

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
 Data File : BF113430.D
 Acq On : 29 Mar 2019 23:15
 Operator : JU/SJ
 Sample : K1698-03 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-032819

Manual Integrations
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Sohil
 4/1/2019 5:46:38 PM

Quant Time: Apr 01 08:31:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	117601	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	469728	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	231673	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	451062	20.00	ng	0.00
76) Chrysene-d12	13.84	240	442492	20.00	ng	0.00
87) Perylene-d12	15.24	264	350517	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	133616	18.58	ng	0.00
7) Phenol-d6	6.35	99	192370	21.14	ng	-0.01
23) Nitrobenzene-d5	7.26	82	112090	14.16	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	55233	19.30	ng	0.00
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
79) Terphenyl-d14	12.79	244	283973	14.15	ng	0.00
Target Compounds						
71) Phenanthrene	11.23	178	101891	4.549	ng	98
75) Fluoranthene	12.42	202	219023	8.649	ng	99
78) Pyrene	12.64	202	219101	7.145	ng	98
81) Benzo(a)anthracene	13.83	228	99466	3.927	ng	99
83) Chrysene	13.86	228	92455	3.594	ng	98
88) Benzo(b)fluoranthene	14.85	252	108320m	4.975	ng	
90) Benzo(a)pyrene	15.19	252	68573	3.552	ng	# 90

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

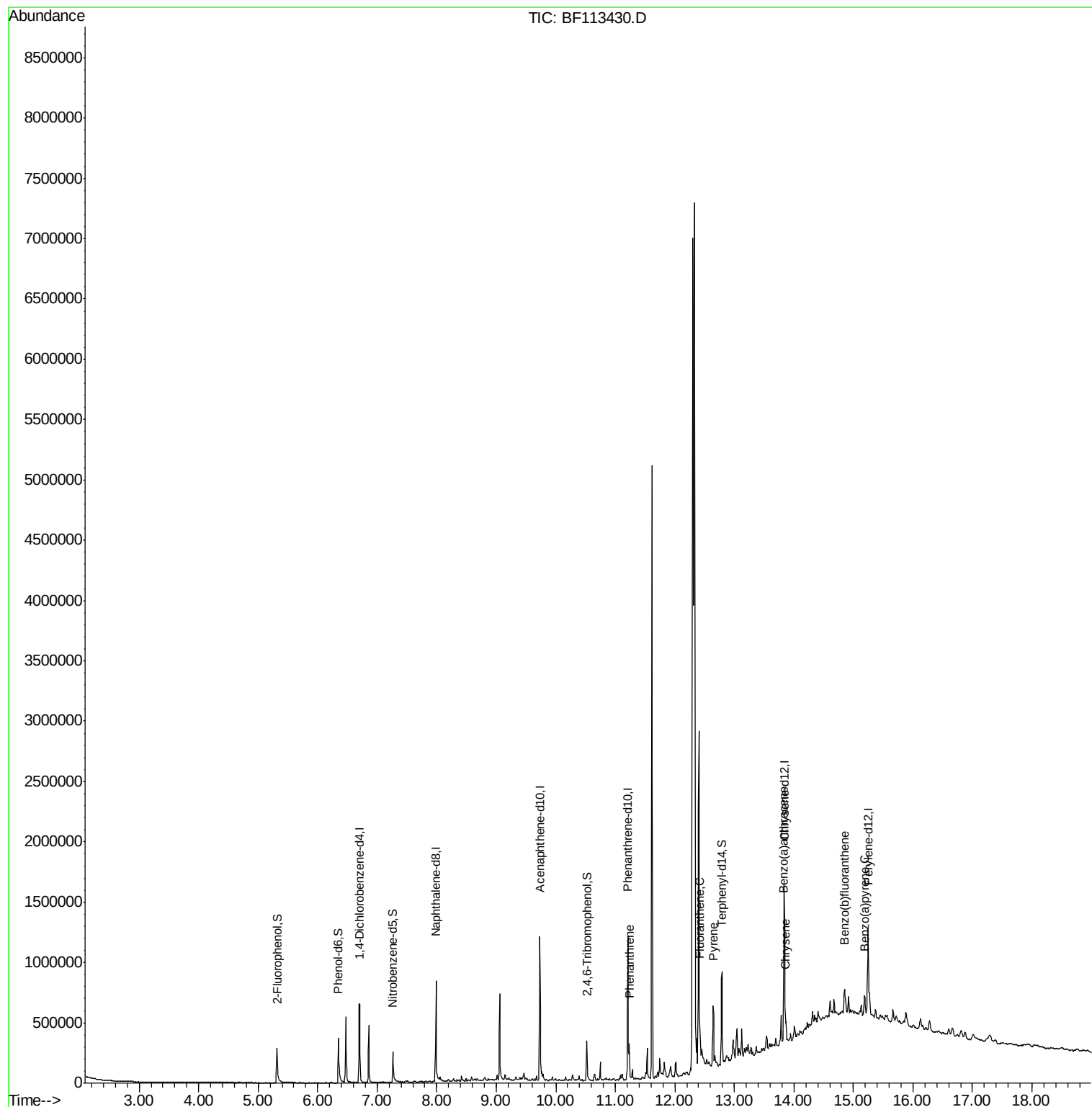
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113430.D
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Sample : K1698-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

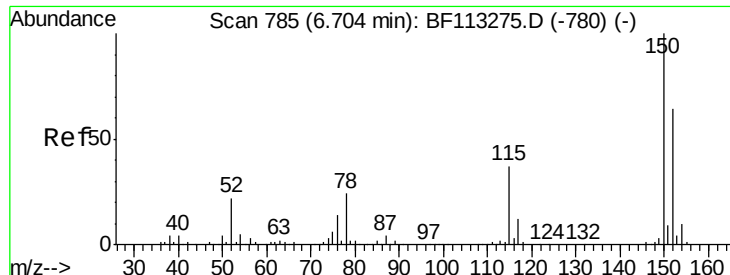
Instrument :
BNA_F
ClientSampleId :
TR-05-032819

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
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#1

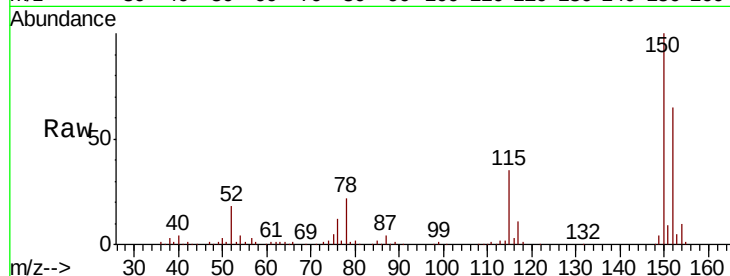
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113430.D
Acq: 29 Mar 2019 23:15

Instrument :
BNA_F
ClientSampleId :
TR-05-032819

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.7	187.1
115	53.5	46.0	69.0

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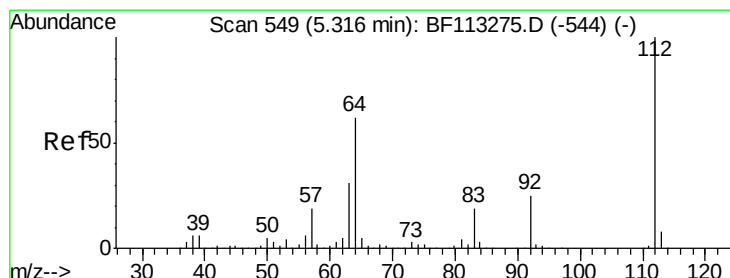
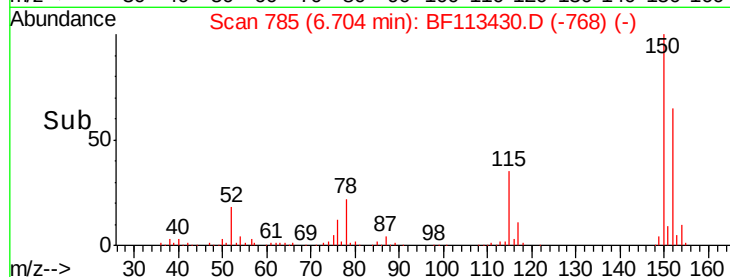
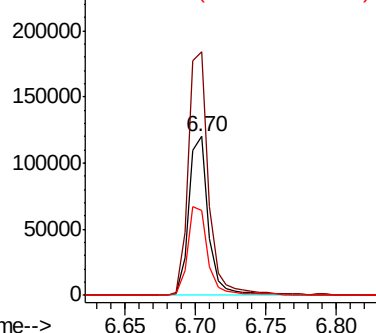


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

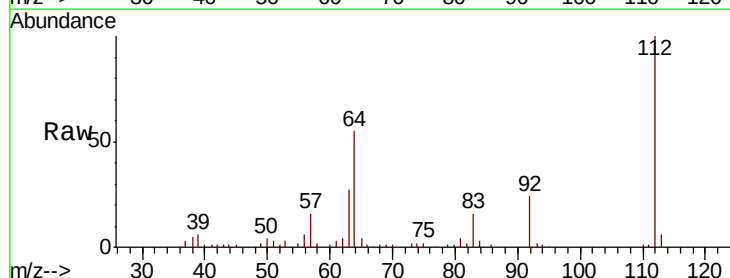
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 18.578 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF113430.D
Acq: 29 Mar 2019 23:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	49.2	73.8
63	26.5	24.9	37.3

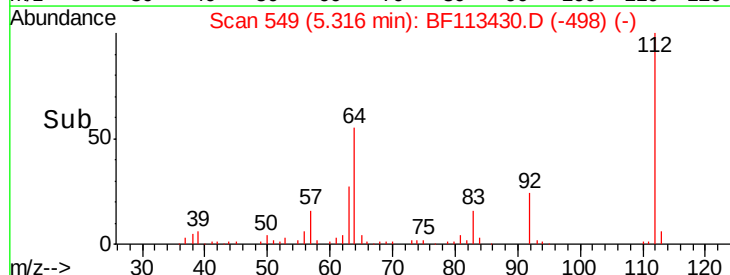
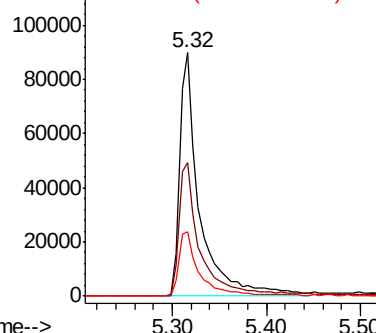


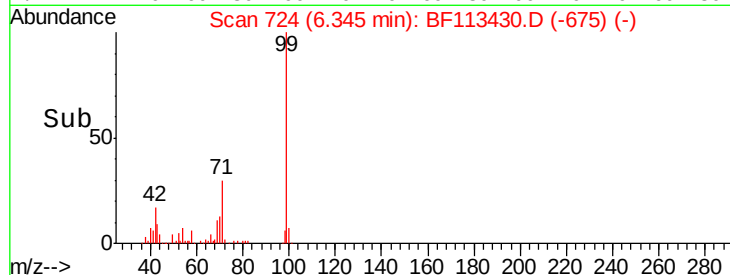
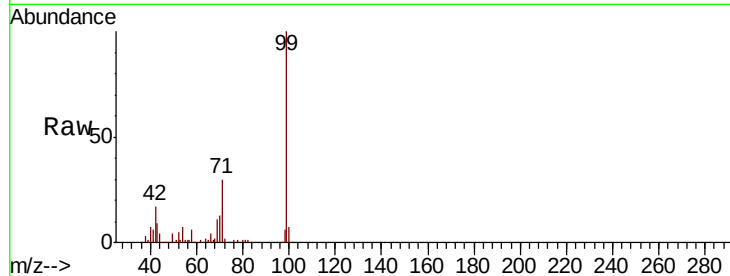
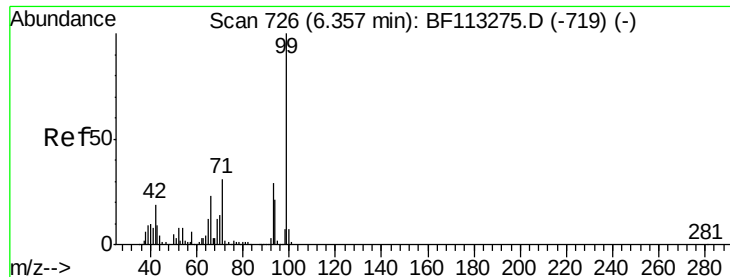
Abundance

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: 21.143 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113430.D

Acq: 29 Mar 2019 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	192370		
42	17.1	14.8	22.2	
71	29.7	24.9	37.3	

Instrument :

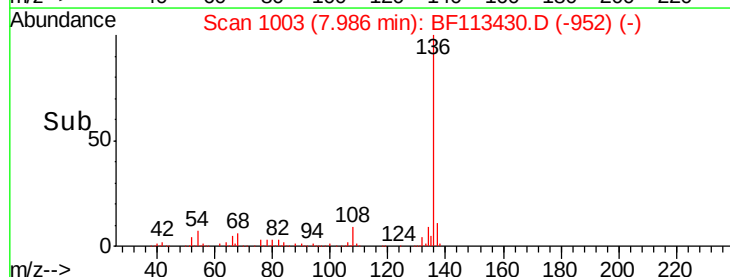
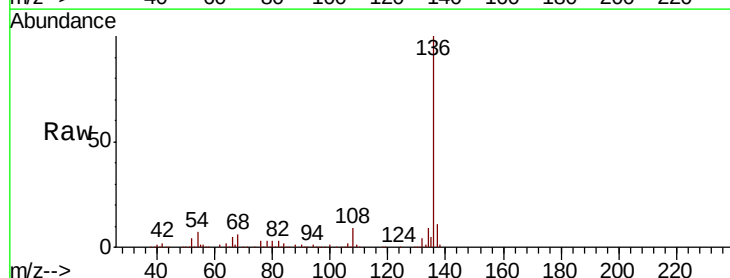
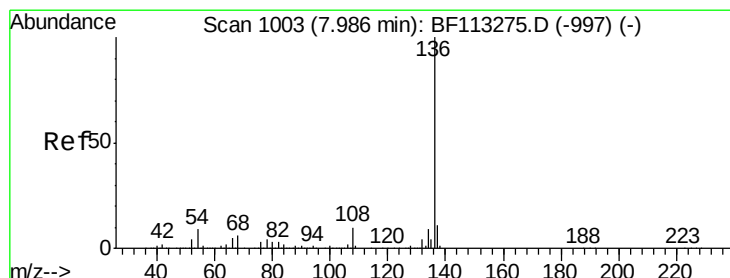
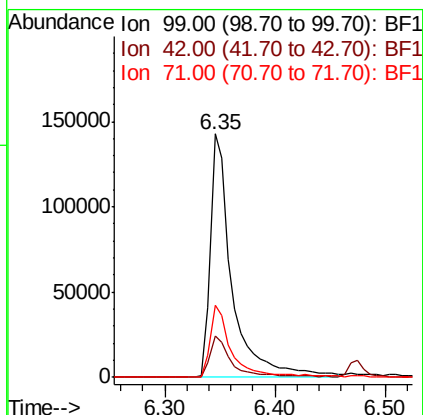
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ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.000 ng

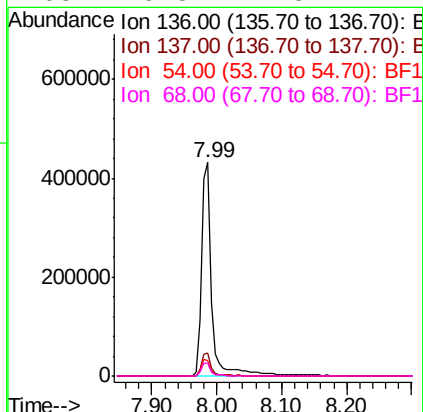
RT: 7.99 min Scan# 1003

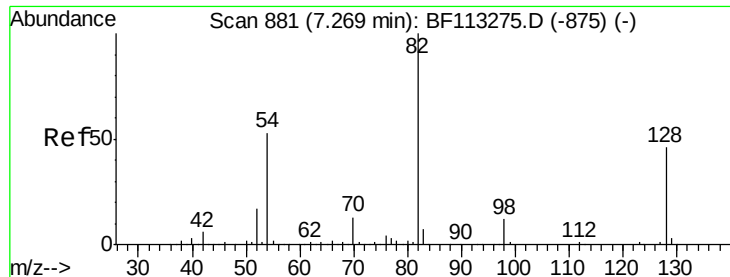
Delta R.T. -0.00 min

Lab File: BF113430.D

Acq: 29 Mar 2019 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	469728		
137	10.9	8.9	13.3	
54	7.2	7.0	10.6	
68	5.8	4.8	7.2	





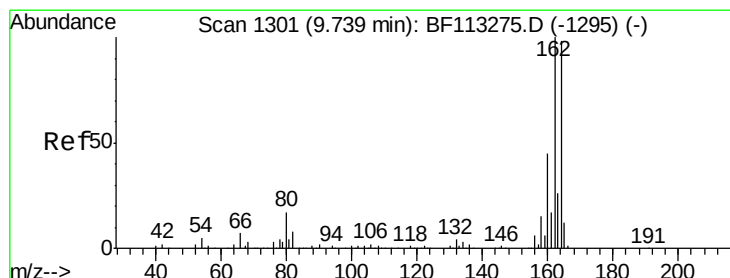
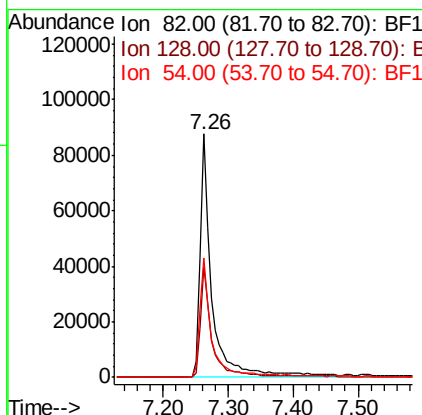
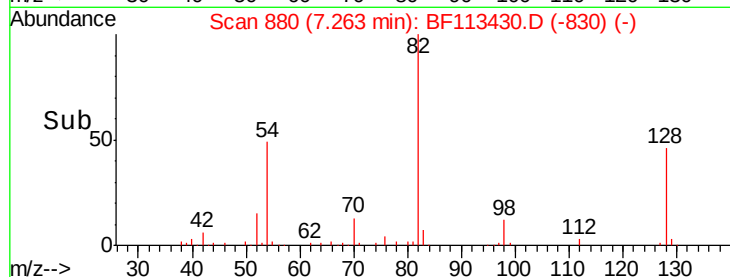
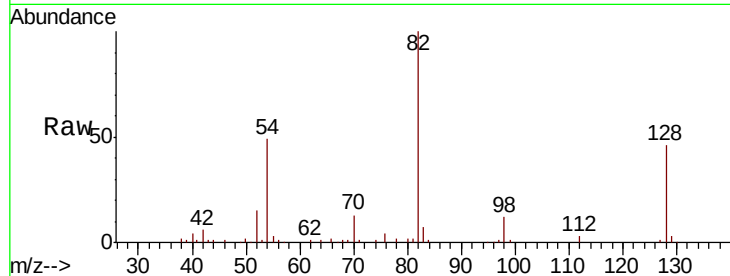
#23
Nitrobenzene-d5
Concen: 14.164 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF113430.D
Acq: 29 Mar 2019 23:15

Instrument :
BNA_F
ClientSampleId :
TR-05-032819

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	112090		
128	45.6	36.5	54.7	
54	49.3	42.2	63.2	

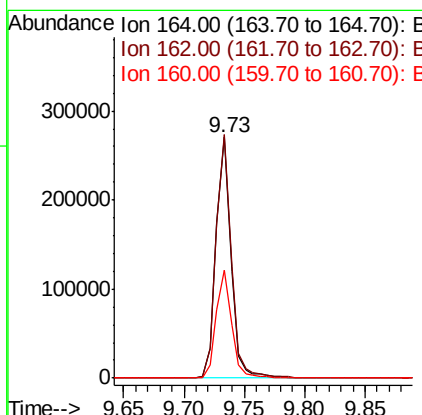
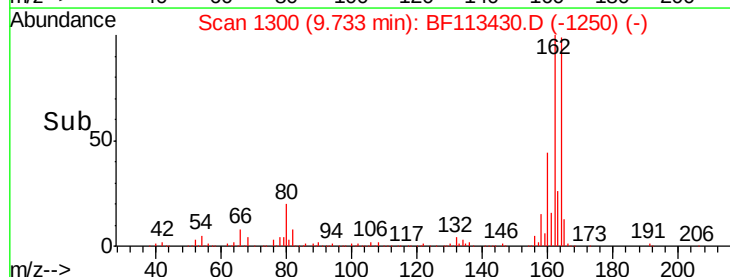
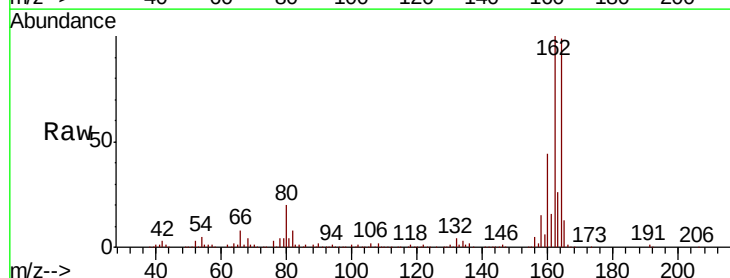
Manual Integrations
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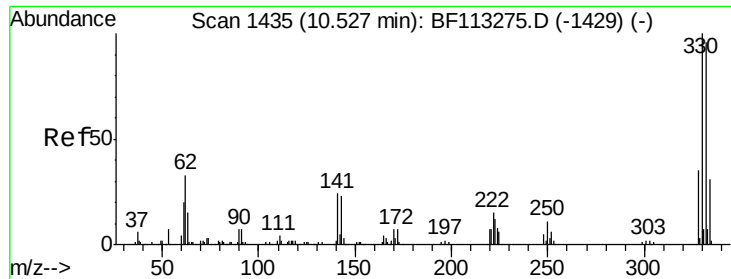
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113430.D
Acq: 29 Mar 2019 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	231673		
162	101.2	81.8	122.6	
160	44.9	36.4	54.6	





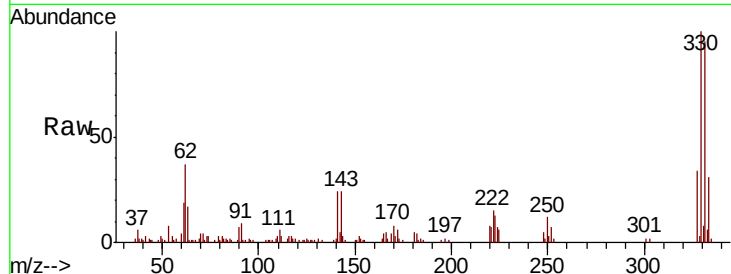
#42
 2,4,6-Tribromophenol
 Concen: 19.301 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113430.D
 Acq: 29 Mar 2019 23:15

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-032819

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	55233		
332	95.7		77.8	116.6
141	27.3		22.7	34.1

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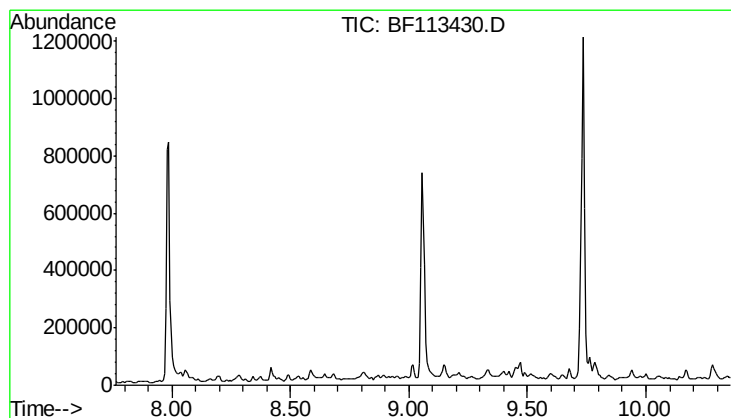
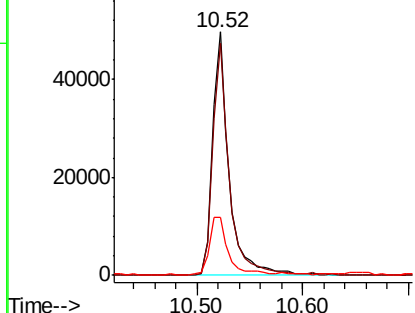
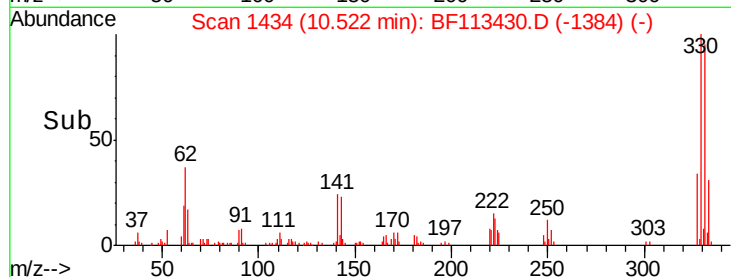


Abundance

Ion 329.80 (329.50 to 330.50): E

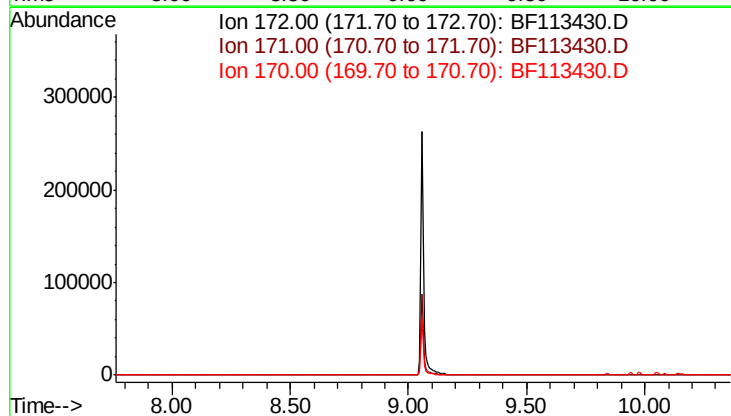
Ion 331.80 (331.50 to 332.50): E

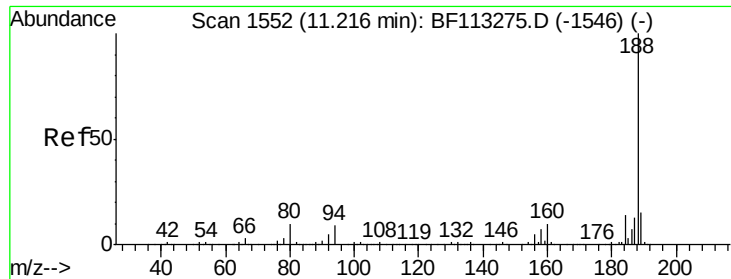
Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.06 min
 Lab File: BF113430.D
 Acq: 29 Mar 2019 23:15

Tgt Ion	Exp Ratio
172	100
171	36.3
170	24.4





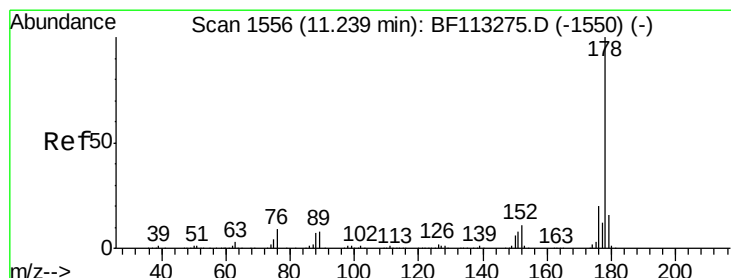
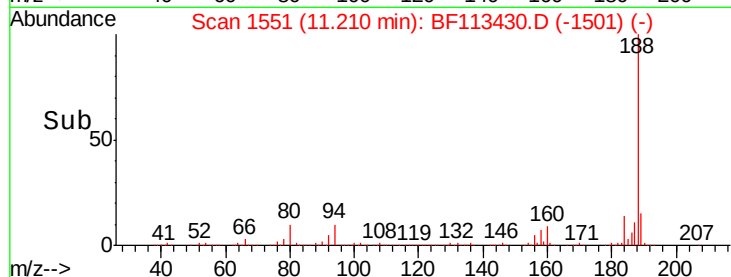
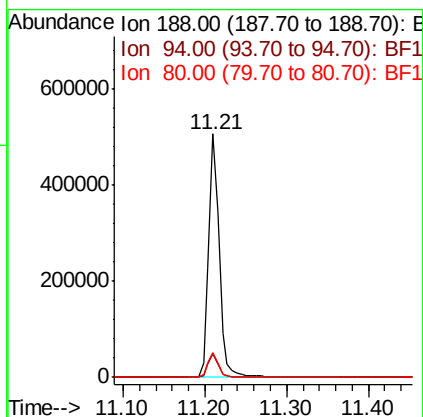
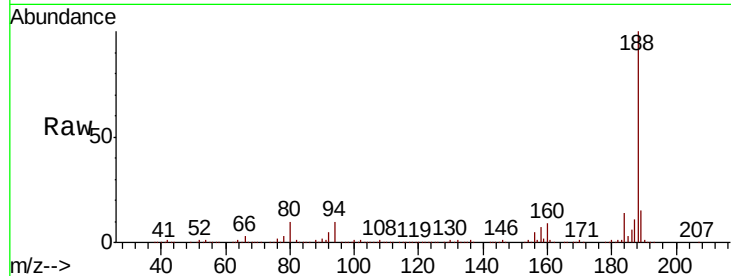
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113430.D
Acq: 29 Mar 2019 23:15

Instrument :
BNA_F
ClientSampleId :
TR-05-032819

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	451062		
94	9.8	7.0	10.6	
80	10.1	7.7	11.5	

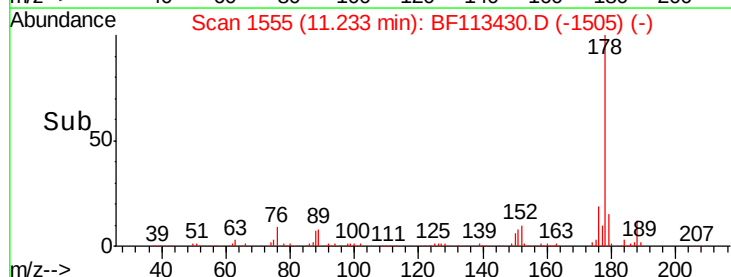
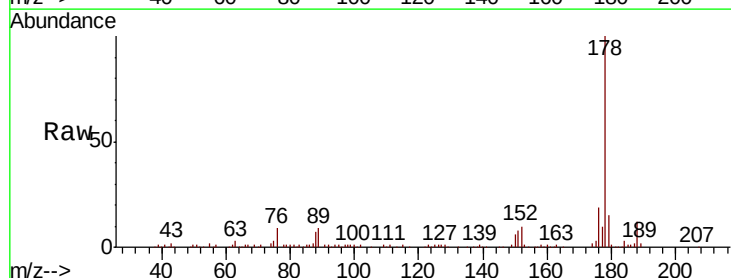
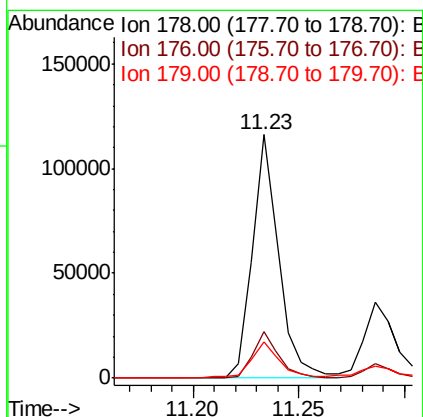
Manual Integrations
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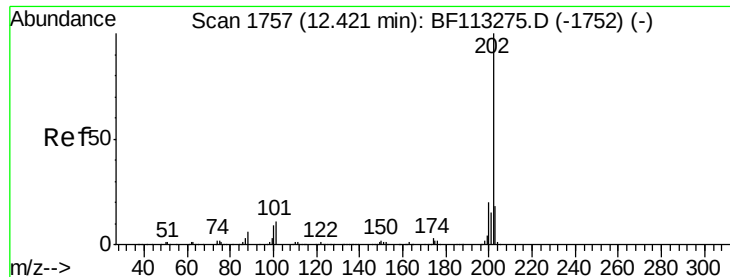
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#71
Phenanthrene
Concen: 4.549 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113430.D
Acq: 29 Mar 2019 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	101891		
176	19.0	16.2	24.2	
179	15.1	12.7	19.1	





#75

Fluoranthene

Concen: 8.649 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.00 min

Lab File: BF113430.D

Acq: 29 Mar 2019 23:15

Instrument :

BNA_F

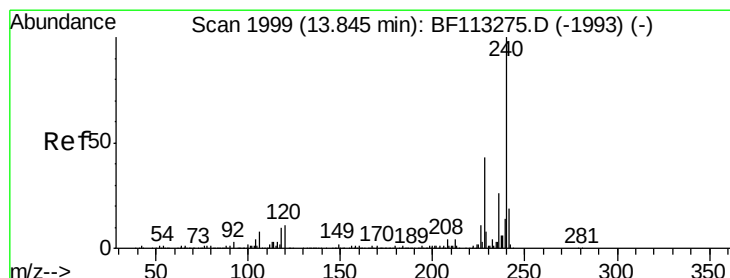
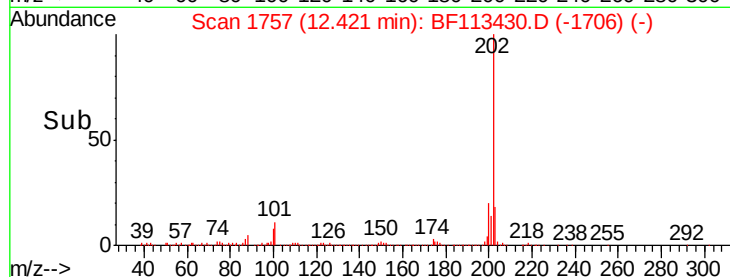
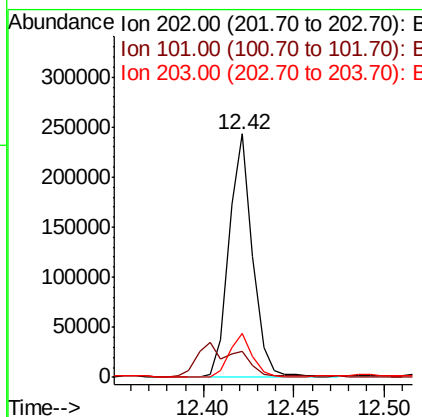
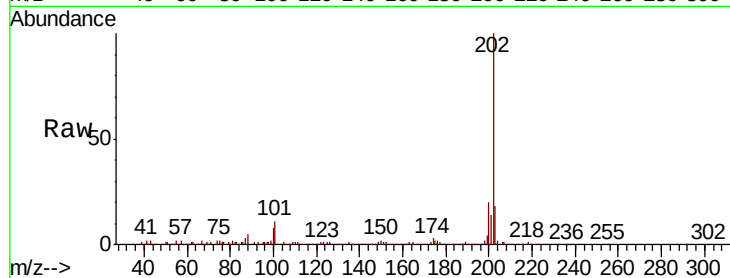
ClientSampleId :

TR-05-032819

Tgt Ion:	202	Resp:	219023
Ion Ratio		Lower	Upper
202	100		
101	10.8	0.0	31.4
203	17.9	0.0	38.0

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

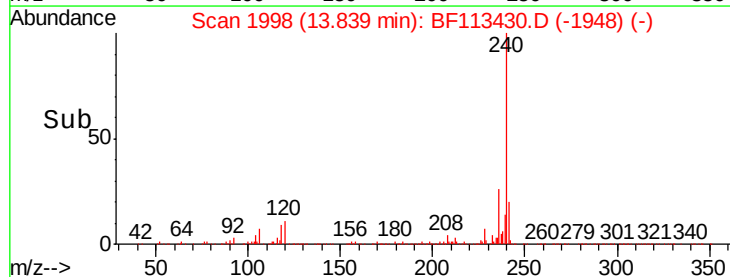
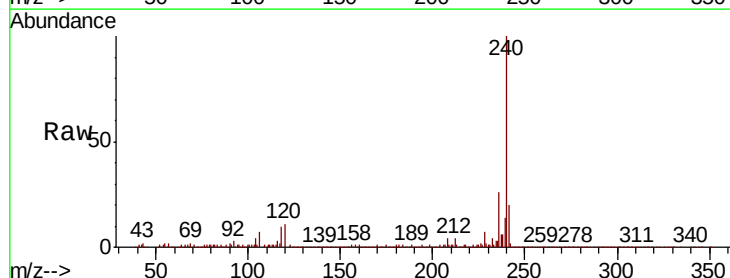
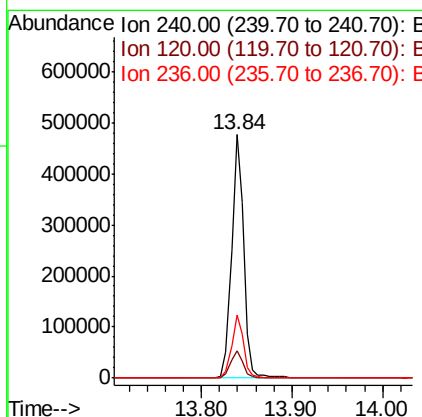
RT: 13.84 min Scan# 1998

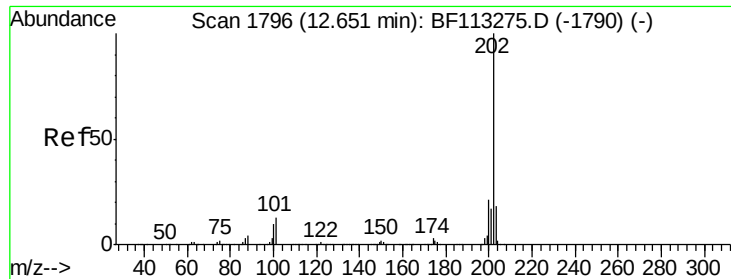
Delta R.T. -0.01 min

Lab File: BF113430.D

Acq: 29 Mar 2019 23:15

Tgt Ion:	240	Resp:	442492
Ion Ratio		Lower	Upper
240	100		
120	11.1	8.8	13.2
236	25.8	20.9	31.3





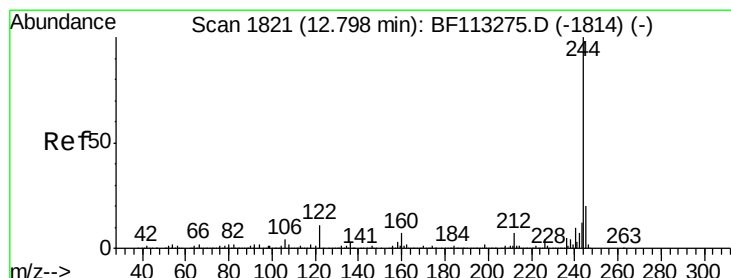
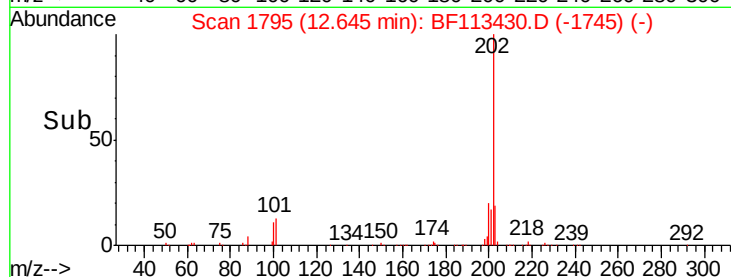
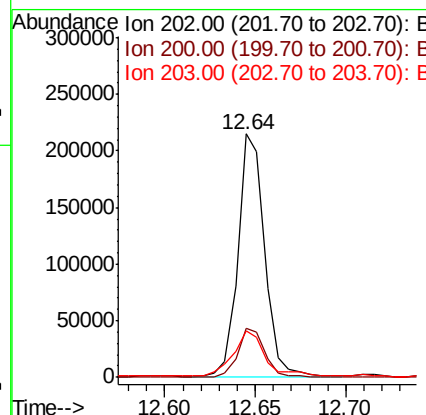
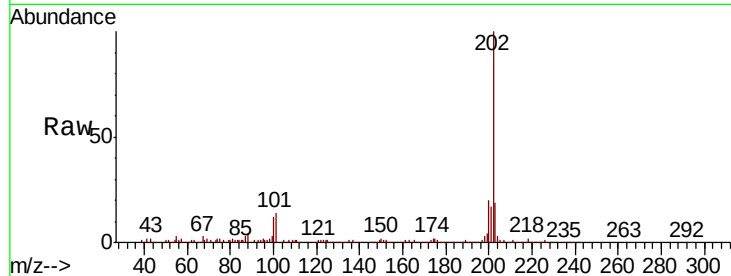
#78
Pyrene
Concen: 7.145 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF113430.D
Acq: 29 Mar 2019 23:15

Instrument :
BNA_F
ClientSampleId :
TR-05-032819

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	219101		
200	20.1	16.8	25.2	
203	19.3	14.4	21.6	

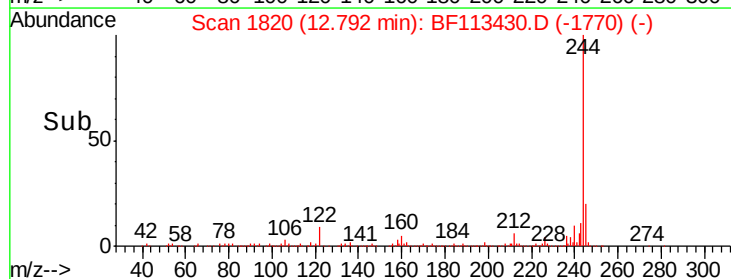
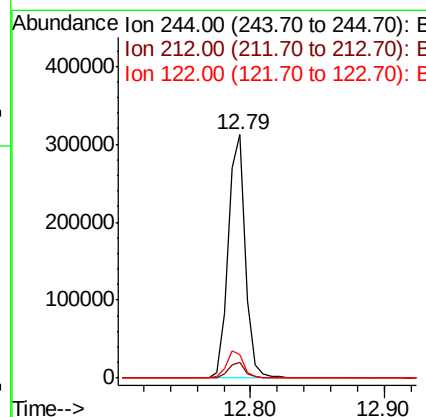
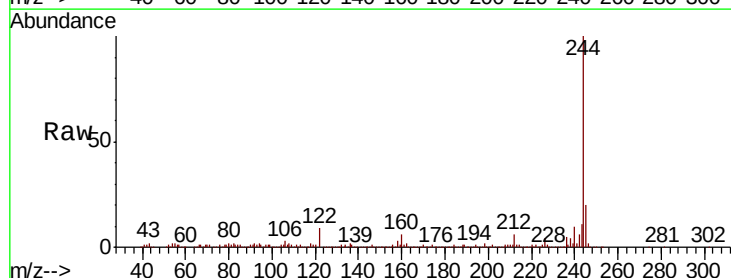
Manual Integrations
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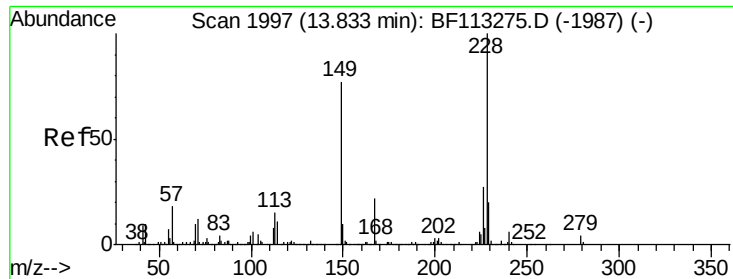
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#79
Terphenyl-d14
Concen: 14.145 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF113430.D
Acq: 29 Mar 2019 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	283973		
212	6.3	5.5	8.3	
122	9.4	8.6	13.0	





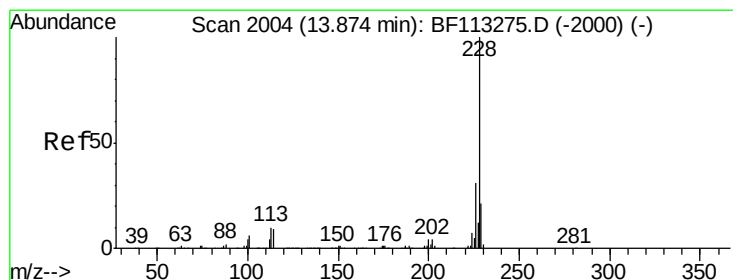
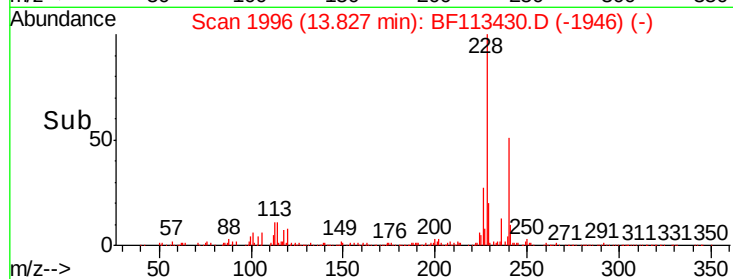
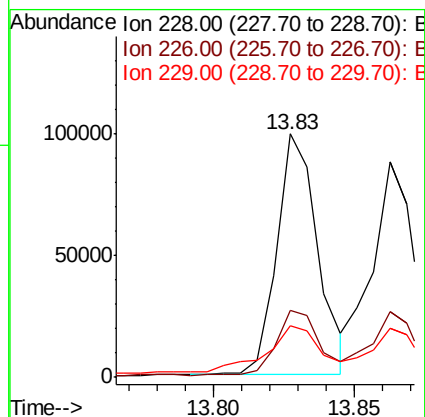
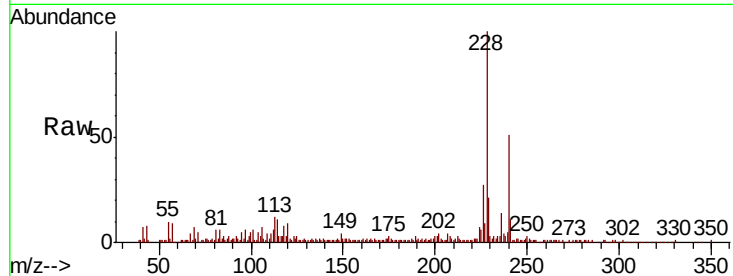
#81
Benzo(a)anthracene
Concen: 3.927 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF113430.D
Acq: 29 Mar 2019 23:15

Instrument :
BNA_F
ClientSampleId :
TR-05-032819

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.8	32.8
229	21.1	16.2	24.4

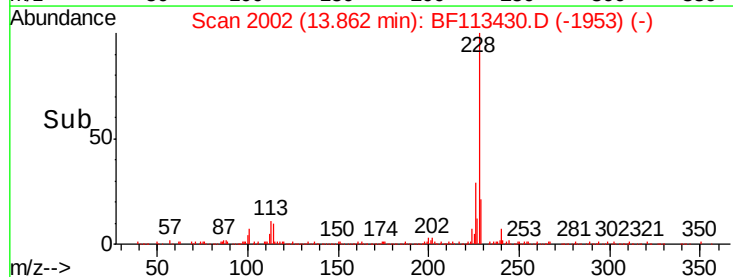
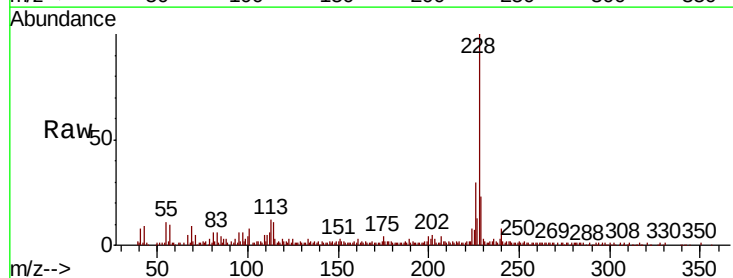
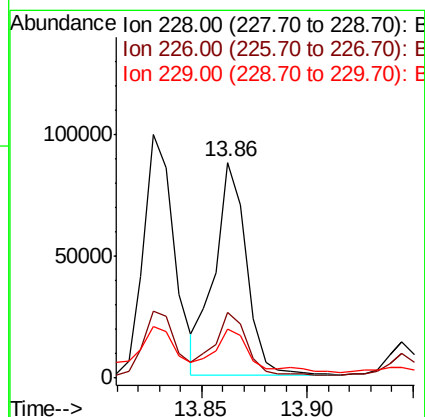
Manual Integrations
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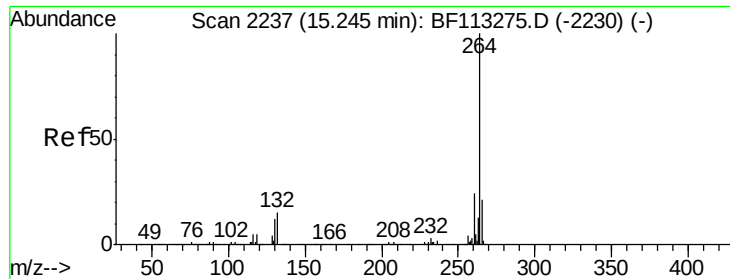
Sohil
4/1/2019 5:46:38 PM



#83
Chrysene
Concen: 3.594 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113430.D
Acq: 29 Mar 2019 23:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.3	36.5
229	23.0	16.3	24.5





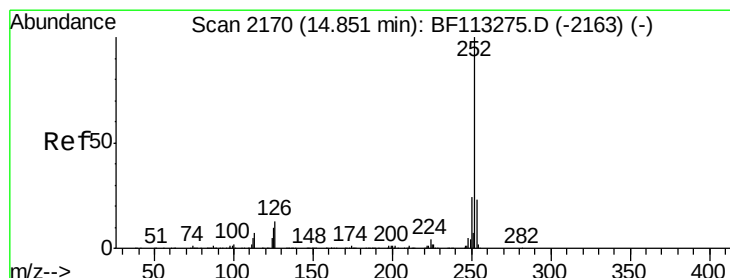
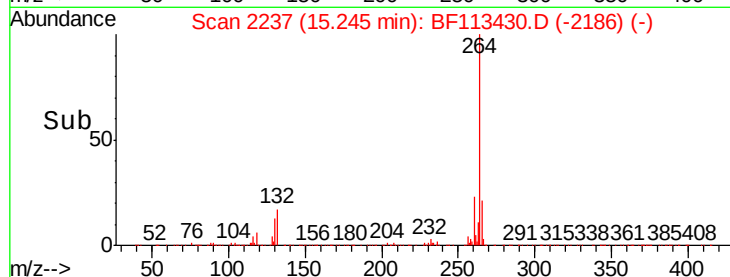
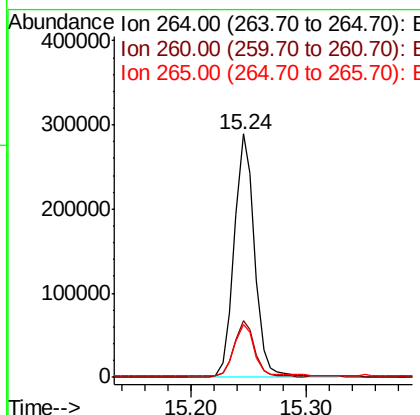
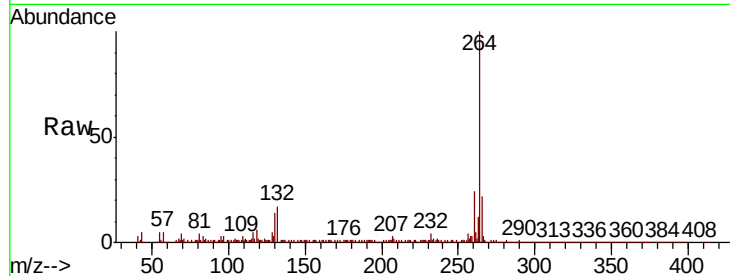
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.00 min
Lab File: BF113430.D
Acq: 29 Mar 2019 23:15

Instrument :
BNA_F
ClientSampleId :
TR-05-032819

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	350517		
260	23.6	19.1	28.7	
265	21.7	17.1	25.7	

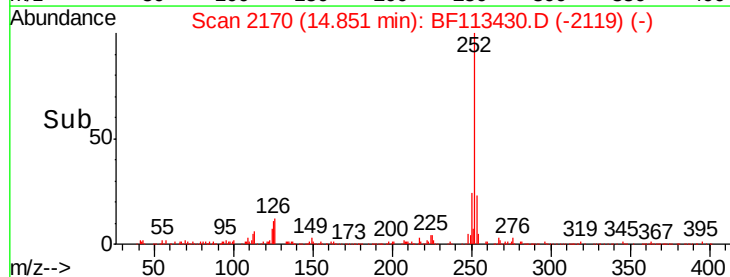
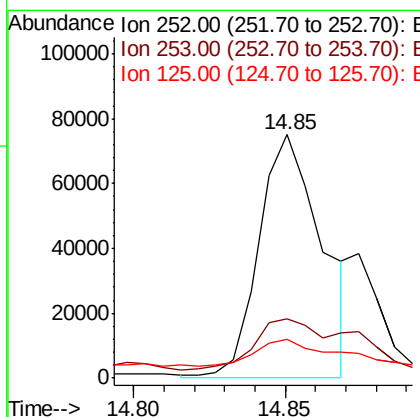
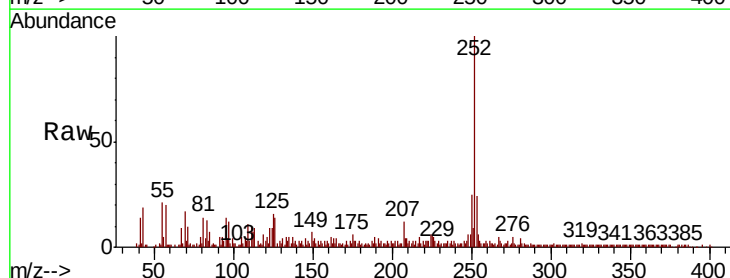
Manual Integrations
APPROVED

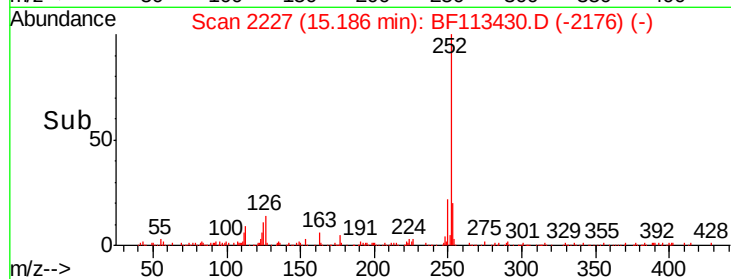
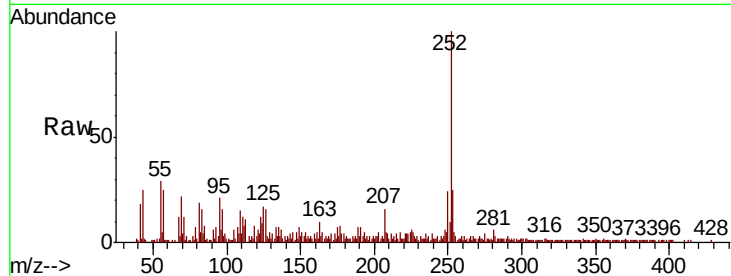
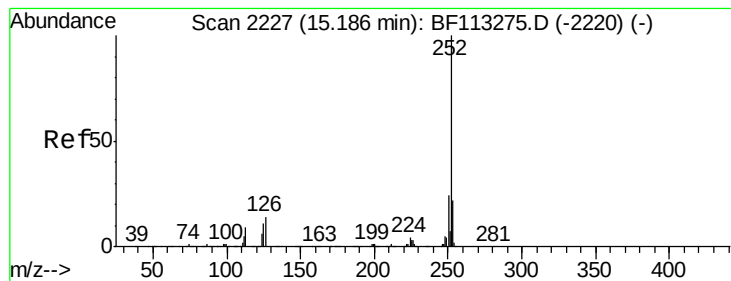
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#88
Benzo(b)fluoranthene
Concen: 4.975 ng m
RT: 14.85 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BF113430.D
Acq: 29 Mar 2019 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	108320		
253	24.4	18.0	27.0	
125	15.9	7.6	11.4	





#90

Benzo(a)pyrene

Concen: 3.552 ng

RT: 15.19 min Scan# 2227

Delta R.T. -0.00 min

Lab File: BF113430.D

Acq: 29 Mar 2019 23:15

Instrument :

BNA_F

ClientSampleId :

TR-05-032819

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	68573		
253	25.2	17.9	26.9	
125	17.4	8.8	13.2	

Manual Integrations
APPROVED

Sohil
4/1/2019 5:46:38 PM

