

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
 Data File : BF112404.D
 Acq On : 5 Feb 2019 19:05
 Operator : JU/SJ
 Sample : K1346-05 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-020419-C

Manual Integrations
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Quant Time: Feb 06 00:37:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	171564	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	630299	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	273448	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	433398	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	332106	20.00	ng	-0.01
87) Perylene-d12	15.47	264	255200	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	221393	27.41	ng	-0.02
7) Phenol-d6	6.47	99	280190	24.96	ng	-0.02
23) Nitrobenzene-d5	7.39	82	159334	14.57	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	62975	19.79	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	346225	17.91	ng	-0.02
79) Terphenyl-d14	12.93	244	268500	15.23	ng	-0.02
Target Compounds						
75) Fluoranthene	12.57	202	53892	2.230	ng	98
78) Pyrene	12.80	202	59746	2.598	ng	96
88) Benzo(b)fluoranthene	15.04	252	32934m	2.158	ng	

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

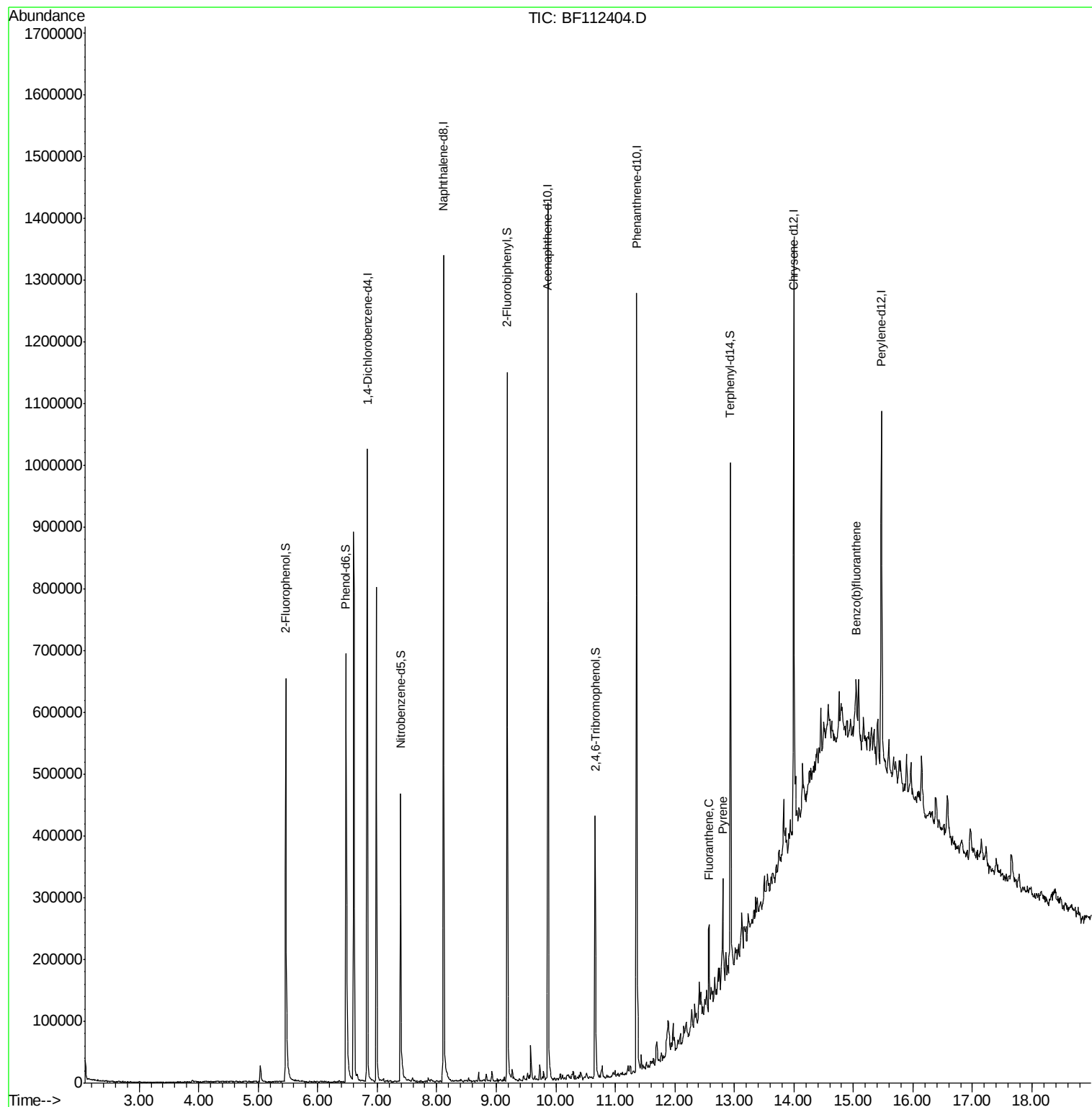
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
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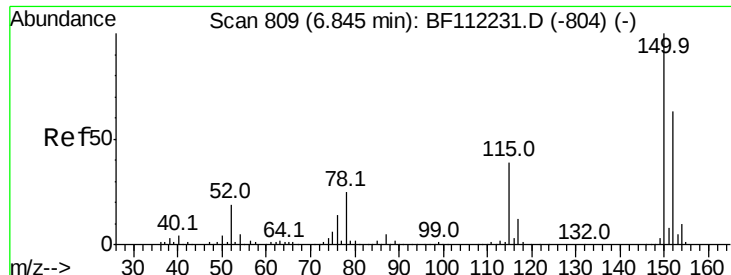
Instrument :
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CL-02-020419-C

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
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#1

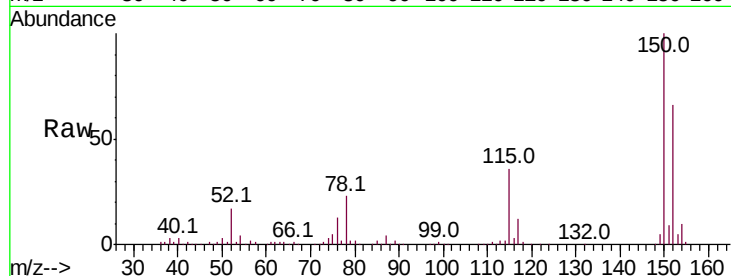
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112404.D
Acq: 5 Feb 2019 19:05

Instrument :
BNA_F
ClientSampleId :
CL-02-020419-C

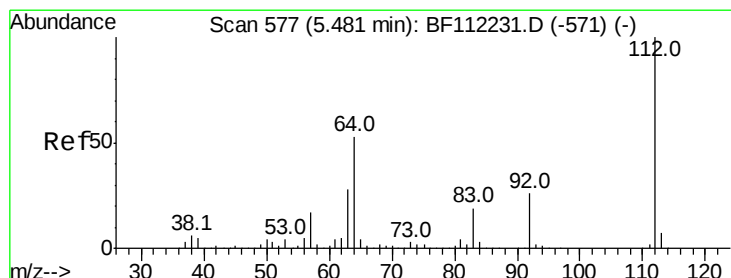
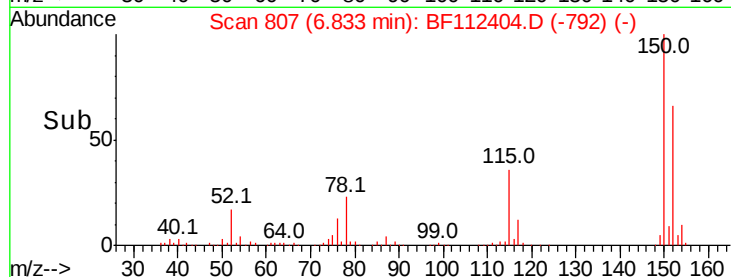
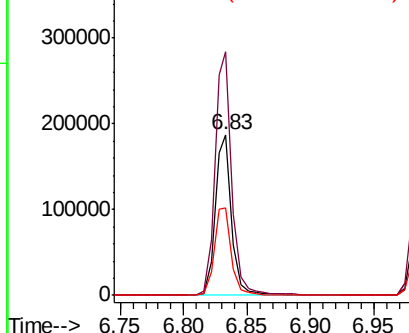
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.4	127.4	191.0
115	54.4	45.5	68.3

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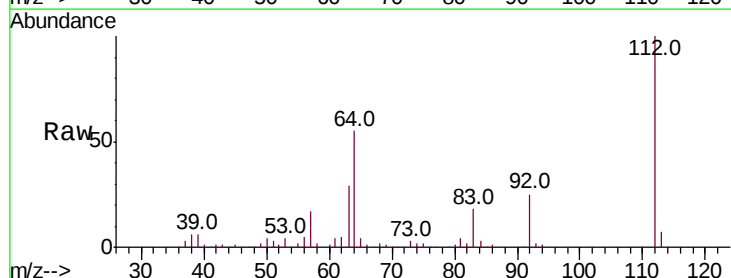
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



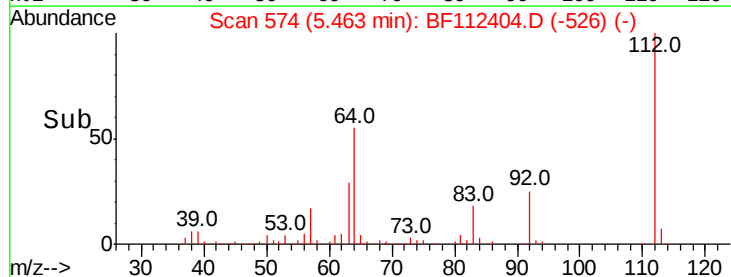
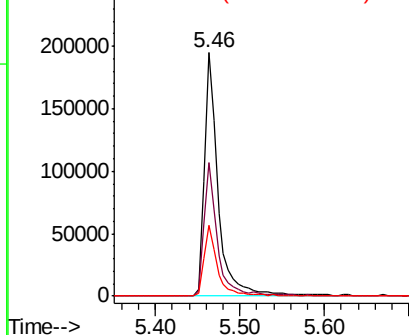
#5

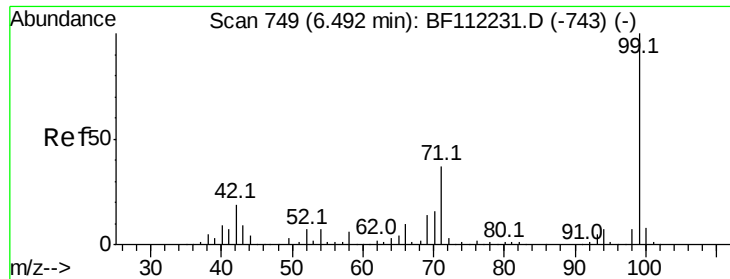
2-Fluorophenol
Concen: 27.410 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF112404.D
Acq: 5 Feb 2019 19:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	45.7	68.5
63	29.2	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: 24.964 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF112404.D

Acq: 5 Feb 2019 19:05

Instrument :

BNA_F

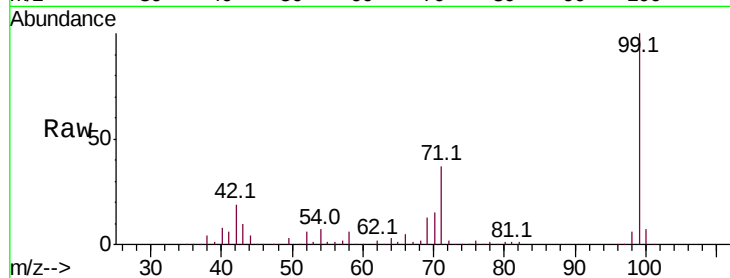
ClientSampleId :

CL-02-020419-C

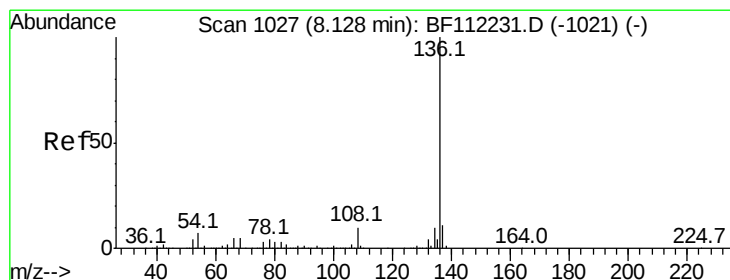
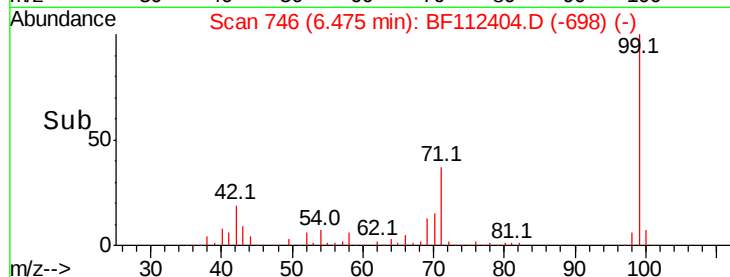
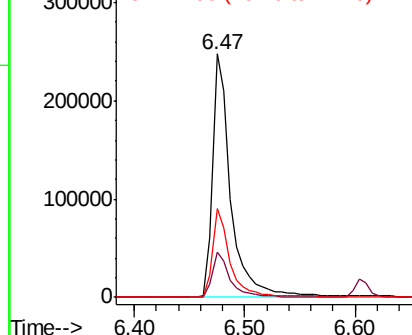
Tot Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.1	22.7
71	36.6	26.9	40.3

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

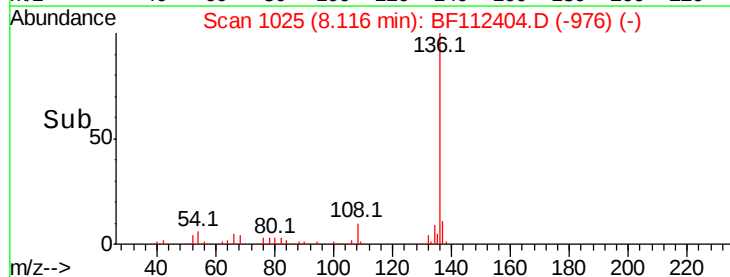
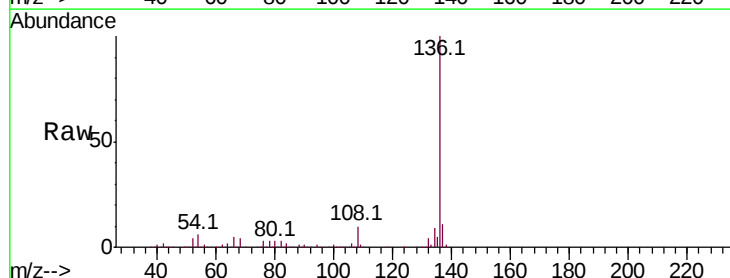
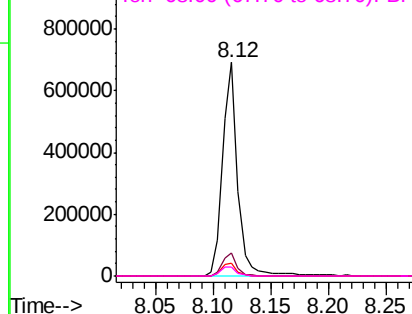
Delta R.T. -0.01 min

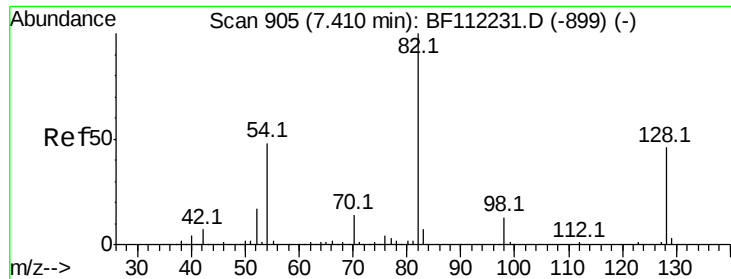
Lab File: BF112404.D

Acq: 5 Feb 2019 19:05

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.0	5.9	8.9
68	4.3	5.1	7.7#

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





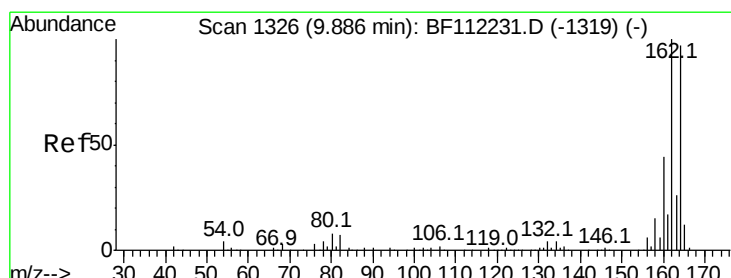
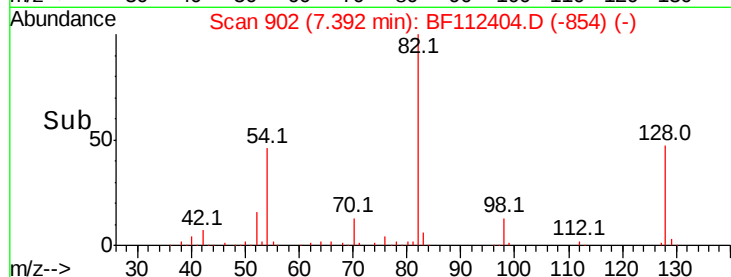
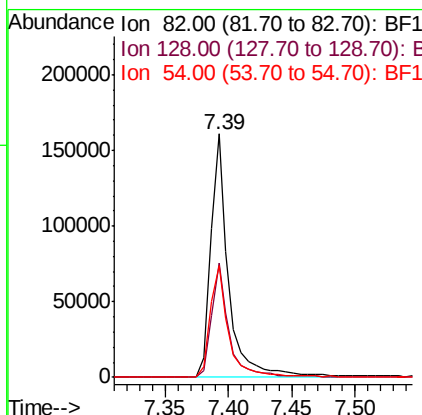
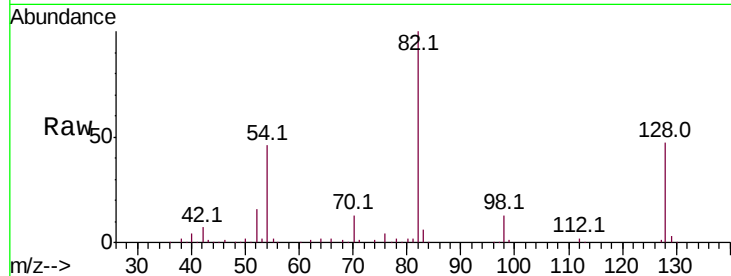
#23
 Nitrobenzene-d5
 Concen: 14.566 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF112404.D
 Acq: 5 Feb 2019 19:05

Instrument :
 BNA_F
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Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.8	56.8
54	45.8	39.7	59.5

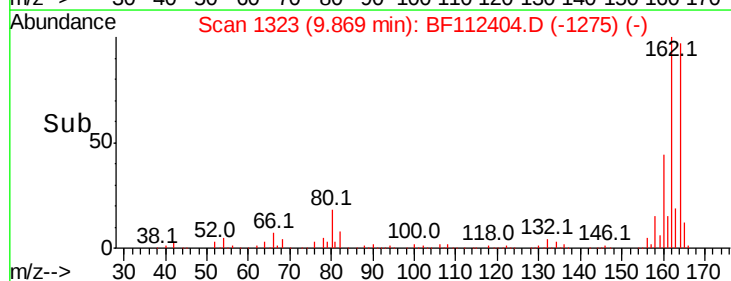
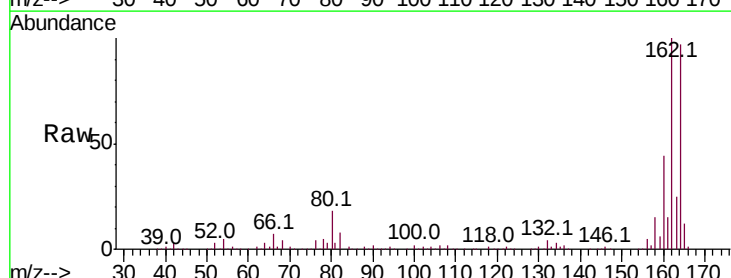
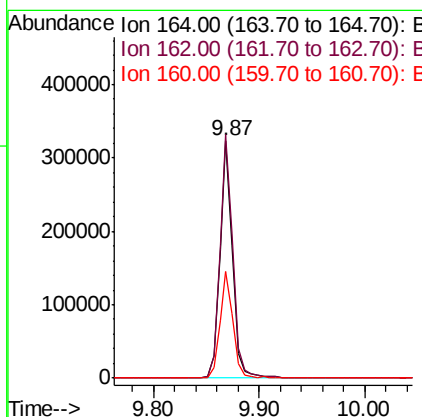
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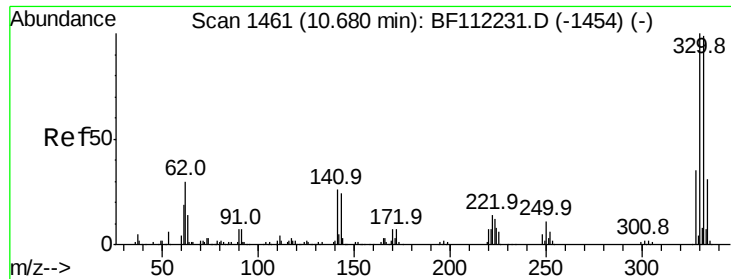
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112404.D
 Acq: 5 Feb 2019 19:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.2	123.4
160	45.0	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 19.786 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112404.D

Acq: 5 Feb 2019 19:05

Instrument :

BNA_F

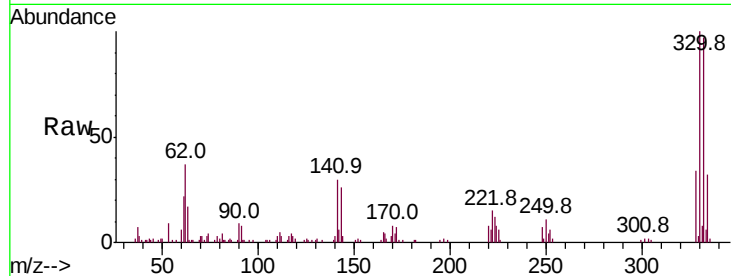
ClientSampleId :

CL-02-020419-C

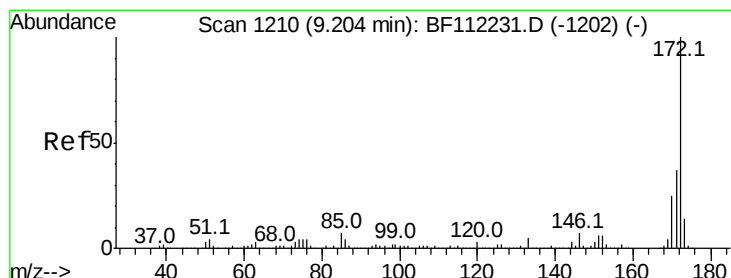
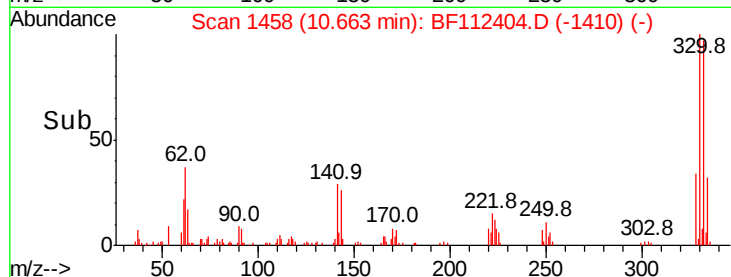
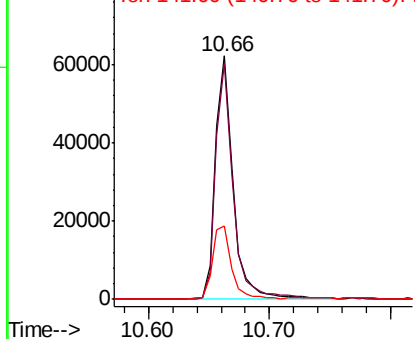
Tot Ion:	330	Resp:	62975
Ion Ratio	Lower	Upper	
330	100		
332	95.9	76.6	114.8
141	32.0	24.3	36.5

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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: 17.908 ng

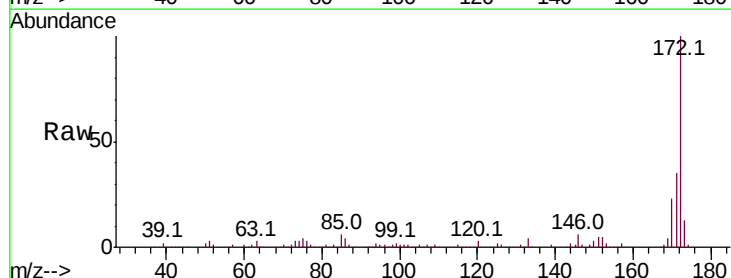
RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

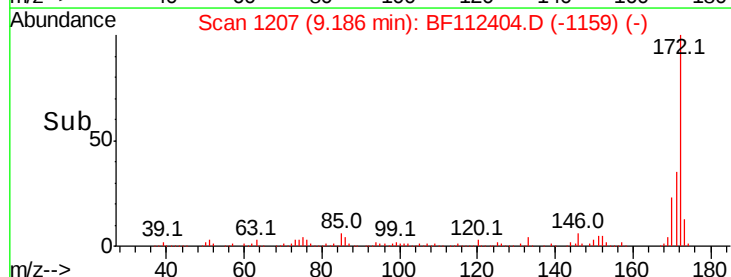
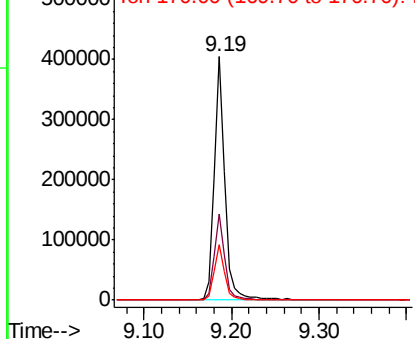
Lab File: BF112404.D

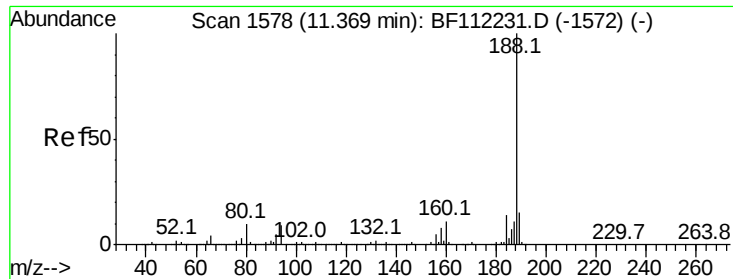
Acq: 5 Feb 2019 19:05

Tgt Ion:	172	Resp:	346225
Ion Ratio	Lower	Upper	
172	100		
171	35.4	30.5	45.7
170	23.0	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: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF112404.D

Acq: 5 Feb 2019 19:05

Instrument :

BNA_F

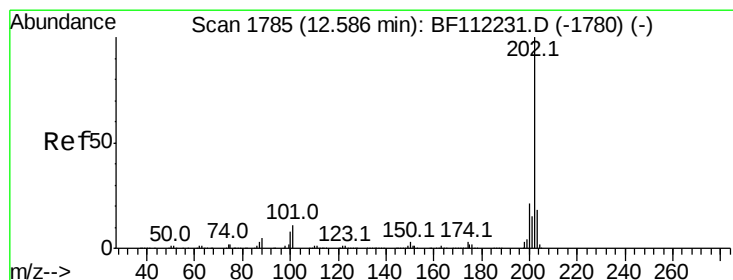
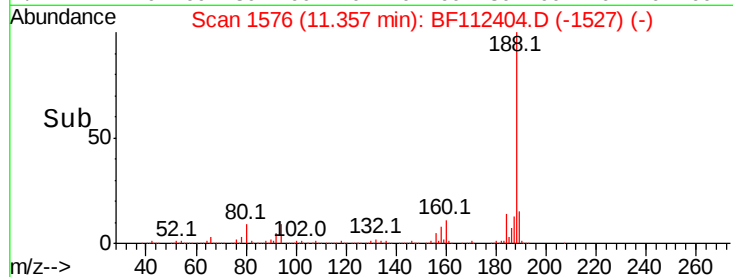
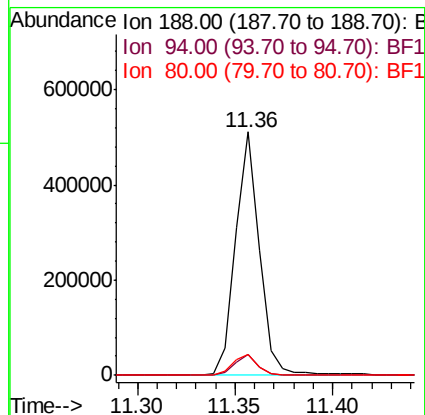
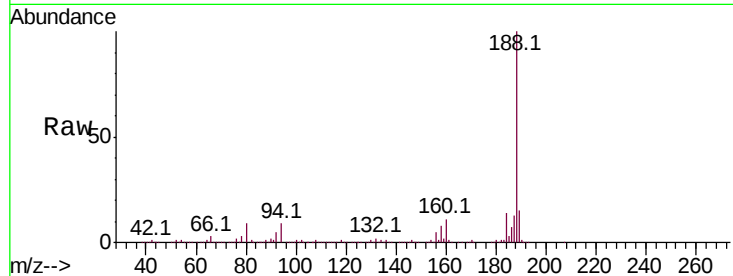
ClientSampleId :

CL-02-020419-C

Tot Ion:	188	Resp:	433398
Ion Ratio	Lower	Upper	
188	100		
94	8.6	8.2	12.2
80	8.8	8.9	13.3#

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#75

Fluoranthene

Concen: 2.230 ng

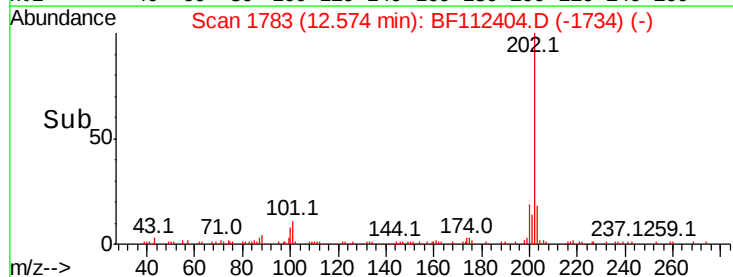
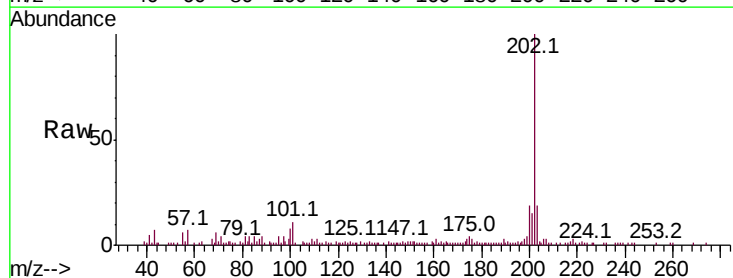
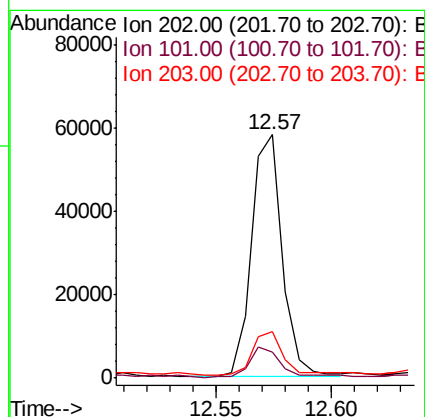
RT: 12.57 min Scan# 1783

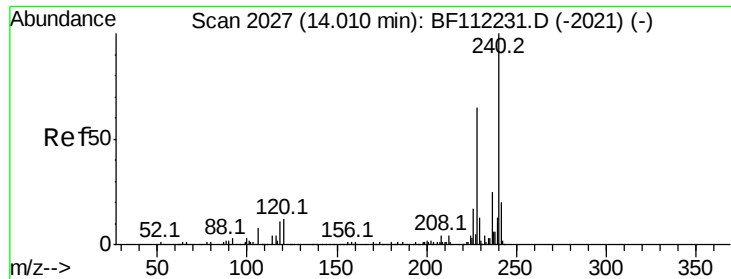
Delta R.T. -0.01 min

Lab File: BF112404.D

Acq: 5 Feb 2019 19:05

Tgt Ion:	202	Resp:	53892
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	31.8
203	18.9	0.0	38.4





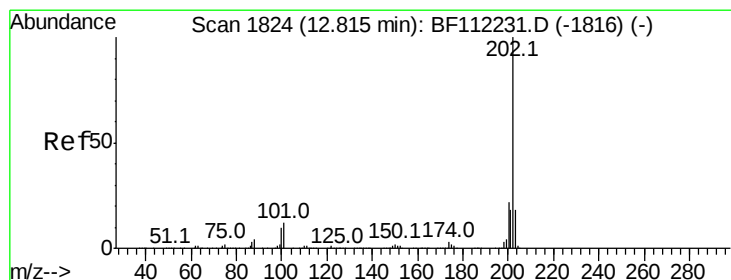
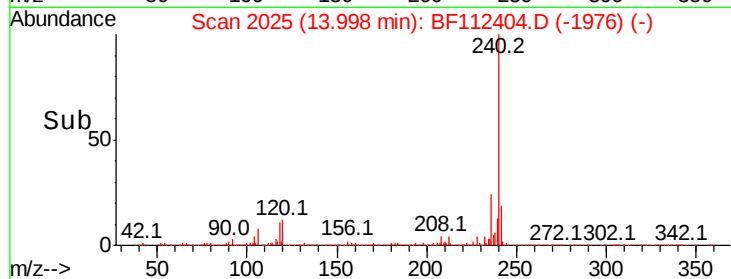
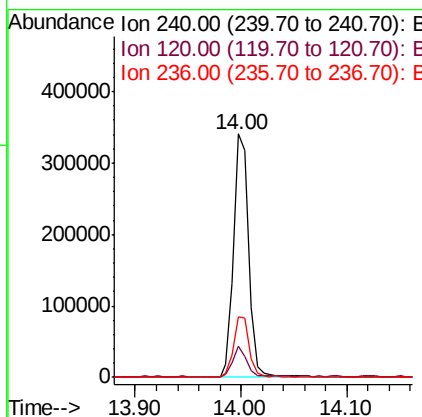
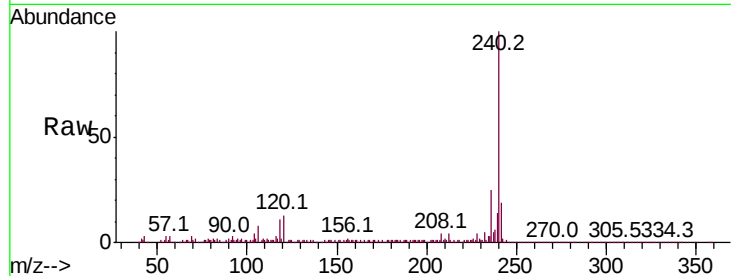
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112404.D
Acq: 5 Feb 2019 19:05

Instrument :
BNA_F
ClientSampleId :
CL-02-020419-C

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.0	13.6
236	24.6	20.7	31.1

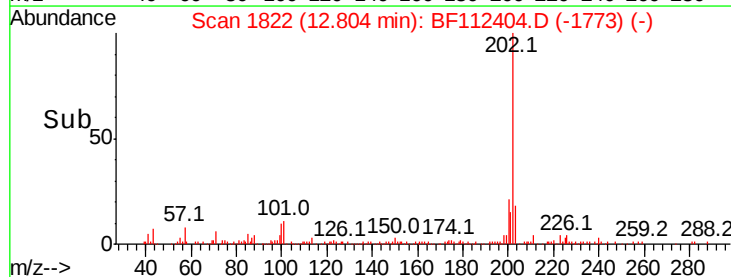
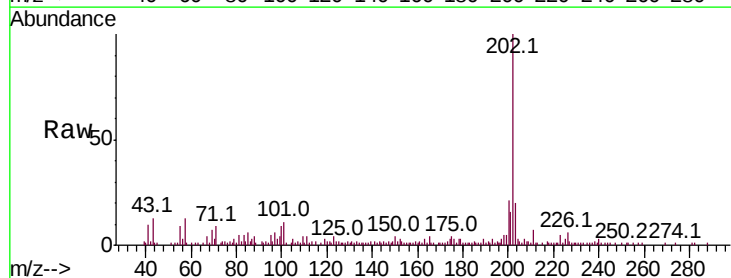
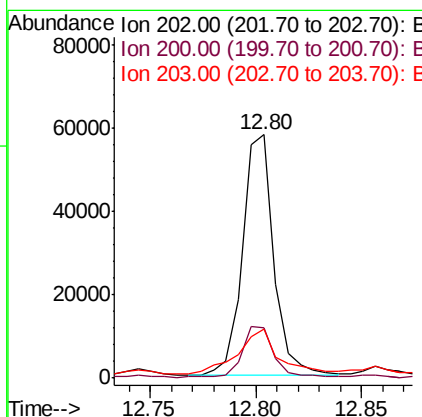
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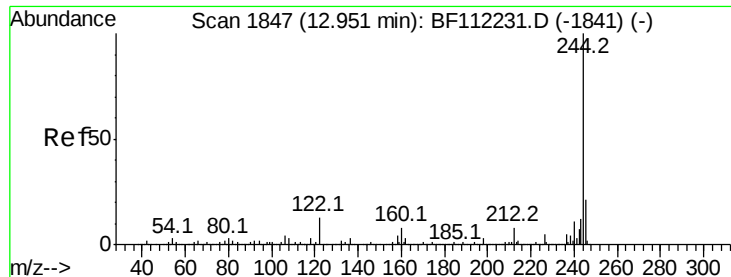
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#78
Pyrene
Concen: 2.598 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF112404.D
Acq: 5 Feb 2019 19:05

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.7	26.5
203	20.1	14.6	22.0





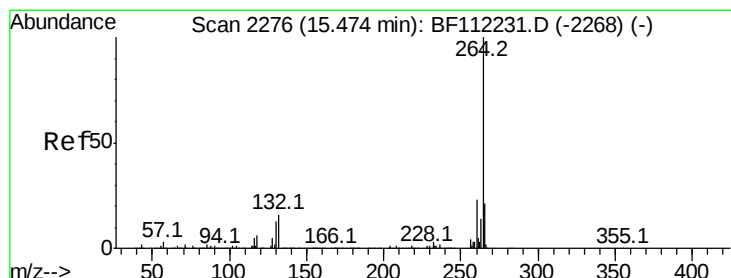
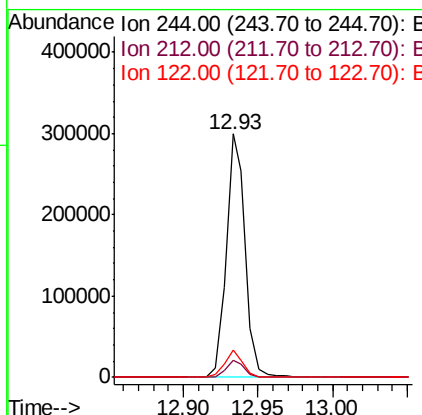
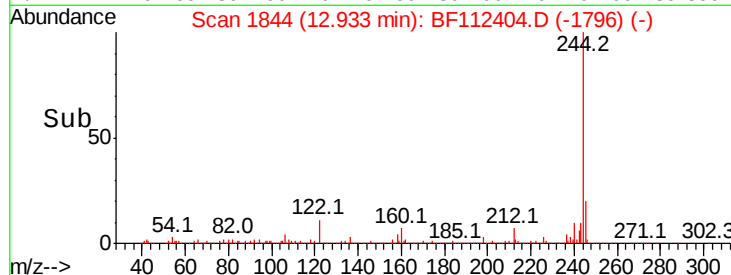
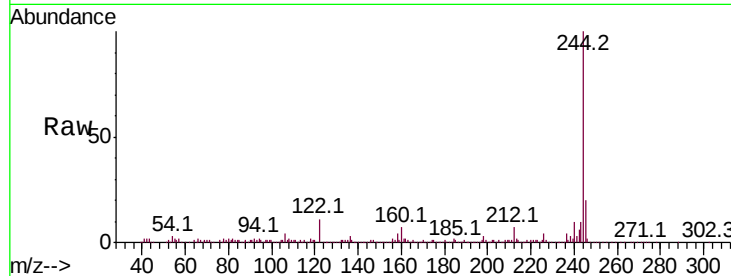
#79
 Terphenyl-d14
 Concen: 15.227 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF112404.D
 Acq: 5 Feb 2019 19:05

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-020419-C

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	5.9	8.9
122	11.3	9.8	14.6

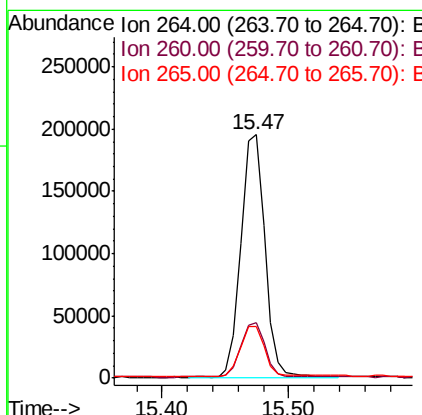
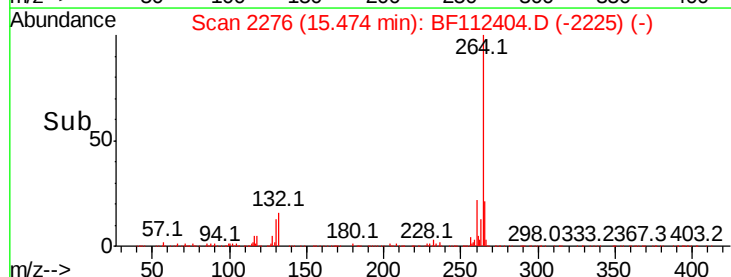
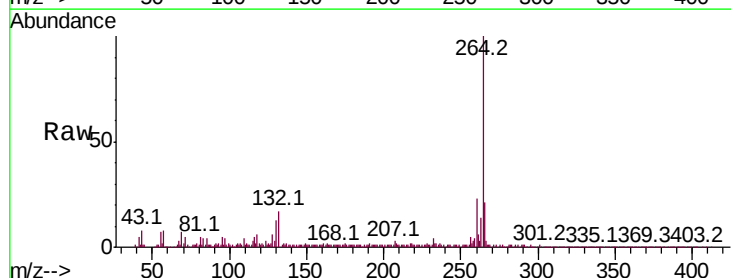
Manual Integrations
 APPROVED

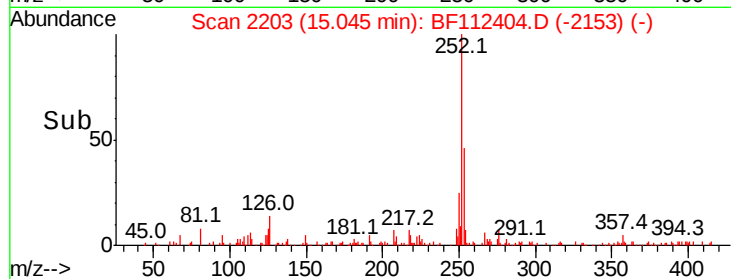
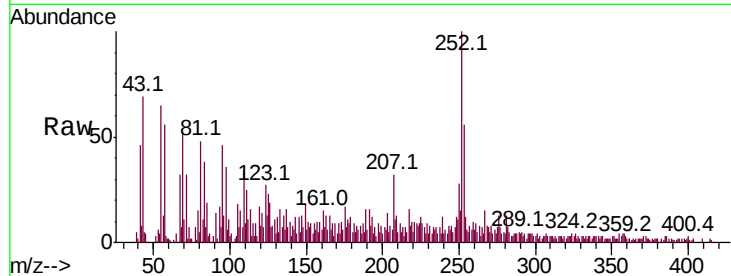
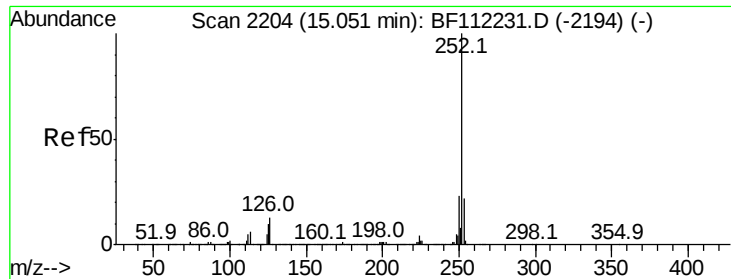
mohammad
 2/6/2019 9:16:04 AM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: BF112404.D
 Acq: 5 Feb 2019 19:05

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	22.6	18.2	27.2
265	21.4	17.0	25.4





#88

Benzo(b)fluoranthene

Concen: 2.158 ng/mL

RT: 15.04 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BF112404.D

Acq: 5 Feb 2019 19:05

Instrument :

BNA_F

ClientSampleId :

CL-02-020419-C

Tot Ion:	252	Resp:	32934
Ion Ratio	Lower	Upper	
252	100		
253	55.5	18.0	27.0#
125	22.6	8.7	13.1#

Manual Integrations
APPROVED

mohammad
2/6/2019 9:16:04 AM

