

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
 Data File : BF112212.D
 Acq On : 24 Jan 2019 16:47
 Operator : JU/SJ
 Sample : K1016-09 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-RO-4-012319

Manual Integrations
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Sohil
 1/25/2019 10:05:07 AM

Quant Time: Jan 25 00:18:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	185403	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	714119	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	351022	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	563341	20.00	ng	0.00
76) Chrysene-d12	14.03	240	437003	20.00	ng	0.00
87) Perylene-d12	15.50	264	331875	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	202245	19.80	ng	-0.01
7) Phenol-d6	6.49	99	265658	20.79	ng	-0.01
23) Nitrobenzene-d5	7.41	82	140545	13.60	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	65094	17.19	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	313526	13.10	ng	0.00
79) Terphenyl-d14	12.97	244	231726	11.28	ng	0.00
Target Compounds						
75) Fluoranthene	12.60	202	89575	2.992	ng	98
78) Pyrene	12.83	202	77577m	2.691	ng	
81) Benzo(a)anthracene	14.02	228	51944	2.073	ng	95
83) Chrysene	14.05	228	49913m	2.105	ng	
88) Benzo(b)fluoranthene	15.07	252	97401m	5.170	ng	
90) Benzo(a)pyrene	15.43	252	64205	3.716	ng	# 87
92) Benzo(g,h,i)perylene	17.43	276	37186	2.460	ng	94

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

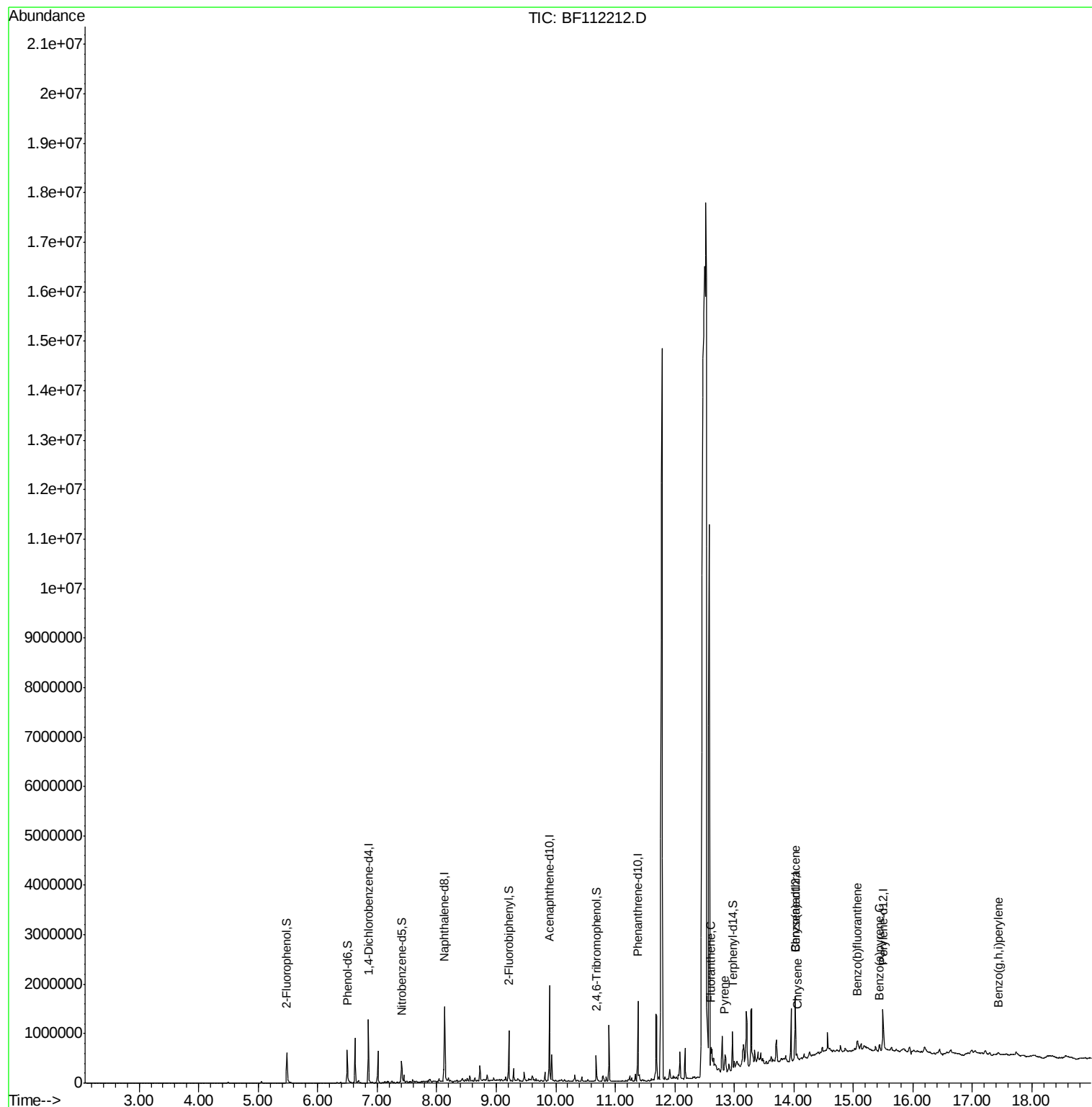
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
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Operator : JU/SJ
Sample : K1016-09 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

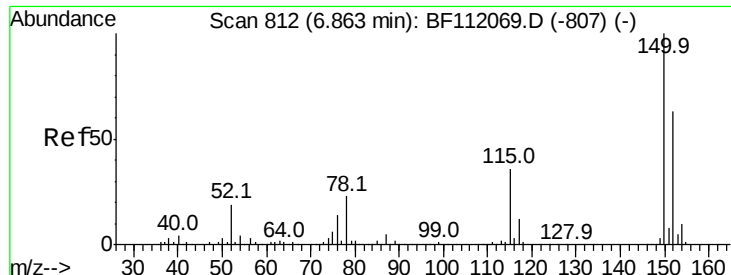
Instrument :
BNA_F
ClientSampleId :
TR-05-RO-4-012319

Manual Integrations
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Quant Time: Jan 25 00:18:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 19 01:02:12 2019
Response via : Initial Calibration





#1

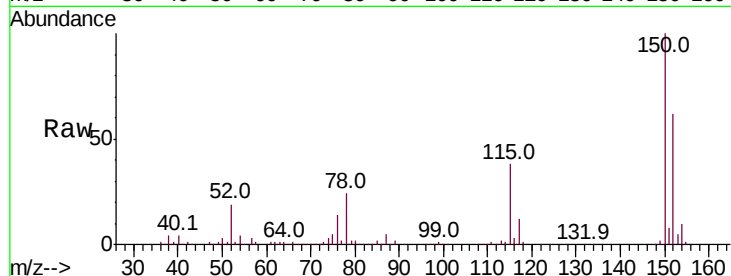
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF112212.D
 Acq: 24 Jan 2019 16:47

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-RO-4-012319

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	127.4	191.0
115	60.7	45.5	68.3

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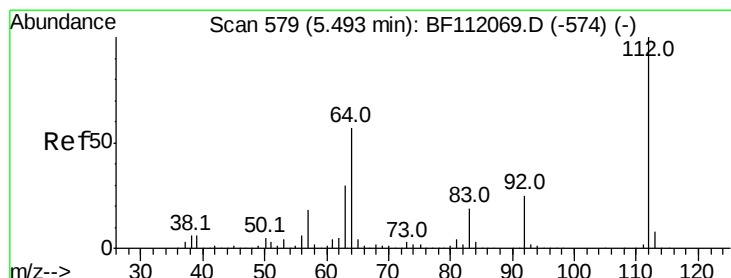
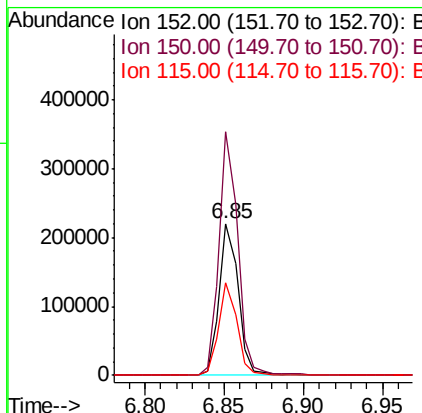
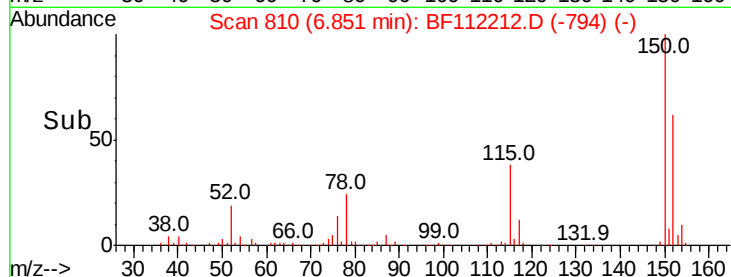


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

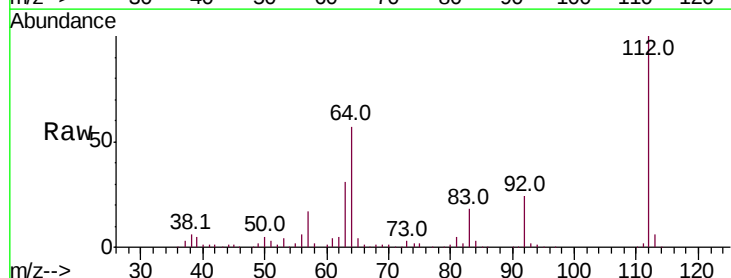
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 19.799 ng
 RT: 5.48 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: BF112212.D
 Acq: 24 Jan 2019 16:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	45.7	68.5
63	30.7	23.6	35.4

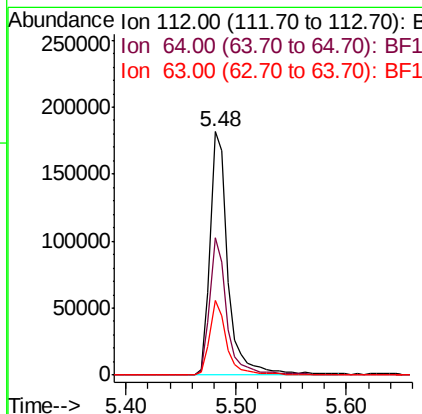
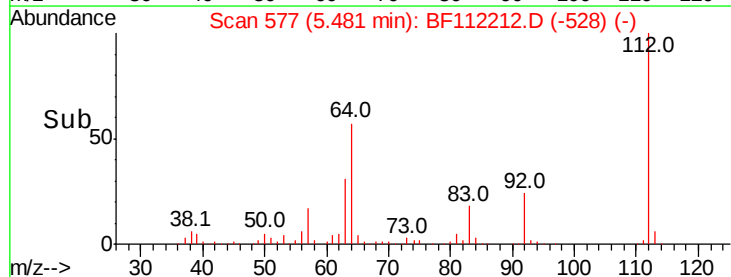


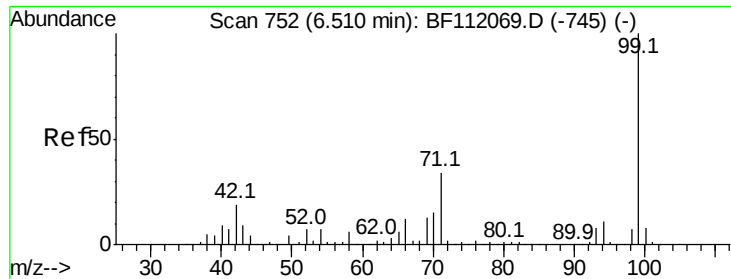
Abundance

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: 20.786 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF112212.D

Acq: 24 Jan 2019 16:47

Instrument :

BNA_F

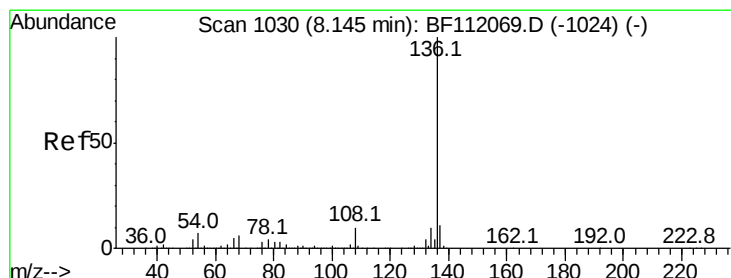
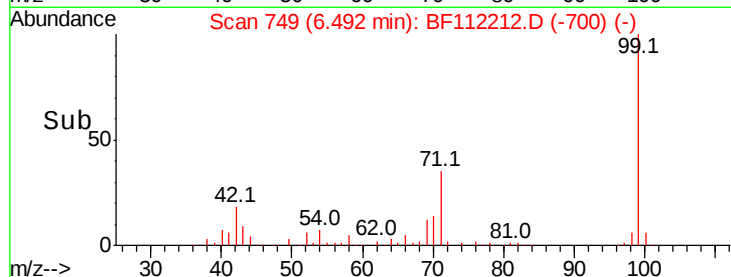
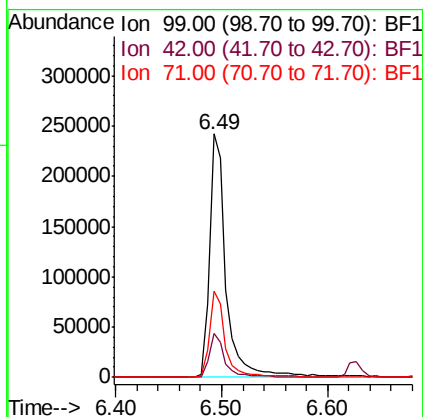
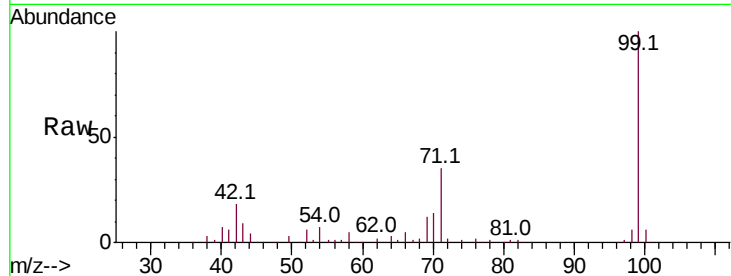
ClientSampleId :

TR-05-RO-4-012319

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		265658		
42	18.2	15.1	22.7		
71	35.4	26.9	40.3		

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#21

Naphthalene-d8

Concen: 20.000 ng

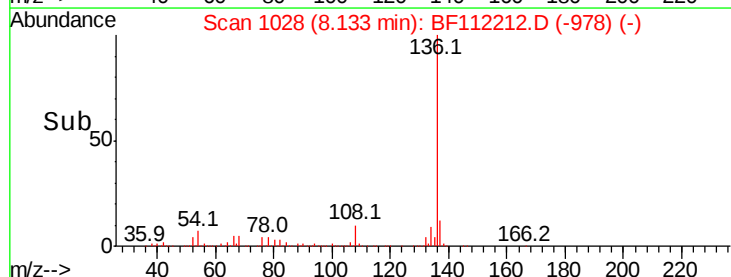
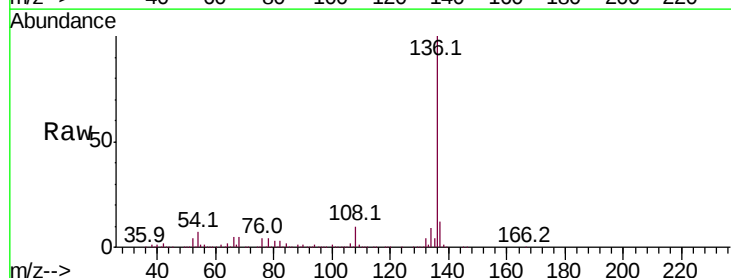
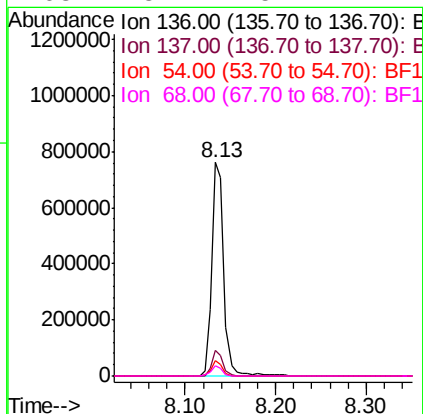
RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF112212.D

Acq: 24 Jan 2019 16:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		714119		
137	11.7	9.1	13.7		
54	7.0	5.9	8.9		
68	5.1	5.1	7.7#		





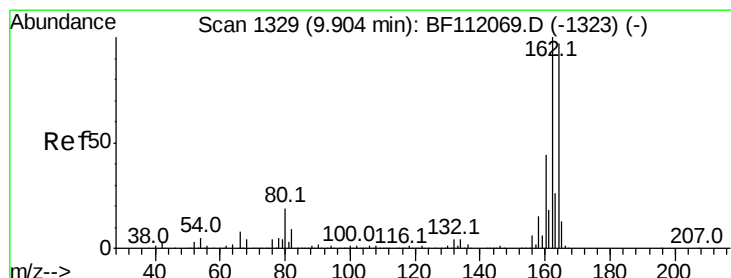
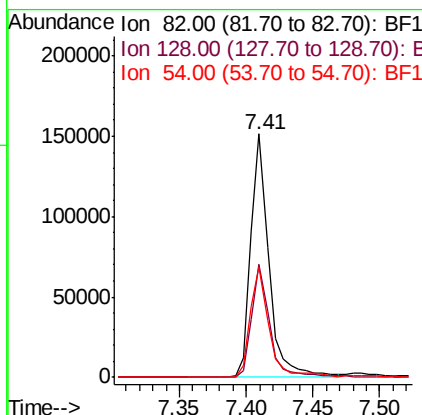
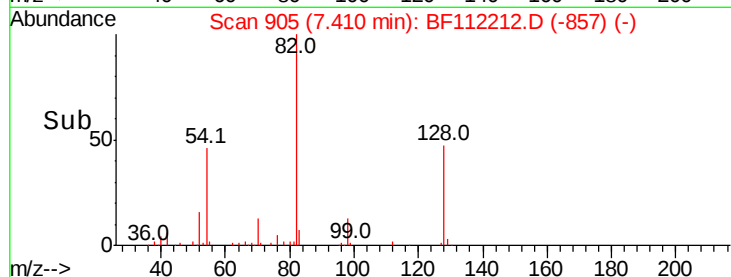
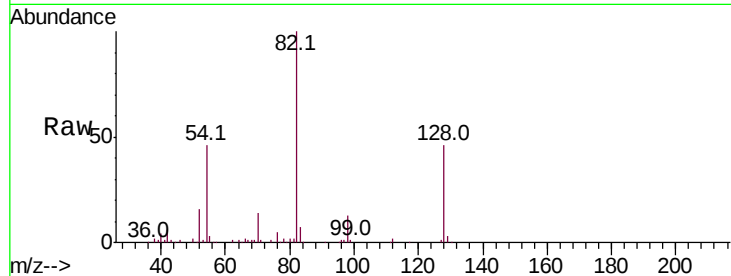
#23
Nitrobenzene-d5
Concen: 13.597 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF112212.D
Acq: 24 Jan 2019 16:47

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-4-012319

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.8	56.8
54	45.6	39.7	59.5

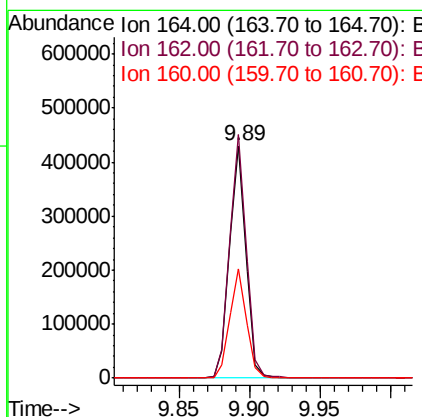
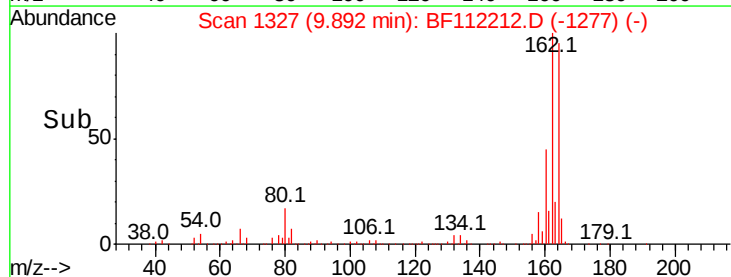
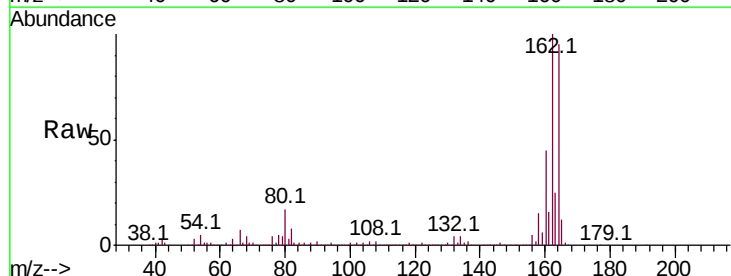
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112212.D
Acq: 24 Jan 2019 16:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.2	123.4
160	47.0	36.2	54.4





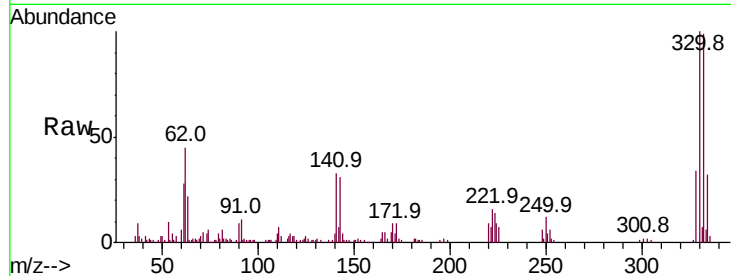
#42
 2,4,6-Tribromophenol
 Concen: 17.190 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF112212.D
 Acq: 24 Jan 2019 16:47

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-RO-4-012319

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.6	114.8
141	34.1	24.3	36.5

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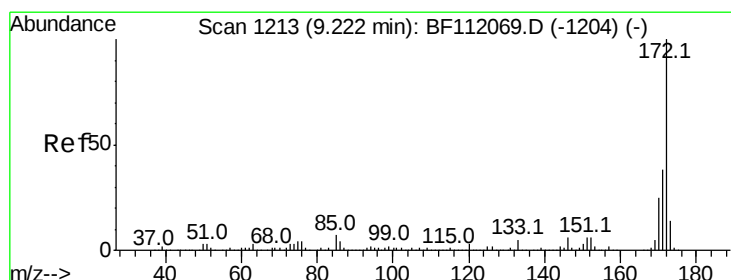
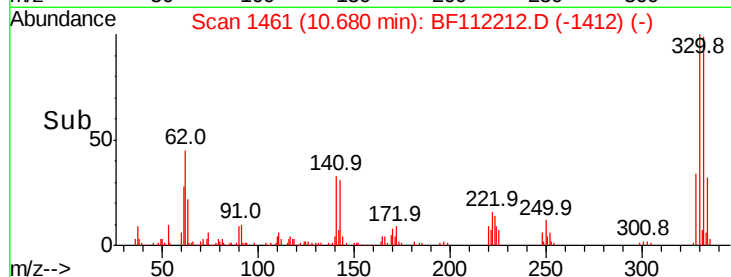
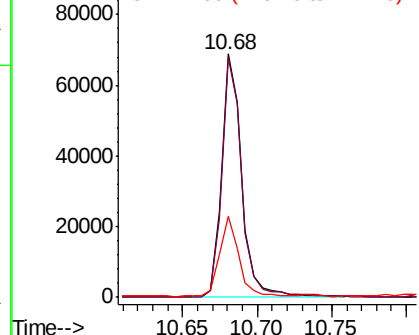


Abundance

Ion 329.80 (329.50 to 330.50): E

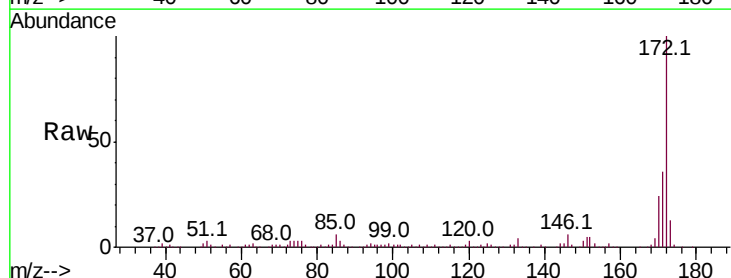
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 13.095 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112212.D
 Acq: 24 Jan 2019 16:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.5	45.7
170	23.5	20.2	30.4

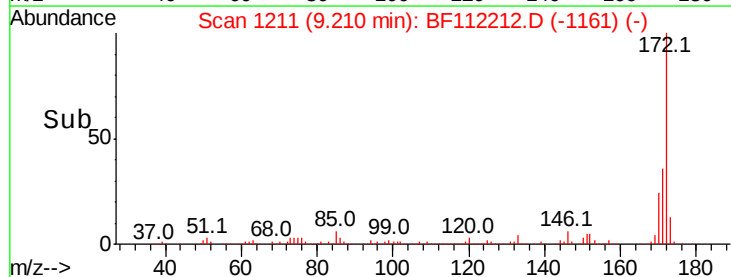
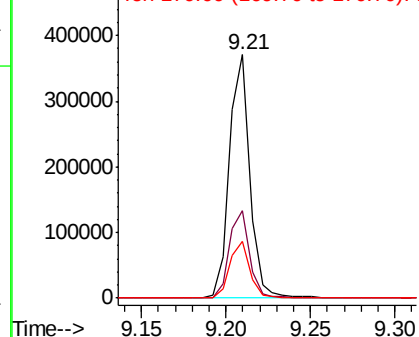


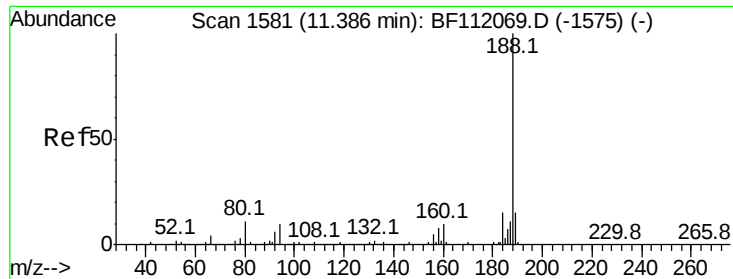
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





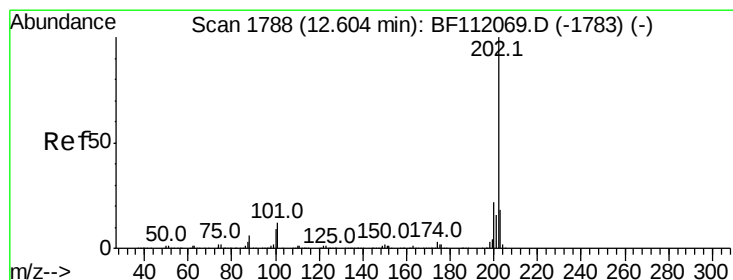
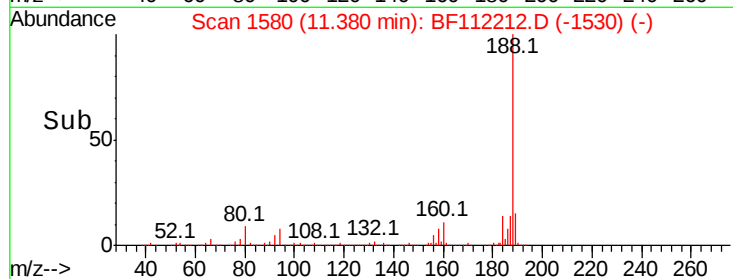
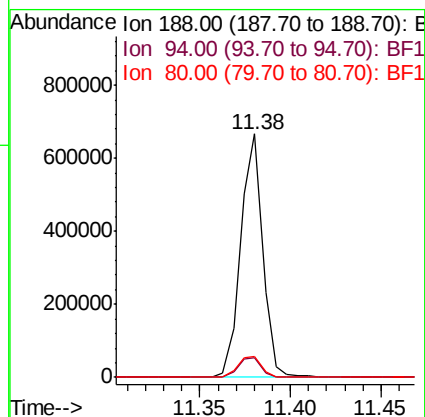
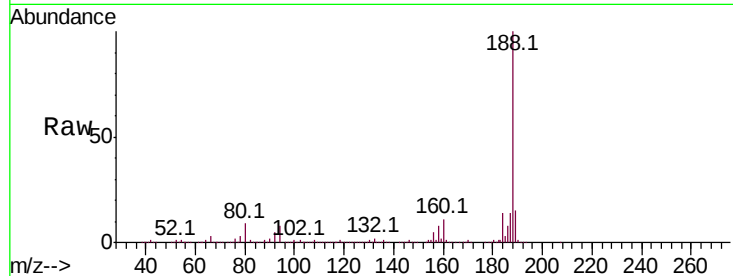
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF112212.D
Acq: 24 Jan 2019 16:47

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-4-012319

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.2	8.2	12.2
80	8.8	8.9	13.3

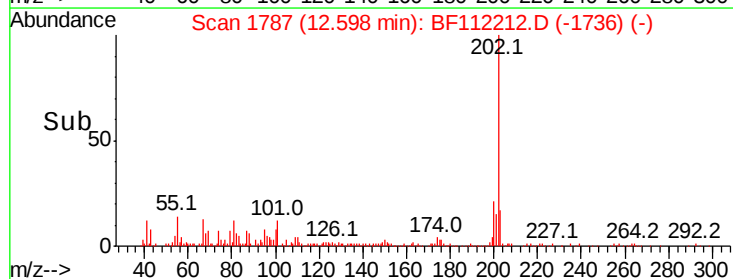
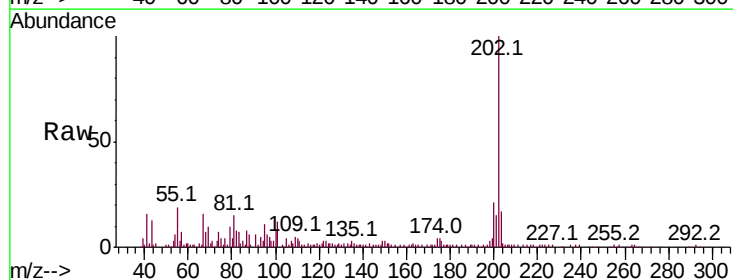
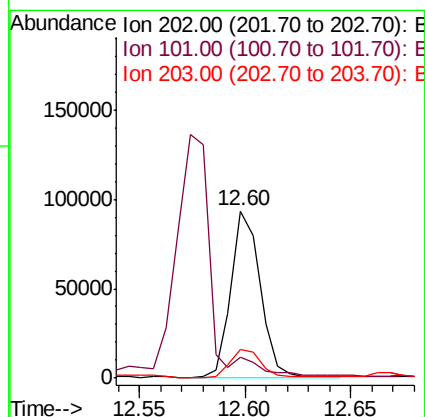
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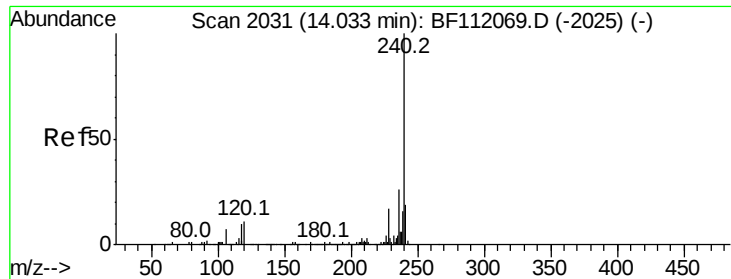
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#75
Fluoranthene
Concen: 2.992 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BF112212.D
Acq: 24 Jan 2019 16:47

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.2	0.0	31.8
203	17.0	0.0	38.4





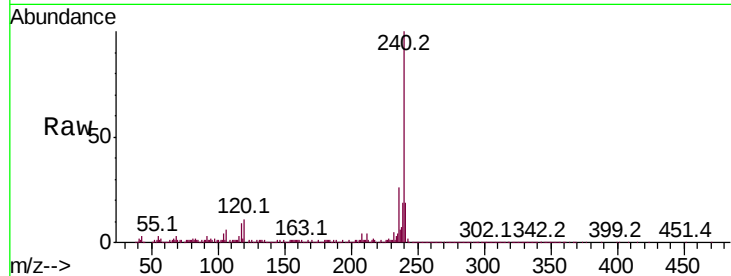
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF112212.D
Acq: 24 Jan 2019 16:47

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-4-012319

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.0	13.6
236	25.7	20.7	31.1

Manual Integrations
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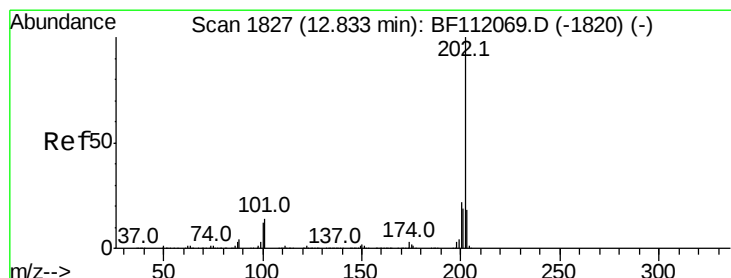
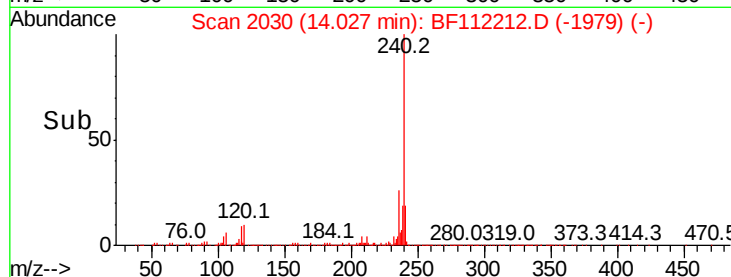
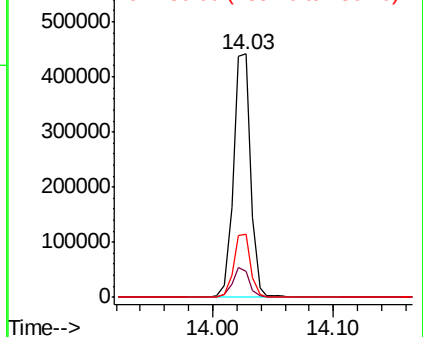


Abundance

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



#78
Pyrene
Concen: 2.691 ng m
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF112212.D
Acq: 24 Jan 2019 16:47

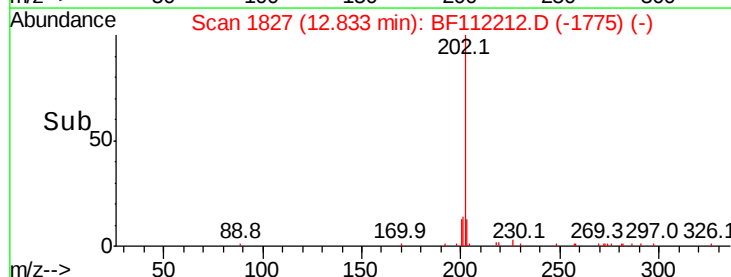
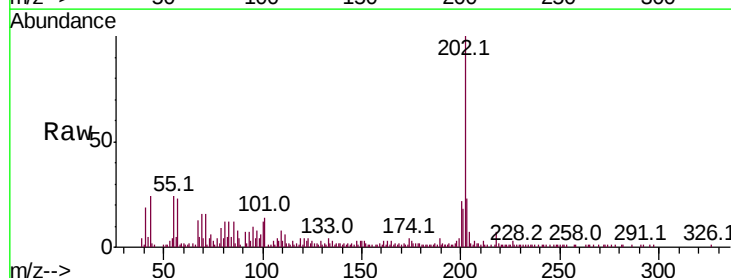
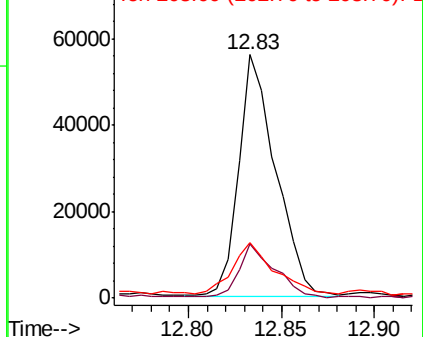
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	23.0	14.6	22.0#

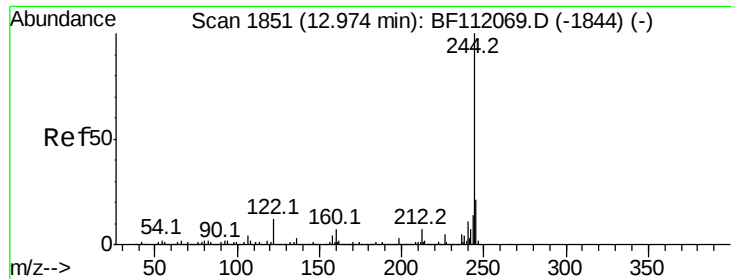
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





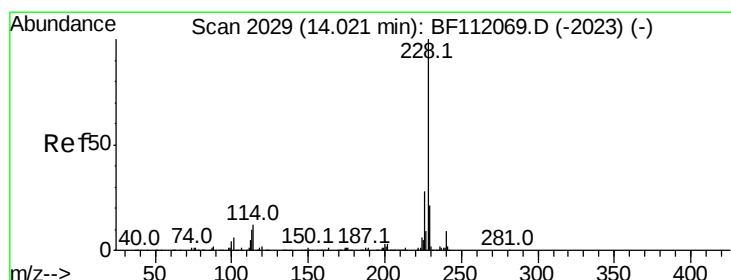
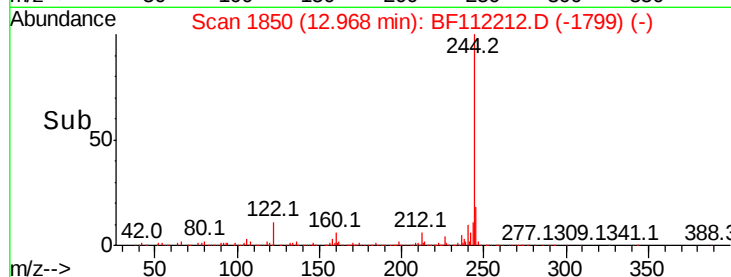
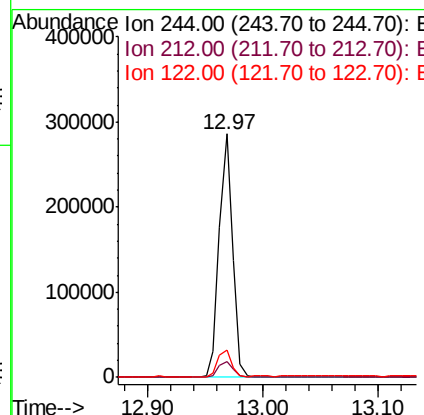
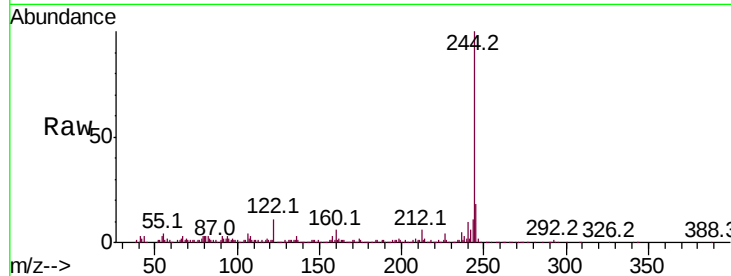
#79
 Terphenyl-d14
 Concen: 11.281 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BF112212.D
 Acq: 24 Jan 2019 16:47

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-RO-4-012319

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.9	8.9
122	11.2	9.8	14.6

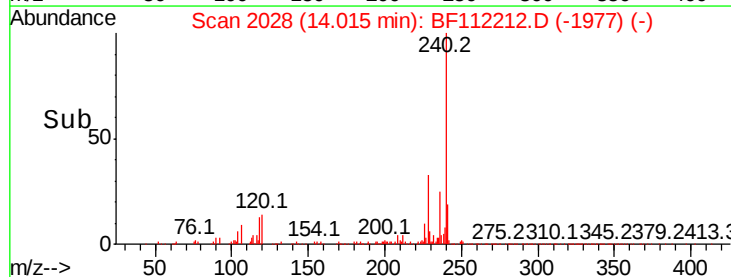
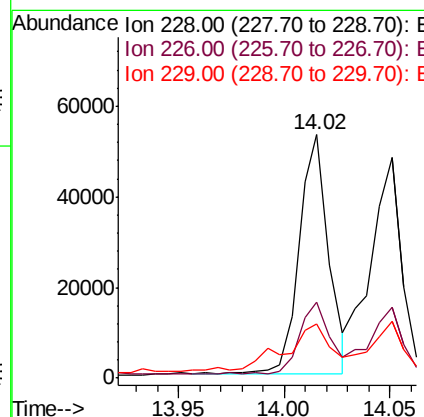
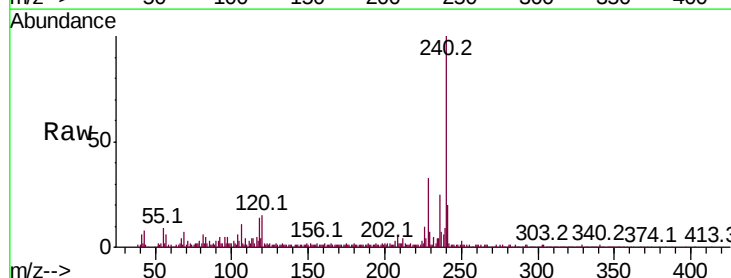
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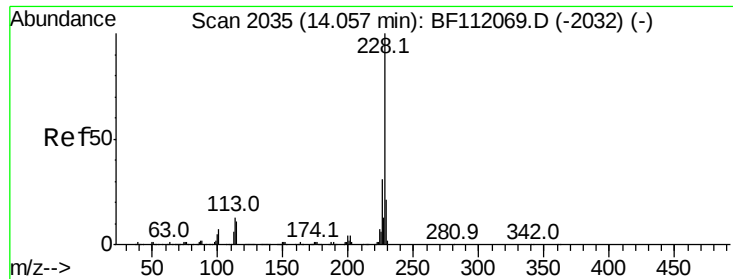
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 1/25/2019 10:05:07 AM



#81
 Benzo(a)anthracene
 Concen: 2.073 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF112212.D
 Acq: 24 Jan 2019 16:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.6	34.0
229	22.4	16.5	24.7





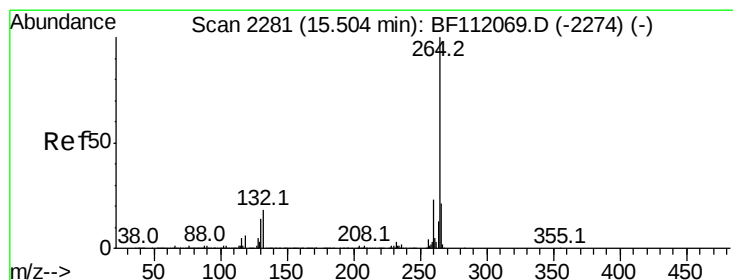
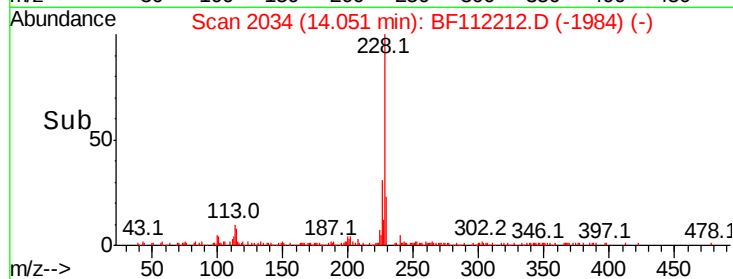
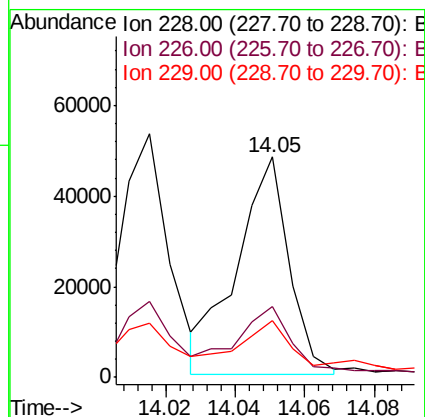
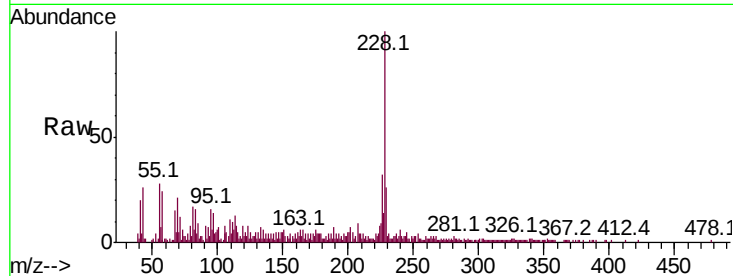
#83
Chrysene
Concen: 2.105 ng/mL
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF112212.D
Acq: 24 Jan 2019 16:47

Instrument :
BNA_F
ClientSampled :
TR-05-RO-4-012319

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.0	37.6
229	25.7	16.6	24.8

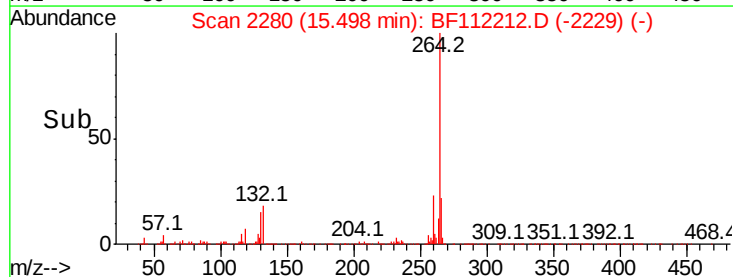
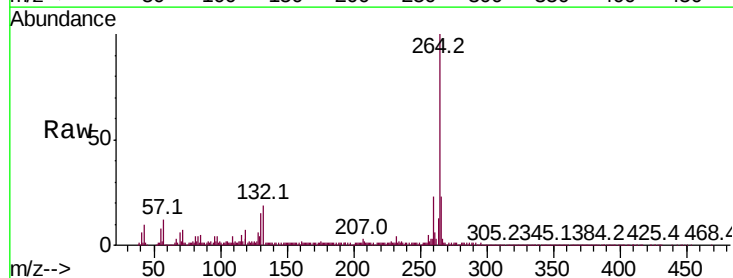
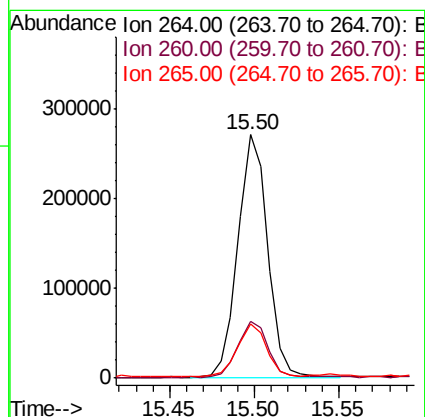
Manual Integrations
APPROVED

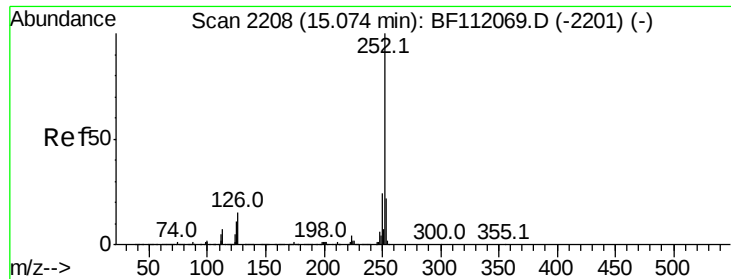
Sohil
1/25/2019 10:05:07 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BF112212.D
Acq: 24 Jan 2019 16:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.2
265	22.5	17.0	25.4





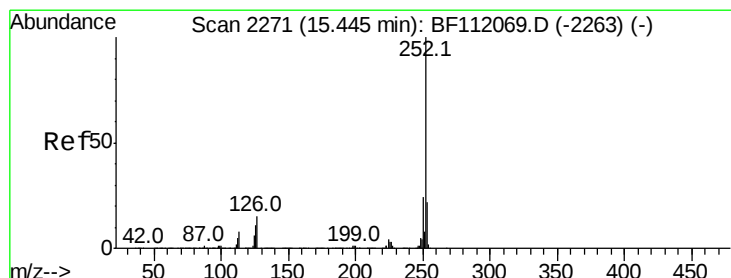
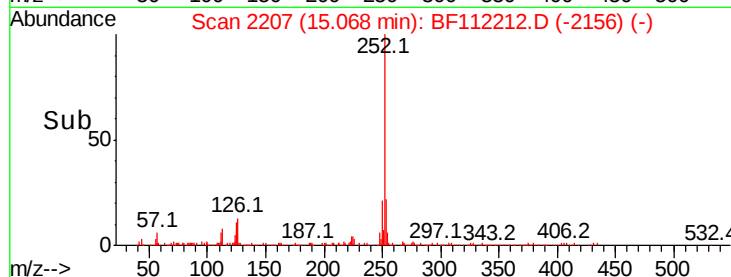
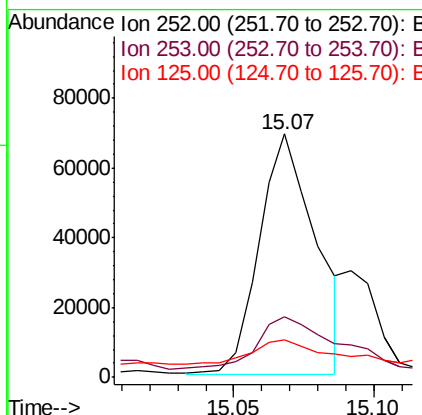
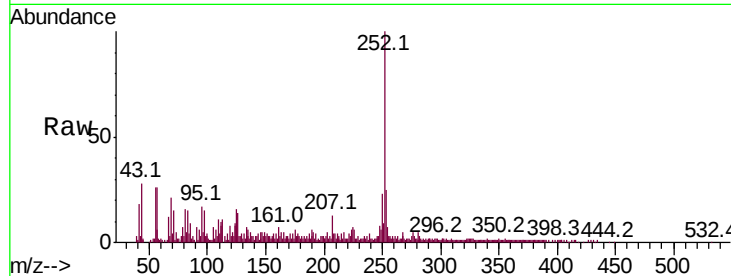
#88
Benzo(b)fluoranthene
Concen: 5.170 ng m
RT: 15.07 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF112212.D
Acq: 24 Jan 2019 16:47

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-4-012319

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.0	27.0
125	15.7	8.7	13.1

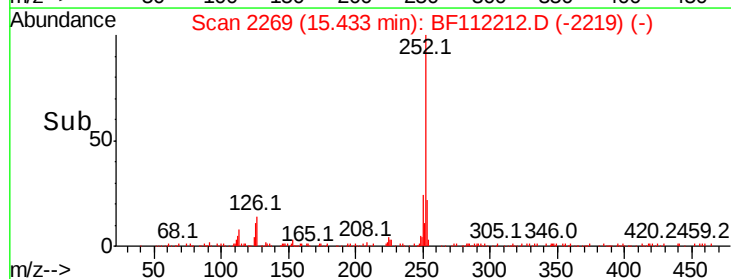
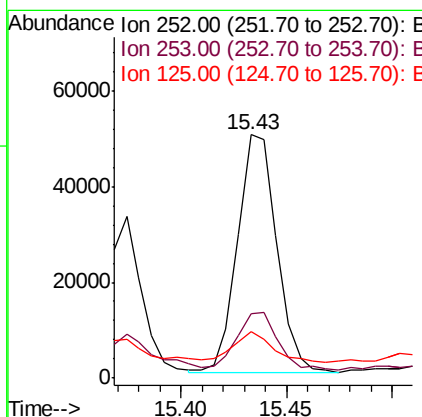
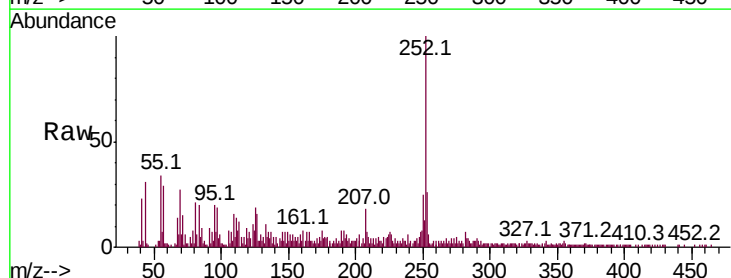
Manual Integrations
APPROVED

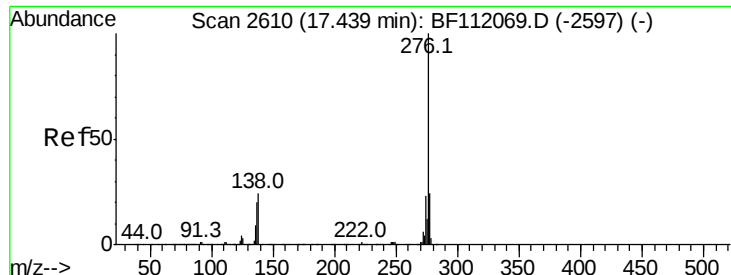
Sohil
1/25/2019 10:05:07 AM



#90
Benzo(a)pyrene
Concen: 3.716 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF112212.D
Acq: 24 Jan 2019 16:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.5	26.3
125	18.8	9.0	13.4





#92
 Benzo(a,h,i)perylene
 Concen: 2.460 ng
 RT: 17.43 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: BF112212.D
 Acq: 24 Jan 2019 16:47

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-RO-4-012319

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.8	19.4	29.0
138	27.1	19.1	28.7

Manual Integrations
 APPROVED

Sohil
 1/25/2019 10:05:07 AM

