

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
 Data File : BF100668.D
 Acq On : 17 Nov 2017 11:14
 Operator : SJ/JU
 Sample : I6479-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-20

Manual Integrations
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 11/17/2017 5:17:13 PM

Quant Time: Nov 17 16:10:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	86951	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	307736	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	69385	20.00	ng	0.02
63) Phenanthrene-d10	11.49	188	37972	20.00	ng	0.08
75) Chrysene-d12	14.09	240	123110	20.00	ng	0.05
86) Perylene-d12	15.54	264	218228	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	424257	78.21	ng	0.00
7) Phenol-d6	6.50	99	513182	76.72	ng	0.00
23) Nitrobenzene-d5	7.44	82	303151	65.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.76	330	41082	58.10	ng	0.05
44) 2-Fluorobiphenyl	9.24	172	509488	111.81	ng	0.00
78) Terphenyl-d14	13.07	244	110394	20.60	ng	0.09
Target Compounds						
49) Dimethylphthalate	9.64	163	65098m	12.288	ng	Qvalue
80) Benzo(a)anthracene	14.08	228	23793	3.209	ng	# 66
82) Chrysene	14.12	228	19543	2.722	ng	# 64
83) Bis(2-ethylhexyl)phthalate	14.04	149	21701	4.610	ng	# 69
85) Indeno(1,2,3-cd)pyrene	17.00	276	13815	2.379	ng	# 88
87) Benzo(b)fluoranthene	15.11	252	48703m	3.767	ng	#
89) Benzo(a)pyrene	15.47	252	25582	2.232	ng	# 56

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

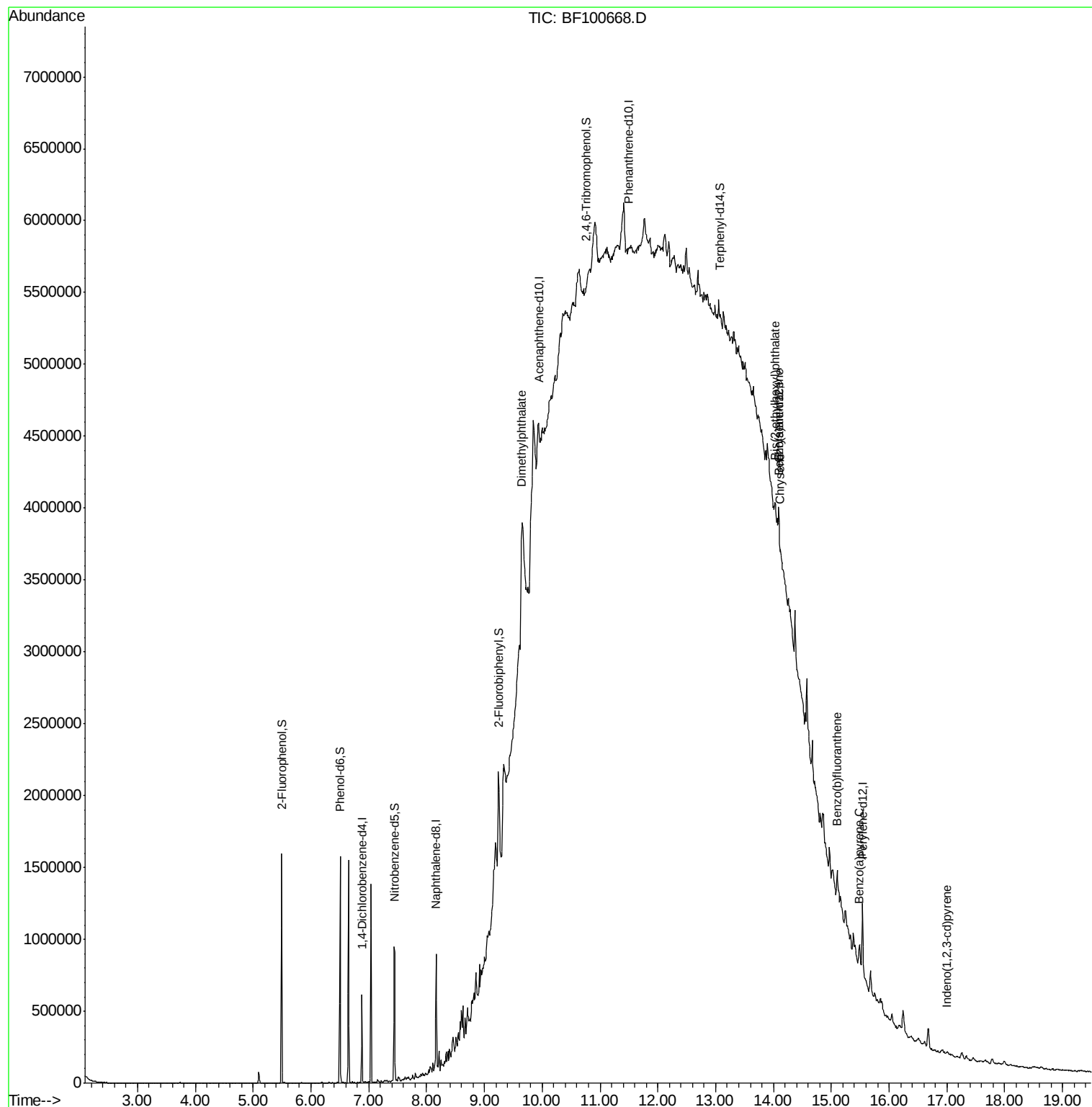
Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
Data File : BF100668.D
Acq On : 17 Nov 2017 11:14
Operator : SJ/JU
Sample : I6479-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

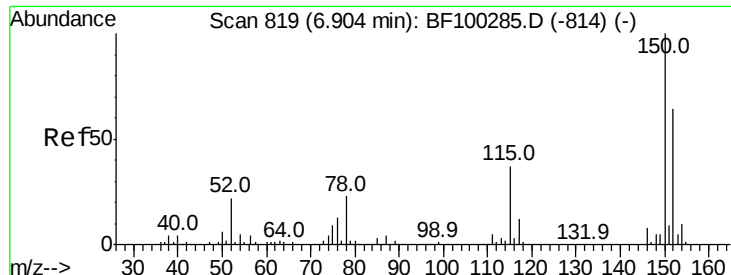
Instrument :
BNA_F
ClientSampled :
T-20

Manual Integrations
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Quant Time: Nov 17 16:10:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
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#1

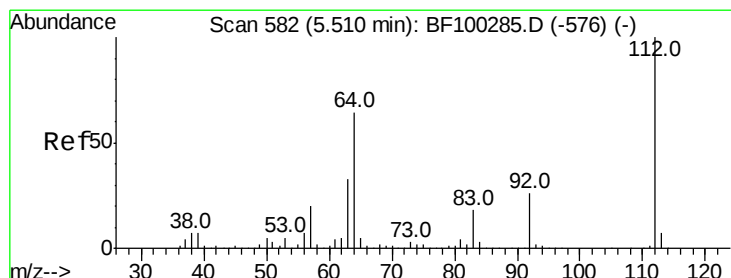
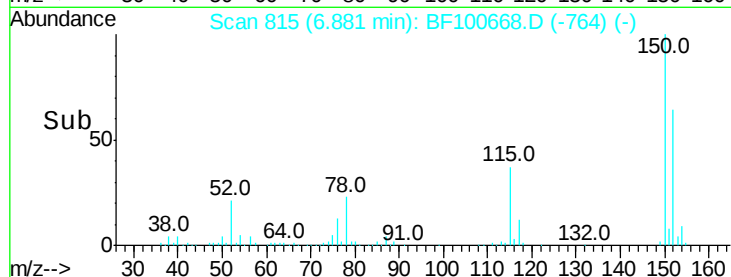
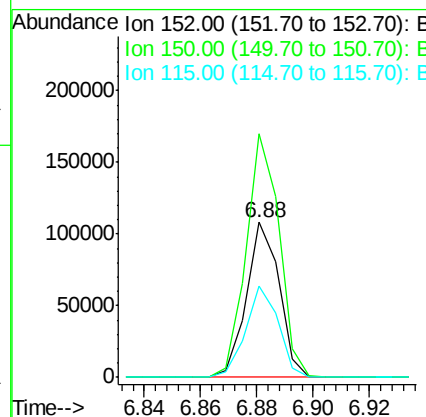
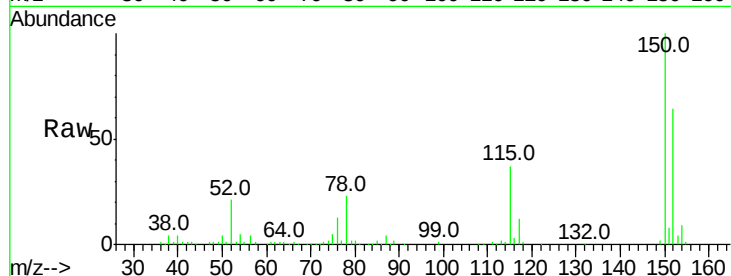
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF100668.D
Acq: 17 Nov 2017 11:14

Instrument :
BNA_F
ClientSampled :
T-20

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	58.9	50.1	75.1

Manual Integrations
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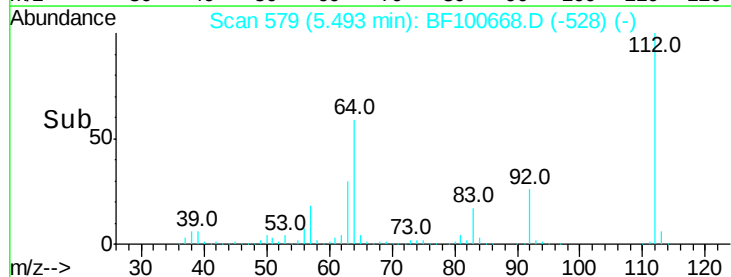
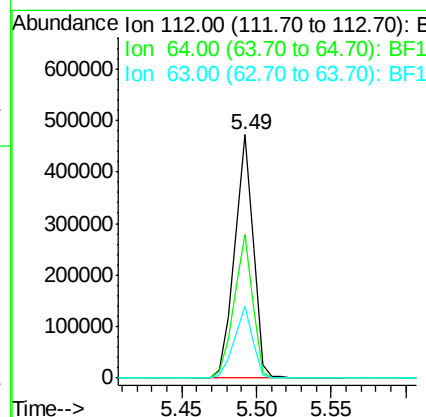
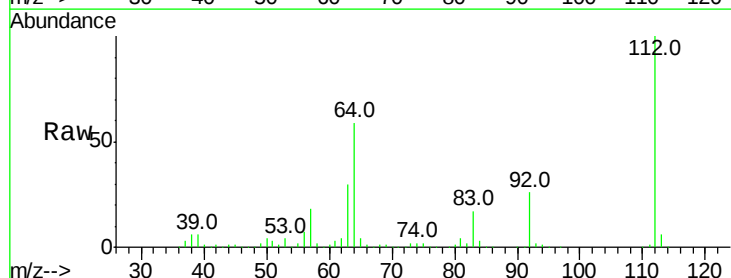
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#5

2-Fluorophenol
Concen: 78.214 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF100668.D
Acq: 17 Nov 2017 11:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.9	71.9
63	29.7	23.7	35.5





#7

Phenol-d6

Concen: 76.722 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100668.D

Acq: 17 Nov 2017 11:14

Instrument :

BNA_F

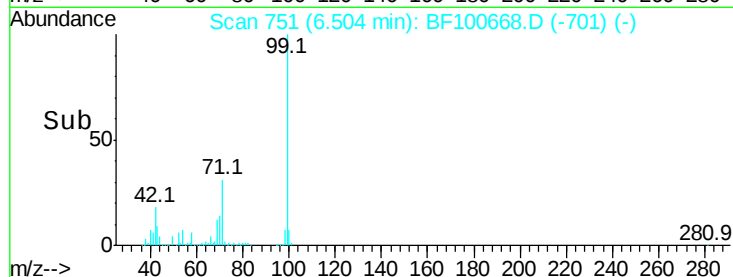
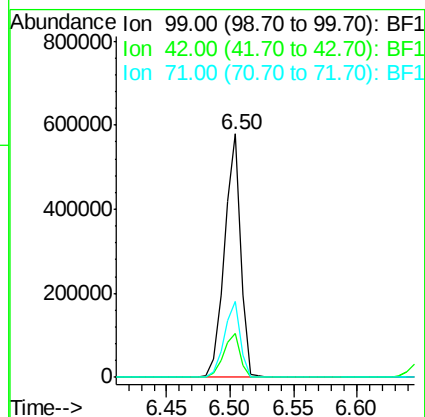
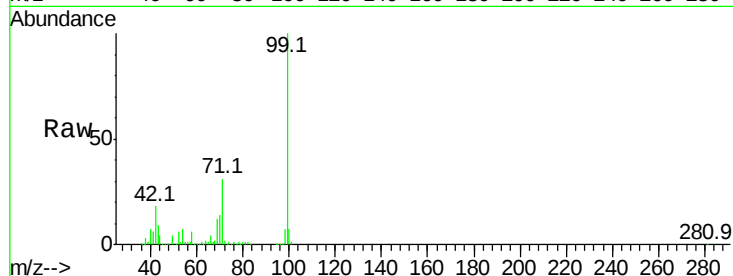
ClientSampled :

T-20

Tot Ion	99	Resp	513182
Ion Ratio	Lower	Upper	
99	100		
42	18.1	14.5	21.7
71	31.1	25.4	38.0

Manual Integrations
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#21

Naphthalene-d8

Concen: 20.000 ng

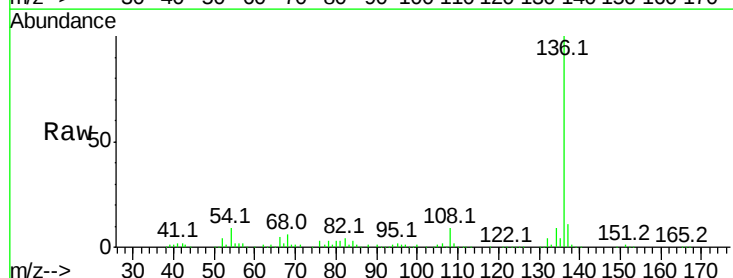
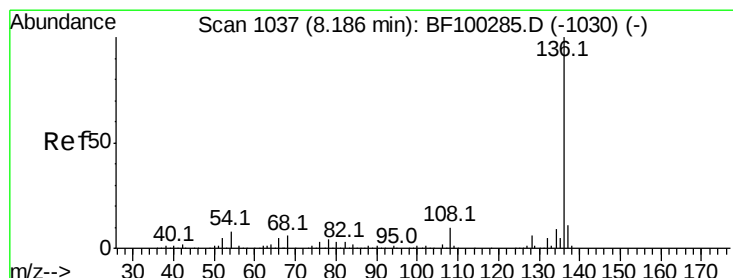
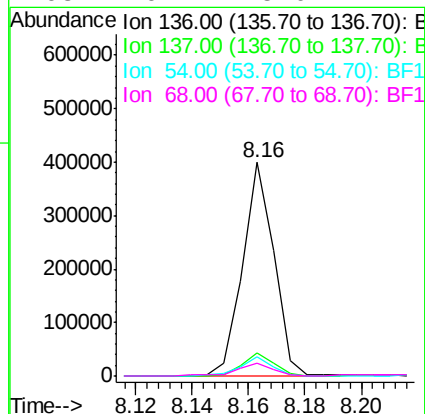
RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100668.D

Acq: 17 Nov 2017 11:14

Tgt Ion	136	Resp	307736
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	8.7	6.6	9.8
68	6.2	5.0	7.4





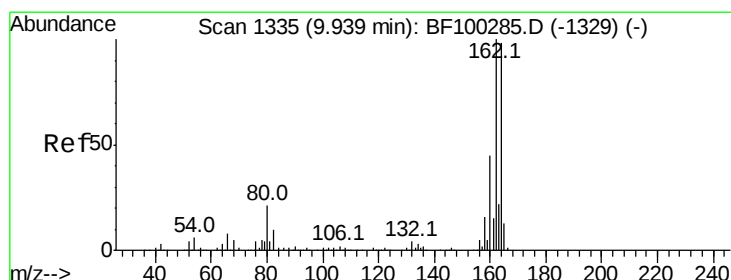
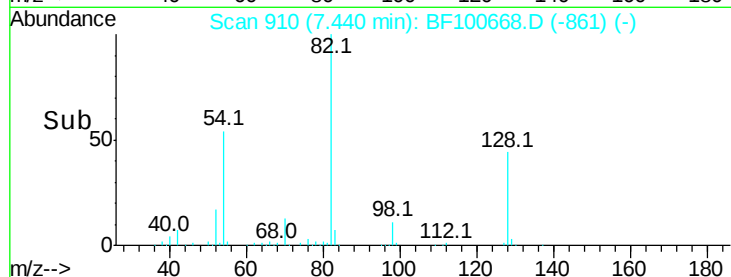
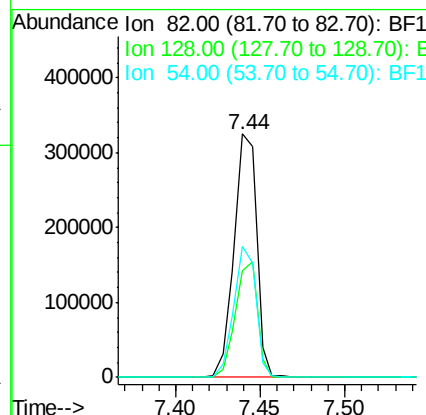
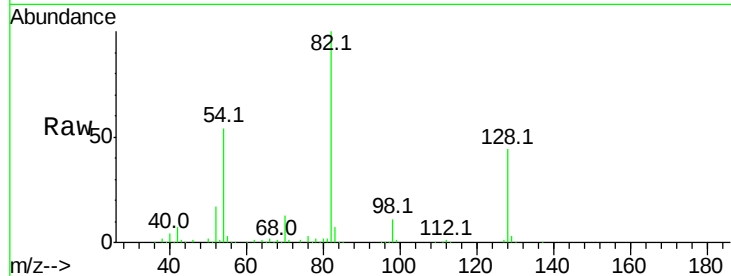
#23
Nitrobenzene-d5
Concen: 65.128 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF100668.D
Acq: 17 Nov 2017 11:14

Instrument :
BNA_F
ClientSampled :
T-20

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.1	54.1
54	53.7	41.4	62.2

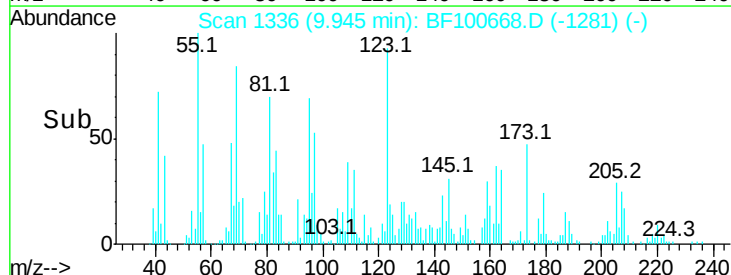
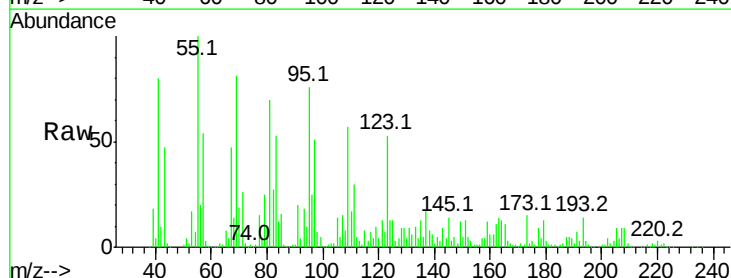
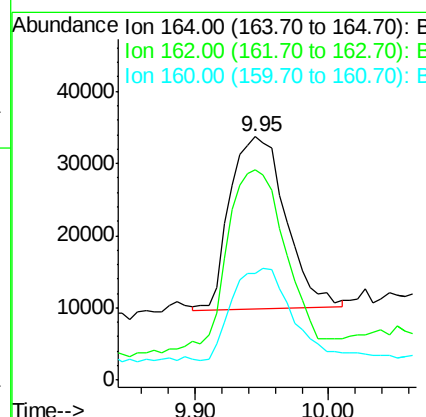
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.02 min
Lab File: BF100668.D
Acq: 17 Nov 2017 11:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	86.6	86.1	129.1
160	43.9	38.3	57.5





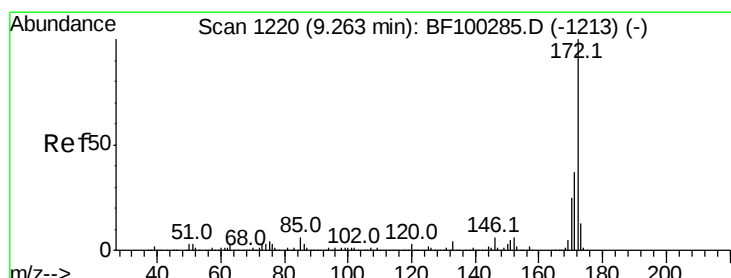
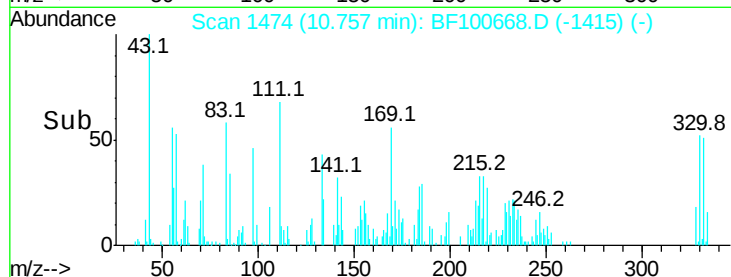
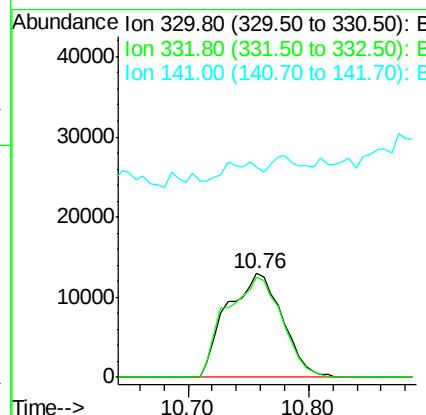
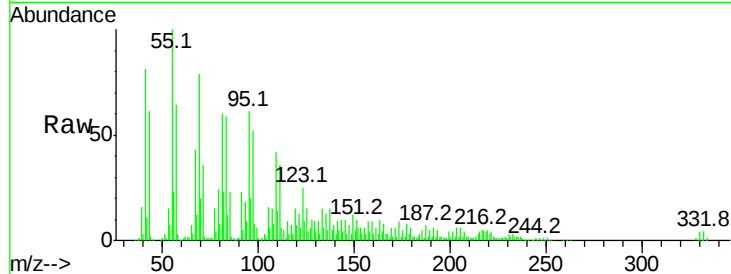
#41
 2,4,6-Tribromophenol
 Concen: 58.105 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. 0.05 min
 Lab File: BF100668.D
 Acq: 17 Nov 2017 11:14

Instrument :
 BNA_F
 ClientSampled :
 T-20

Tot Ion:330 Resp: 41082
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 0.0 29.9 44.9#

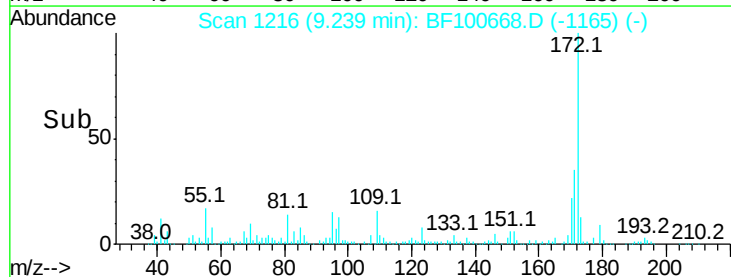
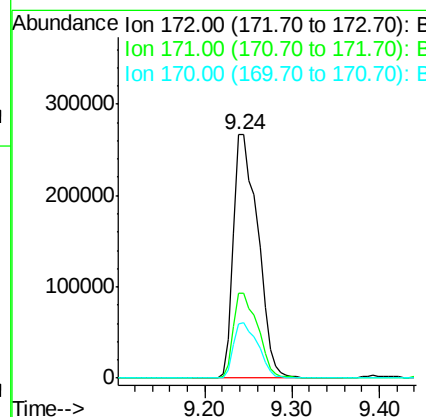
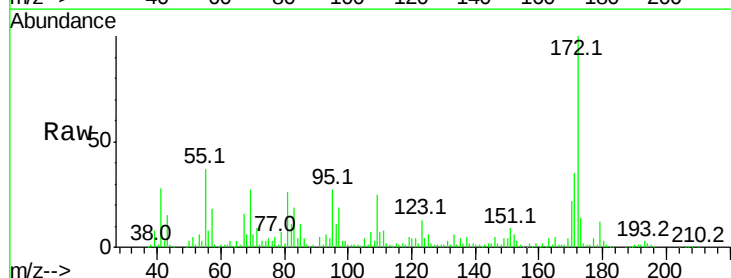
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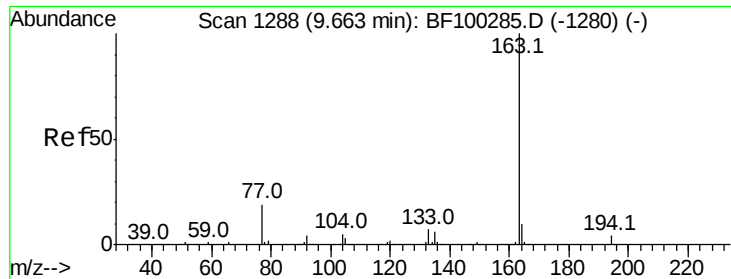
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#44
 2-Fluorobiphenyl
 Concen: 111.811 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF100668.D
 Acq: 17 Nov 2017 11:14

Tgt Ion:172 Resp: 509488
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.7 44.5
 170 22.5 19.6 29.4





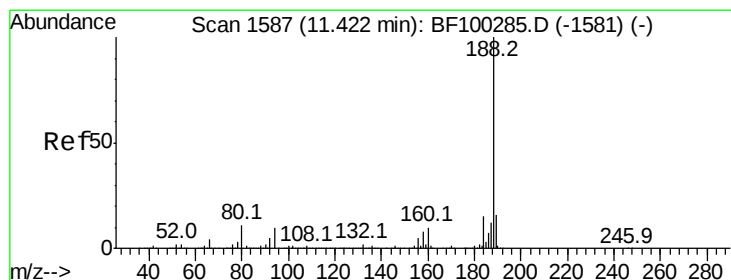
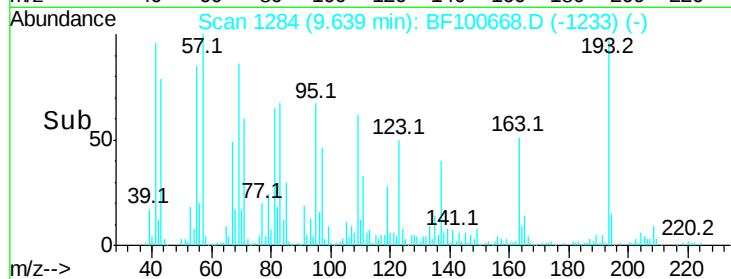
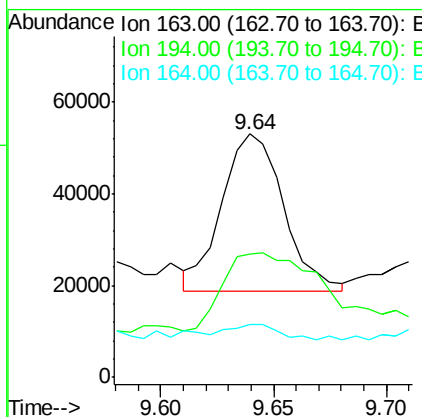
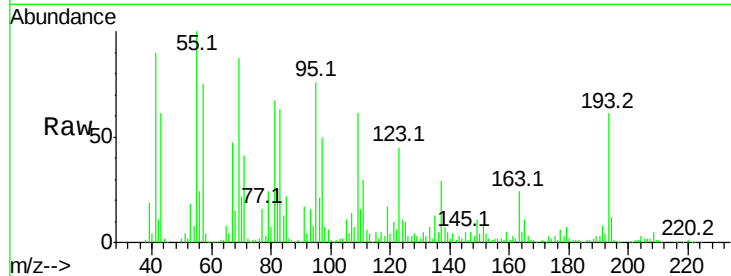
#49
Dimethylphthalate
Concen: 12.288 ng m
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF100668.D
Acq: 17 Nov 2017 11:14

Instrument :
BNA_F
ClientSampled :
T-20

Tot Ion	Ratio	Lower	Upper
163	100		
194	50.6	2.7	4.1#
164	21.6	8.2	12.2#

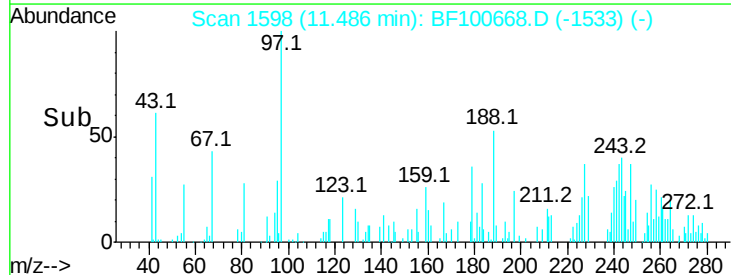
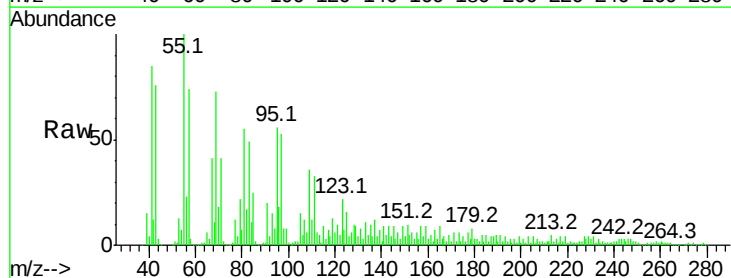
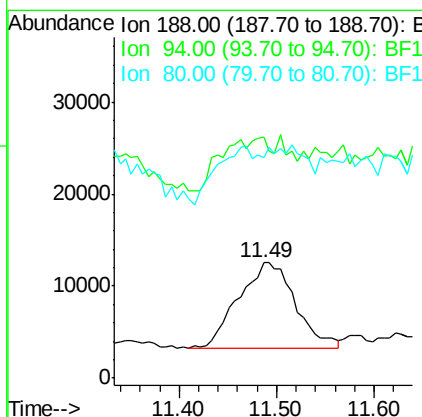
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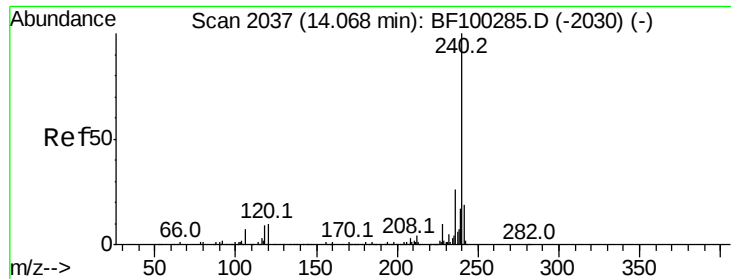
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.08 min
Lab File: BF100668.D
Acq: 17 Nov 2017 11:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	209.1	8.5	12.7#
80	191.2	9.2	13.8#





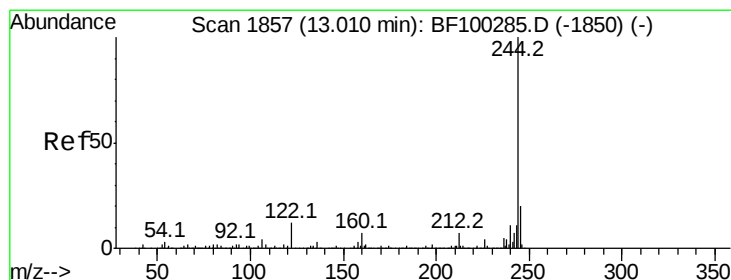
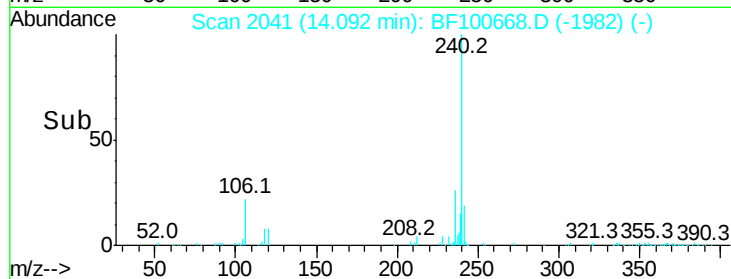
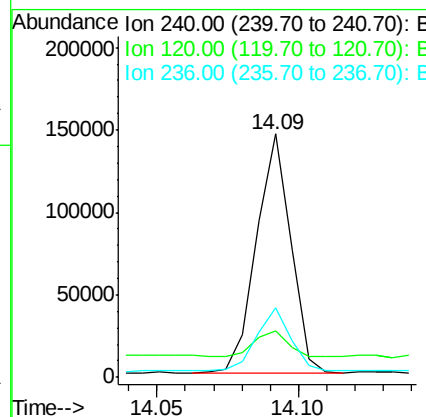
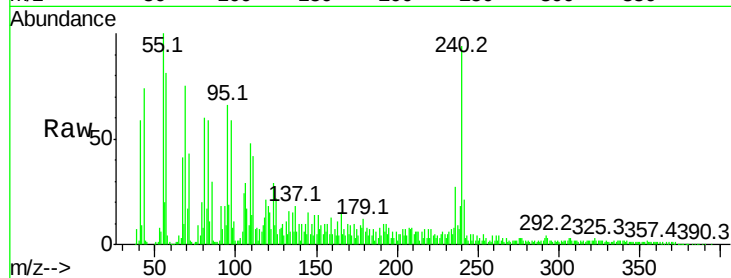
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.05 min
 Lab File: BF100668.D
 Acq: 17 Nov 2017 11:14

Instrument :
 BNA_F
 ClientSampleId :
 T-20

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	18.9	9.5	14.3#
236	28.6	20.7	31.1

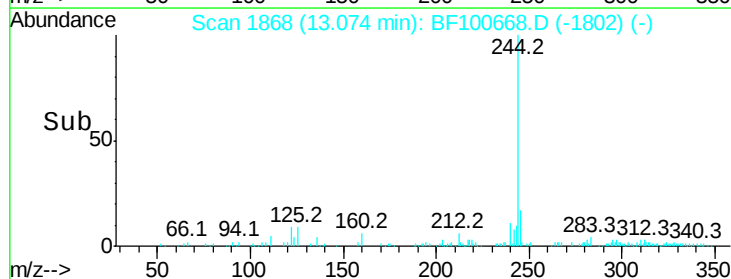
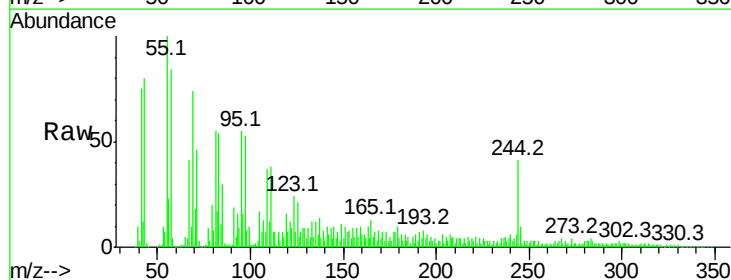
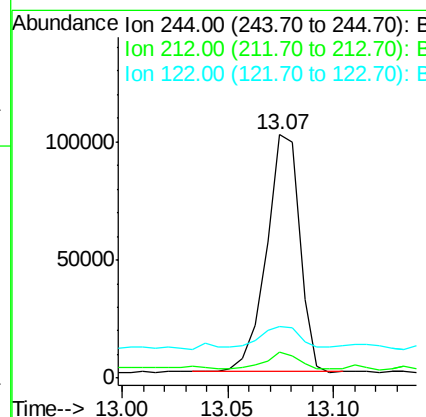
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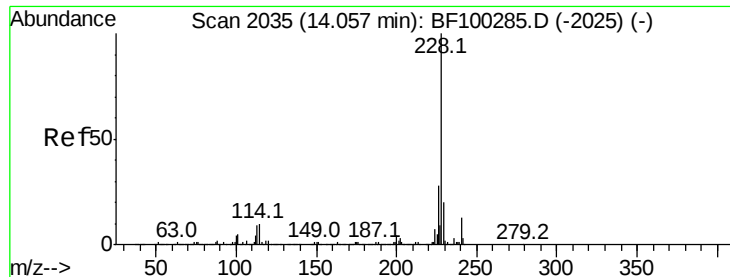
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#78
 Terphenyl-d14
 Concen: 20.604 ng
 RT: 13.07 min Scan# 1868
 Delta R.T. 0.09 min
 Lab File: BF100668.D
 Acq: 17 Nov 2017 11:14

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	10.5	5.4	8.0#
122	21.3	11.0	16.4#





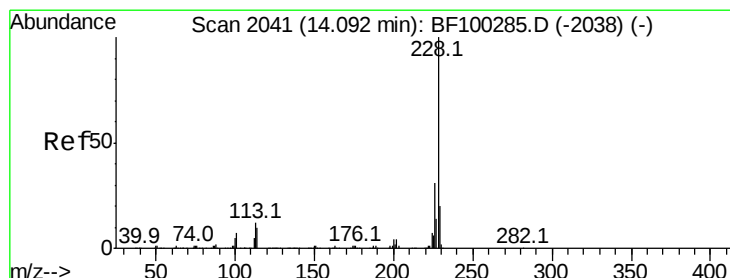
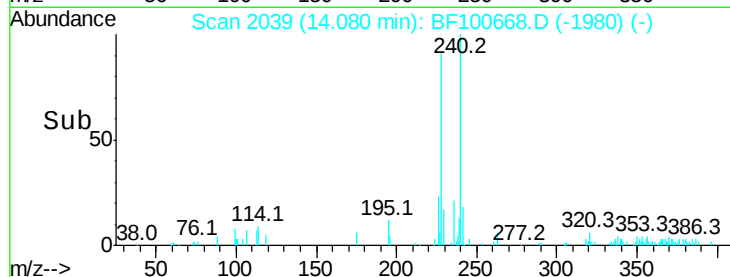
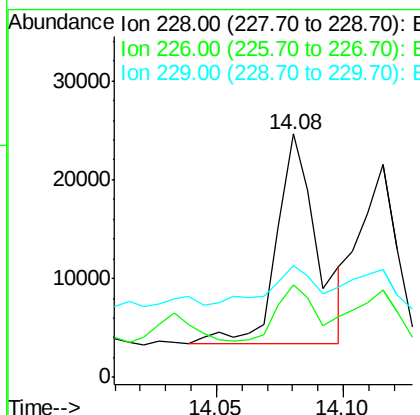
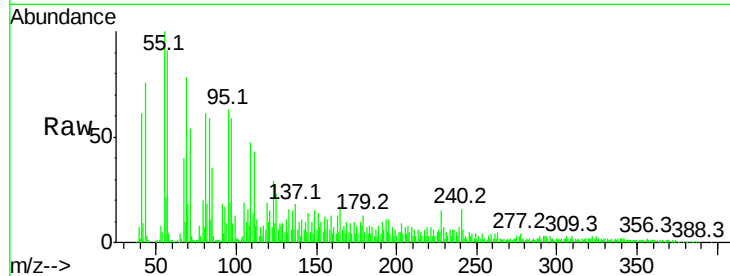
#80
Benzo(a)anthracene
Concen: 3.209 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.05 min
Lab File: BF100668.D
Acq: 17 Nov 2017 11:14

Instrument :
BNA_F
ClientSampleId :
T-20

Tot Ion	Ratio	Lower	Upper
228	100		
226	38.0	22.6	33.8#
229	45.7	15.8	23.6#

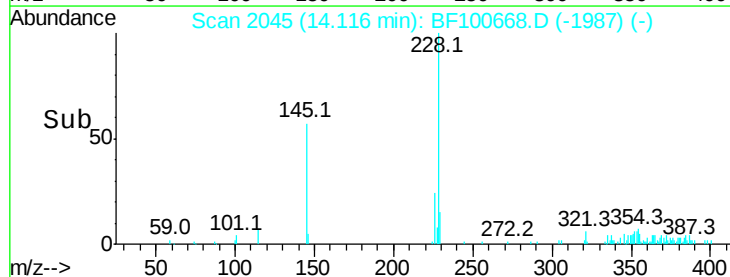
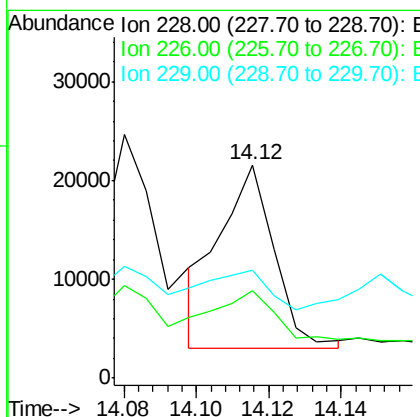
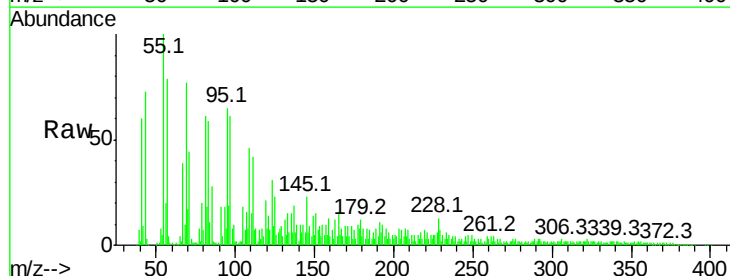
Manual Integrations
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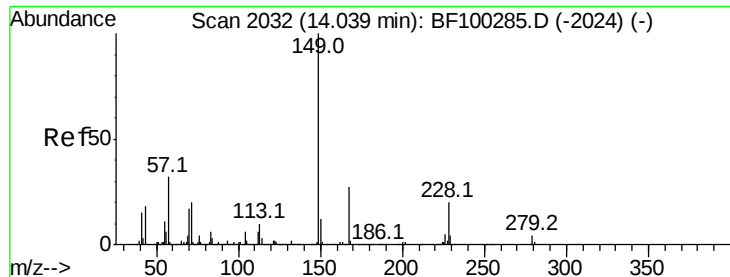
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11/17/2017 5:17:13 PM



#82
Chrysene
Concen: 2.722 ng
RT: 14.12 min Scan# 2045
Delta R.T. 0.04 min
Lab File: BF100668.D
Acq: 17 Nov 2017 11:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	40.9	25.0	37.6#
229	50.5	16.2	24.4#





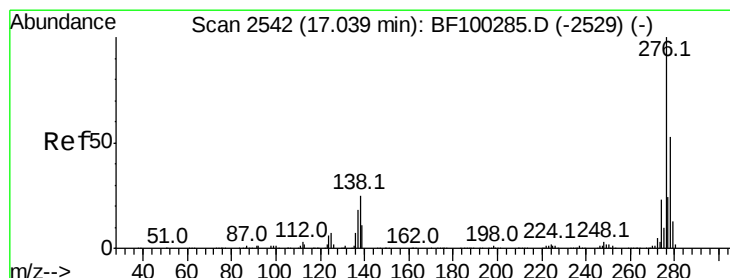
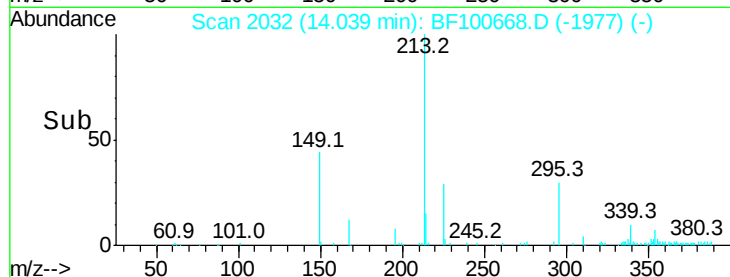
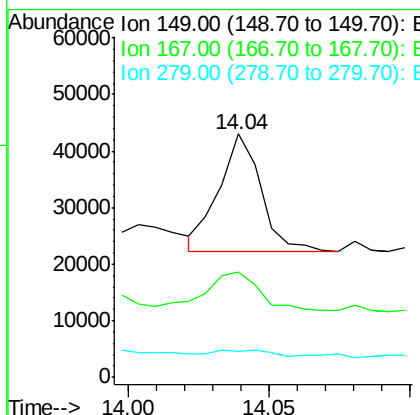
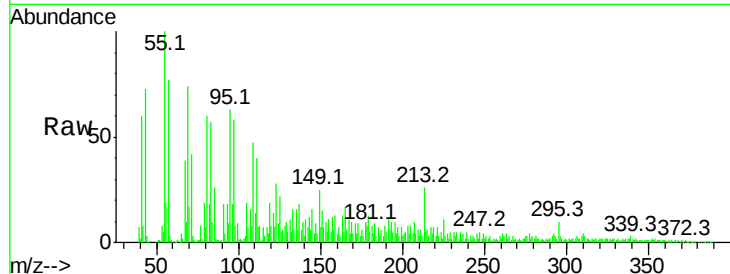
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.610 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.02 min
 Lab File: BF100668.D
 Acq: 17 Nov 2017 11:14

Instrument :
 BNA_F
 ClientSampled :
 T-20

Tot Ion	Ratio	Lower	Upper
149	100		
167	43.4	21.3	31.9#
279	10.8	3.0	4.4#

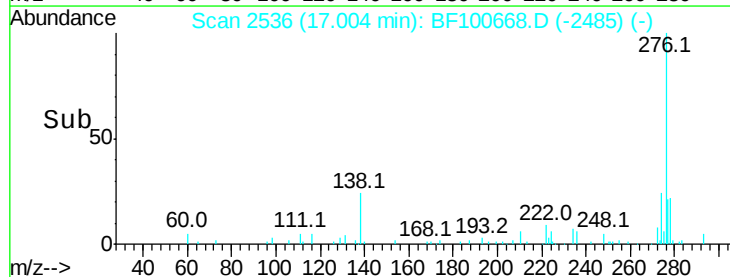
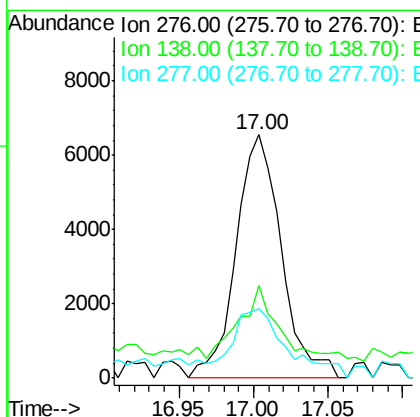
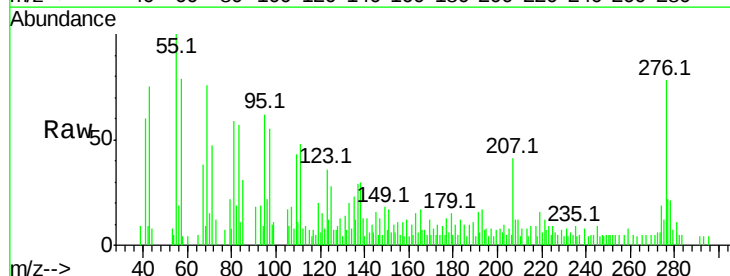
Manual Integrations
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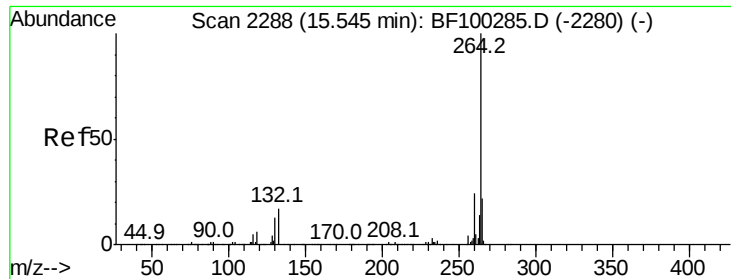
SOHIL
 11/17/2017 5:17:13 PM



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.379 ng
 RT: 17.00 min Scan# 2536
 Delta R.T. 0.00 min
 Lab File: BF100668.D
 Acq: 17 Nov 2017 11:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.7	25.0	37.6
277	34.8	20.1	30.1#





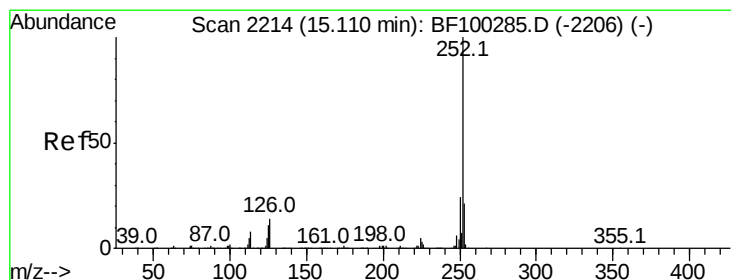
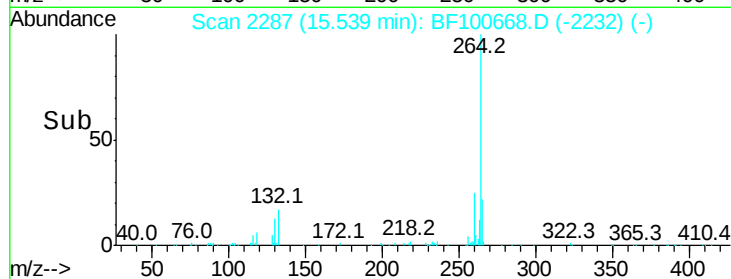
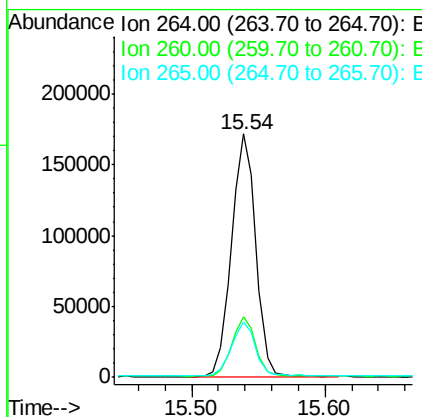
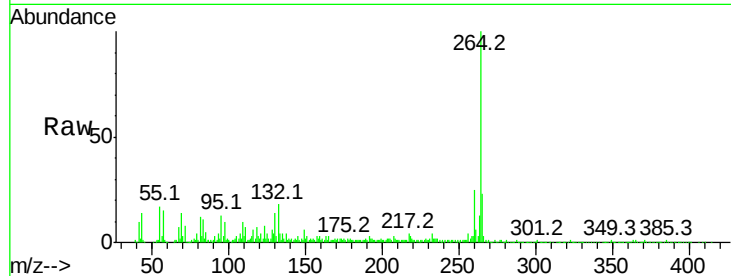
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.02 min
Lab File: BF100668.D
Acq: 17 Nov 2017 11:14

Instrument :
BNA_F
ClientSampleId :
T-20

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	22.8	17.5	26.3

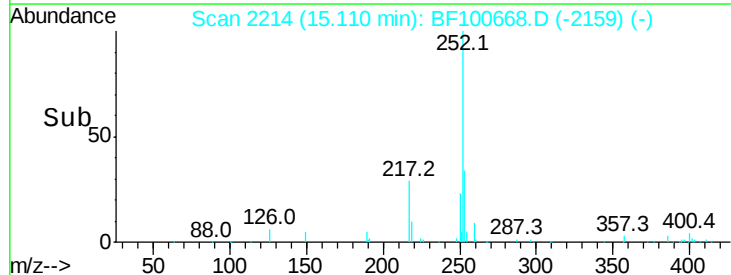
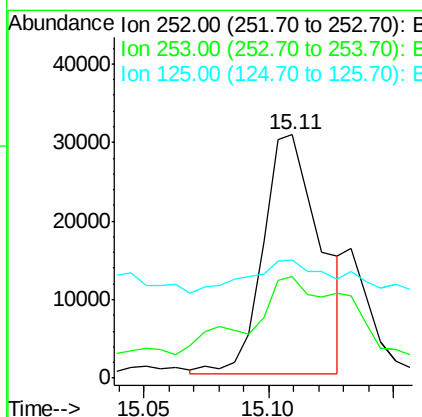
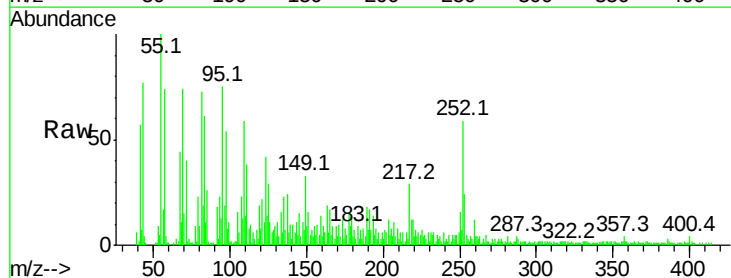
Manual Integrations
APPROVED

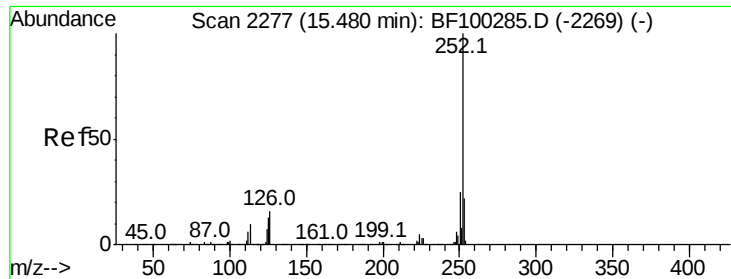
SOHIL
11/17/2017 5:17:13 PM



#87
Benzo(b)fluoranthene
Concen: 3.767 ng m
RT: 15.11 min Scan# 2214
Delta R.T. 0.02 min
Lab File: BF100668.D
Acq: 17 Nov 2017 11:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	41.5	17.0	25.6#
125	48.7	9.0	13.6#





#89

Benzo(a)pyrene

Concen: 2.232 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.02 min

Lab File: BF100668.D

Acq: 17 Nov 2017 11:14

Instrument :

BNA_F

ClientSampleId :

T-20

Tot Ion:	252	Resp:	25582
Ion Ratio	Lower	Upper	
252	100		
253	30.9	17.1	25.7#
125	46.3	9.8	14.6#

Manual Integrations
APPROVED

SOHIL
11/17/2017 5:17:13 PM

