 2,4,6-Tribromophenol
 Concen: 93.343 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102145.D
 Acq: 17 Jan 2018 9:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-42-4.5-5.0

Tot Ion	Ratio	Resp	Lower	Upper
330	100	171621		
332	95.4	77.0	115.6	
141	38.3	29.9	44.9	

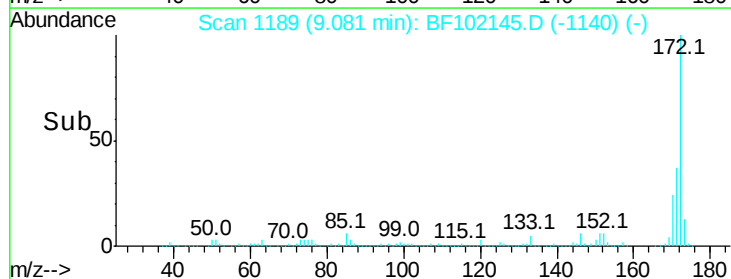
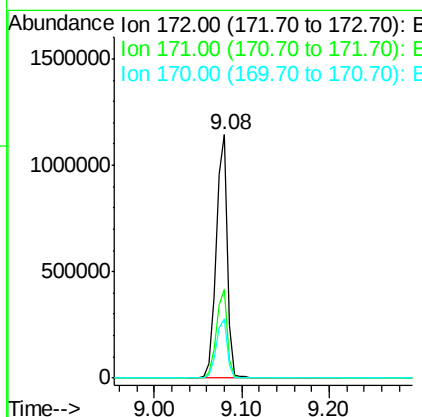
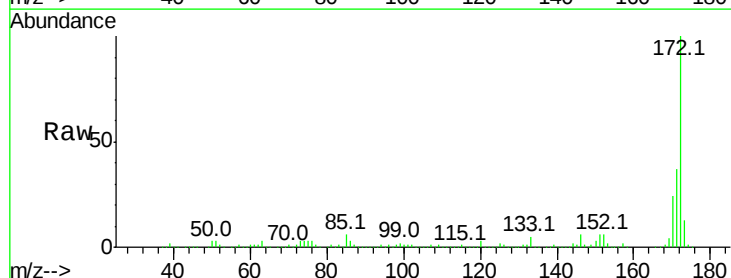
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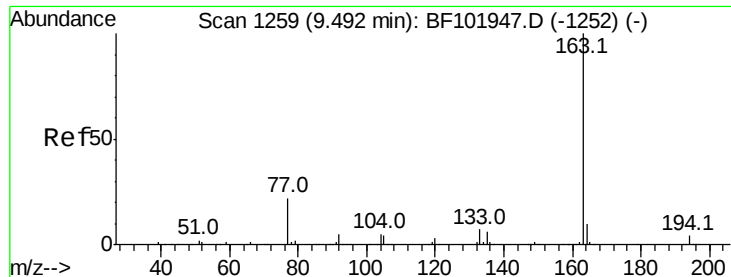
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#44
 2-Fluorobiphenyl
 Concen: 74.804 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102145.D
 Acq: 17 Jan 2018 9:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1008789		
171	36.6	29.7	44.5	
170	24.3	19.6	29.4	





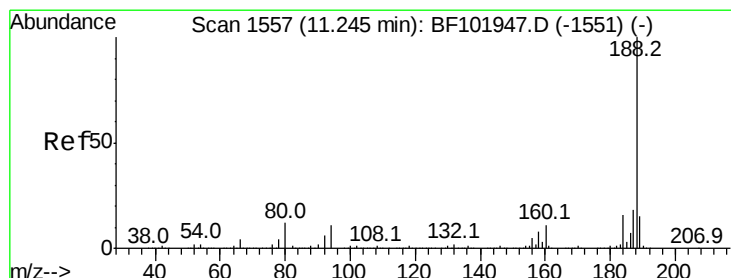
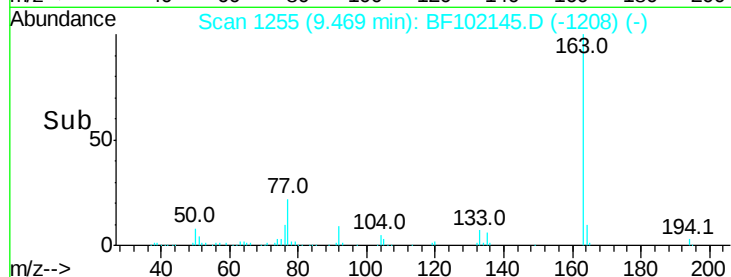
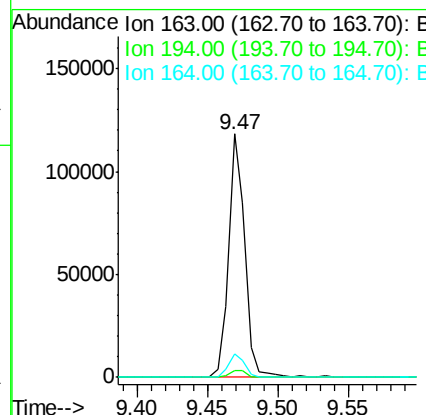
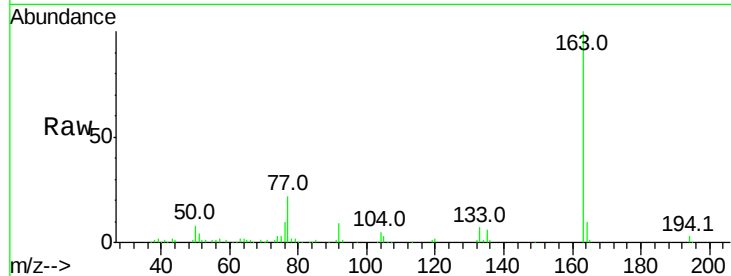
#49
Dimethylphthalate
Concen: 5.536 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102145.D
Acq: 17 Jan 2018 9:31

Instrument :
BNA_F
ClientSampleId :
SB-42-4.5-5.0

Tot Ion:	163	Resp:	93568
Ion Ratio	Lower	Upper	
163	100		
194	3.0	2.7	4.1
164	9.6	8.2	12.2

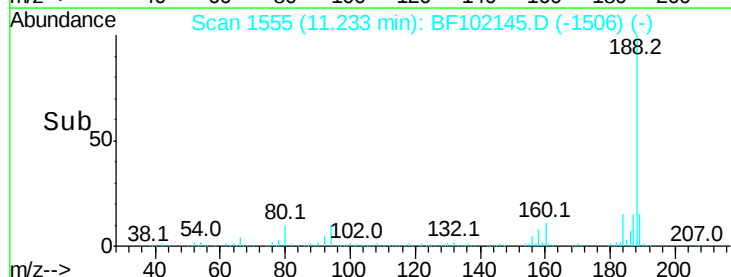
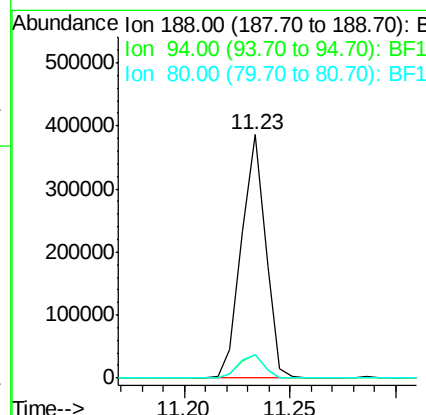
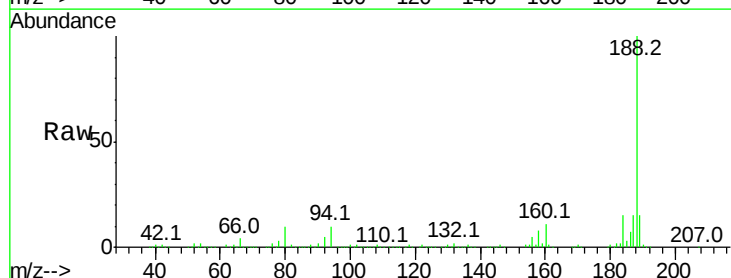
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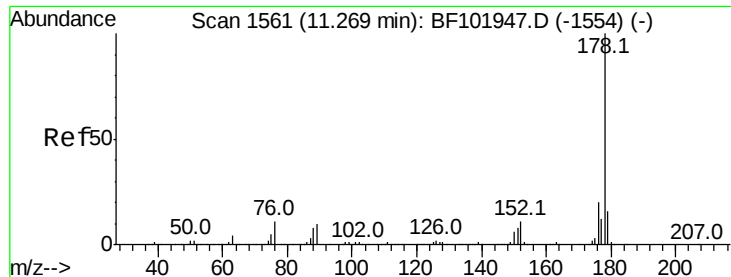
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102145.D
Acq: 17 Jan 2018 9:31

Tgt Ion:	188	Resp:	304744
Ion Ratio	Lower	Upper	
188	100		
94	9.5	8.5	12.7
80	9.8	9.2	13.8





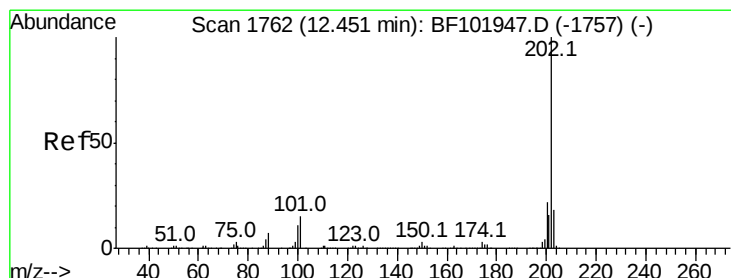
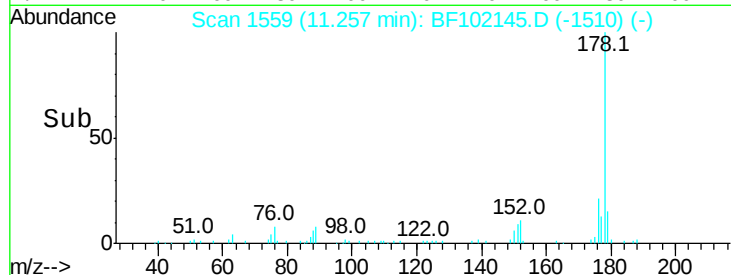
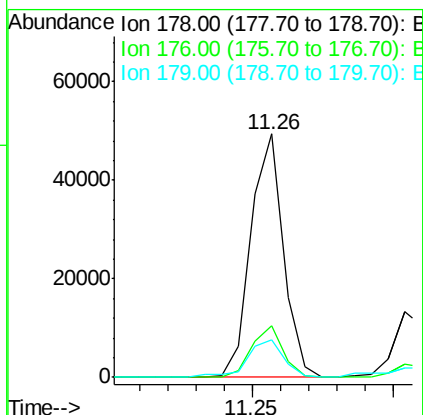
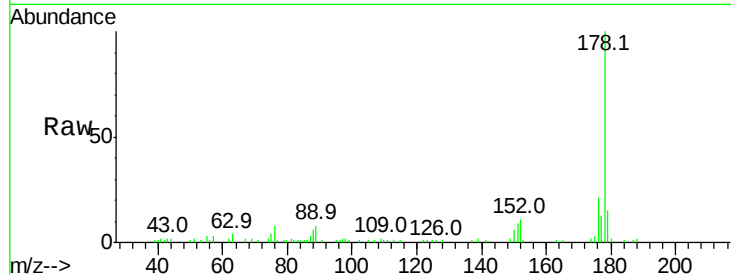
#70
Phenanthrene
Concen: 2.215 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102145.D
Acq: 17 Jan 2018 9:31

Instrument :
BNA_F
ClientSampleId :
SB-42-4.5-5.0

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.8	23.8
179	15.4	13.0	19.6

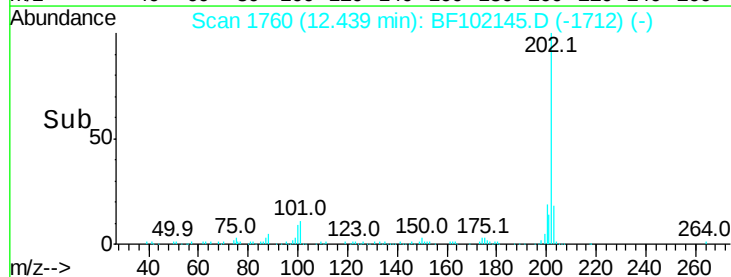
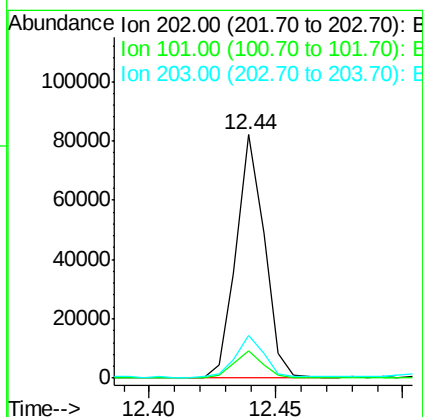
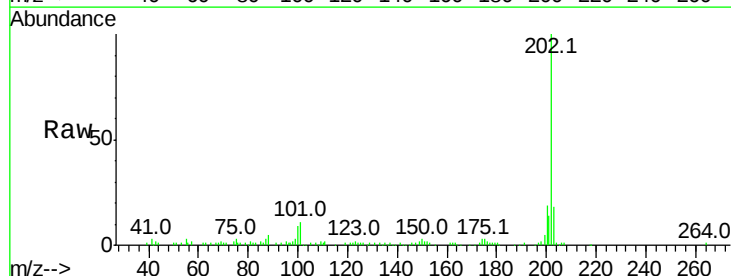
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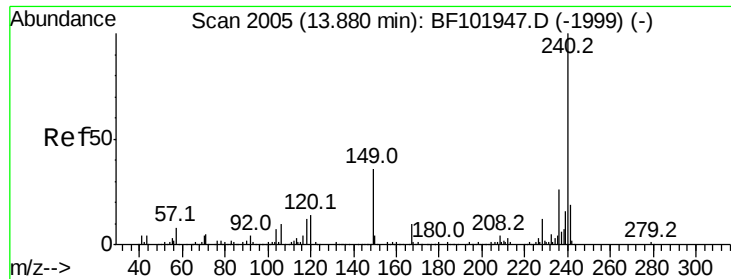
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#74
Fluoranthene
Concen: 3.640 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.02 min
Lab File: BF102145.D
Acq: 17 Jan 2018 9:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	34.1
203	17.5	0.0	38.1





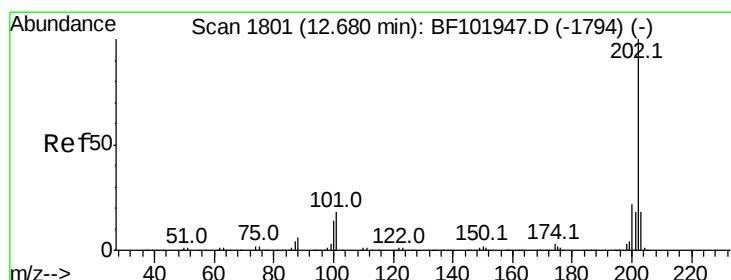
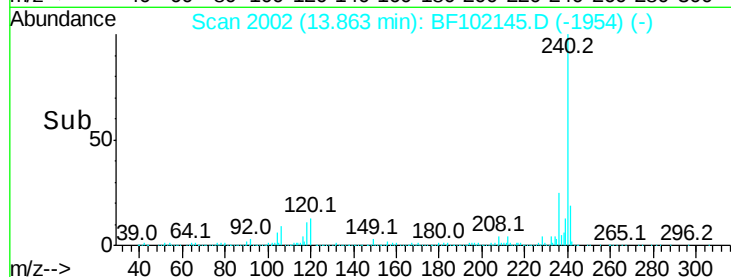
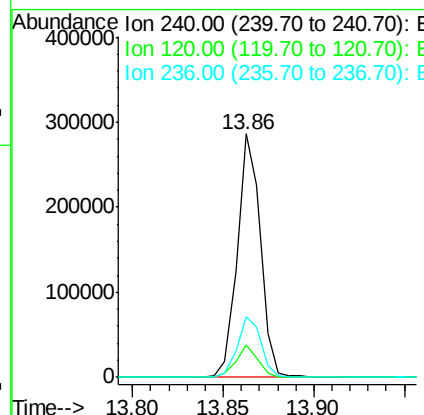
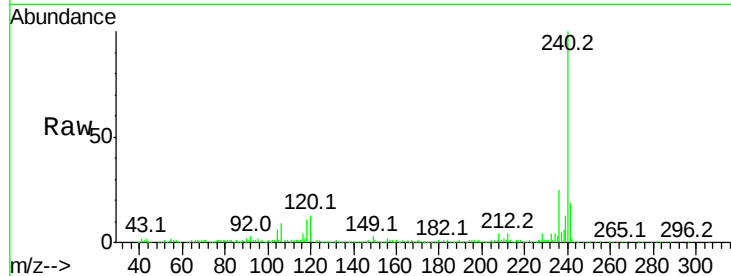
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF102145.D
Acq: 17 Jan 2018 9:31

Instrument :
BNA_F
ClientSampleId :
SB-42-4.5-5.0

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	13.2	9.5	14.3
236	25.0	20.7	31.1

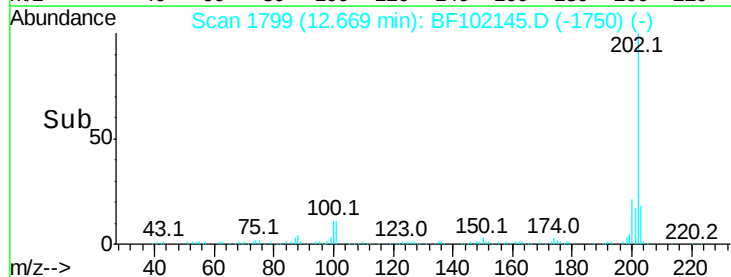
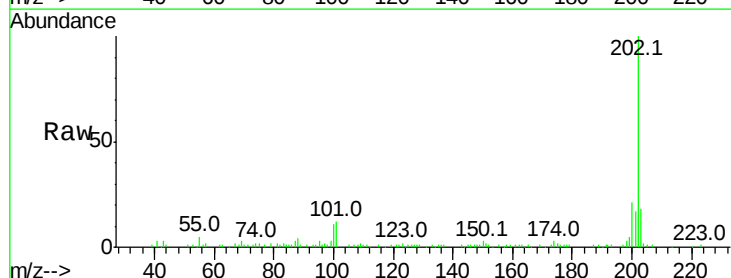
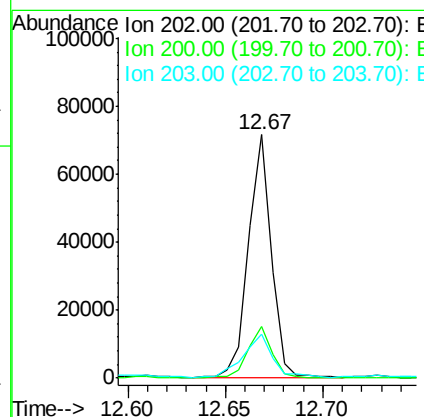
Manual Integrations
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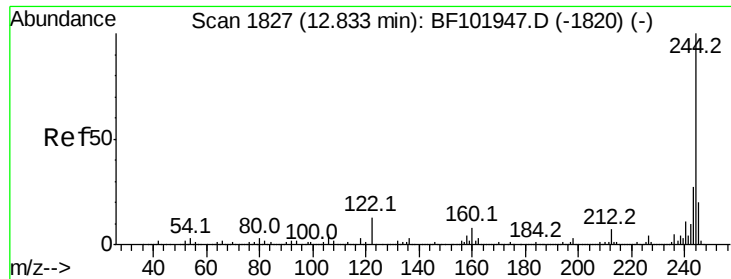
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#77
Pyrene
Concen: 2.616 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF102145.D
Acq: 17 Jan 2018 9:31

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	21.0	17.4	26.2
203	18.1	14.3	21.5





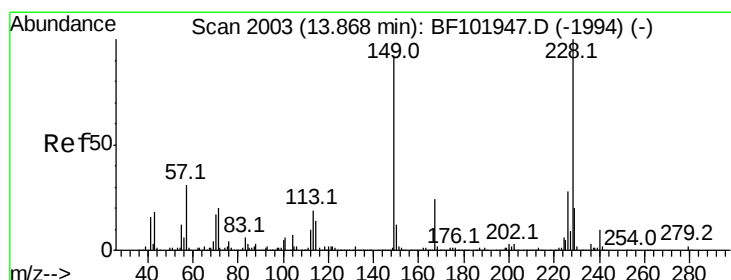
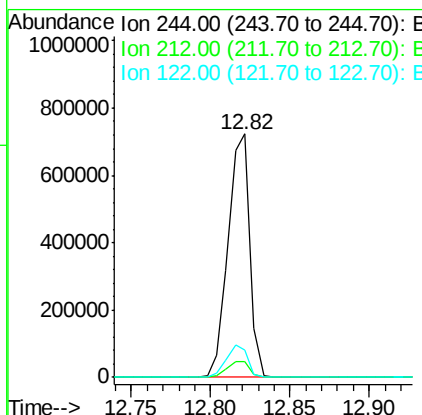
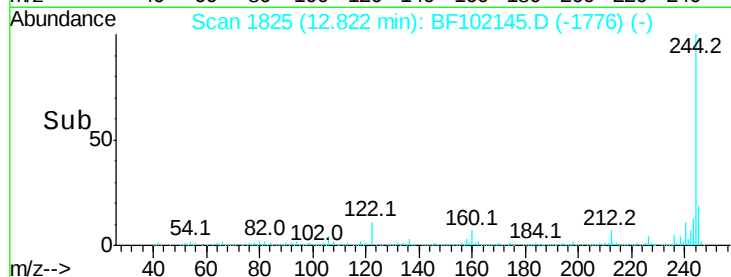
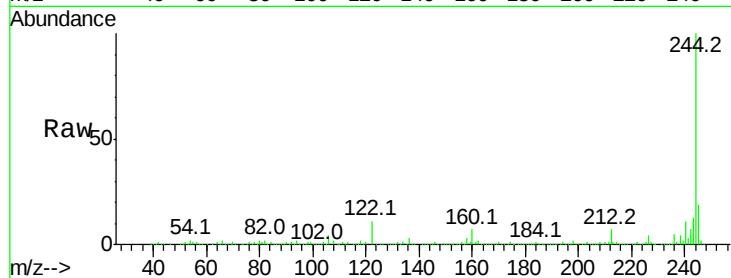
#78
 Terphenyl-d14
 Concen: 55.910 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102145.D
 Acq: 17 Jan 2018 9:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-42-4.5-5.0

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

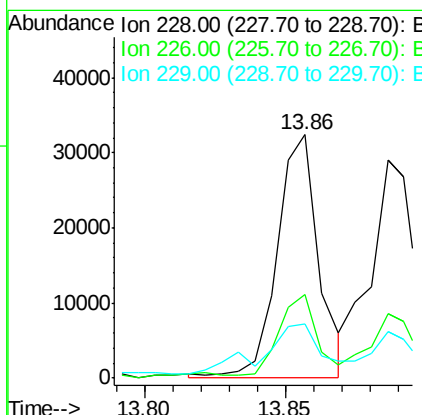
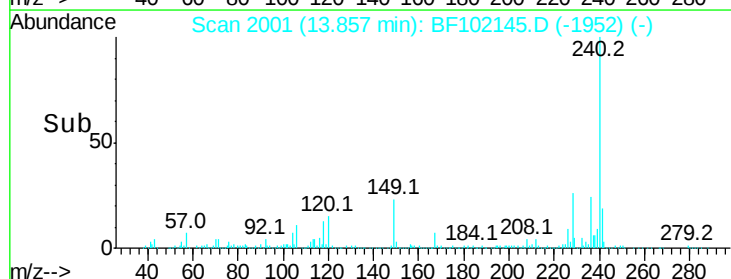
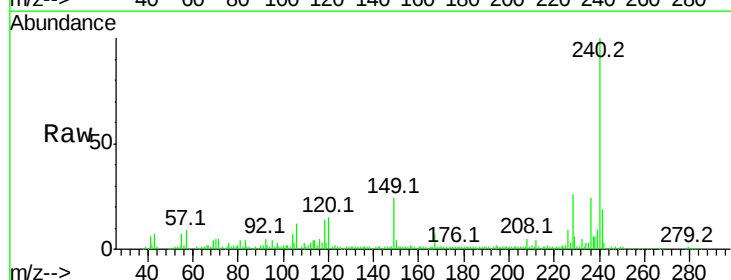
Manual Integrations
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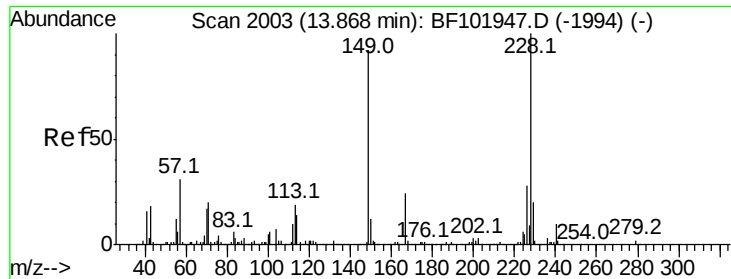
Sohil
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#80
 Benzo(a)anthracene
 Concen: 2.039 ng m
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF102145.D
 Acq: 17 Jan 2018 9:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.3	22.6	33.8#
229	22.4	15.8	23.6





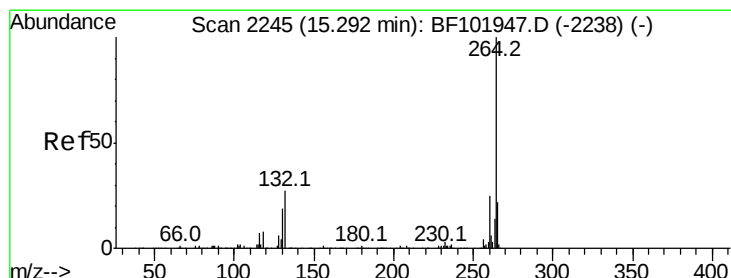
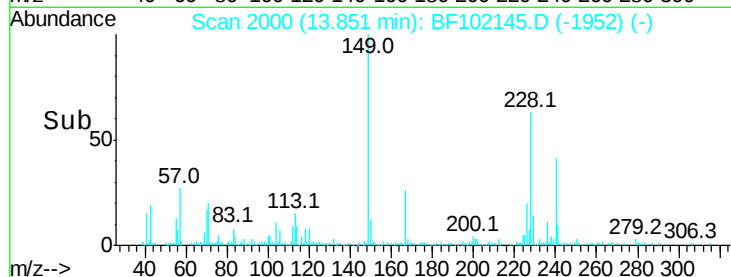
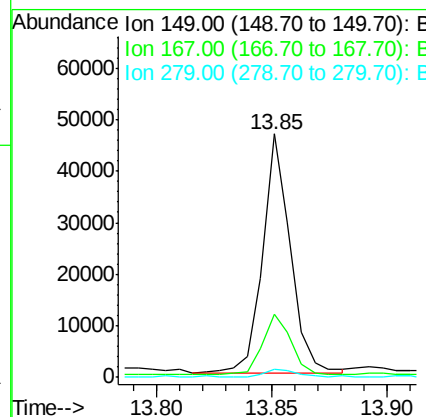
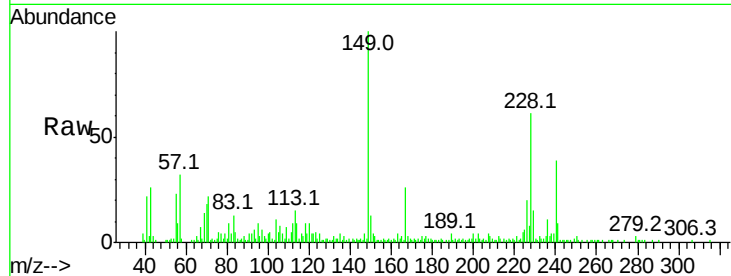
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.246 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BF102145.D
 Acq: 17 Jan 2018 9:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-42-4.5-5.0

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.3	31.9
279	3.2	3.0	4.4

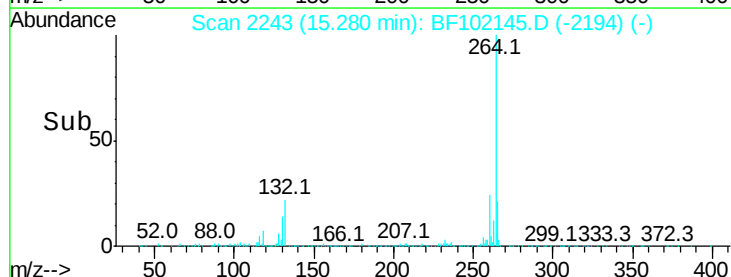
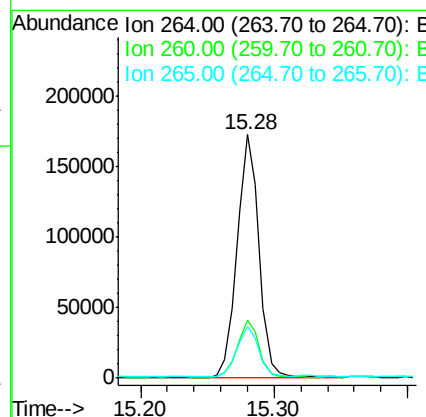
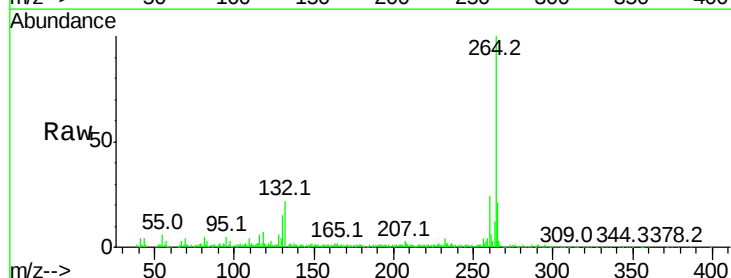
Manual Integrations
 APPROVED

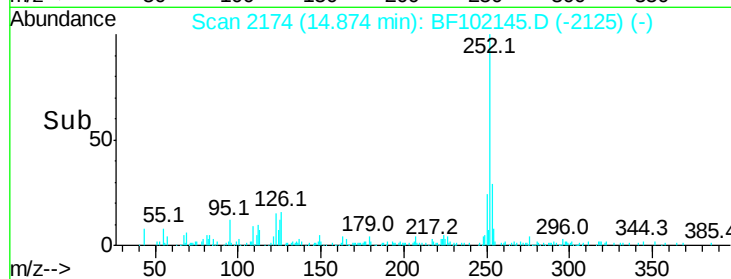
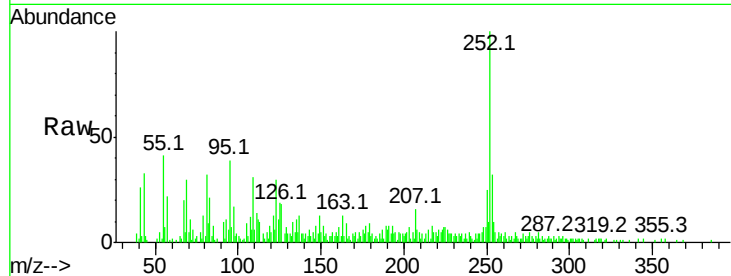
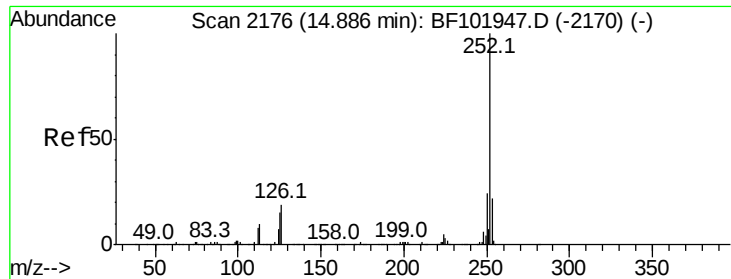
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF102145.D
 Acq: 17 Jan 2018 9:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.4	17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 2.689 ng/ml
 RT: 14.87 min Scan# 2174
 Delta R.T. -0.01 min
 Lab File: BF102145.D
 Acq: 17 Jan 2018 9:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-42-4.5-5.0

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.7	17.0	25.6#
125	19.5	9.0	13.6#

Manual Integrations
 APPROVED

Sohil
 1/17/2018 10:42:06 AM

