

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114552.D
 Acq On : 24 May 2019 4:12
 Operator : JU/SJ
 Sample : K3008-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-21

Manual Integrations
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Quant Time: May 24 08:33:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	158532	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	642003	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	314586	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	593591	20.00	ng	0.00
76) Chrysene-d12	13.98	240	358620	20.00	ng	0.00
87) Perylene-d12	15.44	264	333389	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	409678	41.59	ng	0.00
7) Phenol-d6	6.46	99	595846	51.14	ng	0.00
23) Nitrobenzene-d5	7.37	82	359088	31.39	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	109994	33.82	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	706255	33.96	ng	0.00
79) Terphenyl-d14	12.92	244	625589	35.96	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	9.56	163	104952	4.545	ng	98
71) Phenanthrene	11.36	178	263087	9.110	ng	97
75) Fluoranthene	12.55	202	375094	12.061	ng	100
78) Pyrene	12.78	202	327396	11.349	ng	99
81) Benzo(a)anthracene	13.97	228	155860	6.719	ng	99
83) Chrysene	14.01	228	146971	6.464	ng	96
86) Indeno(1,2,3-cd)pyrene	16.92	276	63926	3.181	ng	# 94
88) Benzo(b)fluoranthene	15.02	252	178299m	8.348	ng	
89) Benzo(k)fluoranthene	15.04	252	60907m	3.104	ng	
90) Benzo(a)pyrene	15.39	252	120464	6.409	ng	# 94
92) Benzo(g,h,i)perylene	17.37	276	60061	3.837	ng	97

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

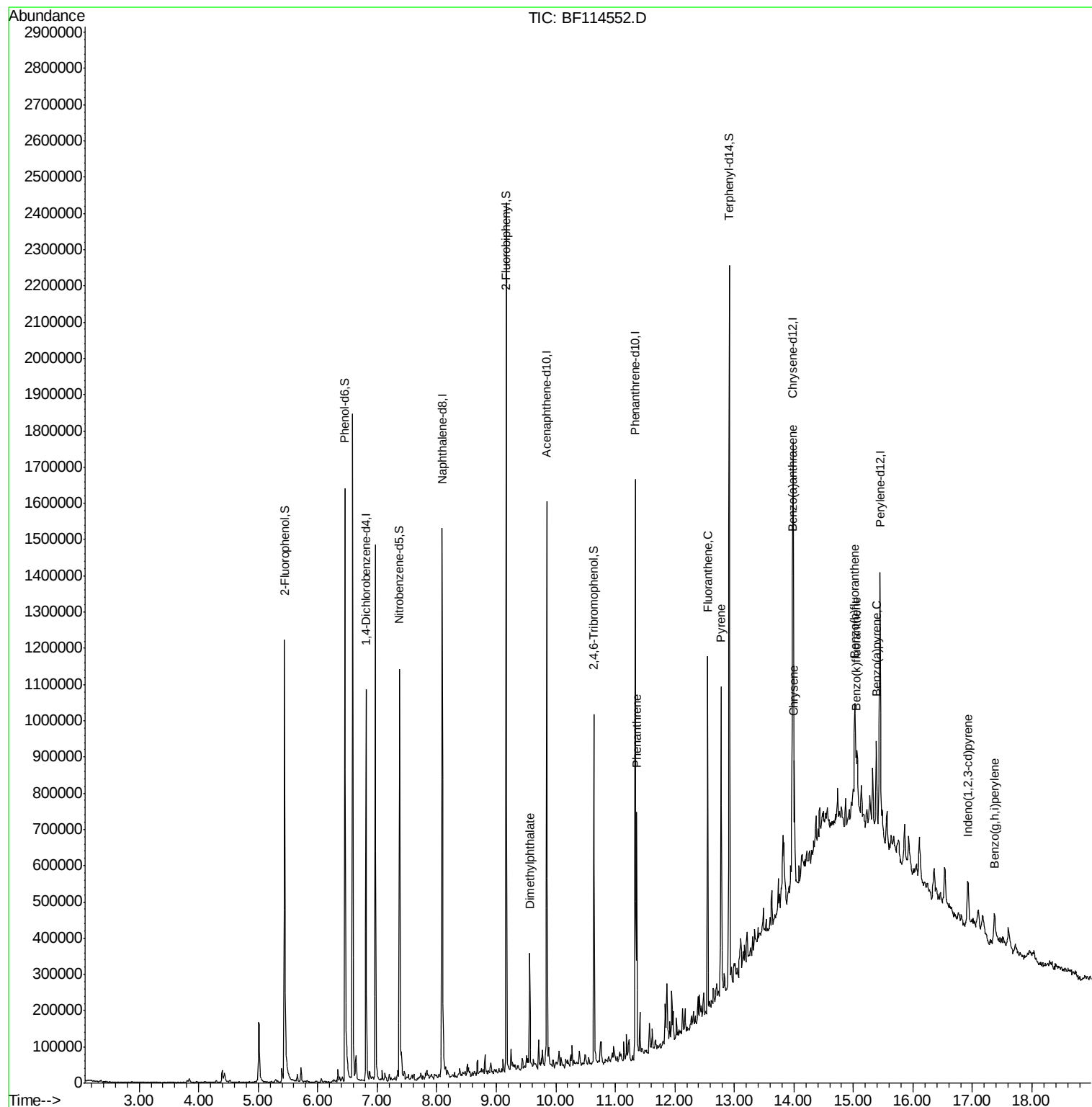
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
Data File : BF114552.D
Acq On : 24 May 2019 4:12
Operator : JU/SJ
Sample : K3008-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

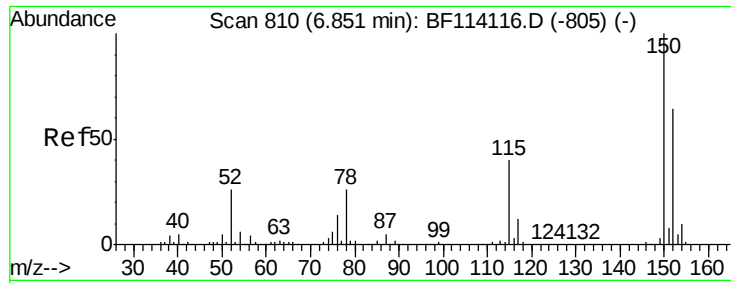
Instrument :
BNA_F
ClientSampleId :
COMP-21

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Quant Time: May 24 08:33:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

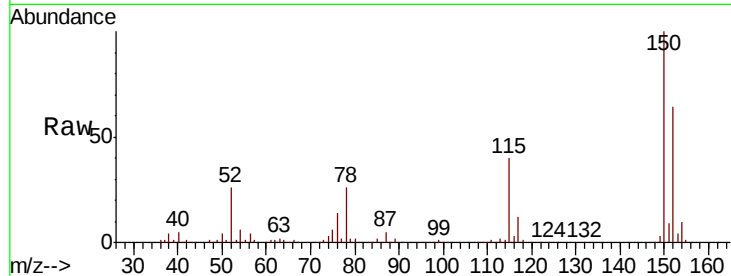
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114552.D
Acq: 24 May 2019 4:12

Instrument :
BNA_F
ClientSampleId :
COMP-21

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.3	186.5
115	61.7	49.1	73.7

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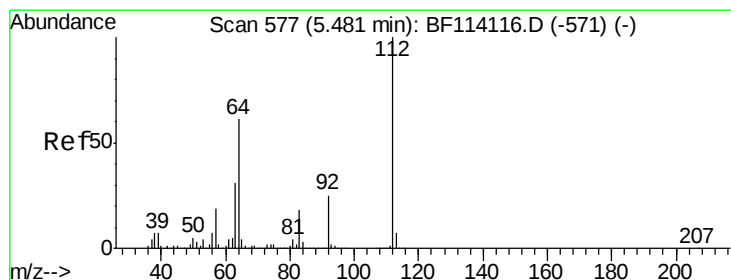
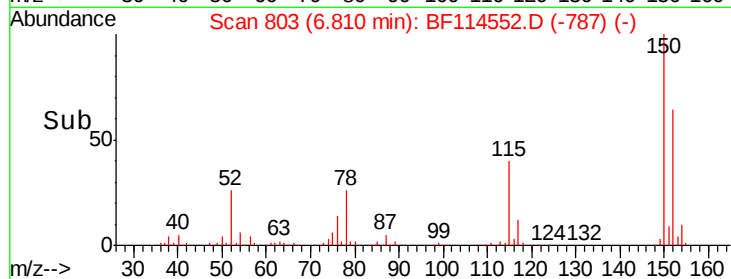
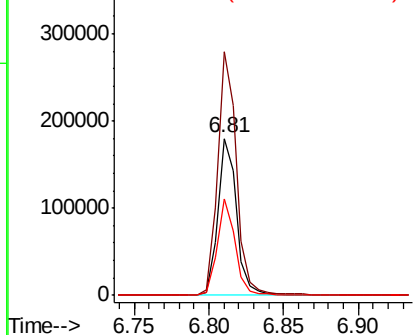


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

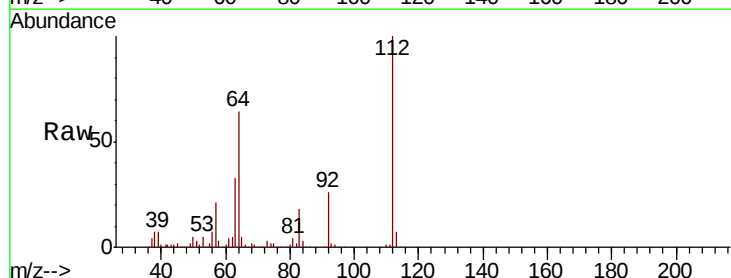
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 41.586 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF114552.D
Acq: 24 May 2019 4:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.0	49.0	73.6
63	33.1	24.6	37.0

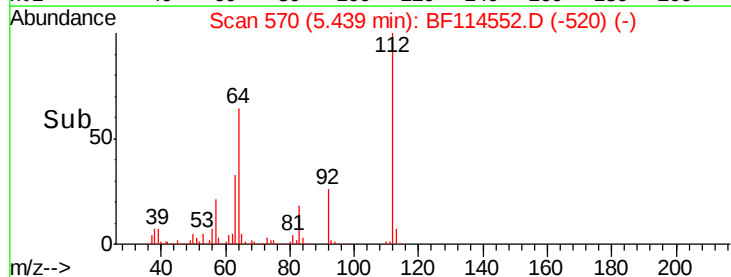
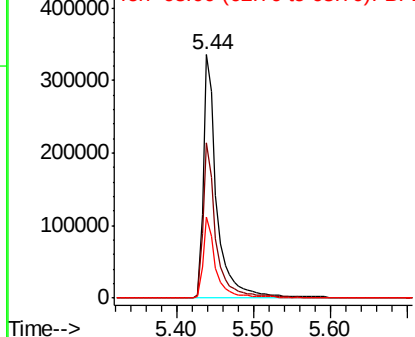


Abundance

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: 51.140 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF114552.D

Acq: 24 May 2019 4:12

Instrument :

BNA_F

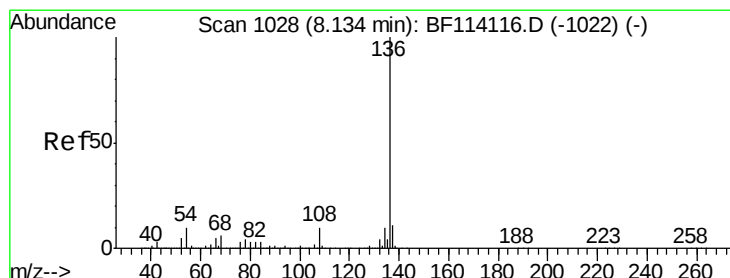
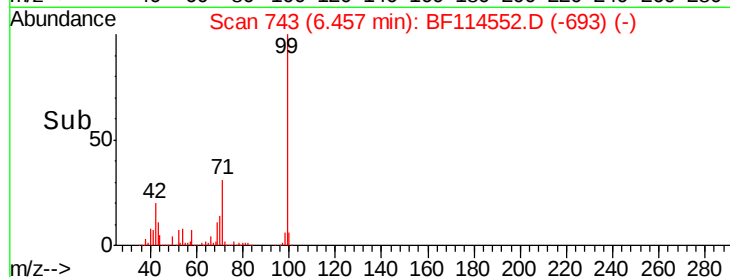
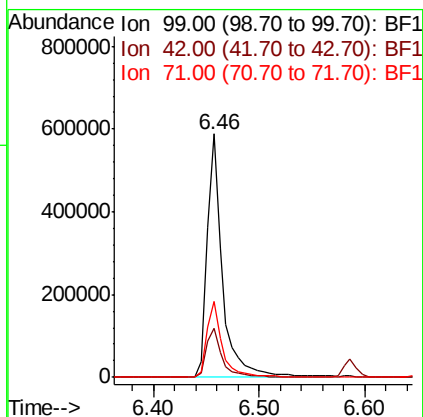
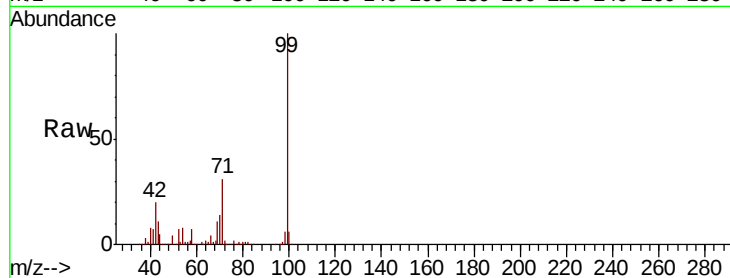
ClientSampleId :

COMP-21

Tot Ion:	99	Resp:	595846
Ion Ratio	Lower	Upper	
99	100		
42	20.4	17.9	26.9
71	31.1	26.2	39.2

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#21

Naphthalene-d8

Concen: 20.000 ng

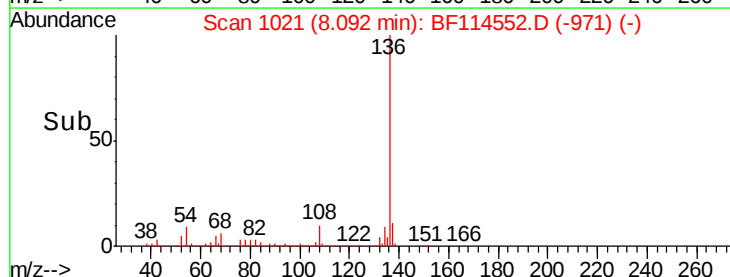
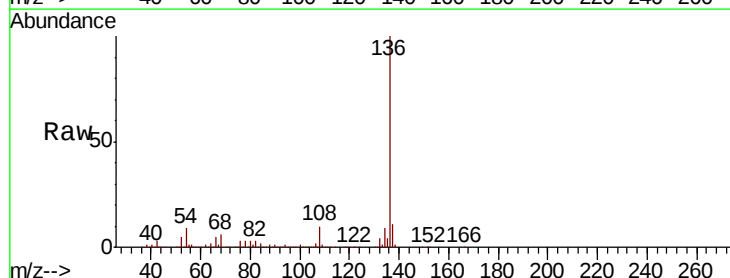
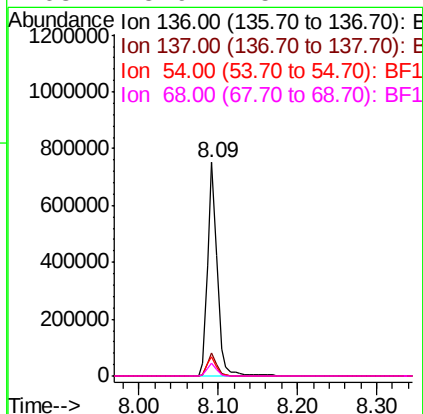
RT: 8.09 min Scan# 1021

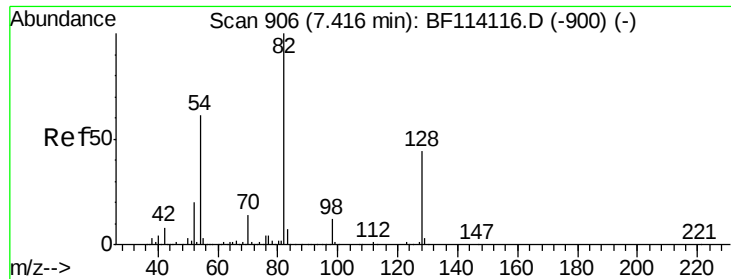
Delta R.T. -0.01 min

Lab File: BF114552.D

Acq: 24 May 2019 4:12

Tgt Ion:	136	Resp:	642003
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	9.2	7.8	11.8
68	5.9	5.1	7.7





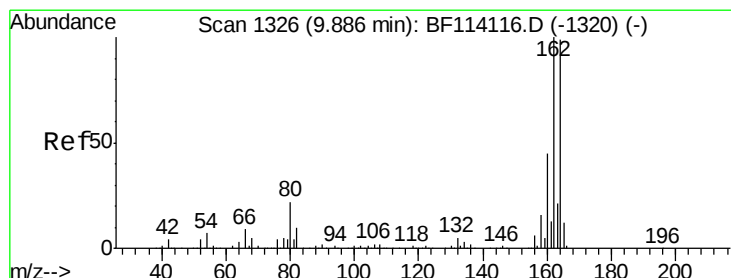
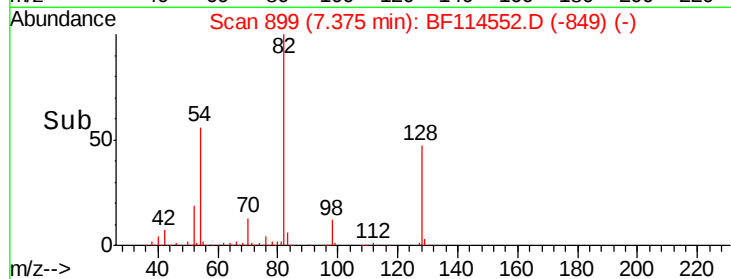
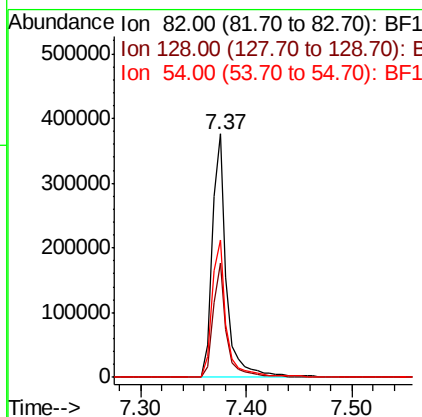
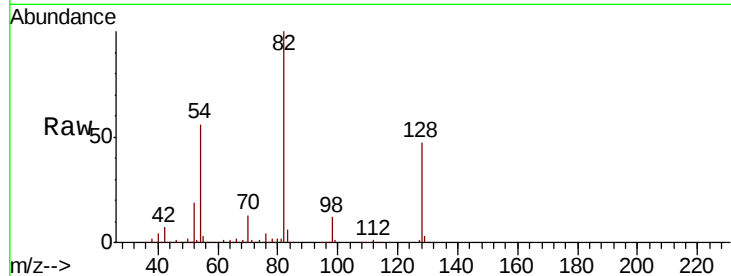
#23
Nitrobenzene-d5
Concen: 31.389 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114552.D
Acq: 24 May 2019 4:12

Instrument :
BNA_F
ClientSampled :
COMP-21

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	35.5	53.3
54	56.4	48.5	72.7

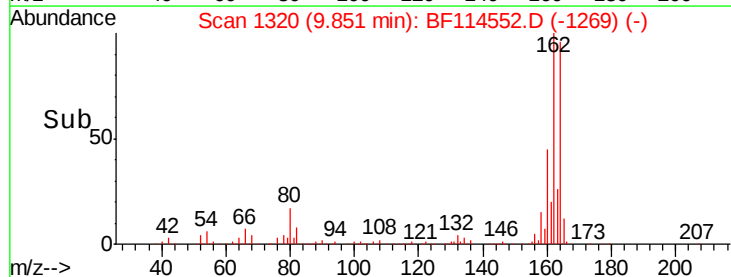
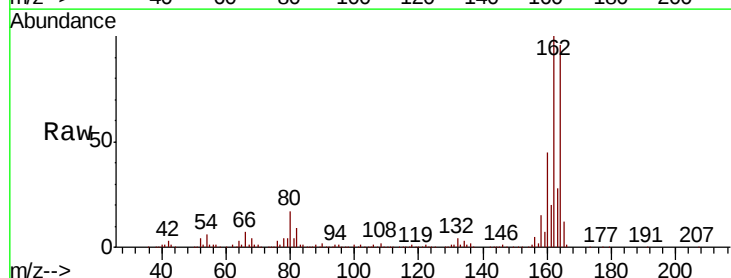
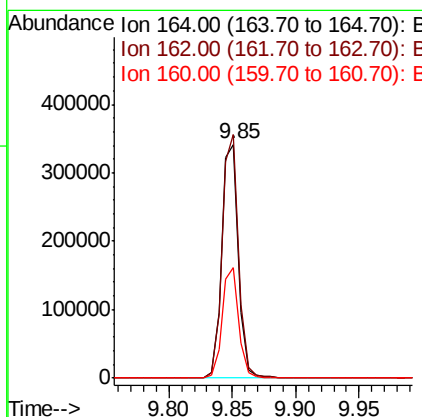
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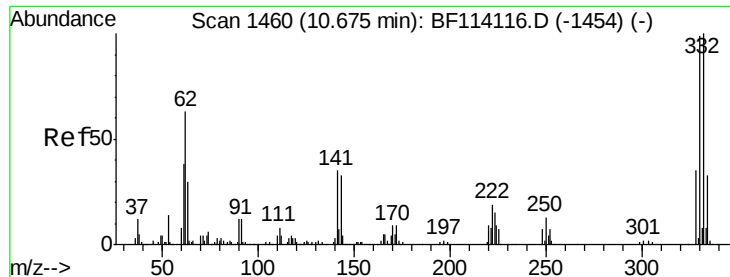
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF114552.D
Acq: 24 May 2019 4:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	80.6	120.8
160	47.2	36.5	54.7





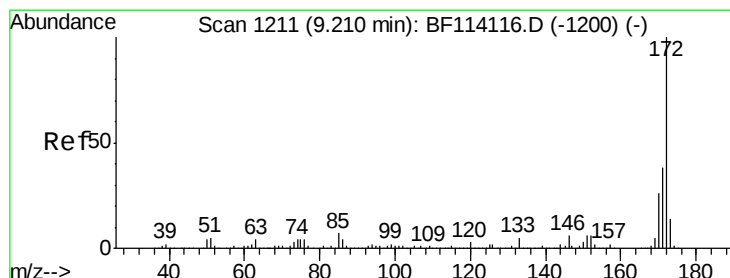
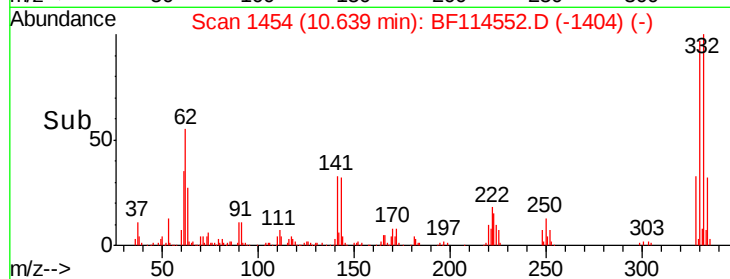
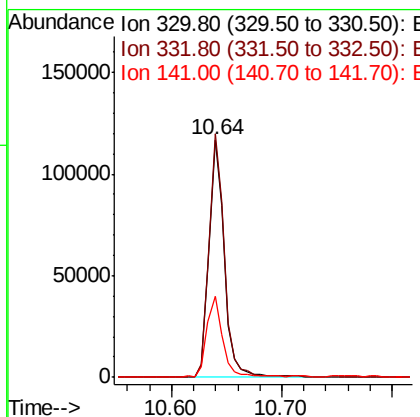
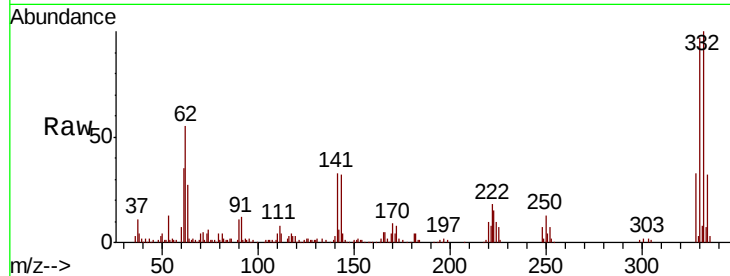
#42
 2,4,6-Tribromophenol
 Concen: 33.820 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF114552.D
 Acq: 24 May 2019 4:12

Instrument :
 BNA_F
 ClientSampleId :
 COMP-21

Tot Ion	Ratio	Resp	Lower	Upper
330	100	109994		
332	102.3	81.4	122.2	
141	36.4	26.6	40.0	

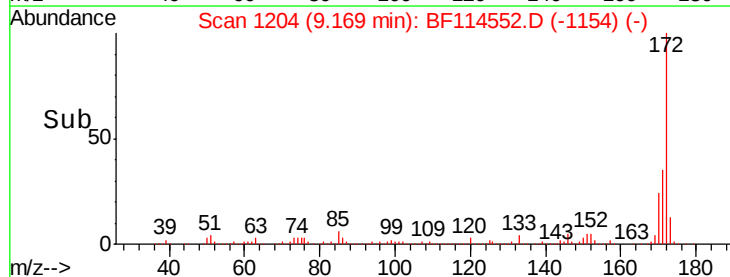
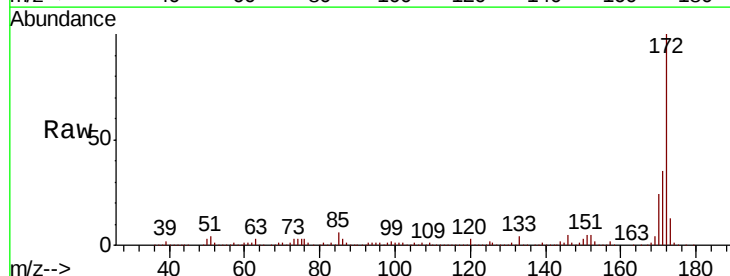
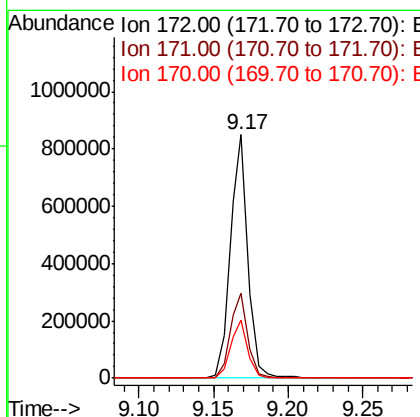
Manual Integrations
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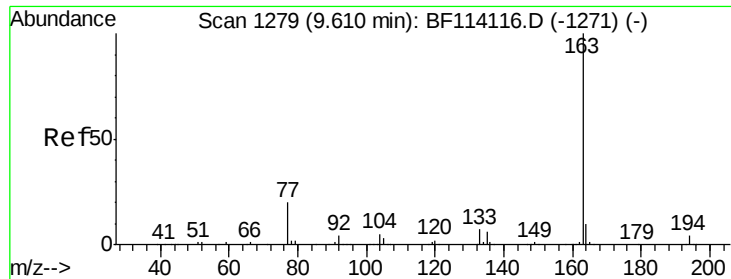
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#45
 2-Fluorobiphenyl
 Concen: 33.960 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114552.D
 Acq: 24 May 2019 4:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	706255		
171	34.7	30.7	46.1	
170	24.0	20.5	30.7	





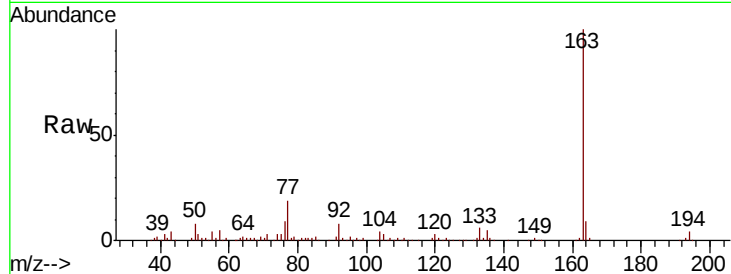
#50
Dimethylphthalate
Concen: 4.545 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF114552.D
Acq: 24 May 2019 4:12

Instrument :
BNA_F
ClientSampleId :
COMP-21

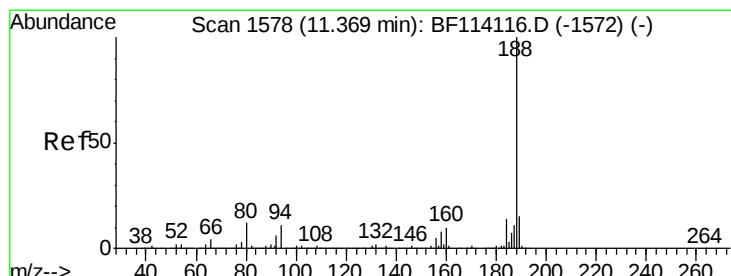
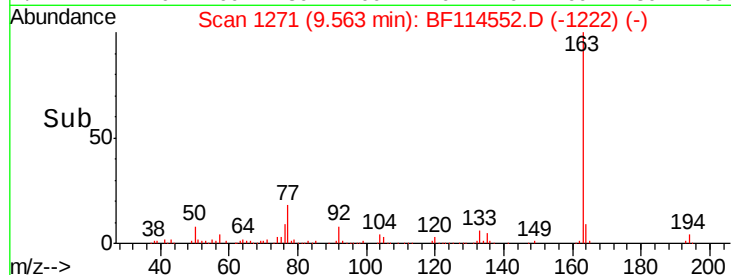
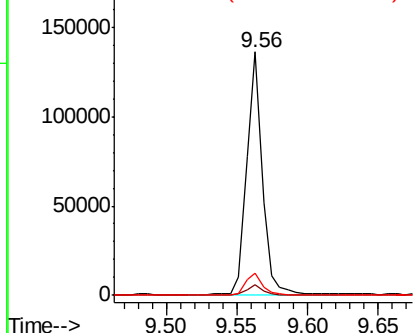
Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	4.1		3.4	5.0	
164	9.2		8.2	12.2	

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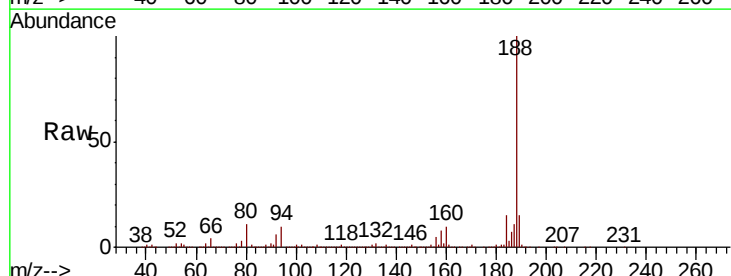


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

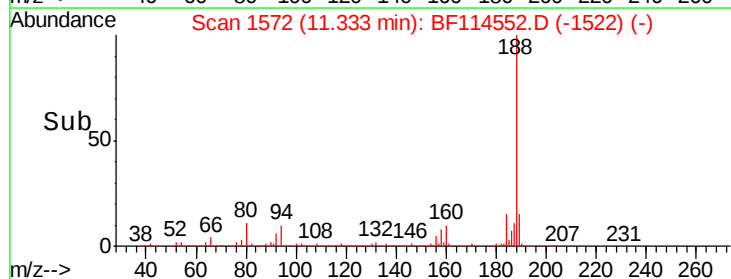
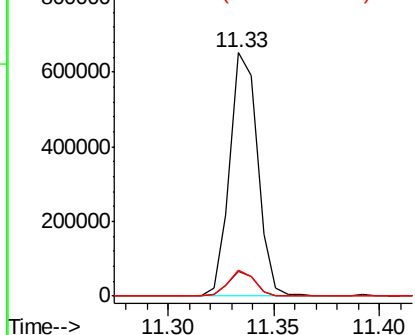


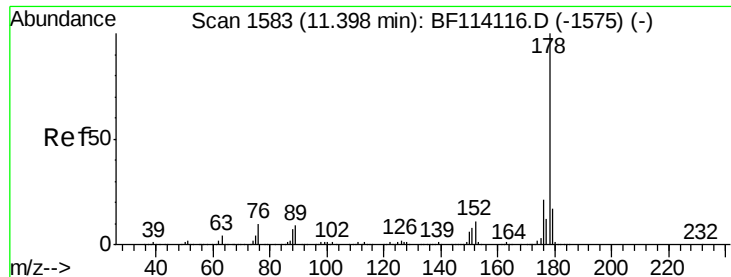
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF114552.D
Acq: 24 May 2019 4:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.0		8.4	12.6	
80	10.8		9.2	13.8	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





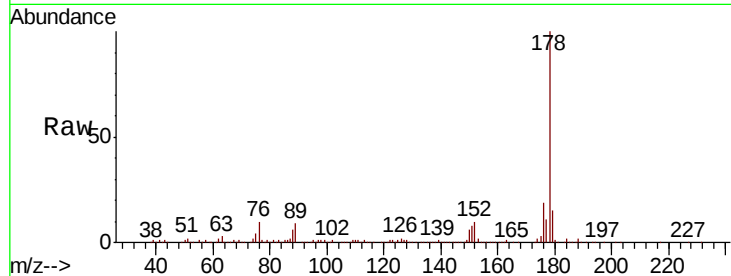
#71
Phenanthrene
Concen: 9.110 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF114552.D
Acq: 24 May 2019 4:12

Instrument :
BNA_F
ClientSampleId :
COMP-21

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.4	24.6
179	15.4	13.2	19.8

Manual Integrations
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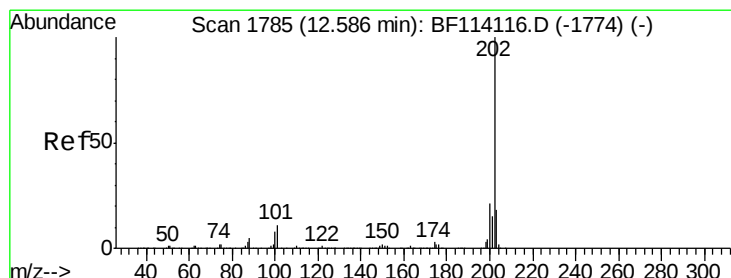
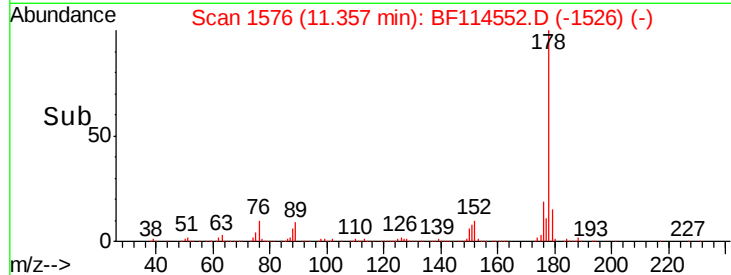
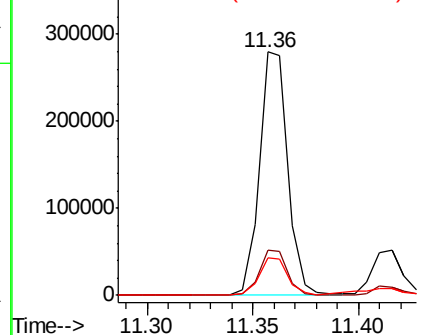


Abundance

Ion 178.00 (177.70 to 178.70): E

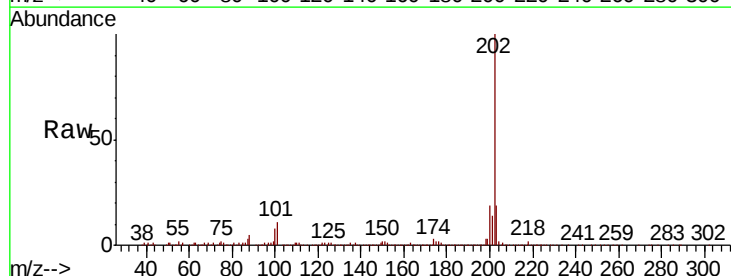
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75
Fluoranthene
Concen: 12.061 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.00 min
Lab File: BF114552.D
Acq: 24 May 2019 4:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.0
203	18.5	0.0	38.4

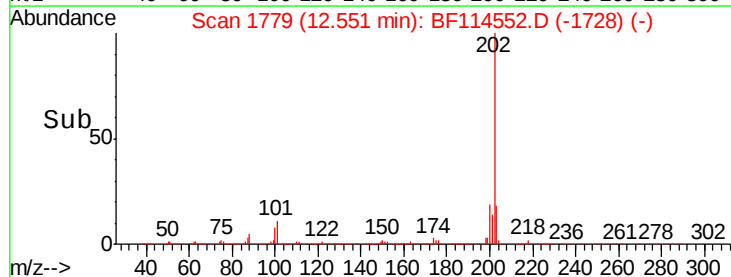
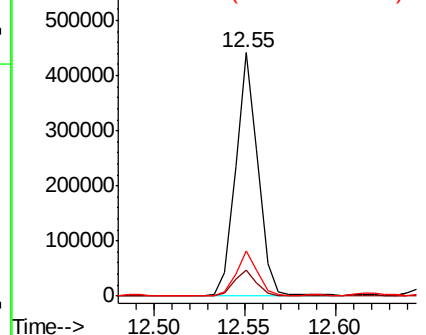


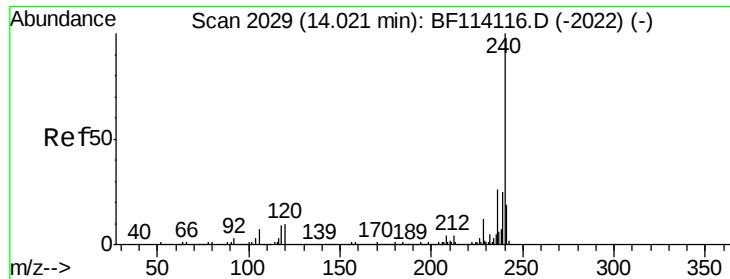
Abundance

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





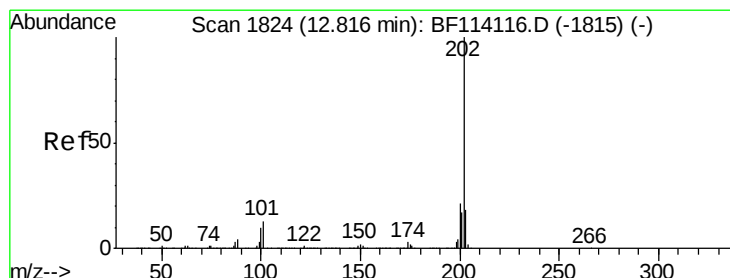
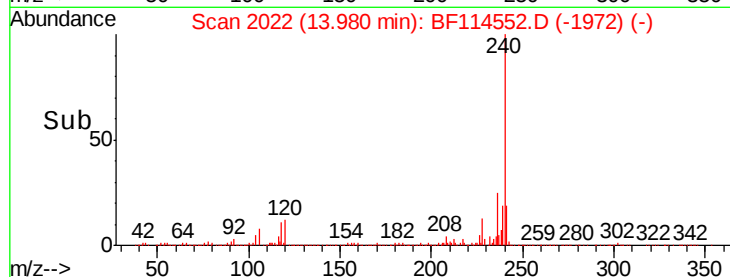
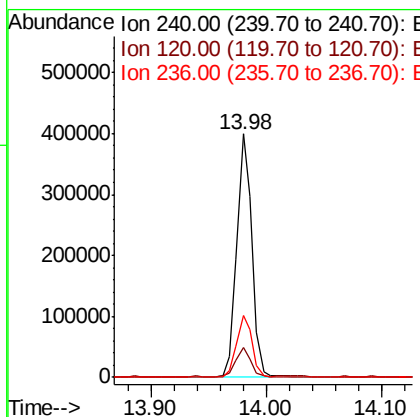
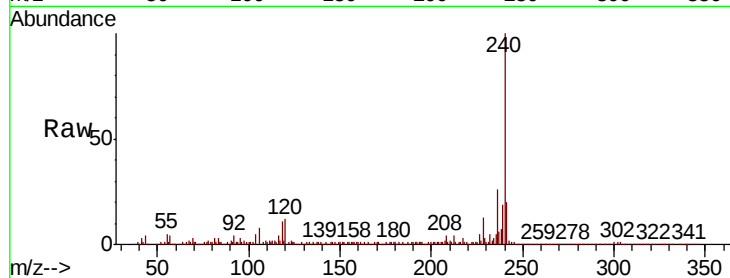
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF114552.D
Acq: 24 May 2019 4:12

Instrument :
BNA_F
ClientSampled :
COMP-21

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	12.3	8.3	12.5
236	25.6	20.8	31.2

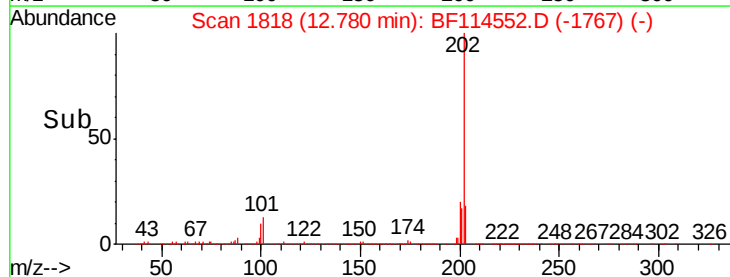
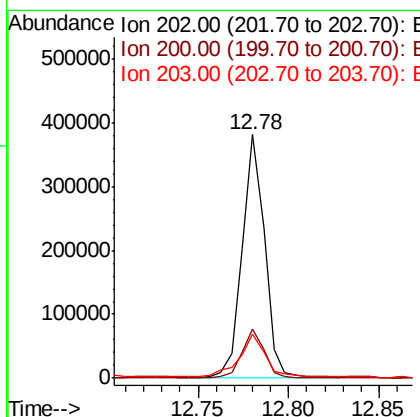
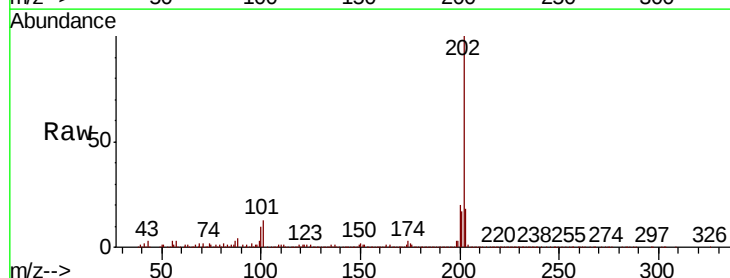
Manual Integrations
APPROVED

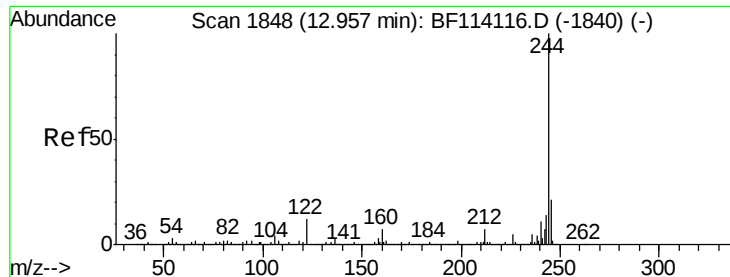
mohammad
5/24/2019 1:36:59 PM



#78
Pyrene
Concen: 11.349 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF114552.D
Acq: 24 May 2019 4:12

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	20.0	16.9	25.3
203	18.1	14.5	21.7





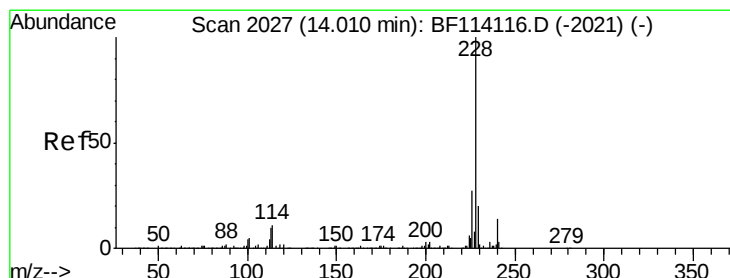
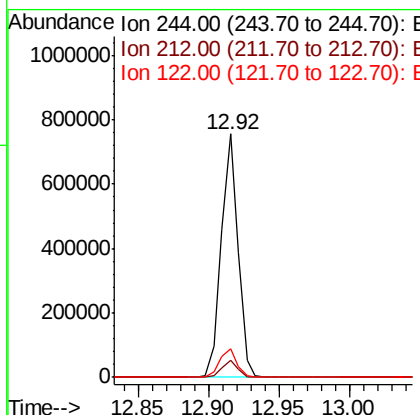
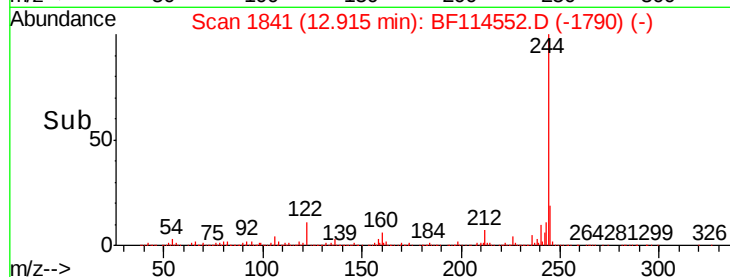
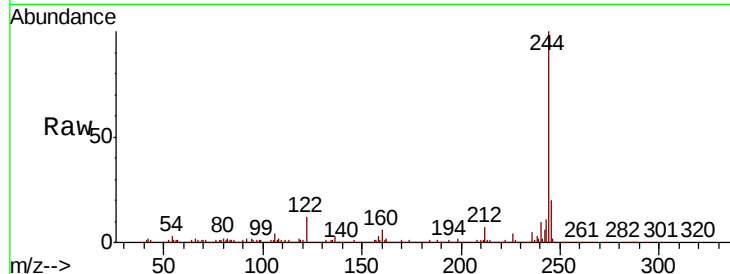
#79
 Terphenyl-d14
 Concen: 35.960 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF114552.D
 Acq: 24 May 2019 4:12

Instrument :
 BNA_F
 ClientSampleId :
 COMP-21

Tot Ion:	244	Resp:	625589
Ion Ratio		Lower	Upper
244	100		
212	6.8	5.8	8.6
122	11.5	9.4	14.2

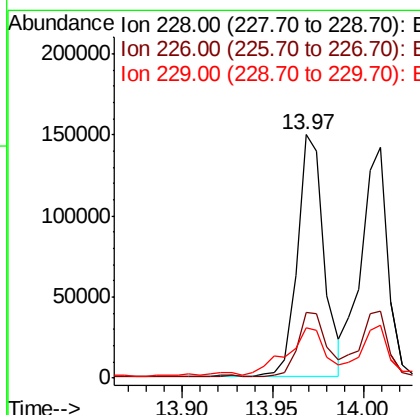
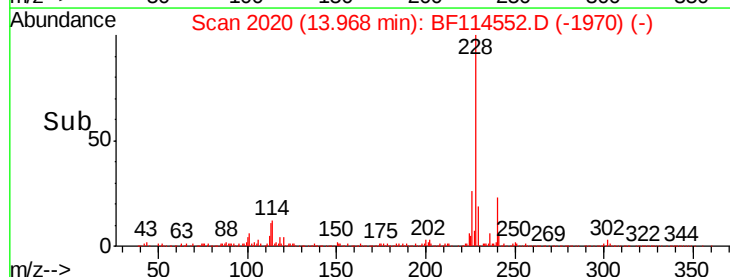
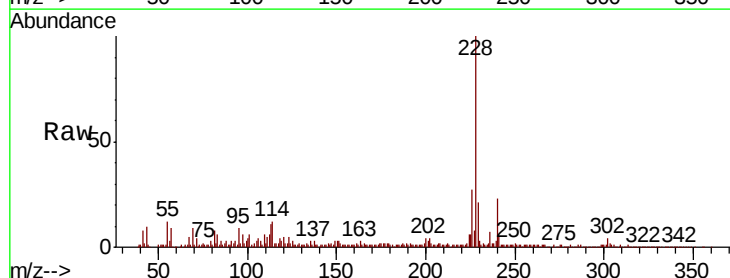
Manual Integrations
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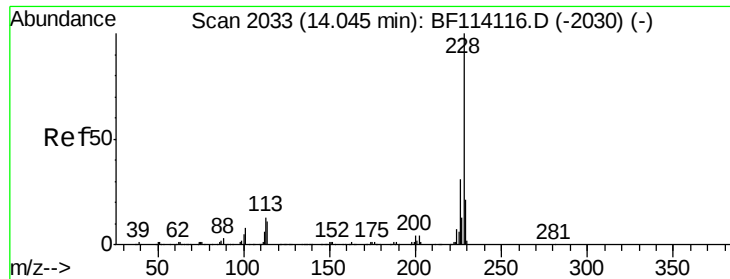
mohammad
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#81
 Benzo(a)anthracene
 Concen: 6.719 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF114552.D
 Acq: 24 May 2019 4:12

Tgt Ion:	228	Resp:	155860
Ion Ratio		Lower	Upper
228	100		
226	27.0	22.2	33.2
229	20.6	16.4	24.6





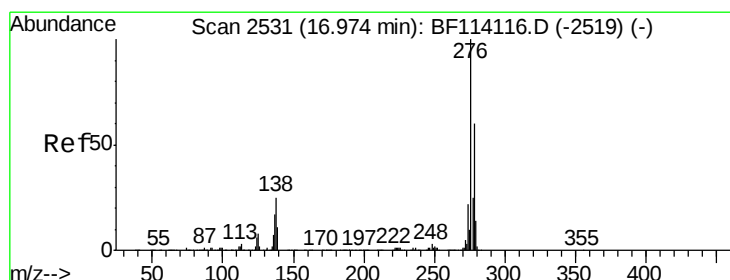
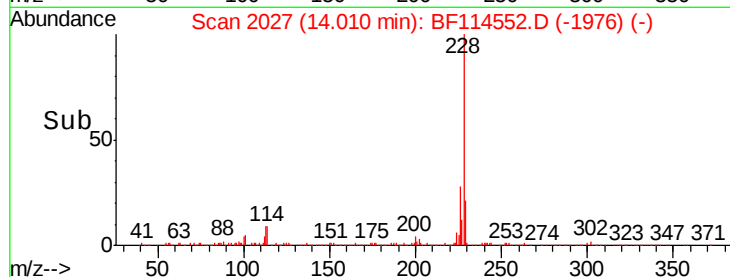
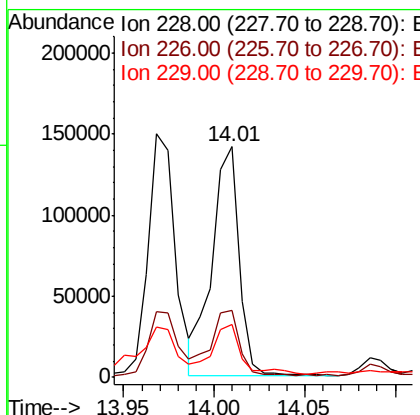
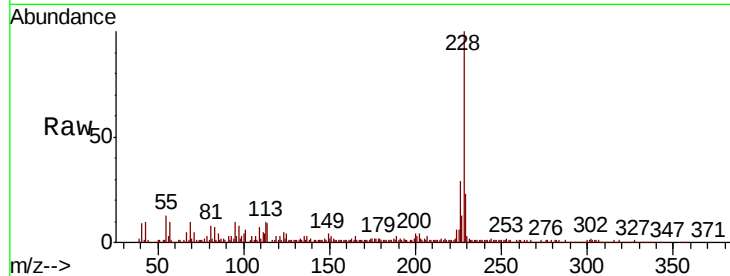
#83
Chrysene
Concen: 6.464 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF114552.D
Acq: 24 May 2019 4:12

Instrument :
BNA_F
ClientSampleId :
COMP-21

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.0	37.6
229	22.7	17.0	25.6

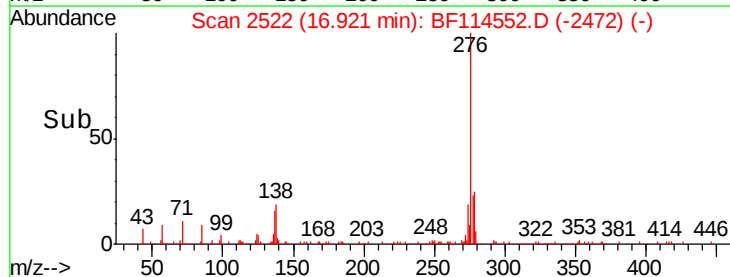
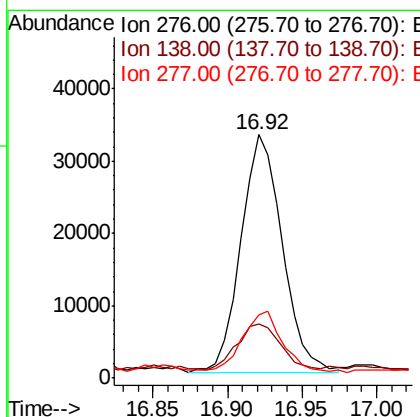
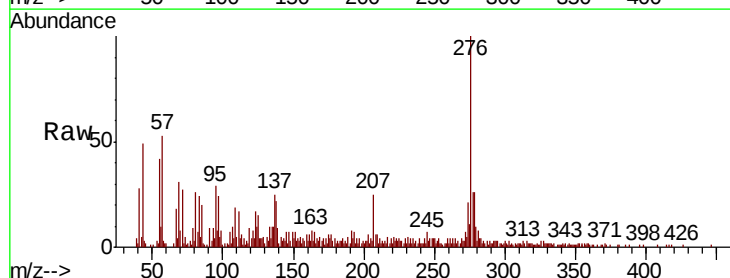
Manual Integrations
APPROVED

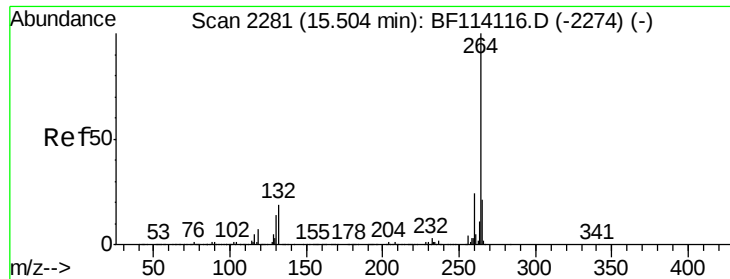
mohammad
5/24/2019 1:36:59 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 3.181 ng
RT: 16.92 min Scan# 2522
Delta R.T. -0.01 min
Lab File: BF114552.D
Acq: 24 May 2019 4:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.1	20.2	30.2#
277	24.4	20.0	30.0





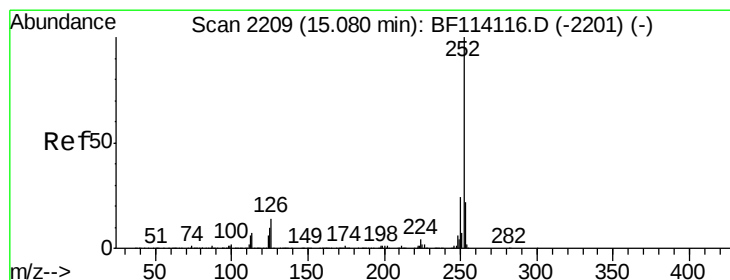
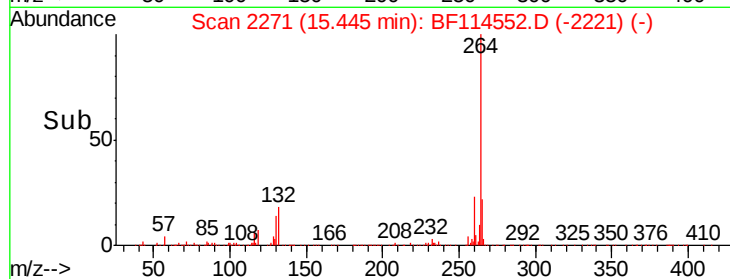
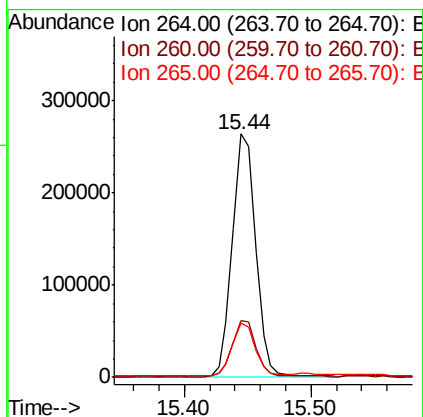
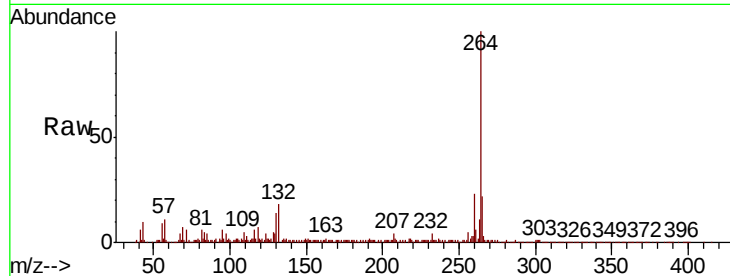
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF114552.D
Acq: 24 May 2019 4:12

Instrument :
BNA_F
ClientSampleId :
COMP-21

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.1	19.4	29.0	
265	22.0	16.9	25.3	

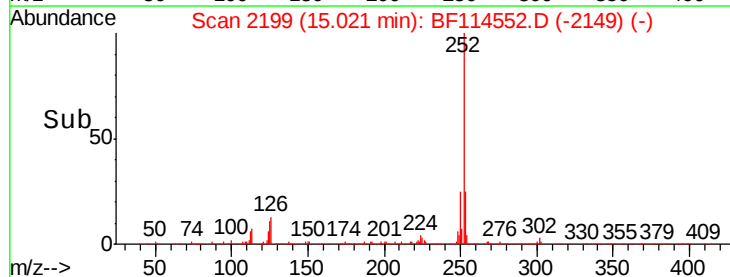
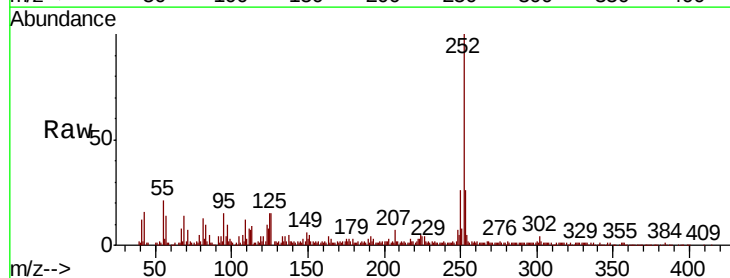
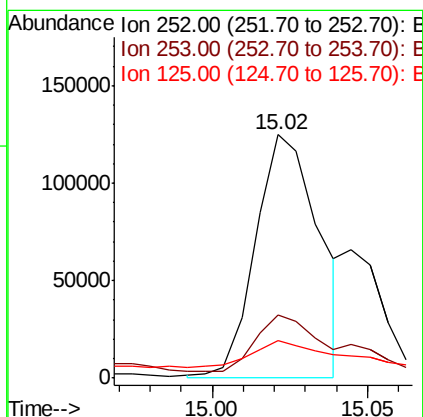
Manual Integrations
APPROVED

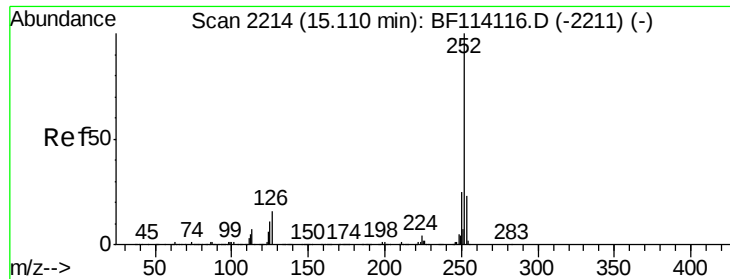
mohammad
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#88
Benzo(b)fluoranthene
Concen: 8.348 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF114552.D
Acq: 24 May 2019 4:12

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	26.1	17.8	26.8	
125	15.4	8.3	12.5#	





#89

Benzo(k)fluoranthene

Concen: 3.104 ng m

RT: 15.04 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BF114552.D

Acq: 24 May 2019 4:12

Instrument :

BNA_F

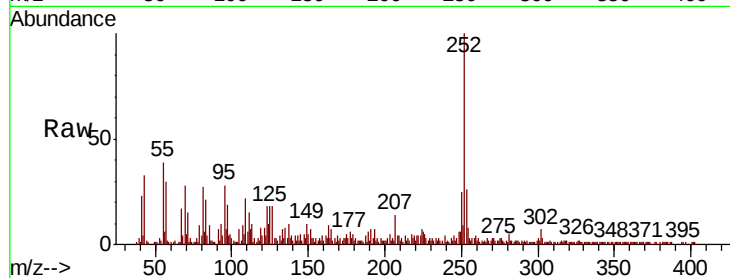
ClientSampleId :

COMP-21

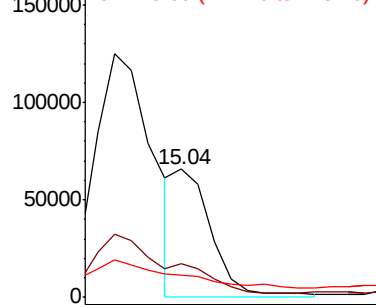
Tot Ion:	252	Resp:	60907
Ion Ratio	Lower	Upper	
252	100		
253	26.1	18.2	27.2
125	17.6	8.6	13.0#

Manual Integrations
APPROVED

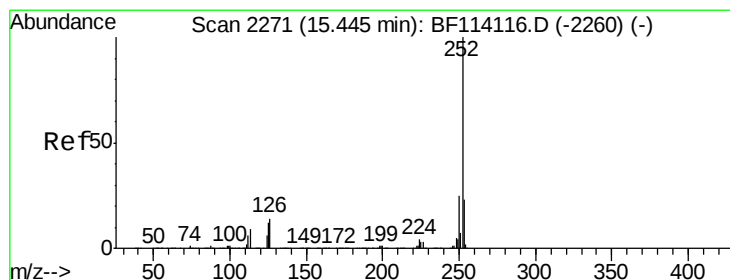
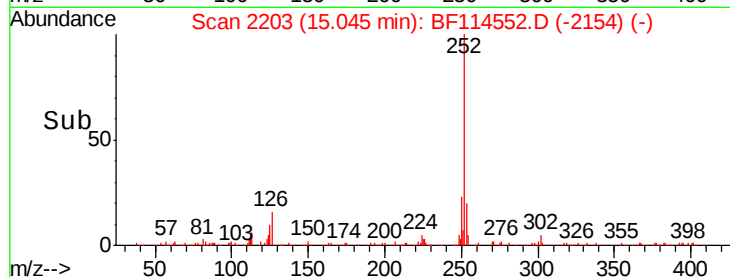
mohammad
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->



#90

Benzo(a)pyrene

Concen: 6.409 ng

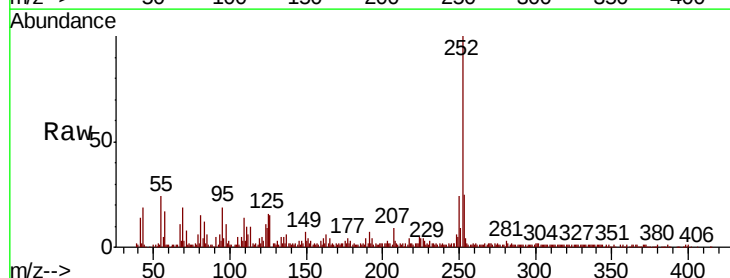
RT: 15.39 min Scan# 2261

Delta R.T. -0.01 min

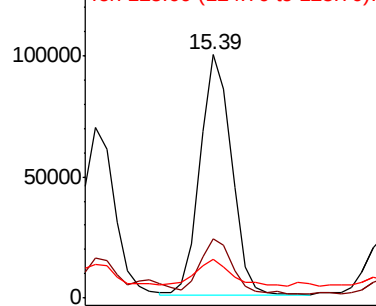
Lab File: BF114552.D

Acq: 24 May 2019 4:12

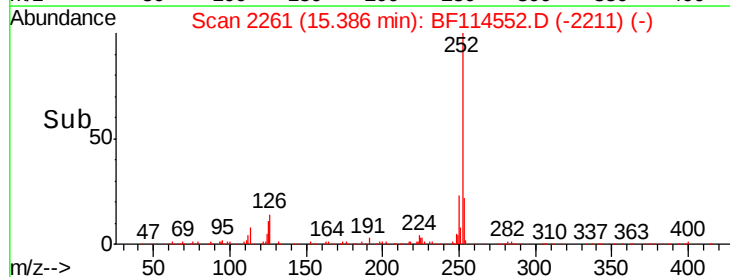
Tgt Ion:	252	Resp:	120464
Ion Ratio	Lower	Upper	
252	100		
253	24.5	18.1	27.1
125	16.1	9.5	14.3#

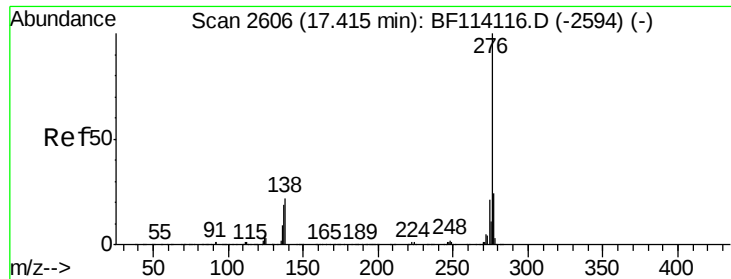


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





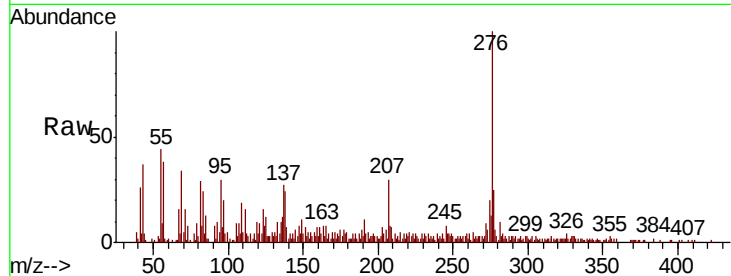
#92
 Benzo(a,h,i)perylene
 Concen: 3.837 ng
 RT: 17.37 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BF114552.D
 Acq: 24 May 2019 4:12

Instrument :
 BNA_F
 ClientSampleId :
 COMP-21

Tot Ion:	276	Resp:	60061
Ion Ratio	Lower	Upper	
276	100		
277	24.9	19.0	28.4
138	23.8	17.8	26.6

Manual Integrations
 APPROVED

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 5/24/2019 1:36:59 PM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

