

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
 Data File : BF114671.D
 Acq On : 30 May 2019 20:22
 Operator : HP/JU
 Sample : K3065-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-16-COMP

Manual Integrations
 APPROVED

mohammad
 6/3/2019 8:47:18 AM

Quant Time: May 31 06:58:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	390841	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1503030	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	757786	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1478944	20.00	ng	0.00
76) Chrysene-d12	13.81	240	956415	20.00	ng	0.00
87) Perylene-d12	15.20	264	1048003	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	909436	40.85	ng	0.00
7) Phenol-d6	6.33	99	2159265	80.49	ng	0.00
23) Nitrobenzene-d5	7.25	82	1452577	60.29	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	185652	25.71	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2385345	53.13	ng	0.00
79) Terphenyl-d14	12.77	244	2378384	46.75	ng	0.00
Target Compounds						
10) Phenol	6.33	94	75200	2.321	ng	96
50) Dimethylphthalate	9.44	163	220692	4.179	ng	98
75) Fluoranthene	12.39	202	217142	2.780	ng	98
78) Pyrene	12.62	202	242933	3.003	ng	95
88) Benzo(b)fluoranthene	14.81	252	135997m	2.060	ng	

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

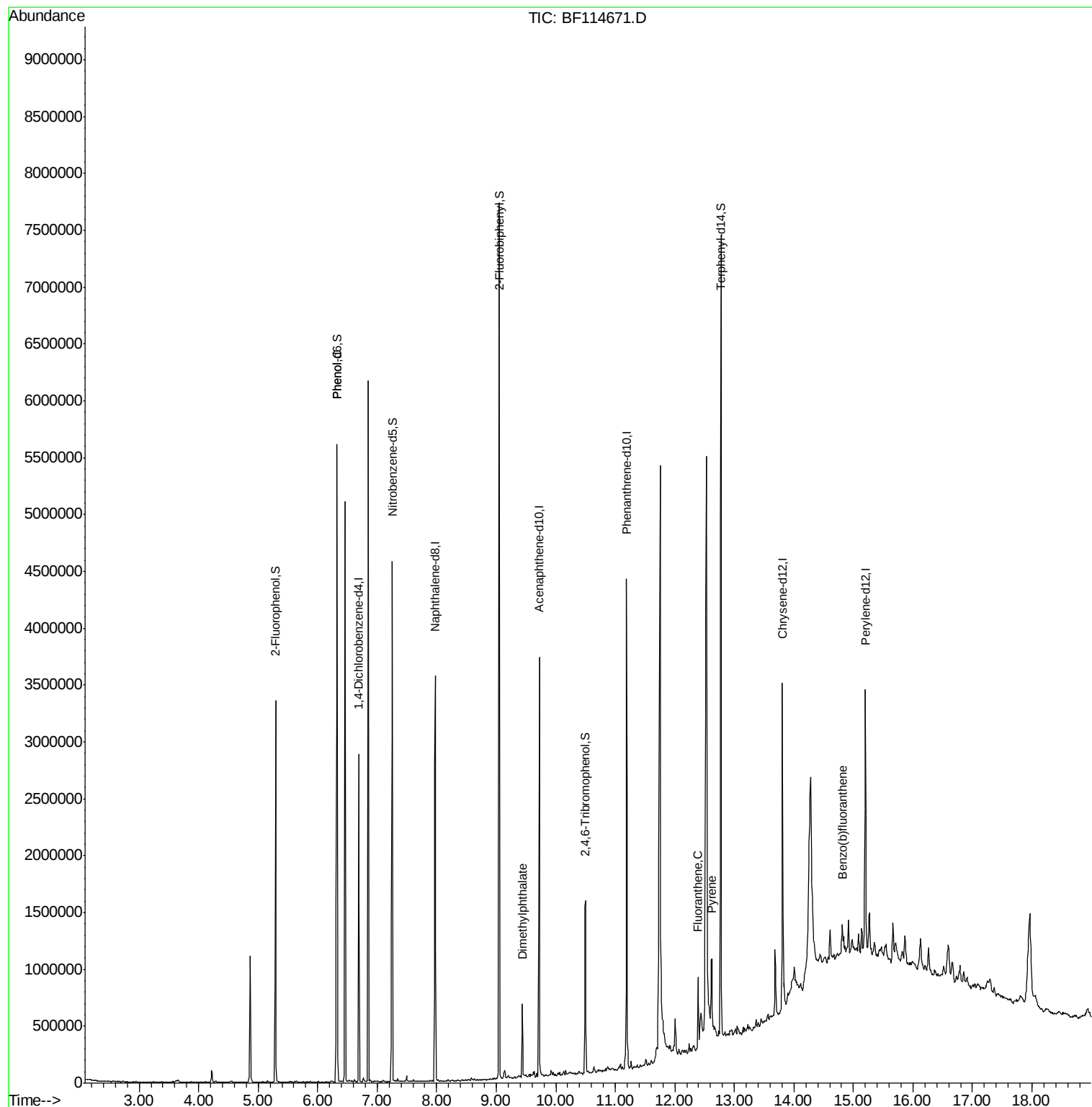
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
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Quant Time: May 31 06:58:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
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#1

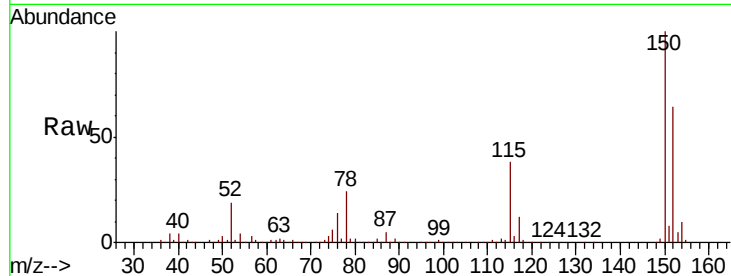
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114671.D
Acq: 30 May 2019 20:22

Instrument :
BNA_F
ClientSampleId :
B-16-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.4	186.6
115	59.5	48.7	73.1

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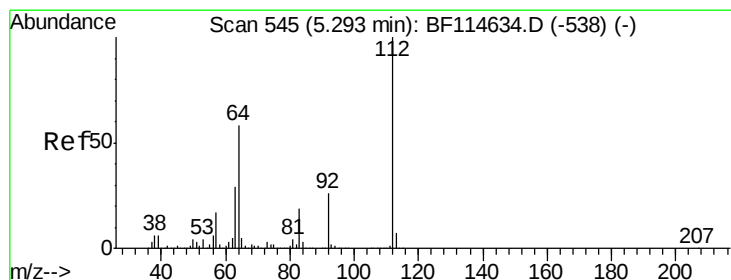
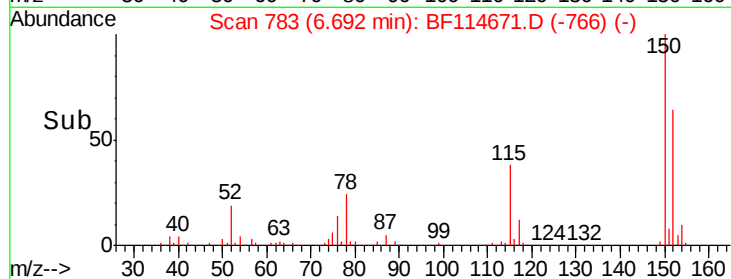
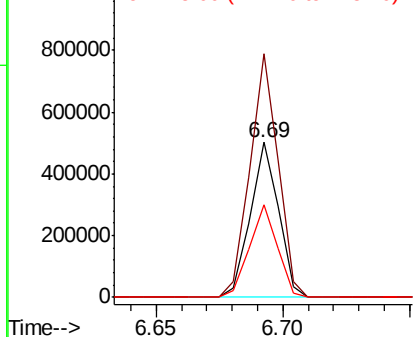


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

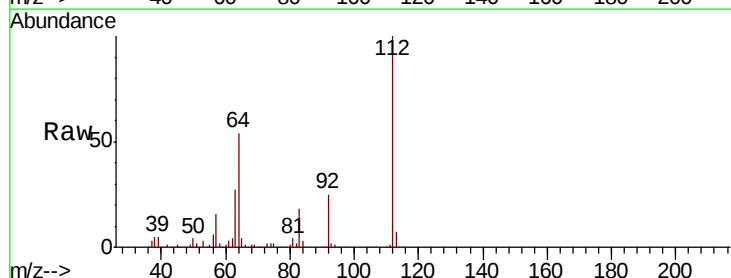
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 40.853 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF114671.D
Acq: 30 May 2019 20:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	46.1	69.1
63	27.4	23.4	35.2

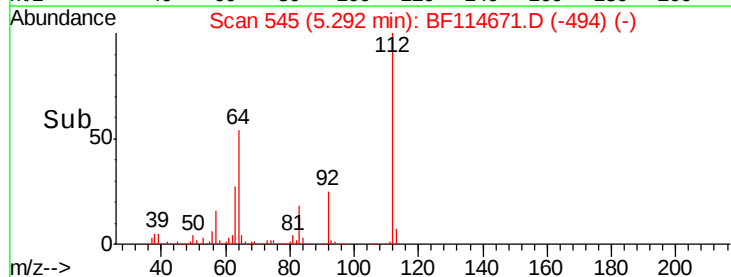
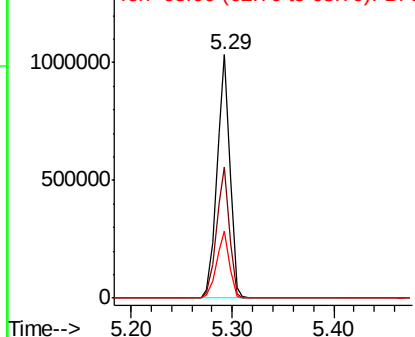


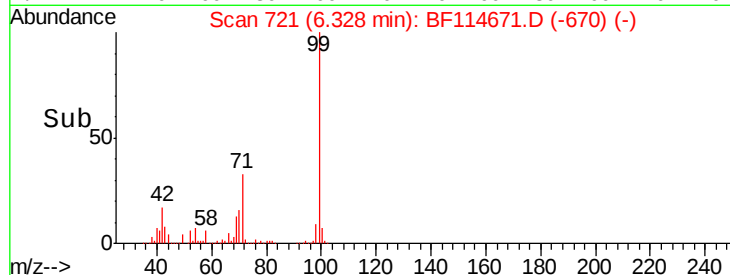
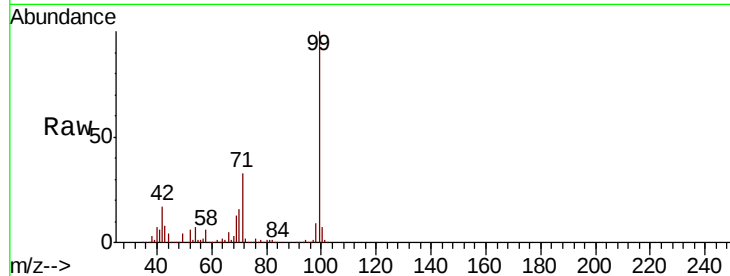
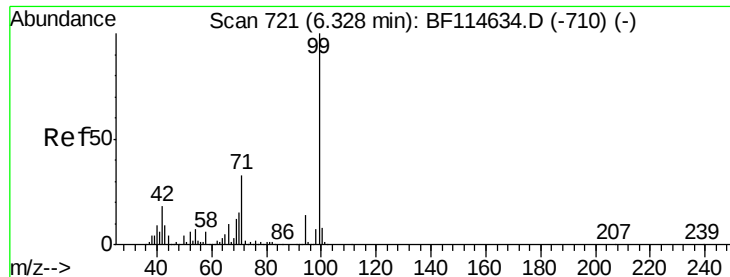
Abundance

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: 80.493 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF114671.D

Acq: 30 May 2019 20:22

Tot Ion:	99	Resp:	2159265
Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.7	22.1
71	33.0	26.6	40.0

Instrument :

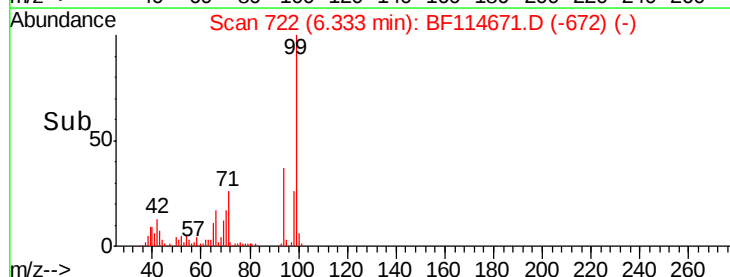
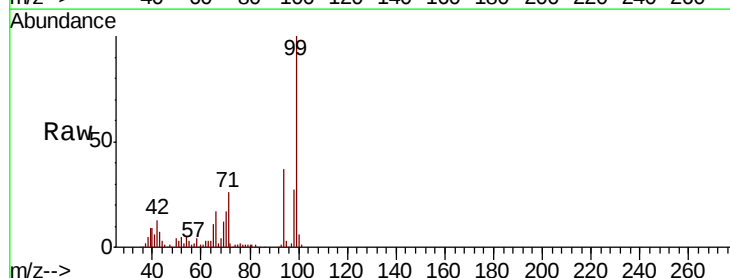
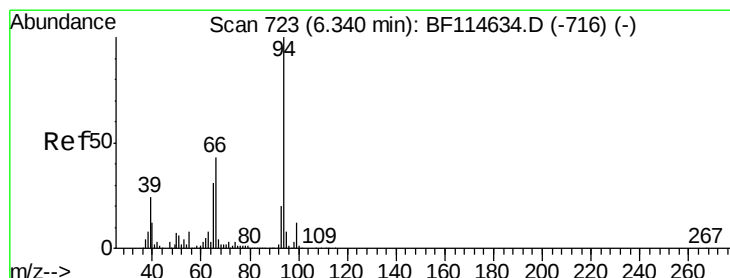
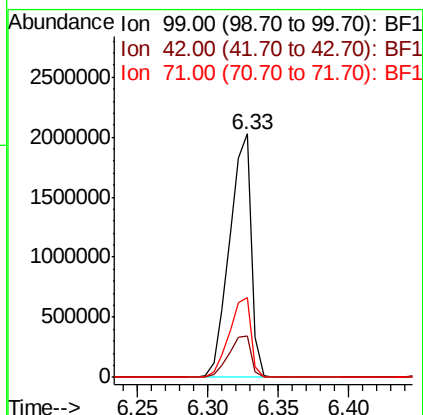
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#10

Phenol

Concen: 2.321 ng

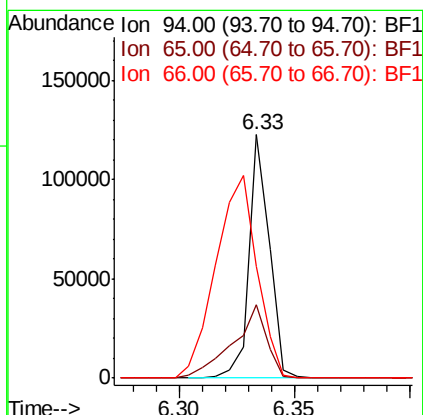
RT: 6.33 min Scan# 722

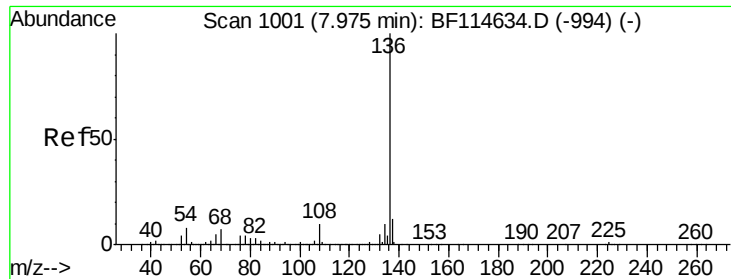
Delta R.T. -0.01 min

Lab File: BF114671.D

Acq: 30 May 2019 20:22

Tgt Ion:	94	Resp:	75200
Ion	Ratio	Lower	Upper
94	100		
65	29.9	11.0	51.0
66	46.1	23.0	63.0





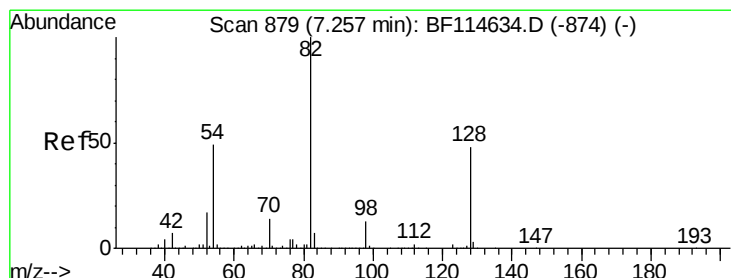
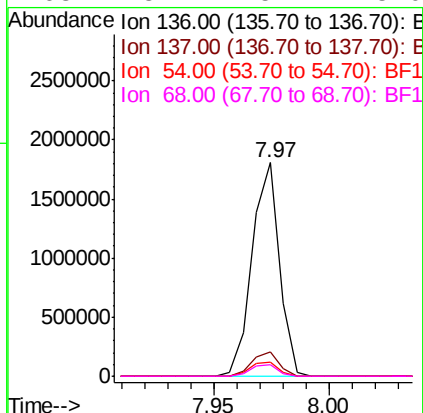
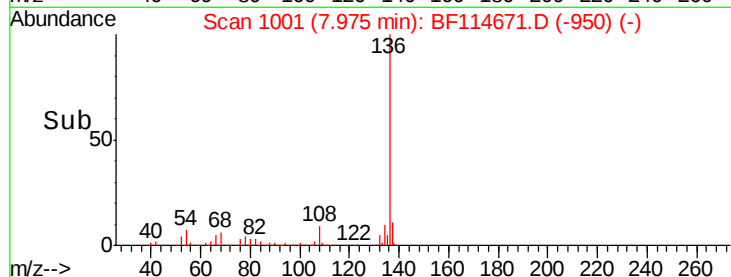
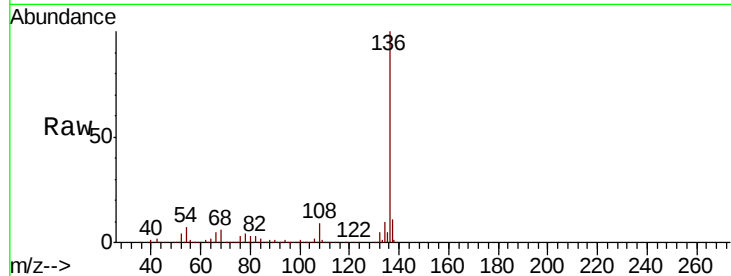
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114671.D
Acq: 30 May 2019 20:22

Instrument :
BNA_F
ClientSampleId :
B-16-COMP

Tot Ion	136	Resp	1503030
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	6.9	6.3	9.5
68	5.7	5.4	8.0

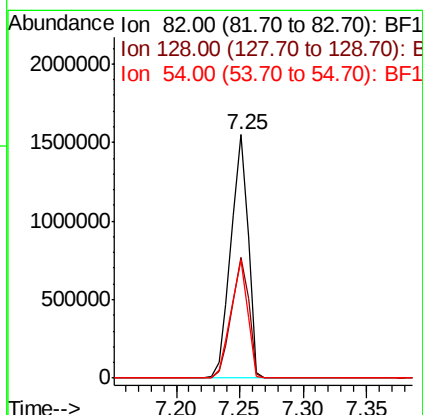
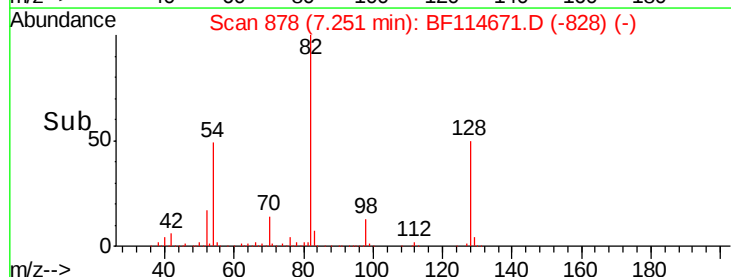
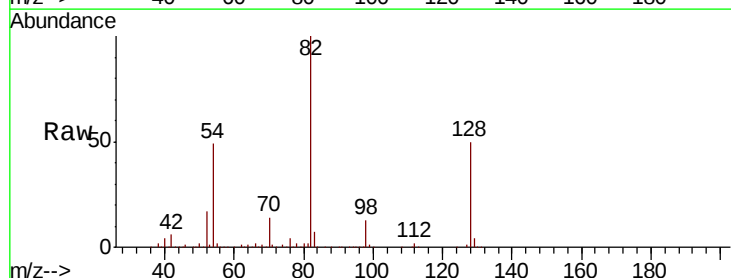
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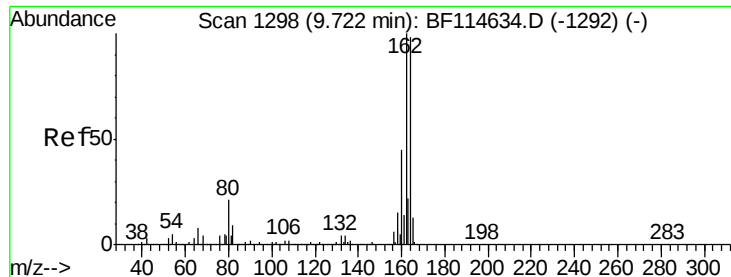
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#23
Nitrobenzene-d5
Concen: 60.295 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114671.D
Acq: 30 May 2019 20:22

Tgt Ion	82	Resp	1452577
Ion	Ratio	Lower	Upper
82	100		
128	49.6	38.5	57.7
54	48.6	39.1	58.7





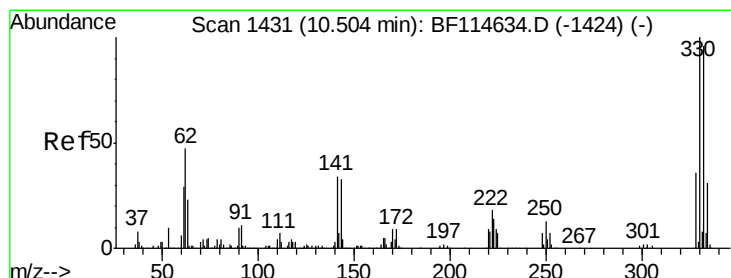
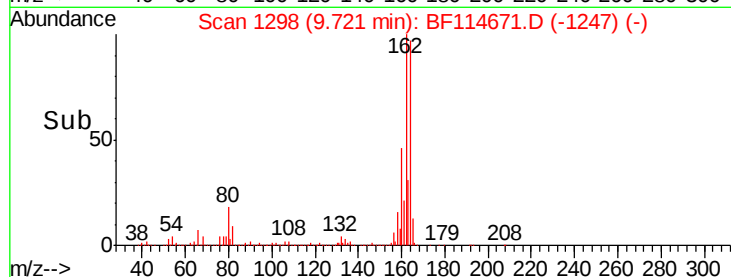
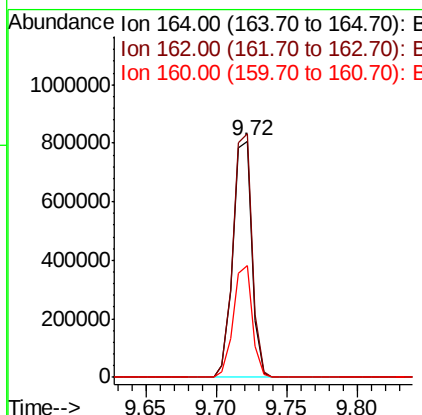
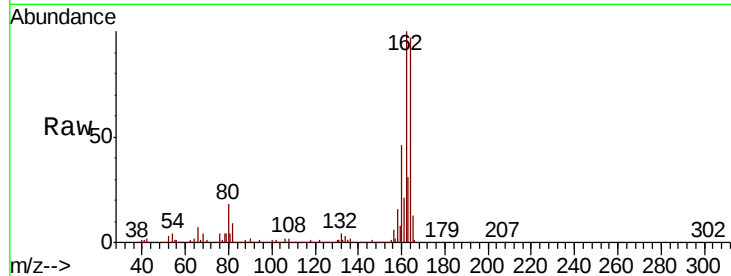
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF114671.D
Acq: 30 May 2019 20:22

Instrument :
BNA_F
ClientSampleId :
B-16-COMP

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.4	122.2
160	47.6	36.6	54.8

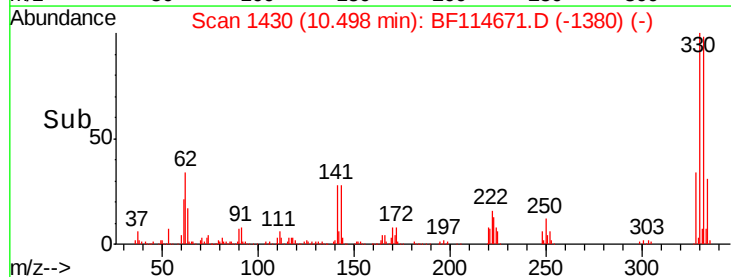
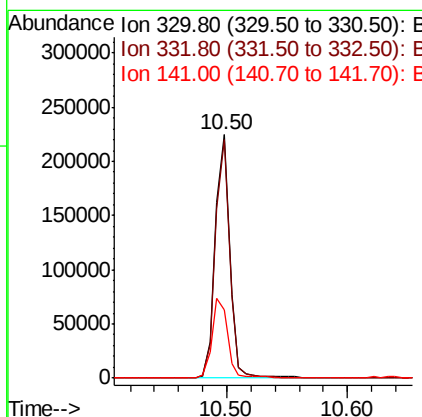
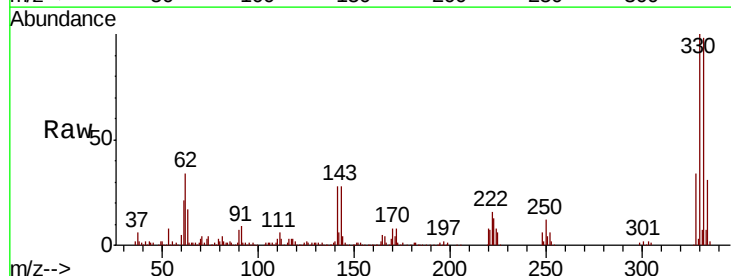
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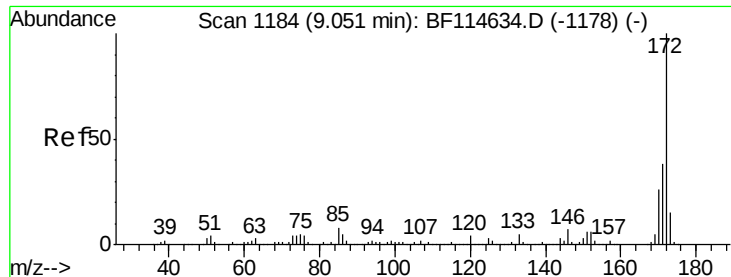
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#42
2,4,6-Tribromophenol
Concen: 25.712 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF114671.D
Acq: 30 May 2019 20:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	75.8	113.8
141	35.1	27.8	41.8





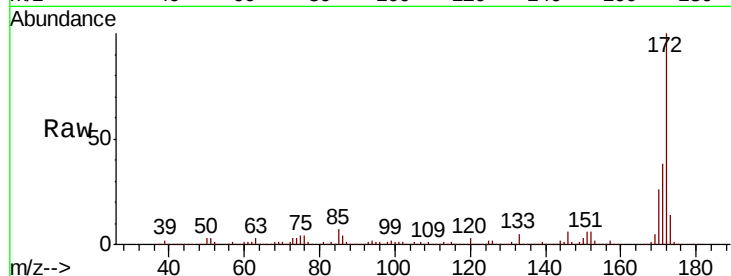
#45
2-Fluorobiphenyl
Concen: 53.131 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF114671.D
Acq: 30 May 2019 20:22

Instrument :
BNA_F
ClientSampleId :
B-16-COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.6	45.8
170	25.7	20.7	31.1

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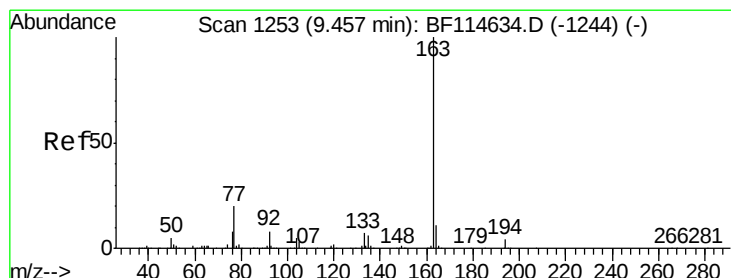
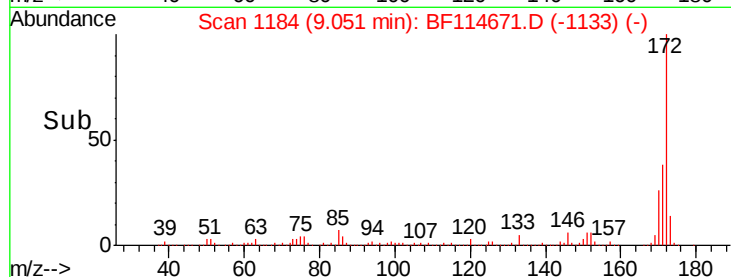
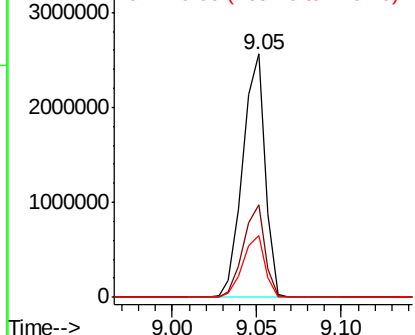


Abundance

Ion 172.00 (171.70 to 172.70): E

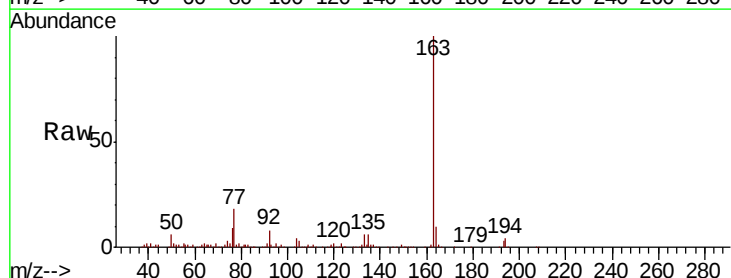
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 4.179 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF114671.D
Acq: 30 May 2019 20:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	9.6	8.6	13.0

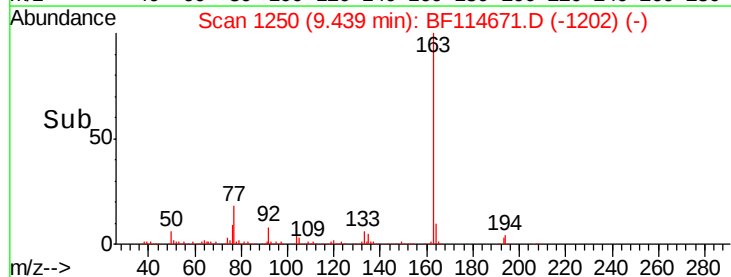
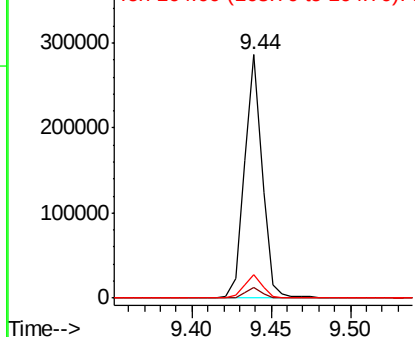


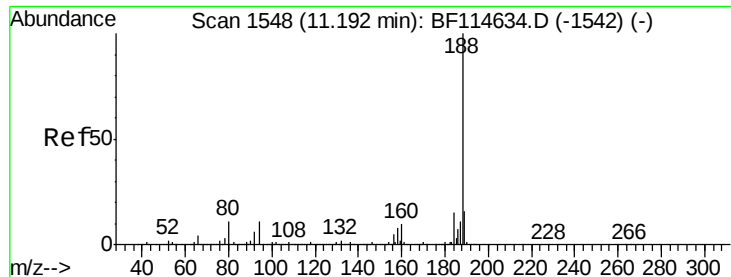
Abundance

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





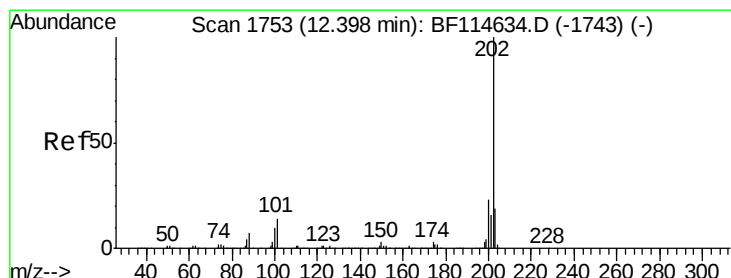
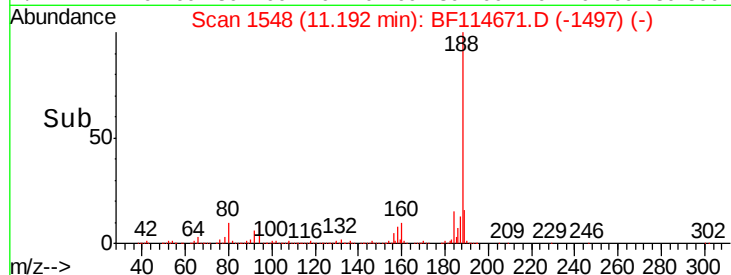
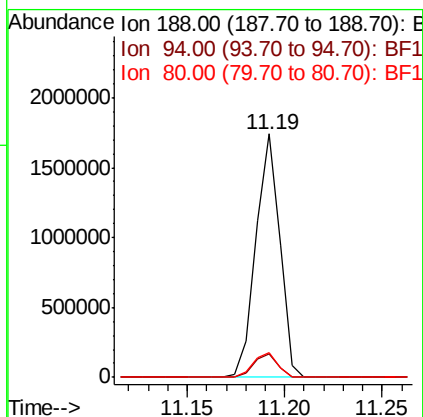
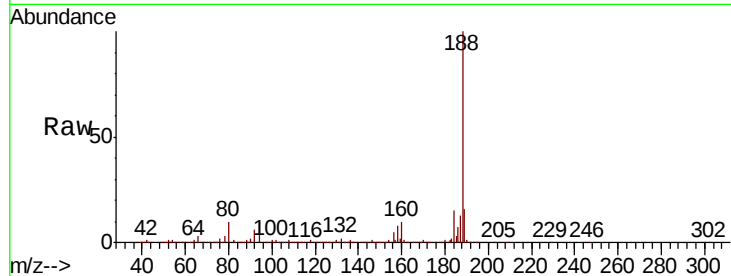
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF114671.D
Acq: 30 May 2019 20:22

Instrument :
BNA_F
ClientSampleId :
B-16-COMP

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.6	13.0
80	10.3	9.0	13.6

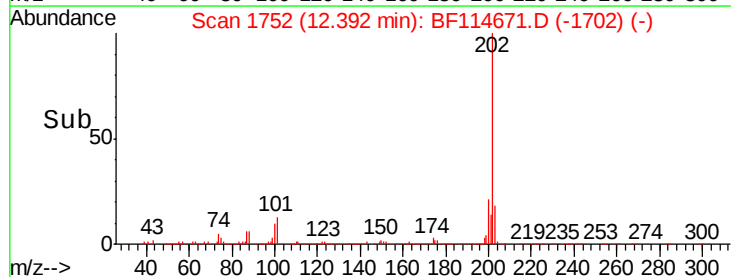
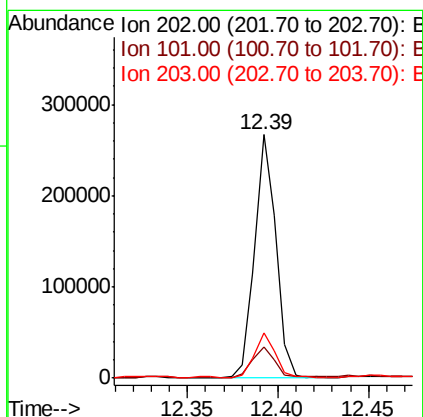
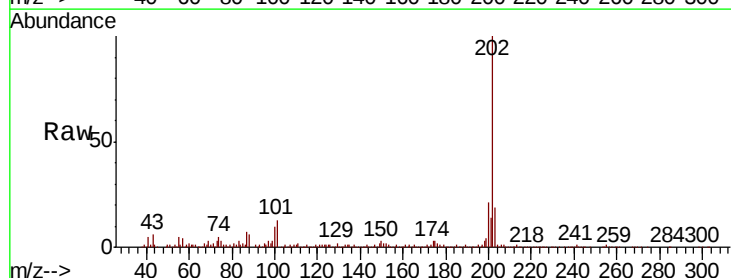
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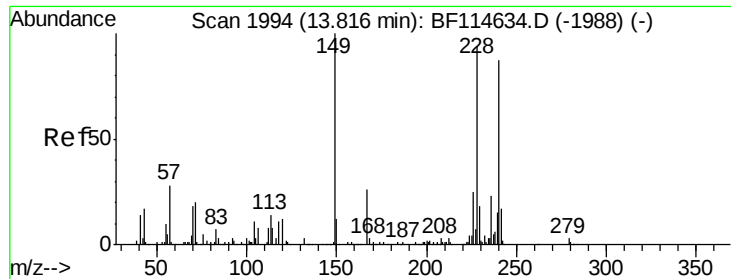
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#75
Fluoranthene
Concen: 2.780 ng
RT: 12.39 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BF114671.D
Acq: 30 May 2019 20:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.9
203	18.6	0.0	39.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF114671.D

Acq: 30 May 2019 20:22

Instrument :

BNA_F

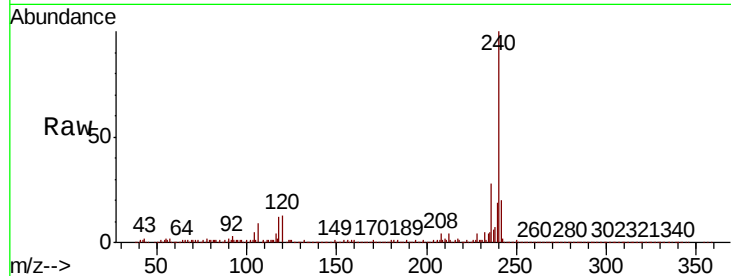
ClientSampleId :

B-16-COMP

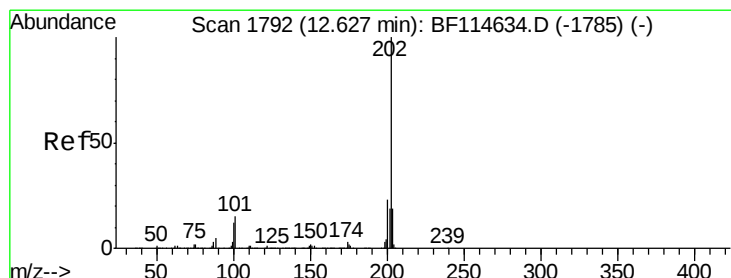
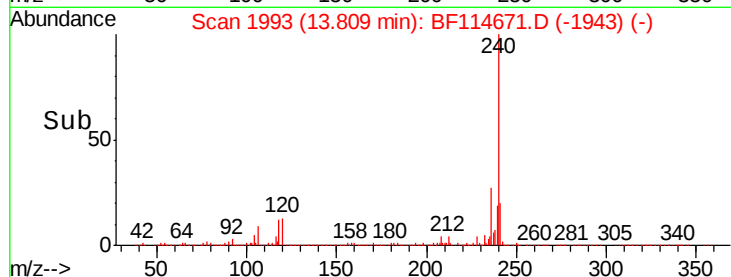
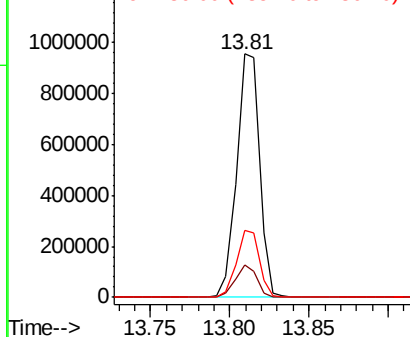
Tot Ion:	240	Resp:	956415
Ion Ratio	Lower	Upper	
240	100		
120	13.4	11.2	16.8
236	27.5	21.2	31.8

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: 3.003 ng

RT: 12.62 min Scan# 1791

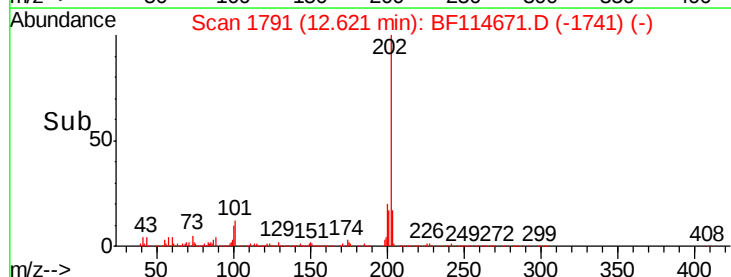
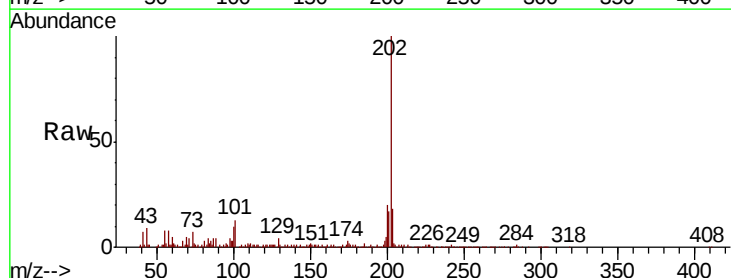
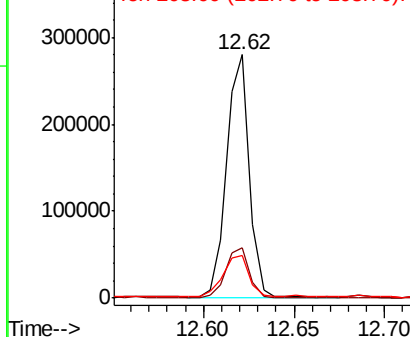
Delta R.T. -0.01 min

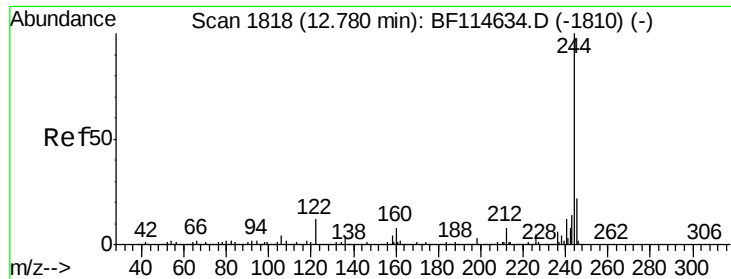
Lab File: BF114671.D

Acq: 30 May 2019 20:22

Tgt Ion:	202	Resp:	242933
Ion Ratio	Lower	Upper	
202	100		
200	20.5	18.6	28.0
203	17.6	15.4	23.2

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





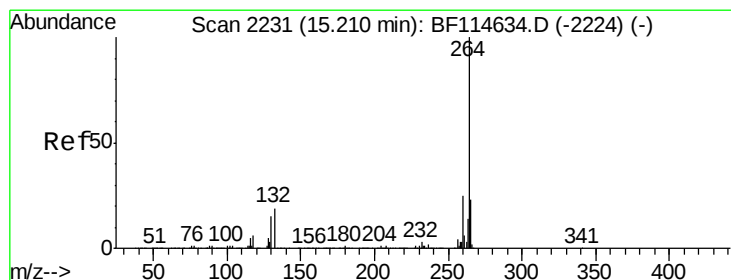
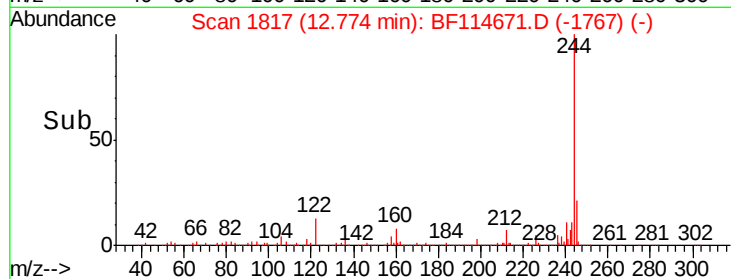
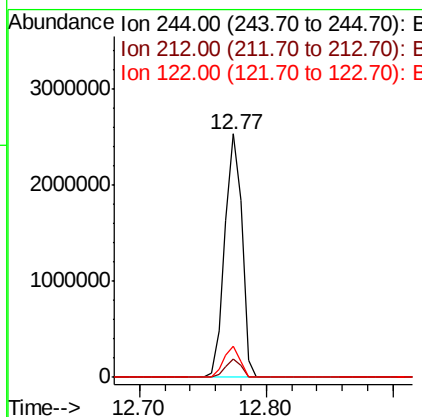
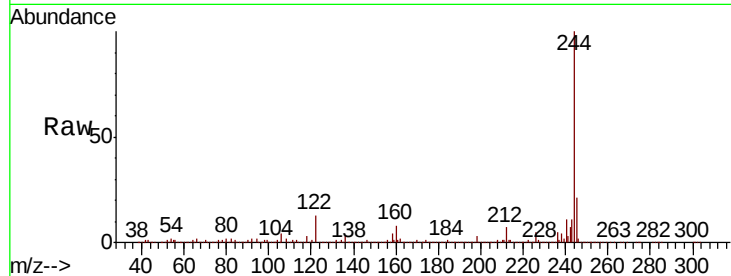
#79
 Terphenyl-d14
 Concen: 46.755 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BF114671.D
 Acq: 30 May 2019 20:22

Instrument :
 BNA_F
 ClientSampleId :
 B-16-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	12.6	9.8	14.8

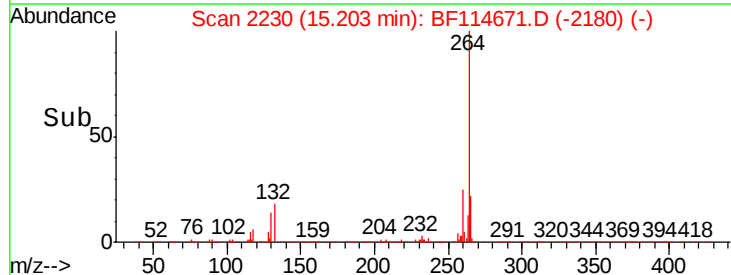
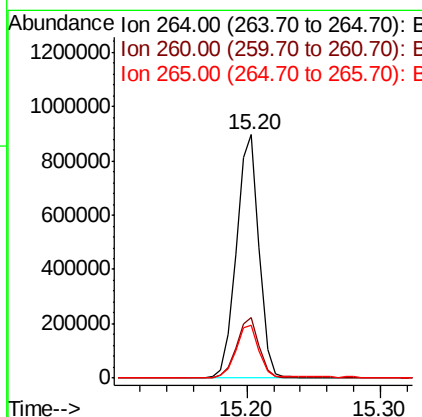
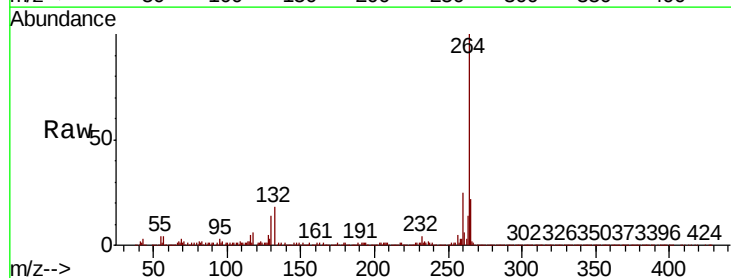
Manual Integrations
 APPROVED

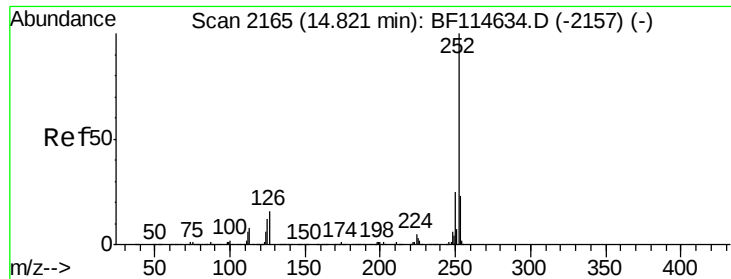
mohammad
 6/3/2019 8:47:18 AM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.20 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BF114671.D
 Acq: 30 May 2019 20:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	21.7	18.1	27.1





#88
 Benzo(b)fluoranthene
 Concen: 2.060 ng/ml
 RT: 14.81 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BF114671.D
 Acq: 30 May 2019 20:22

Instrument :
 BNA_F
 ClientSampleId :
 B-16-COMP

Tot Ion:	252	Resp:	135997
Ion Ratio	Lower	Upper	
252	100		
253	25.2	18.7	28.1
125	20.1	9.4	14.2#

Manual Integrations
 APPROVED

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 6/3/2019 8:47:18 AM

