

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021518\
 Data File : BF103027.D
 Acq On : 15 Feb 2018 19:37
 Operator : SJ/JU
 Sample : J1562-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-10-STOCKPILE

Manual Integrations
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Quant Time: Feb 16 01:07:20 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 14:08:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	184203	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	745397	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	312136	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	452694	20.00	ng	0.00
75) Chrysene-d12	14.05	240	313319	20.00	ng	0.00
86) Perylene-d12	15.53	264	252006	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1265555	104.34	ng	0.01
7) Phenol-d6	6.52	99	1493867	102.29	ng	0.00
23) Nitrobenzene-d5	7.45	82	889082	82.74	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	242634	96.58	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1375805	73.14	ng	0.00
78) Terphenyl-d14	12.99	244	919374	69.48	ng	0.00
Target Compounds						
10) Phenol	6.53	94	44358	2.834	ng	95
49) Dimethylphthalate	9.63	163	135189	5.555	ng	98
70) Phenanthrene	11.43	178	94203	3.736	ng	97
74) Fluoranthene	12.62	202	142424	5.615	ng	99
77) Pyrene	12.85	202	127659	5.196	ng	99
80) Benzo(a)anthracene	14.04	228	58815	2.985	ng	95
82) Chrysene	14.07	228	59096m	2.975	ng	
87) Benzo(b)fluoranthene	15.10	252	60928m	3.729	ng	
89) Benzo(a)pyrene	15.47	252	40342	2.743	ng	# 83

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

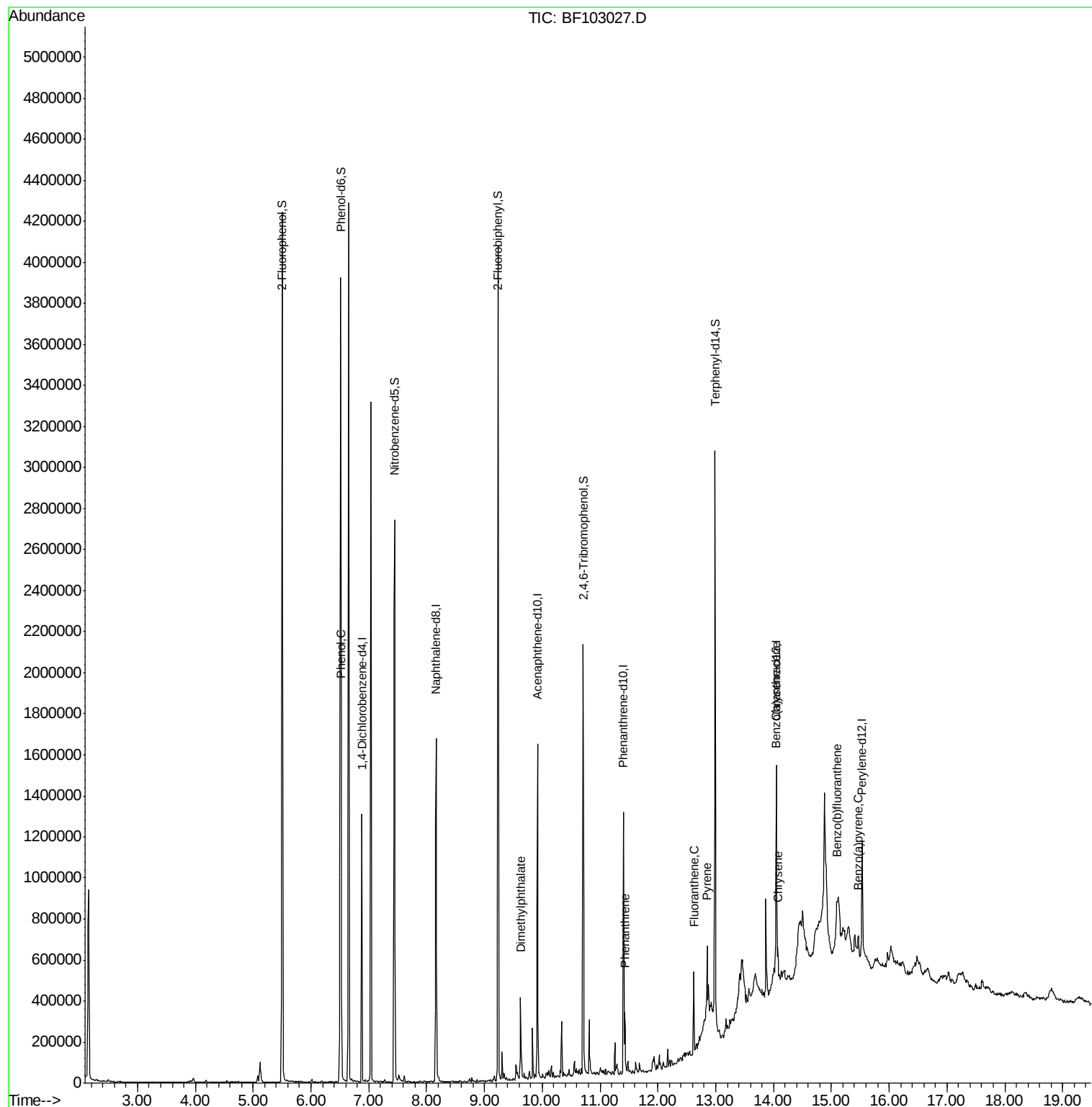
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021518\
Data File : BF103027.D
Acq On : 15 Feb 2018 19:37
Operator : SJ/JU
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Misc :
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#1

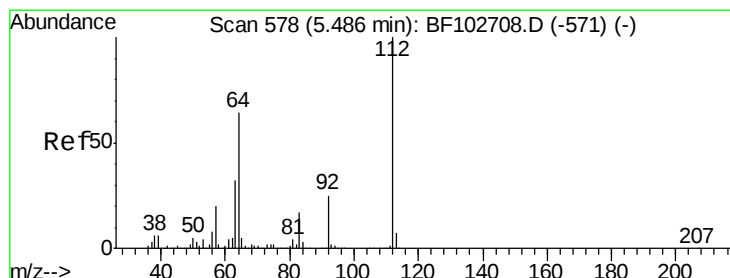
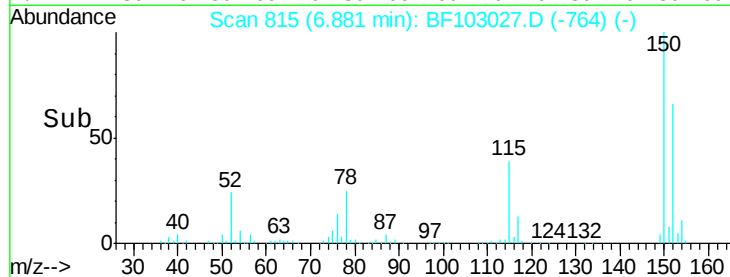
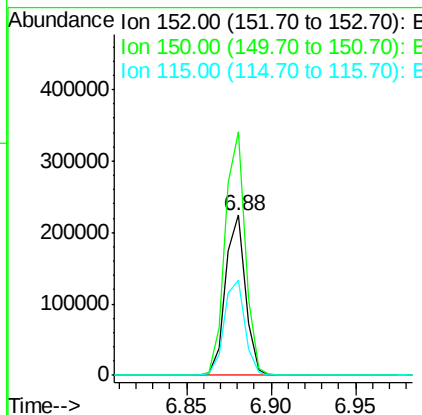
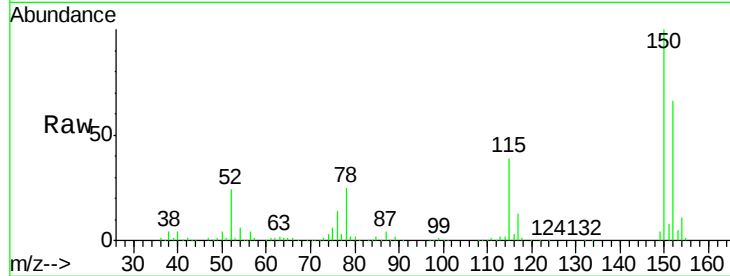
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF103027.D
Acq: 15 Feb 2018 19:37

Instrument :
BNA_F
ClientSampleId :
T-10-STOCKPILE

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.4	124.6	186.8
115	59.8	50.1	75.1

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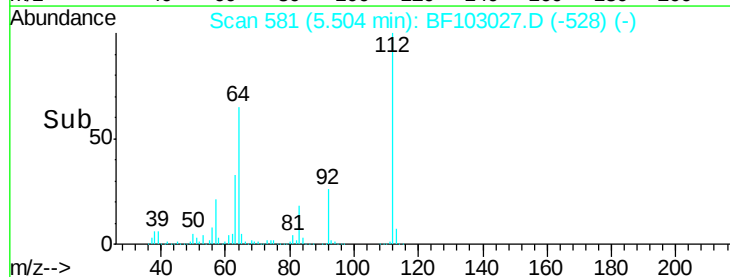
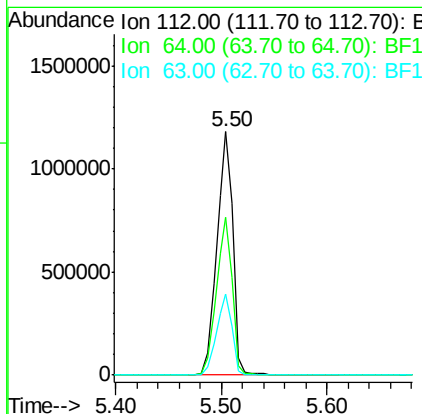
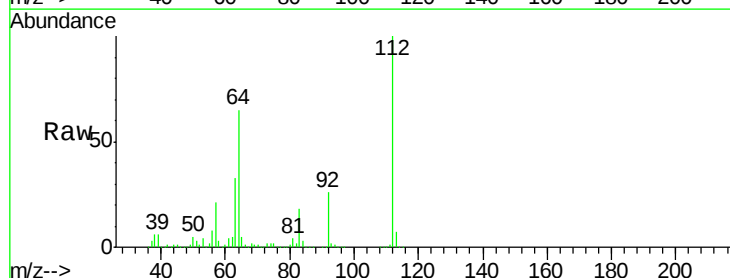
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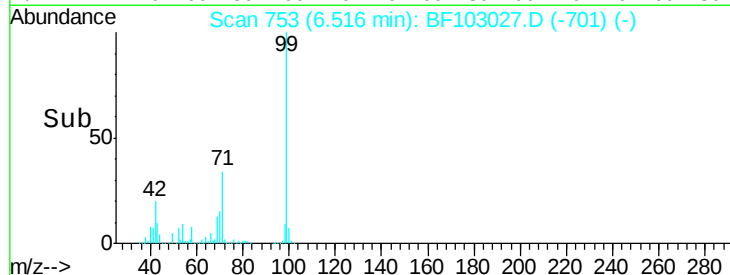
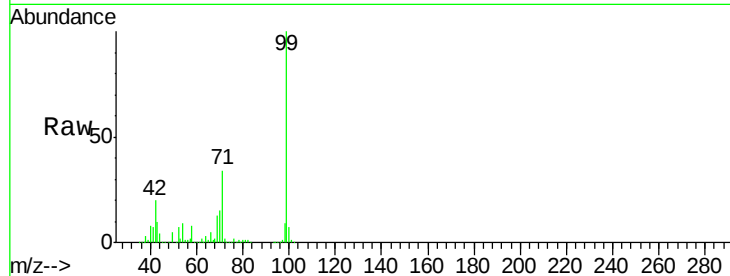


#5

2-Fluorophenol
Concen: 104.339 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103027.D
Acq: 15 Feb 2018 19:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	47.9	71.9
63	33.1	23.7	35.5





#7

Phenol-d6

Concen: 102.288 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103027.D

Acq: 15 Feb 2018 19:37

Tgt Ion:	99	Resp:	1493867
Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	33.6	25.4	38.0

Instrument :

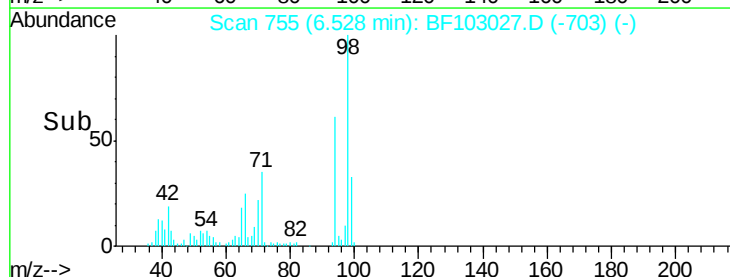
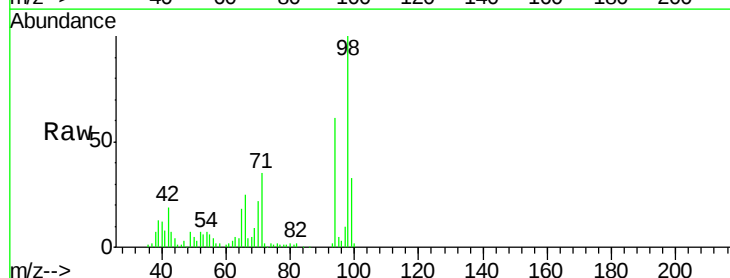
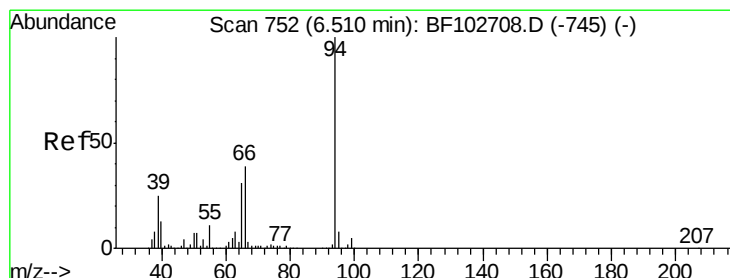
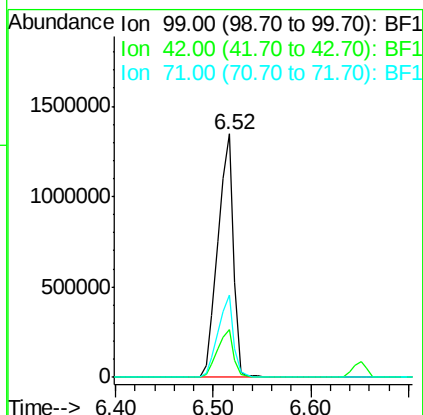
BNA_F

ClientSampleId :

T-10-STOCKPILE

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#10

Phenol

Concen: 2.834 ng

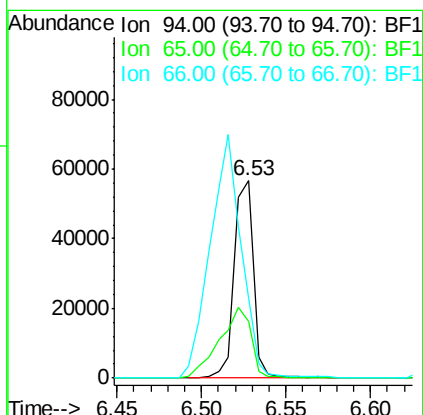
RT: 6.53 min Scan# 755

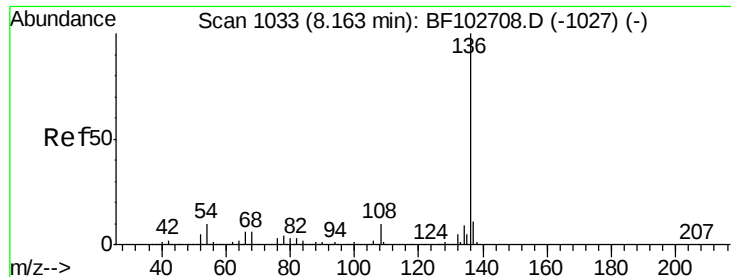
Delta R.T. 0.01 min

Lab File: BF103027.D

Acq: 15 Feb 2018 19:37

Tgt Ion:	94	Resp:	44358
Ion	Ratio	Lower	Upper
94	100		
65	28.9	7.9	47.9
66	40.5	16.2	56.2





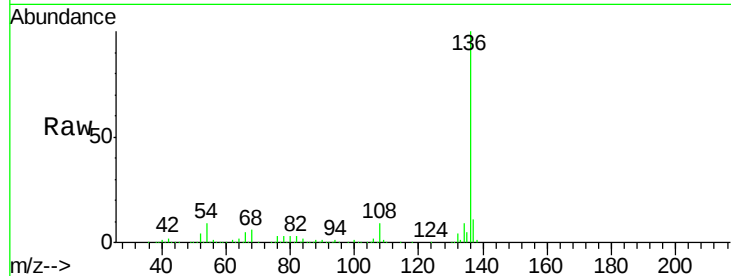
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF103027.D
Acq: 15 Feb 2018 19:37

Instrument :
BNA_F
ClientSampleId :
T-10-STOCKPILE

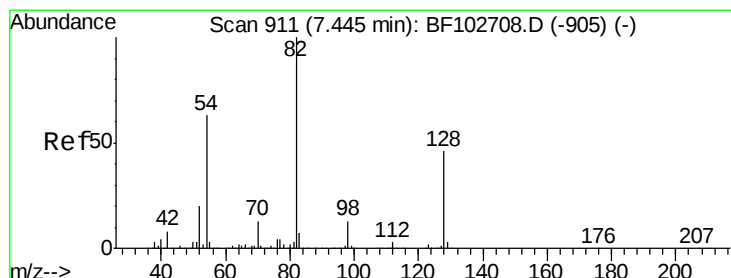
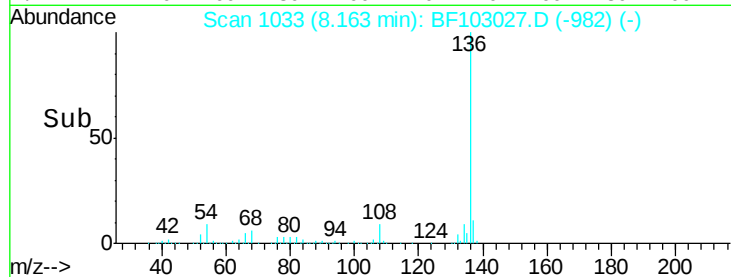
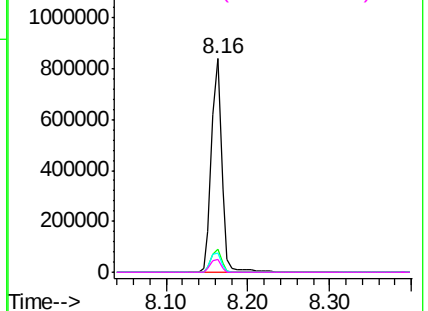
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	745397		
137	11.0	8.9	13.3	
54	9.0	6.6	9.8	
68	6.2	5.0	7.4	

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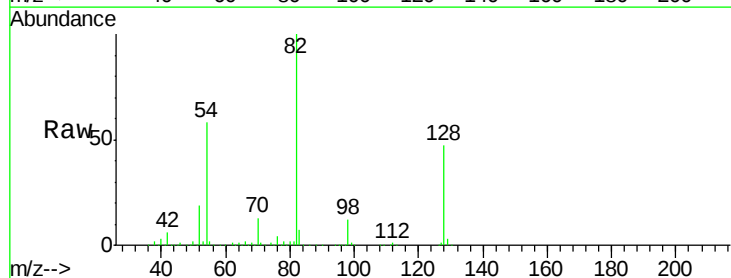


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

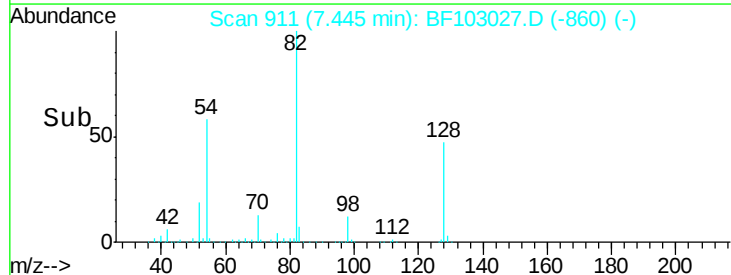
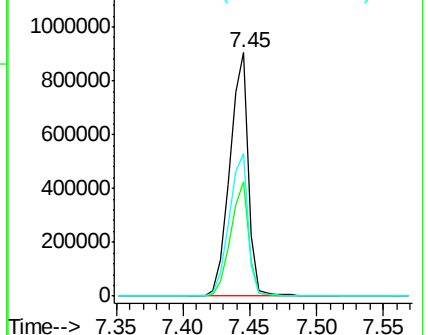


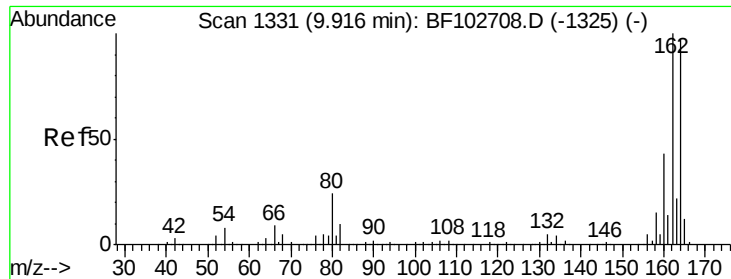
#23
Nitrobenzene-d5
Concen: 82.743 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF103027.D
Acq: 15 Feb 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	889082		
128	47.2	36.1	54.1	
54	58.3	41.4	62.2	



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





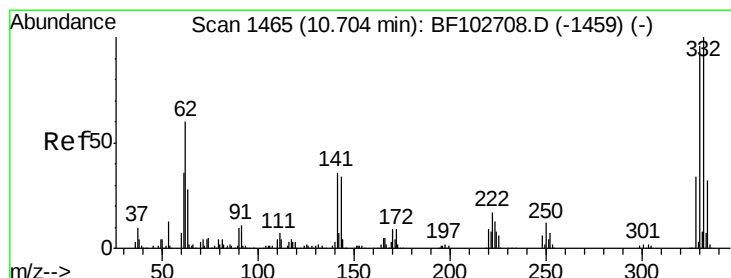
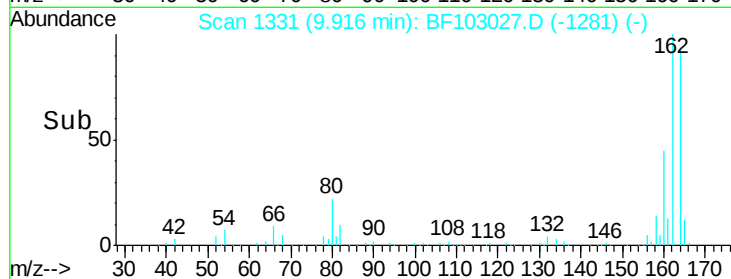
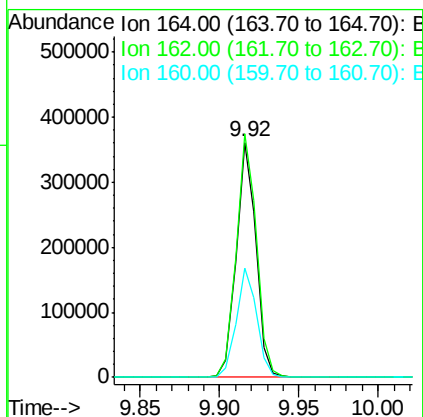
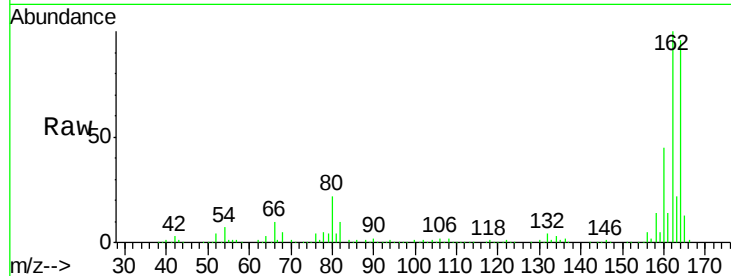
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103027.D
Acq: 15 Feb 2018 19:37

Instrument :
BNA_F
ClientSampleId :
T-10-STOCKPILE

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	312136		
162	103.6	86.1	129.1	
160	46.3	38.3	57.5	

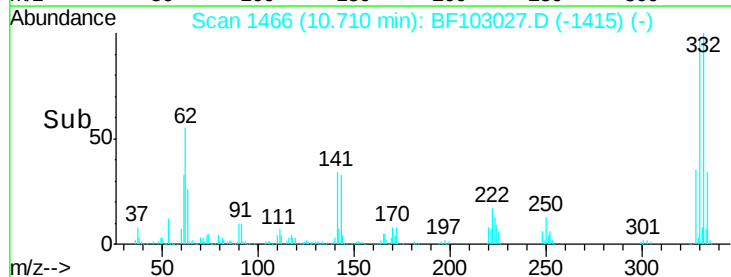
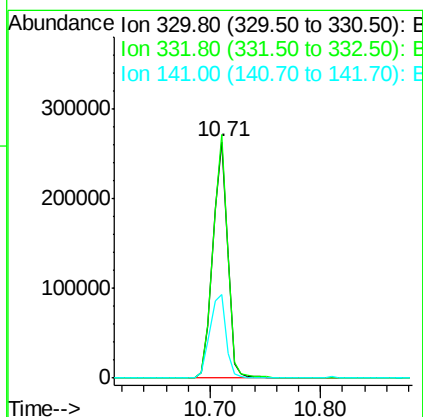
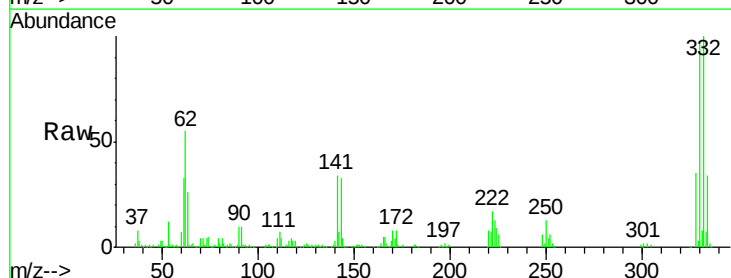
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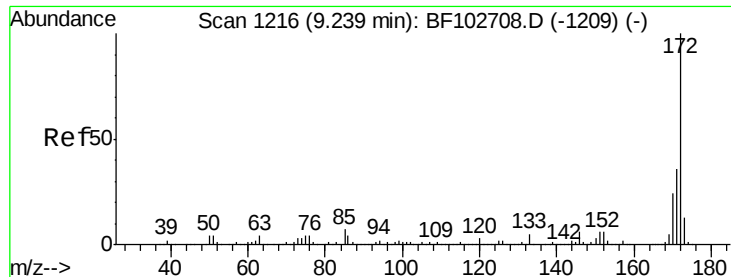
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#41
2,4,6-Tribromophenol
Concen: 96.577 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF103027.D
Acq: 15 Feb 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	242634		
332	101.6	77.0	115.6	
141	38.5	29.9	44.9	





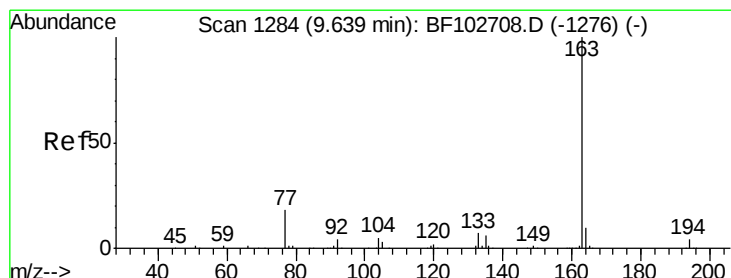
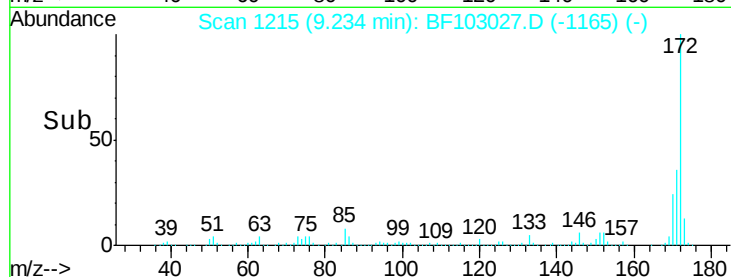
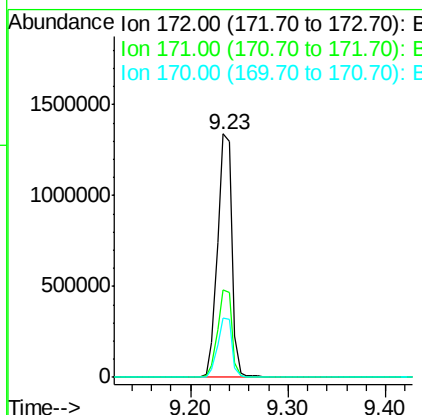
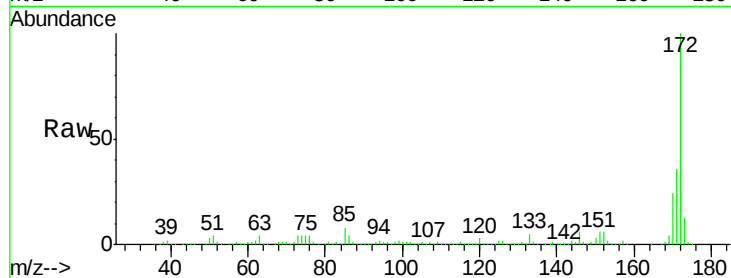
#44
 2-Fluorobiphenyl
 Concen: 73.140 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103027.D
 Acq: 15 Feb 2018 19:37

Instrument :
 BNA_F
 ClientSampleId :
 T-10-STOCKPILE

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.4	19.6	29.4

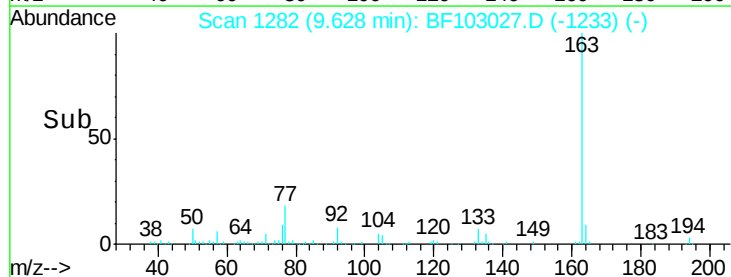
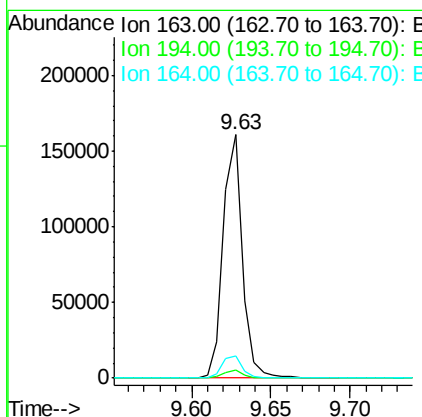
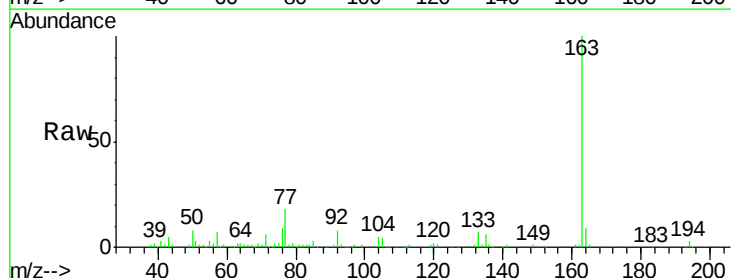
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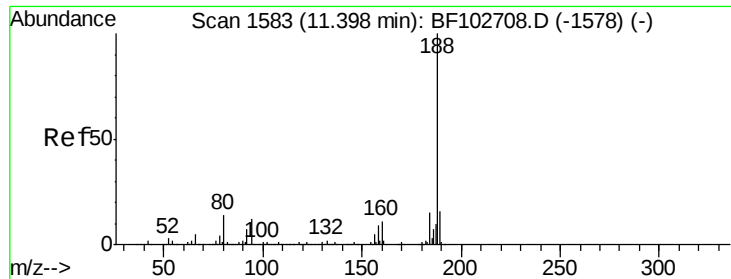
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#49
 Dimethylphthalate
 Concen: 5.555 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BF103027.D
 Acq: 15 Feb 2018 19:37

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.2	8.2	12.2





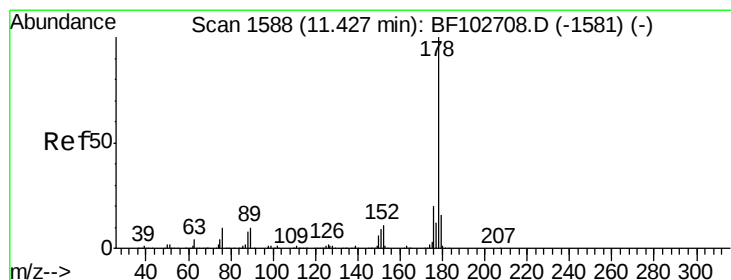
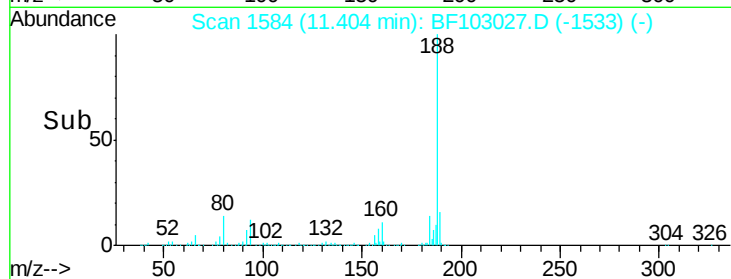
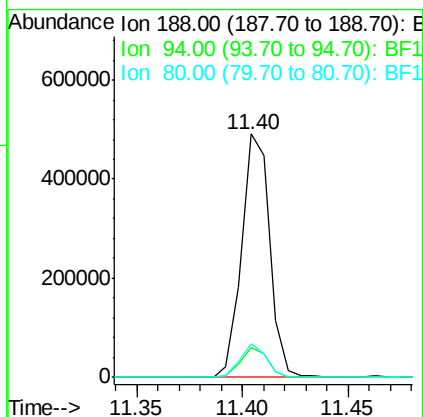
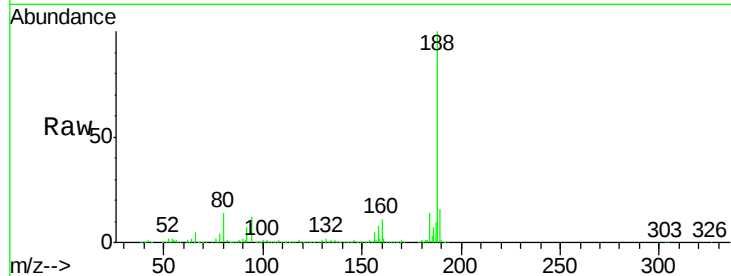
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103027.D
Acq: 15 Feb 2018 19:37

Instrument :
BNA_F
ClientSampleId :
T-10-STOCKPILE

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.4	8.5	12.7
80	13.7	9.2	13.8

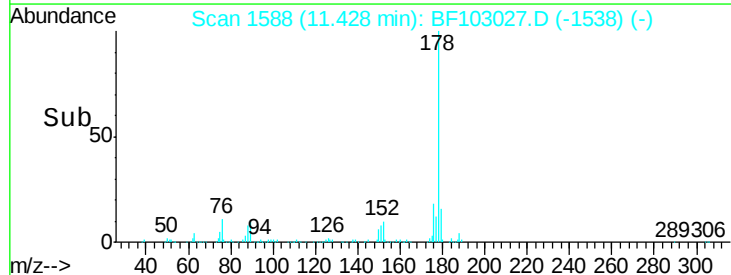
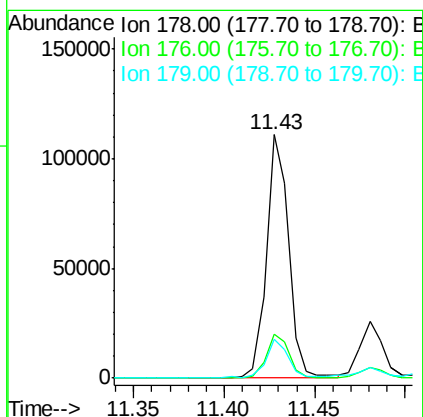
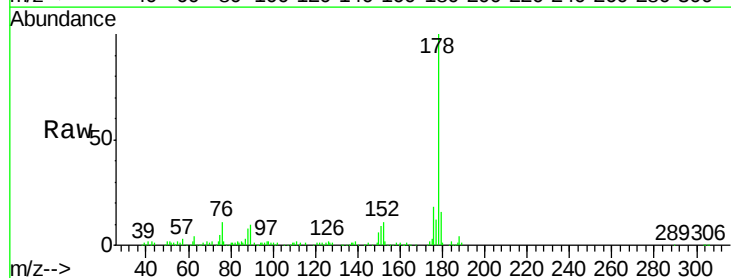
Manual Integrations
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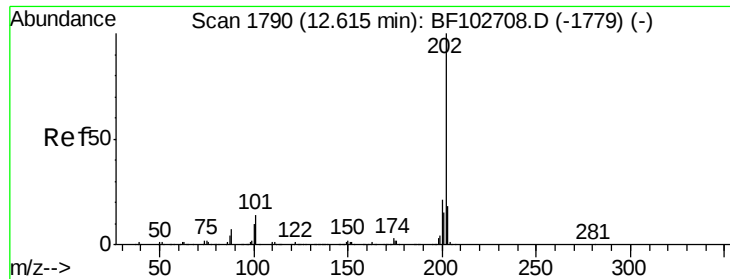
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#70
Phenanthrene
Concen: 3.736 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF103027.D
Acq: 15 Feb 2018 19:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	17.9	15.8	23.8
179	16.1	13.0	19.6





#74

Fluoranthene

Concen: 5.615 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF103027.D

Acq: 15 Feb 2018 19:37

Instrument :

BNA_F

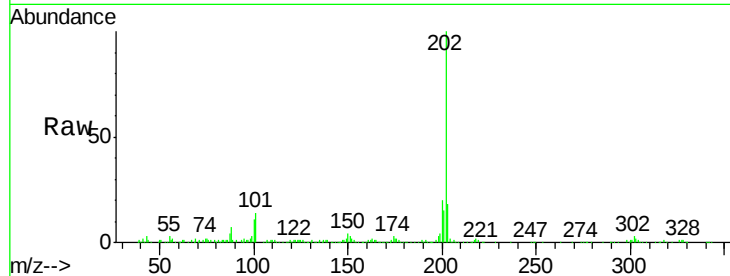
ClientSampleId :

T-10-STOCKPILE

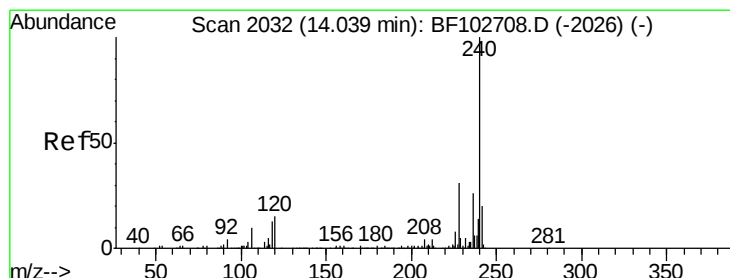
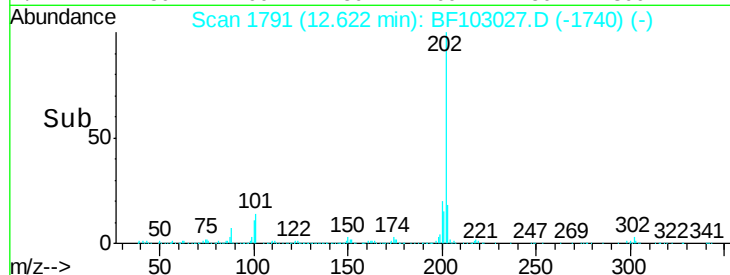
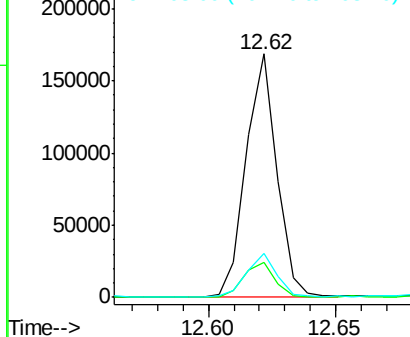
Tgt	Ion	202	Resp	142424
Ion	Ratio	Lower	Upper	
202	100			
101	14.4	0.0	34.1	
203	17.9	0.0	38.1	

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

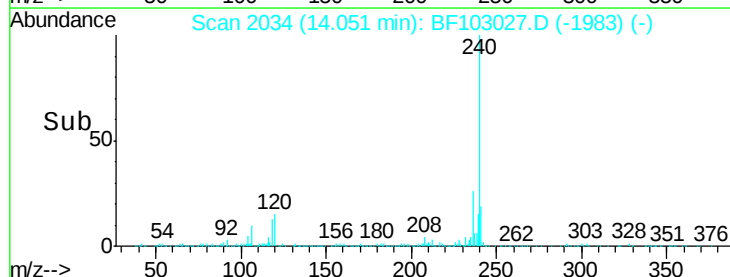
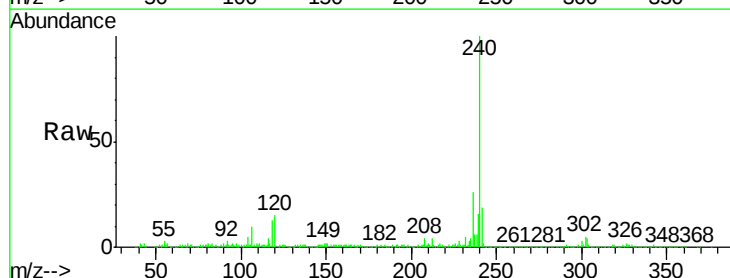
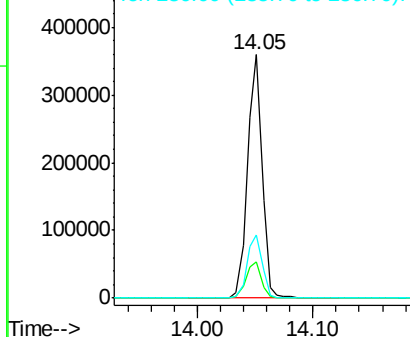
Delta R.T. 0.00 min

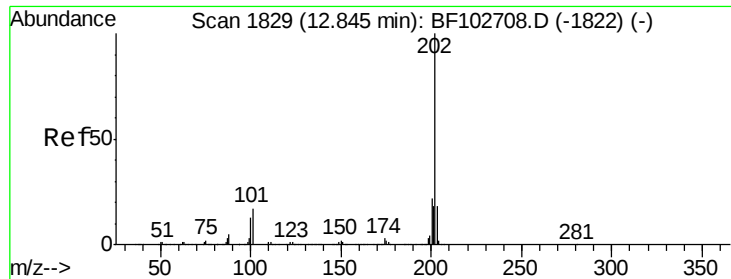
Lab File: BF103027.D

Acq: 15 Feb 2018 19:37

Tgt	Ion	240	Resp	313319
Ion	Ratio	Lower	Upper	
240	100			
120	14.7	9.5	14.3#	
236	26.1	20.7	31.1	

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





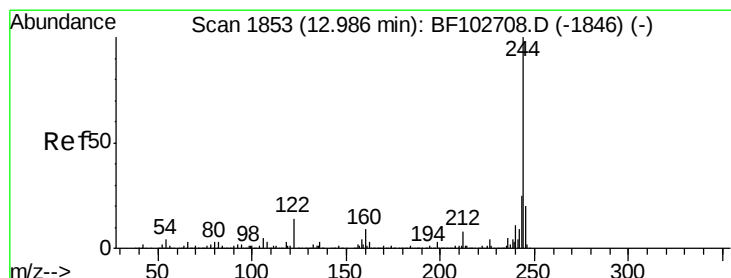
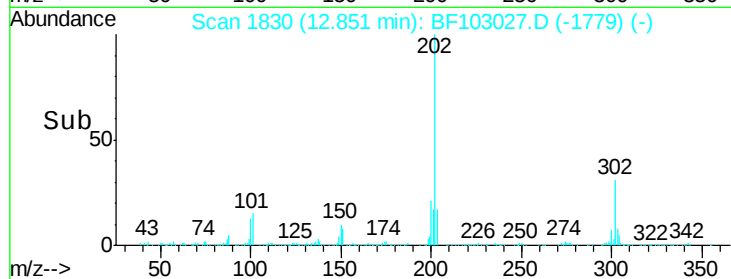
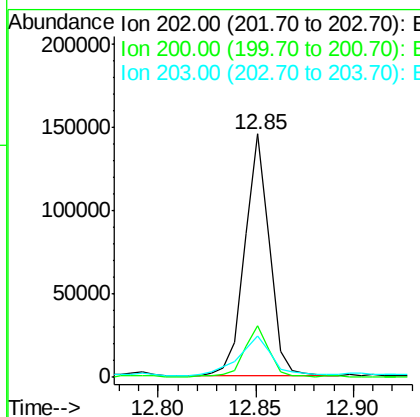
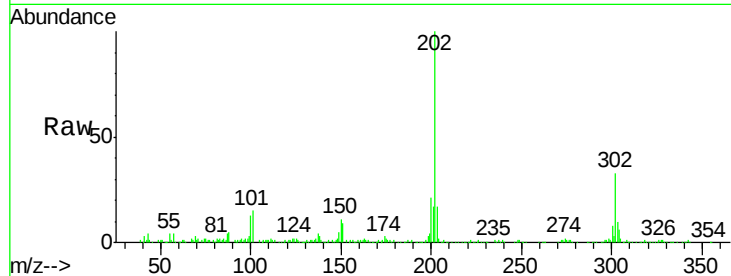
#77
 Pyrene
 Concen: 5.196 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. 0.00 min
 Lab File: BF103027.D
 Acq: 15 Feb 2018 19:37

Instrument :
 BNA_F
 ClientSampleId :
 T-10-STOCKPILE

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.3	17.4	26.2
203	17.2	14.3	21.5

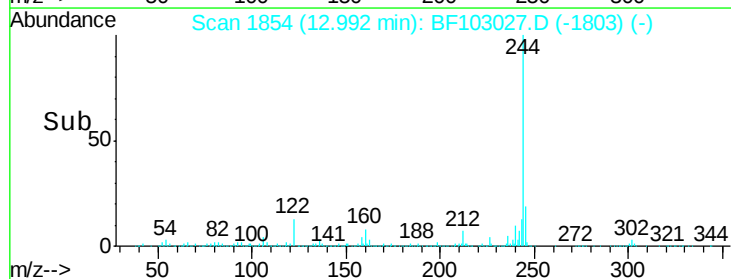
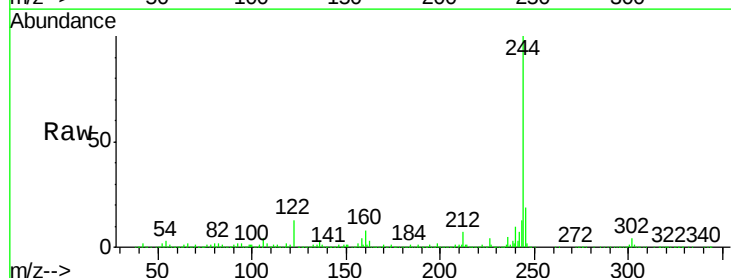
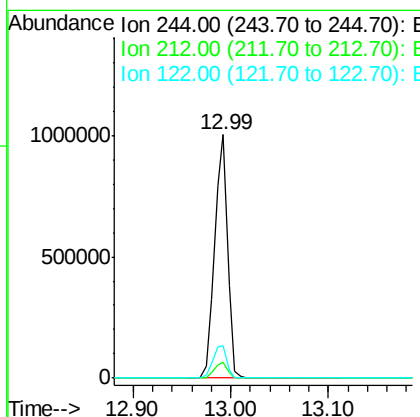
Manual Integrations
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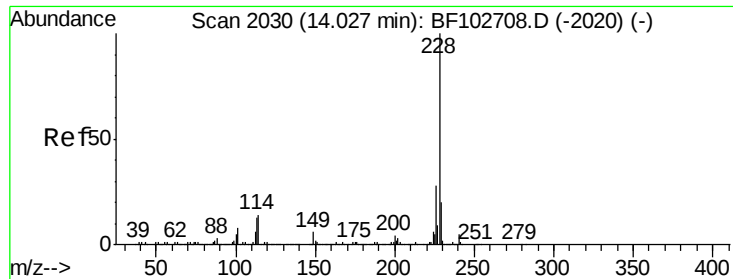
Sohil
 2/16/2018 2:31:23 PM



#78
 Terphenyl-d14
 Concen: 69.478 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: BF103027.D
 Acq: 15 Feb 2018 19:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.7	5.4	8.0
122	13.1	11.0	16.4





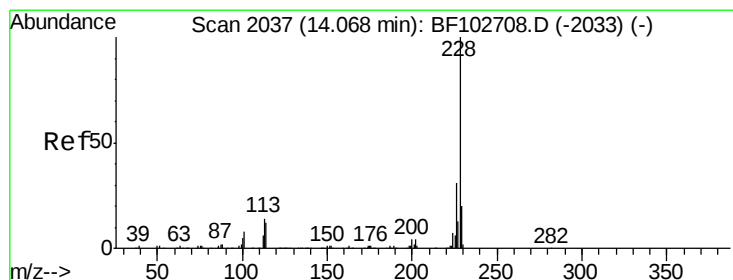
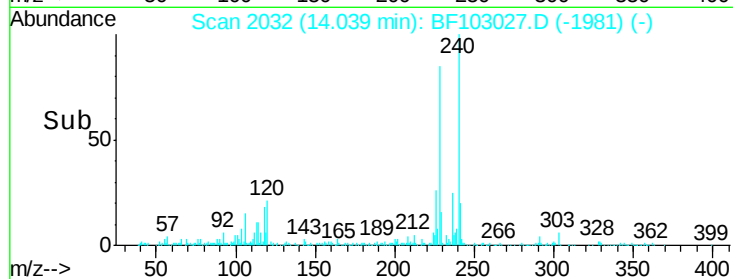
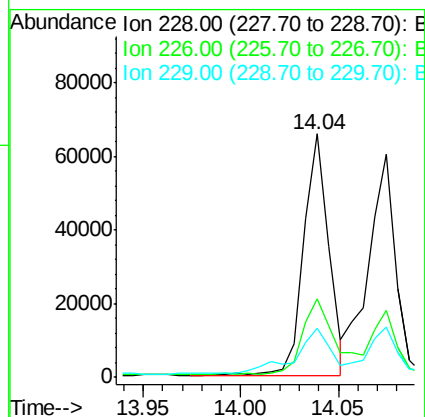
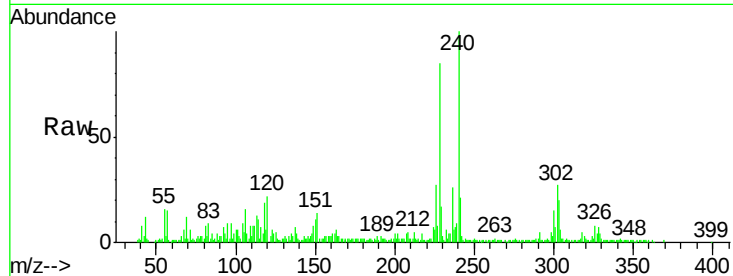
#80
Benzo(a)anthracene
Concen: 2.985 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF103027.D
Acq: 15 Feb 2018 19:37

Instrument :
BNA_F
ClientSampleId :
T-10-STOCKPILE

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	22.6	33.8
229	20.1	15.8	23.6

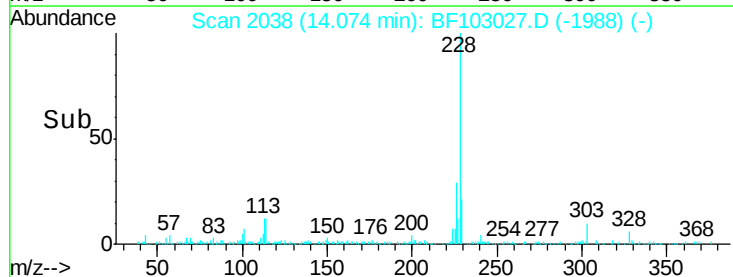
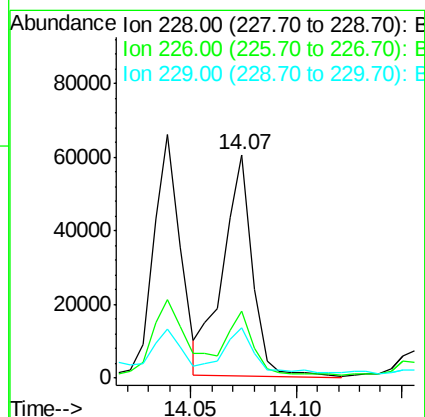
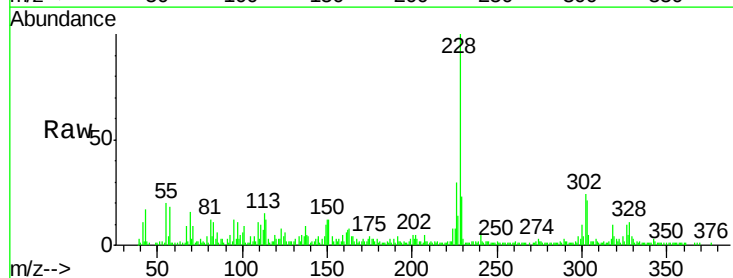
Manual Integrations
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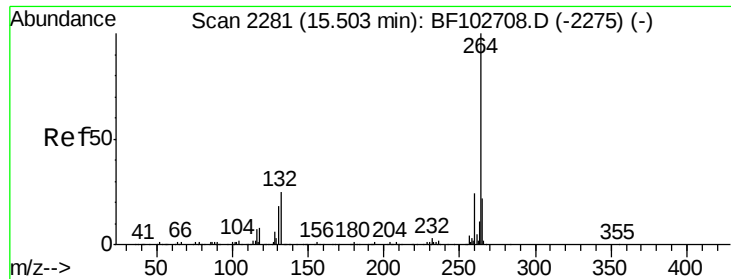
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#82
Chrysene
Concen: 2.975 ng m
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF103027.D
Acq: 15 Feb 2018 19:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	22.6	16.2	24.4





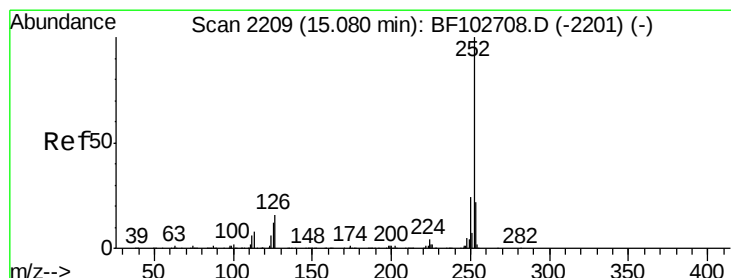
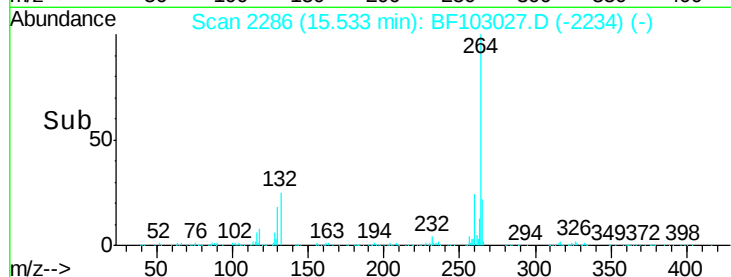
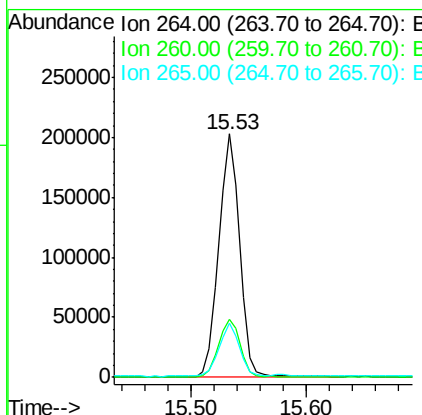
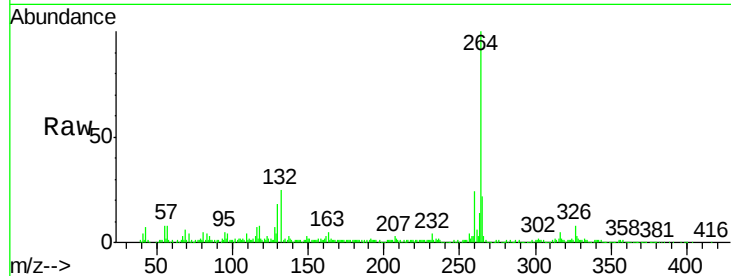
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF103027.D
Acq: 15 Feb 2018 19:37

Instrument :
BNA_F
ClientSampleId :
T-10-STOCKPILE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.1	17.5	26.3

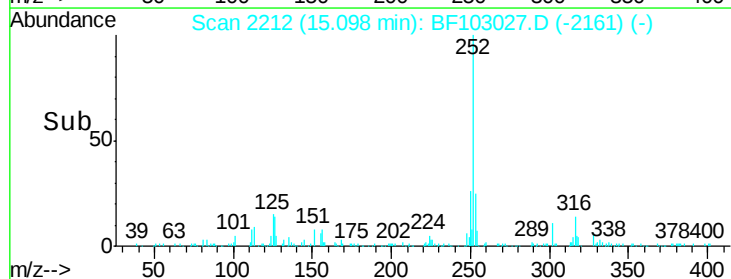
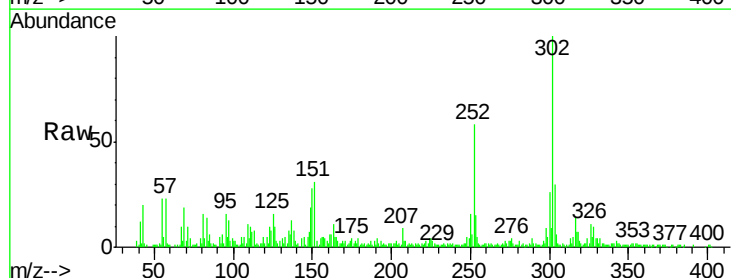
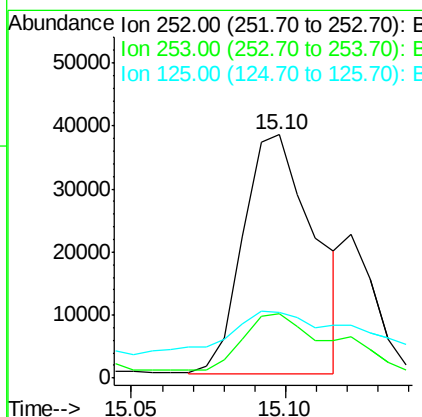
Manual Integrations
APPROVED

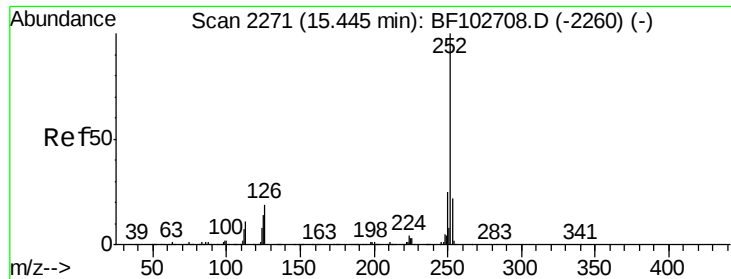
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#87
Benzo(b)fluoranthene
Concen: 3.729 ng m
RT: 15.10 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BF103027.D
Acq: 15 Feb 2018 19:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.0	25.6#
125	27.0	9.0	13.6#





#89

Benzo(a)pyrene

Concen: 2.743 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.00 min

Lab File: BF103027.D

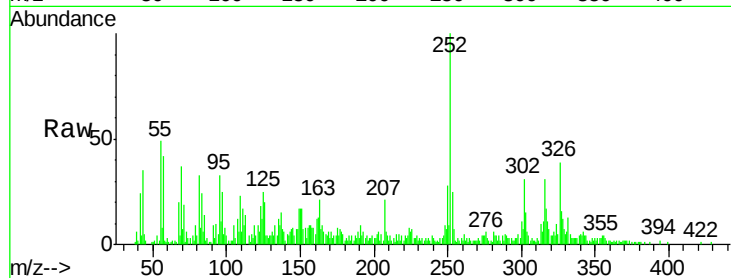
Acq: 15 Feb 2018 19:37

Instrument :

BNA_F

ClientSampleId :

T-10-STOCKPILE



Tgt Ion:	252	Resp:	40342
Ion Ratio	Lower	Upper	
252	100		
253	25.1	17.1	25.7
125	25.2	9.8	14.6

Manual Integrations
APPROVED

Sohil
2/16/2018 2:31:23 PM

