

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
 Data File : BF115264.D
 Acq On : 28 Jun 2019 4:55
 Operator : HP/JU
 Sample : K3157-19 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-062619-E

Manual Integrations
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 6/28/2019 2:59:15 PM

Quant Time: Jun 28 08:03:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	223444	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	875760	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	435473	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	868241	20.00	ng	0.00
76) Chrysene-d12	13.72	240	616507	20.00	ng	0.00
87) Perylene-d12	15.08	264	441865	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	607646	41.97	ng	0.00
7) Phenol-d6	6.24	99	778796	44.31	ng	0.00
23) Nitrobenzene-d5	7.16	82	434048	30.49	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	227002	49.43	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	904553	35.28	ng	0.00
79) Terphenyl-d14	12.68	244	1040064	35.87	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.35	163	144674	4.516	ng	99
75) Fluoranthene	12.30	202	166838	3.577	ng	95
78) Pyrene	12.52	202	179283	3.784	ng	98
88) Benzo(b)fluoranthene	14.71	252	74002m	2.684	ng	
90) Benzo(a)pyrene	15.02	252	50585	2.036	ng	# 85

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

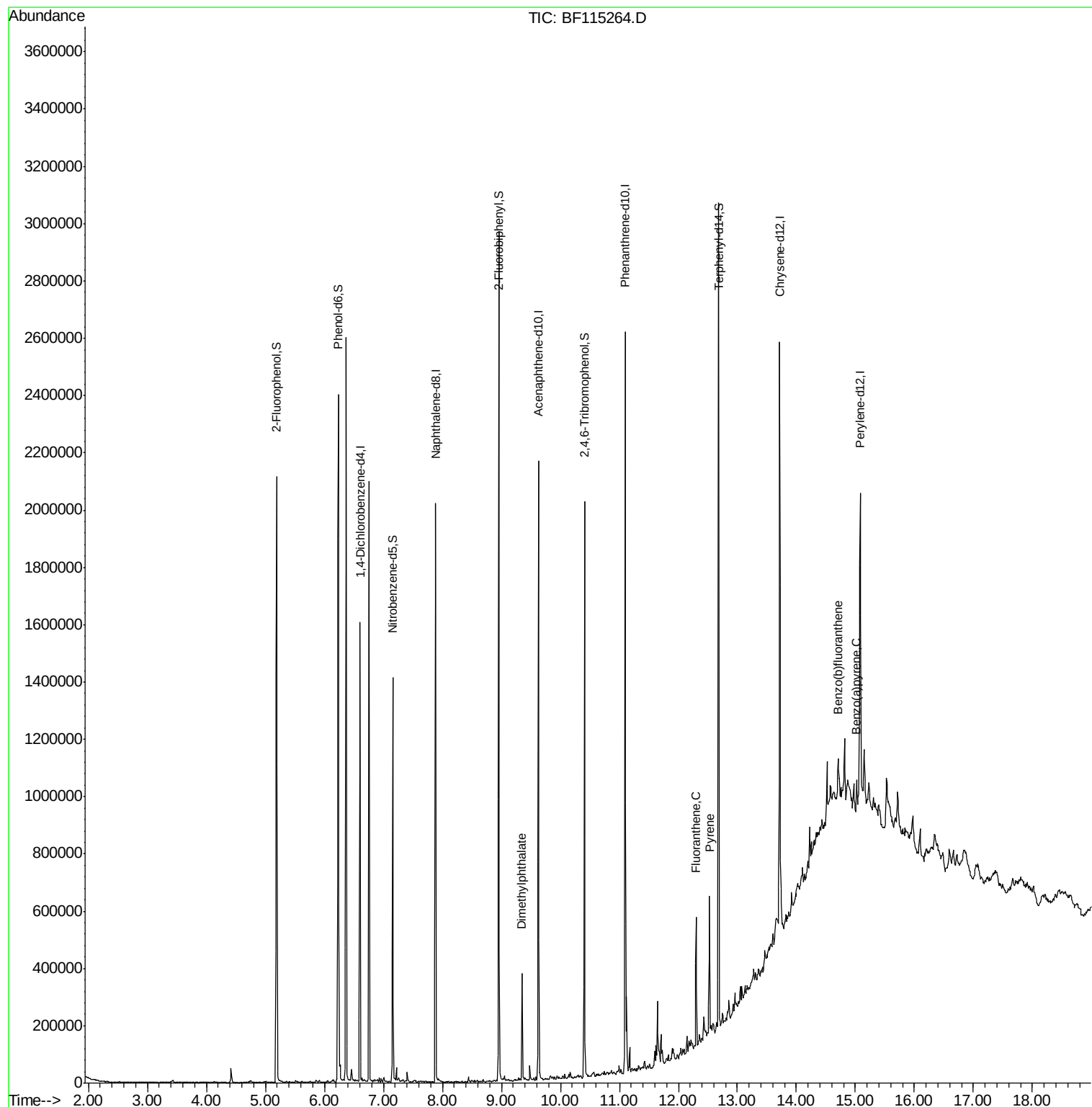
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115264.D
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Misc :
ALS Vial : 25 Sample Multiplier: 1

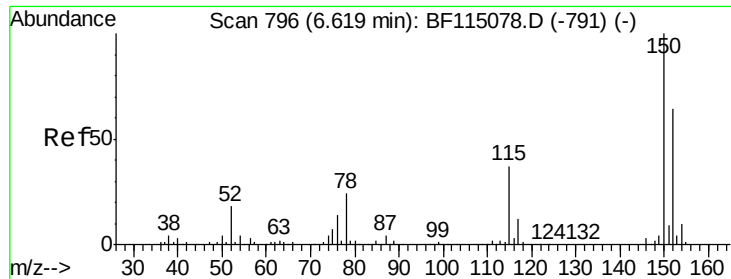
Instrument :
BNA_F
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CL-02-062619-E

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration





#1

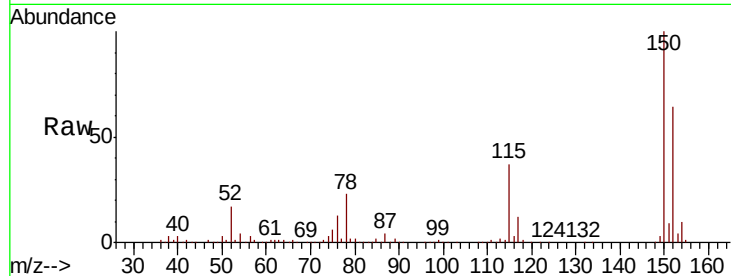
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115264.D
Acq: 28 Jun 2019 4:55

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-E

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.2	186.2
115	57.7	46.1	69.1

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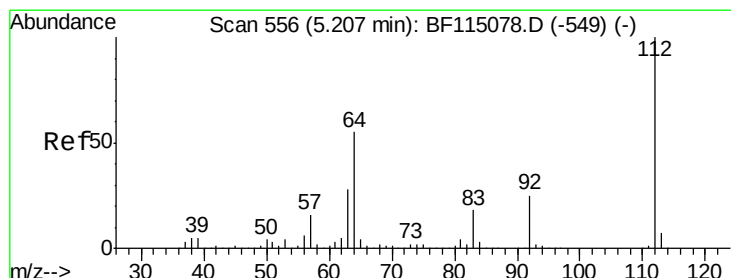
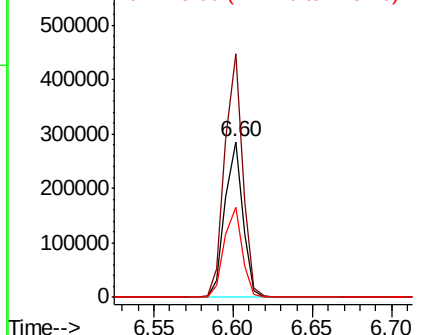
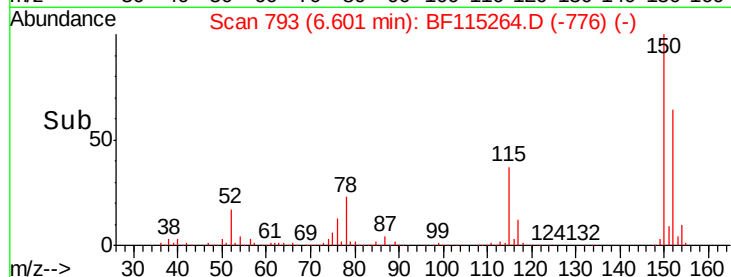


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

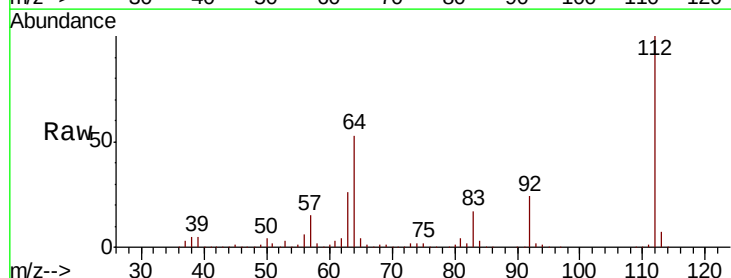
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 41.966 ng
RT: 5.19 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF115264.D
Acq: 28 Jun 2019 4:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.8	43.8	65.6
63	26.3	22.2	33.4

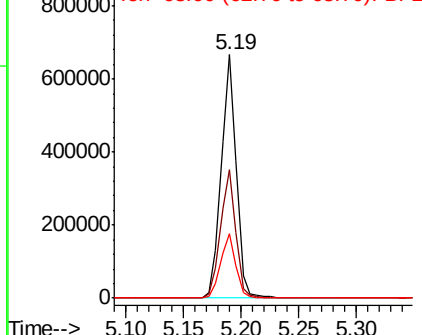
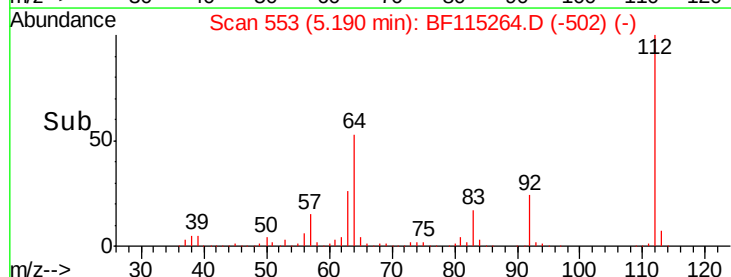


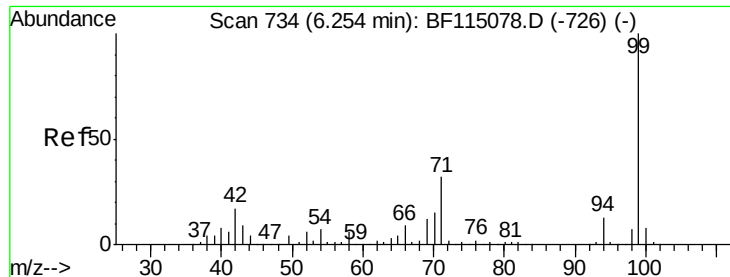
Abundance

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: 44.314 ng

RT: 6.24 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF115264.D

Acq: 28 Jun 2019 4:55

Instrument :

BNA_F

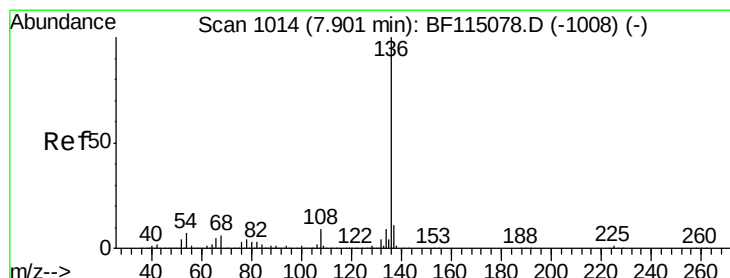
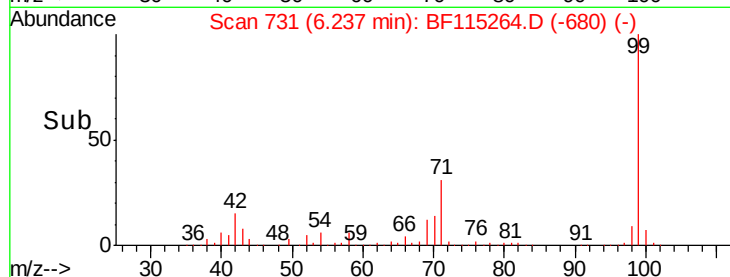
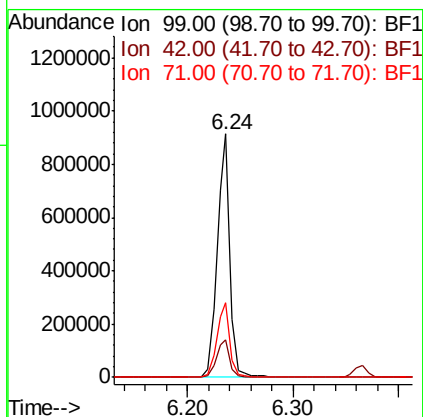
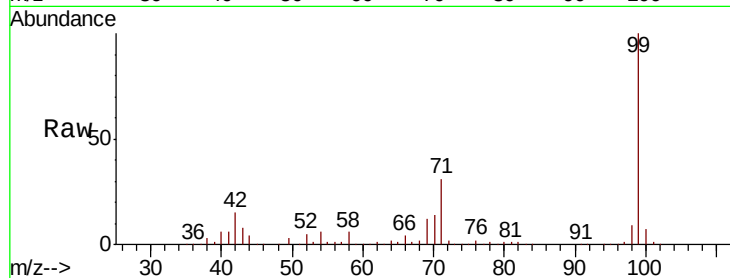
ClientSampleId :

CL-02-062619-E

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		778796		
42	15.5	13.6	20.4		
71	30.8	25.5	38.3		

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#21

Naphthalene-d8

Concen: 20.000 ng

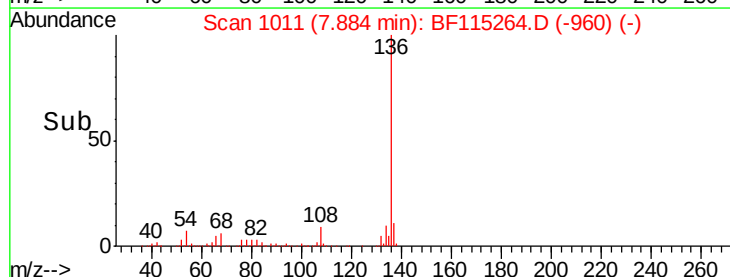
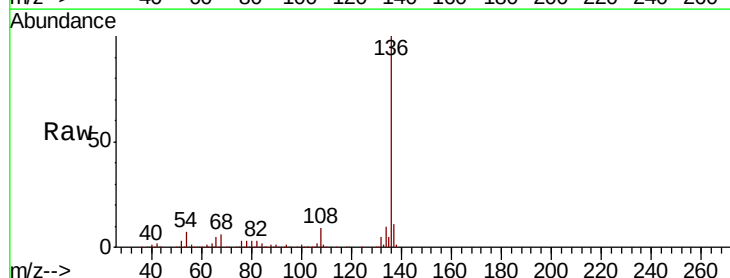
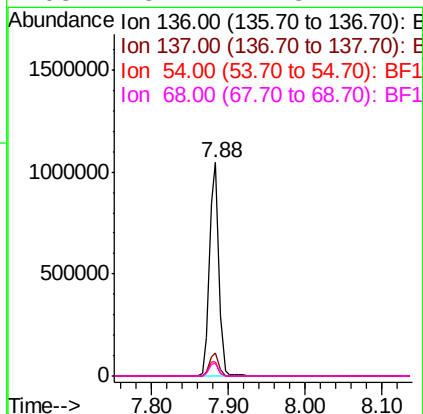
RT: 7.88 min Scan# 1011

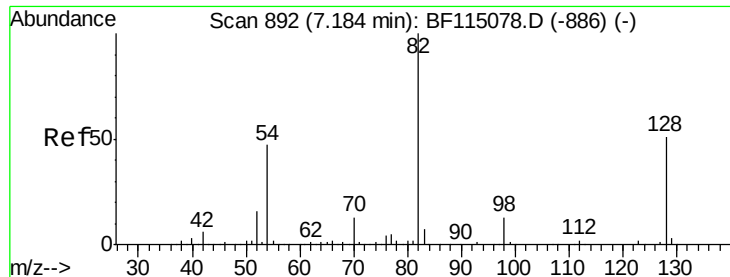
Delta R.T. 0.00 min

Lab File: BF115264.D

Acq: 28 Jun 2019 4:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		875760		
137	10.9	8.9	13.3		
54	6.6	5.6	8.4		
68	5.7	4.8	7.2		





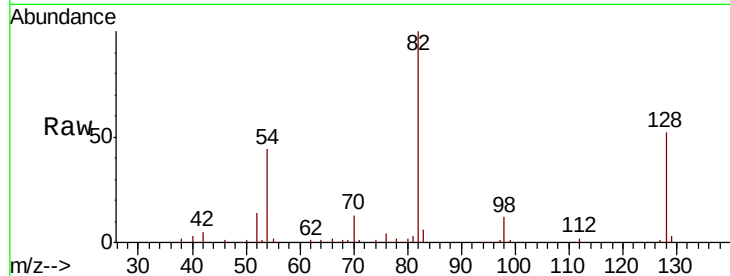
#23
Nitrobenzene-d5
Concen: 30.489 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115264.D
Acq: 28 Jun 2019 4:55

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-E

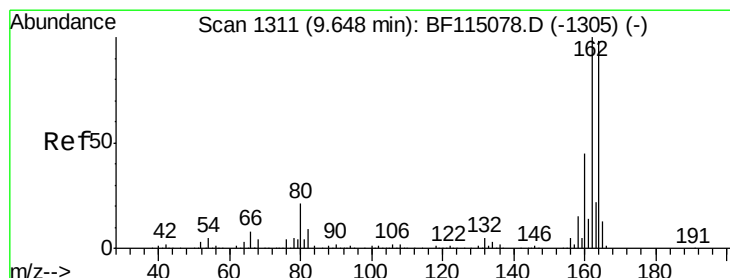
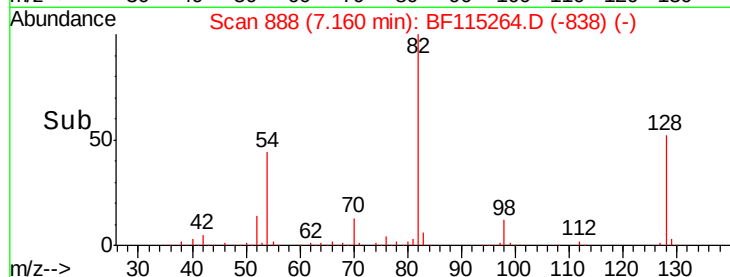
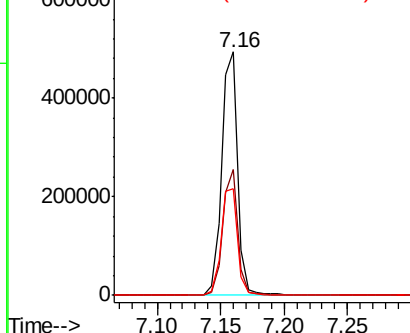
Tot Ion	Ratio	Lower	Upper
82	100		
128	51.9	40.4	60.6
54	43.8	37.5	56.3

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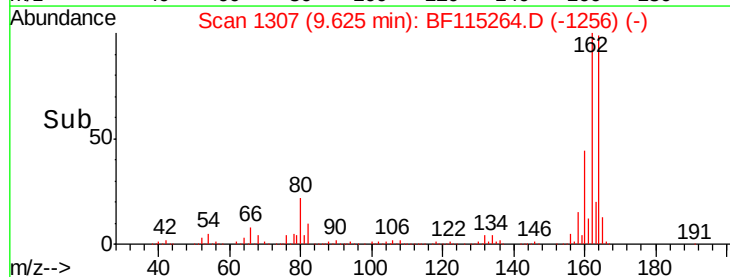
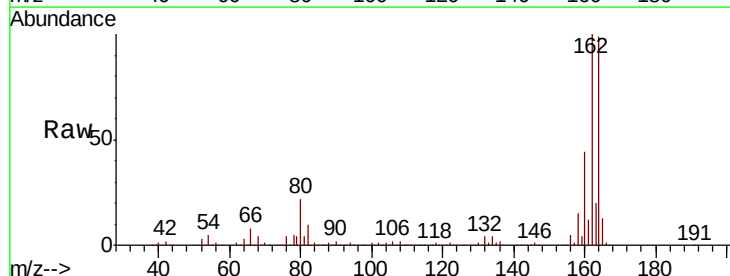
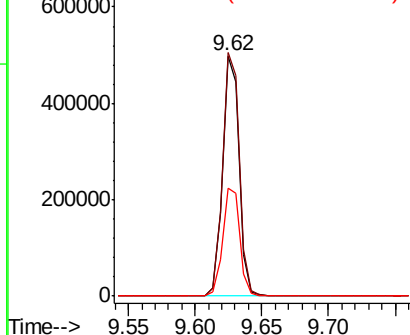
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

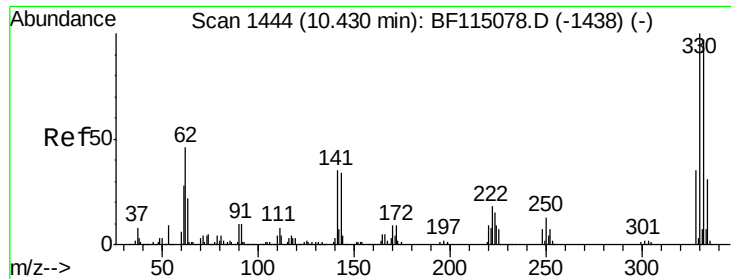


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF115264.D
Acq: 28 Jun 2019 4:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.7	122.5
160	45.0	37.0	55.4

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





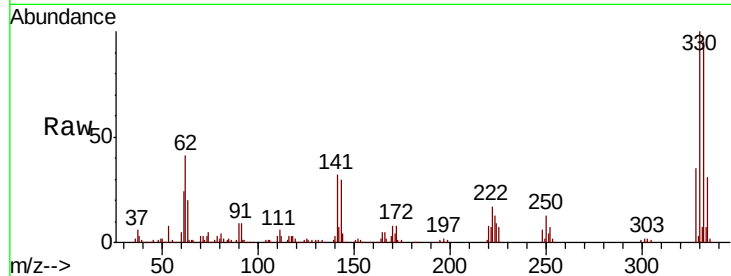
#42
 2,4,6-Tribromophenol
 Concen: 49.432 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF115264.D
 Acq: 28 Jun 2019 4:55

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-062619-E

Tot Ion	Ratio	Resp	Lower	Upper
330	100	227002		
332	94.5	77.3	115.9	
141	33.0	28.2	42.2	

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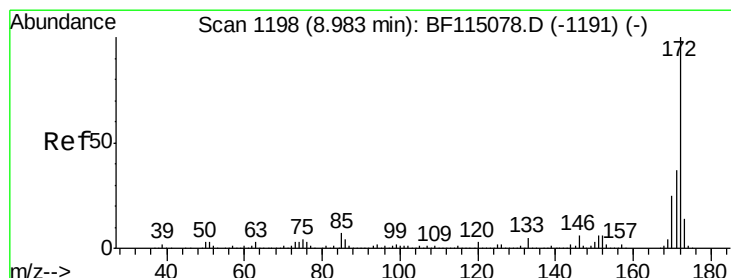
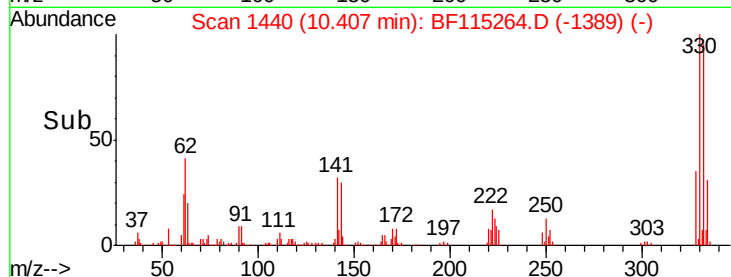
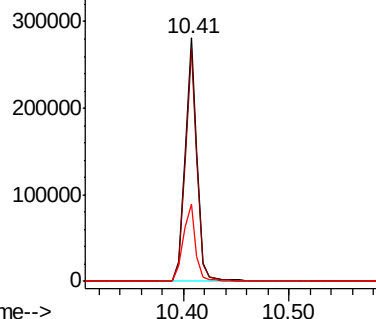


Abundance

Ion 329.80 (329.50 to 330.50): E

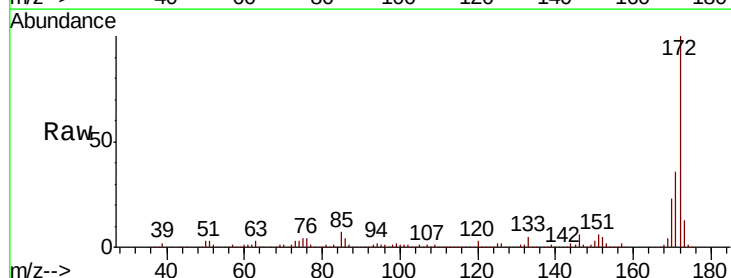
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 35.283 ng
 RT: 8.95 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF115264.D
 Acq: 28 Jun 2019 4:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	904553		
171	36.0	29.8	44.6	
170	23.4	20.3	30.5	

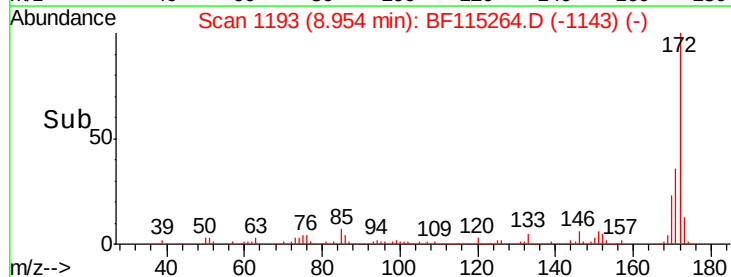
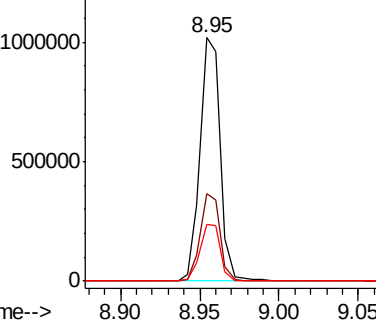


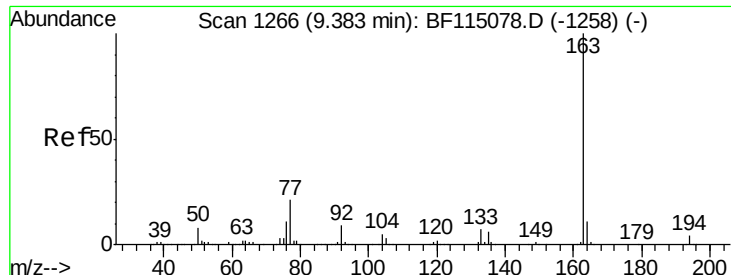
Abundance

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





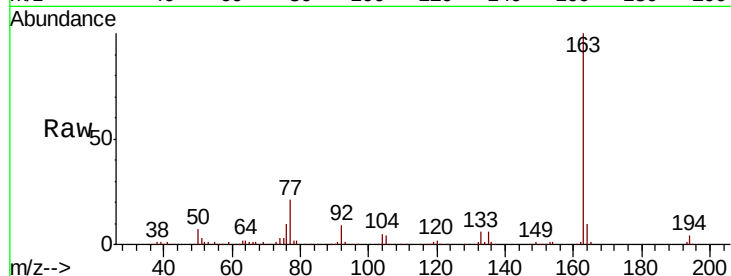
#50
Dimethylphthalate
Concen: 4.516 ng
RT: 9.35 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF115264.D
Acq: 28 Jun 2019 4:55

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-E

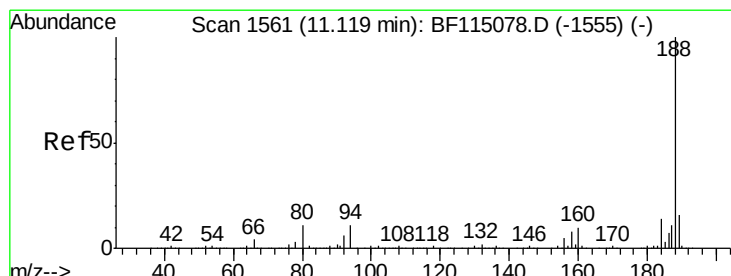
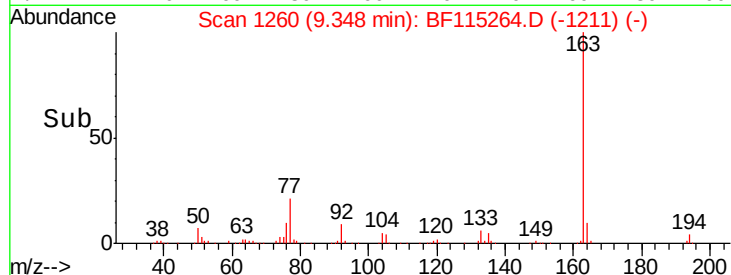
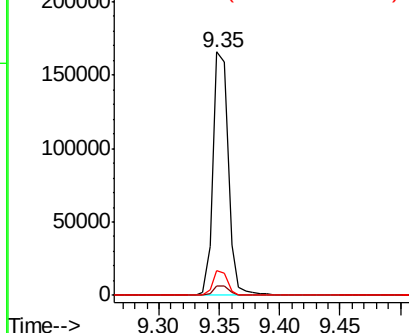
Tot Ion	Ratio	Resp	Lower	Upper
163	100	144674		
194	3.9	3.2	4.8	
164	10.1	8.6	13.0	

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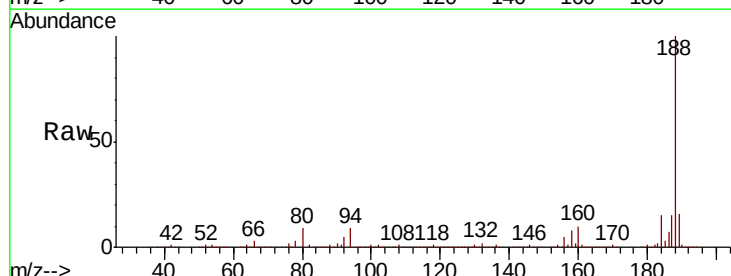


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

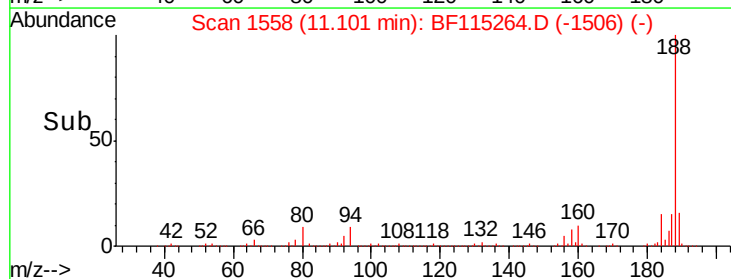
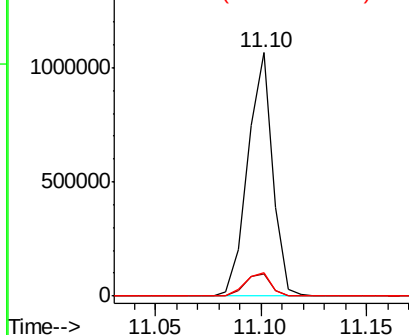


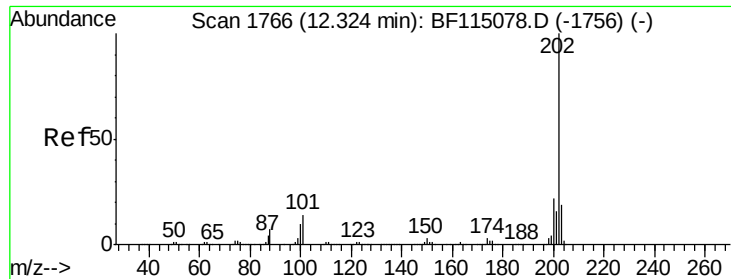
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF115264.D
Acq: 28 Jun 2019 4:55

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	868241		
94	9.2	8.6	12.8	
80	9.4	8.8	13.2	



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





#75

Fluoranthene

Concen: 3.577 ng

RT: 12.30 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF115264.D

Acq: 28 Jun 2019 4:55

Instrument :

BNA_F

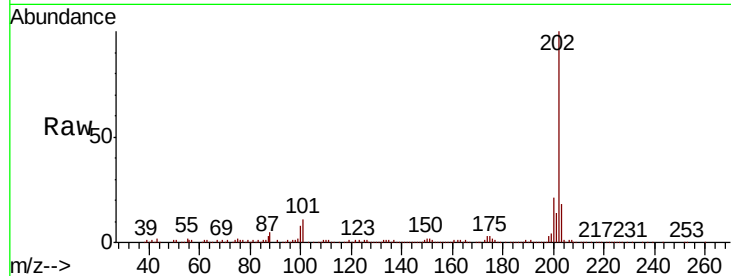
ClientSampleId :

CL-02-062619-E

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		166838		
101	10.9	0.0	34.0		
203	17.5	0.0	38.8		

Manual Integrations
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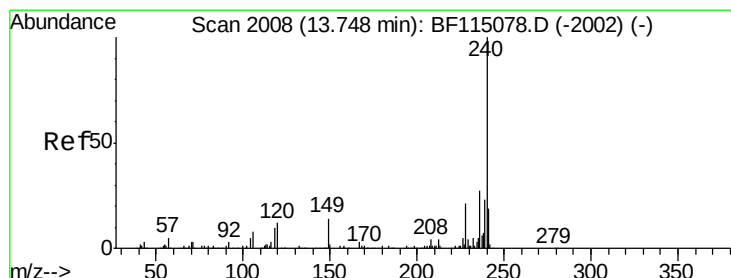
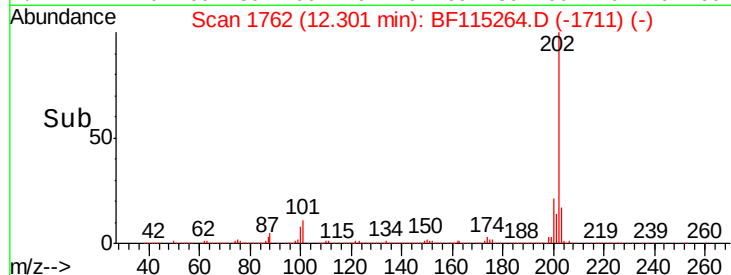
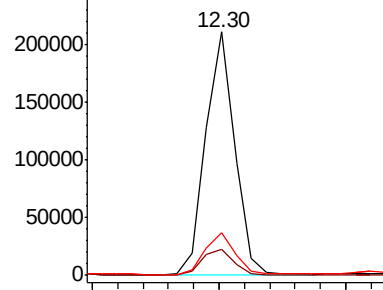


Abundance

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

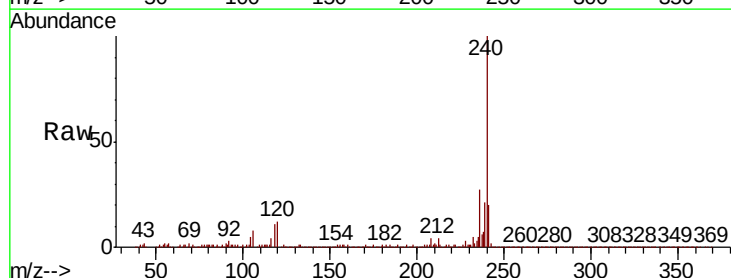
RT: 13.72 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF115264.D

Acq: 28 Jun 2019 4:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		616507		
120	12.4	9.4	14.2		
236	26.8	21.7	32.5		

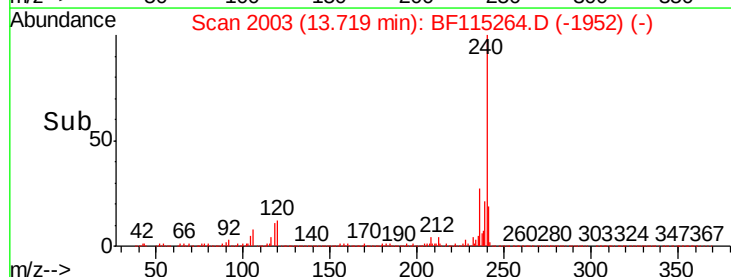
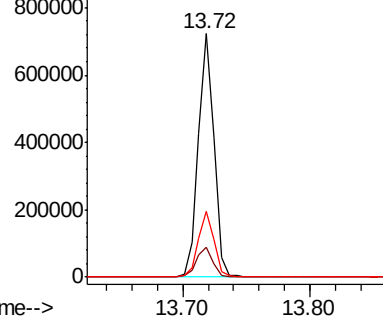


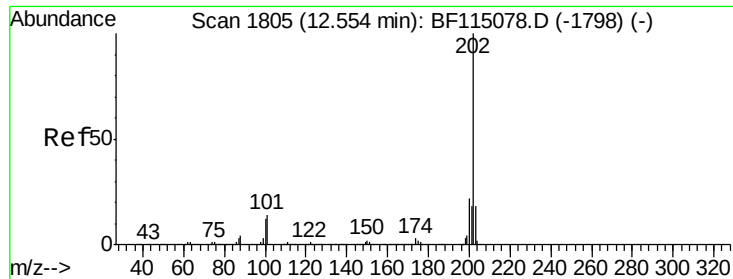
Abundance

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





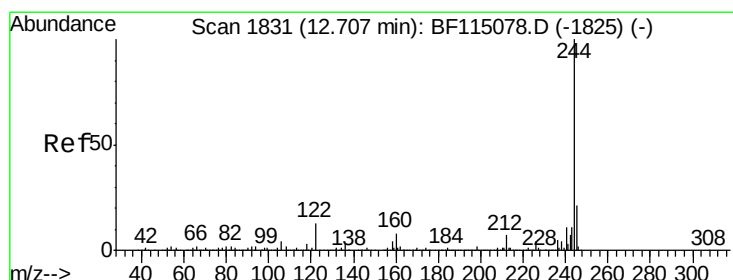
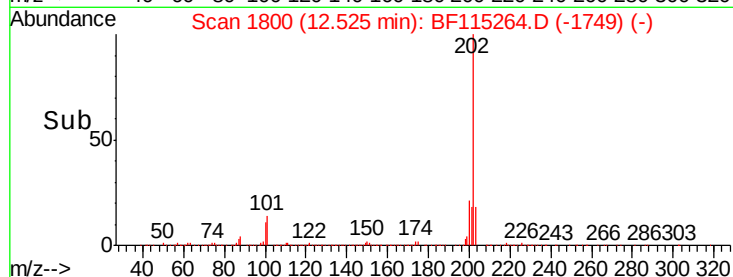
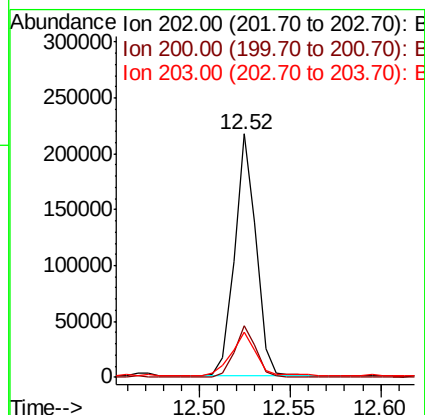
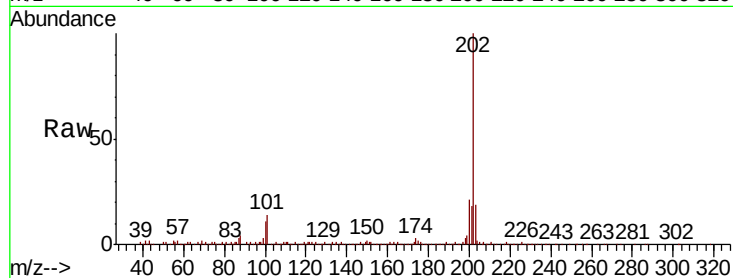
#78
Pvrene
Concen: 3.784 ng
RT: 12.52 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BF115264.D
Acq: 28 Jun 2019 4:55

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-E

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.3	17.9	26.9
203	18.5	14.6	21.8

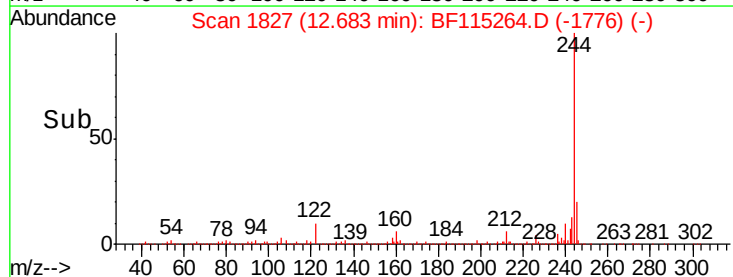
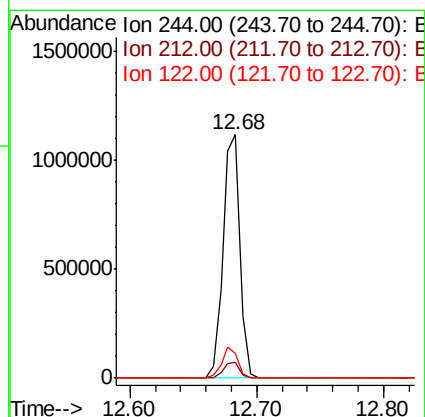
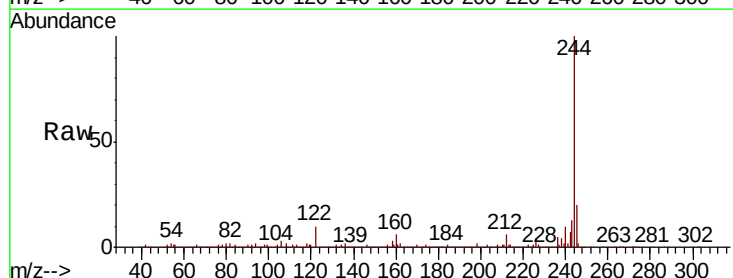
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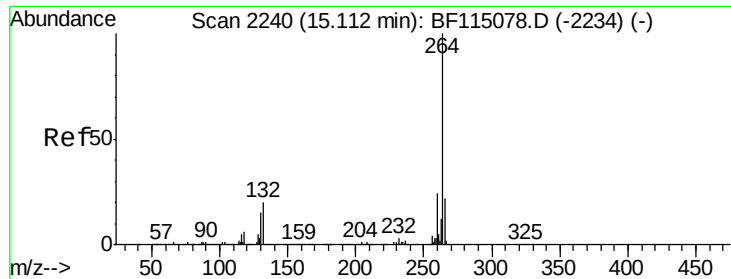
mohammad
6/28/2019 2:59:15 PM



#79
Terphenyl-d14
Concen: 35.869 ng
RT: 12.68 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF115264.D
Acq: 28 Jun 2019 4:55

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.3	5.8	8.6
122	10.4	10.4	15.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.08 min Scan# 2235

Delta R.T. 0.00 min

Lab File: BF115264.D

Acq: 28 Jun 2019 4:55

Instrument :

BNA_F

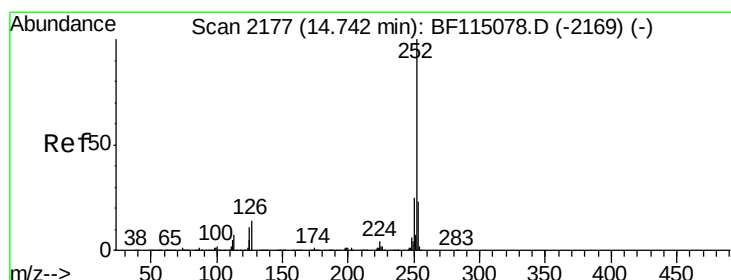
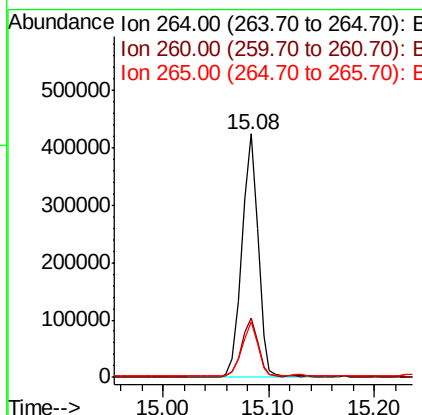
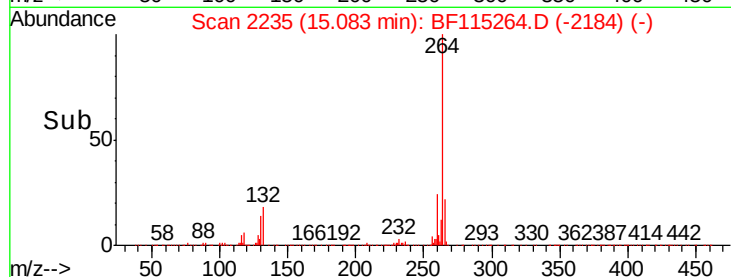
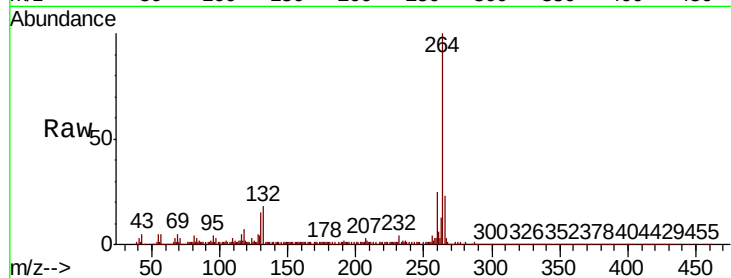
ClientSampleId :

CL-02-062619-E

Tot Ion:	264	Resp:	441865
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.6	29.4
265	22.6	17.3	25.9

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 2.684 ng m

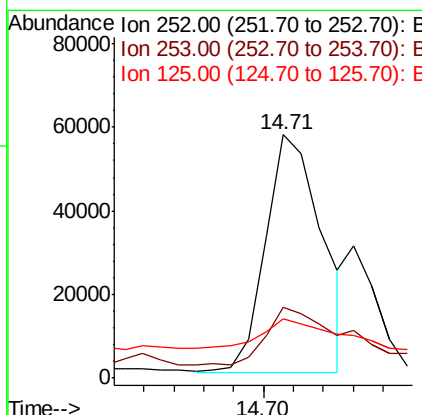
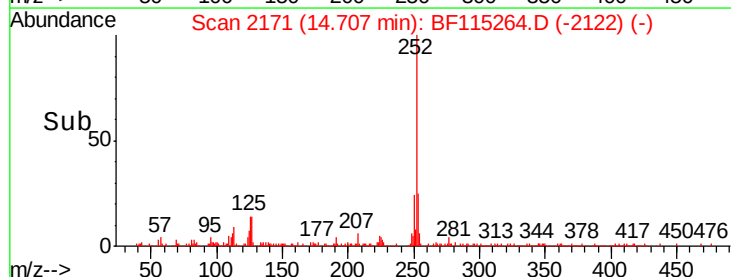
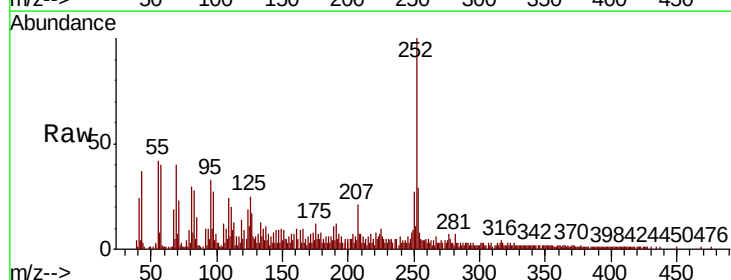
RT: 14.71 min Scan# 2171

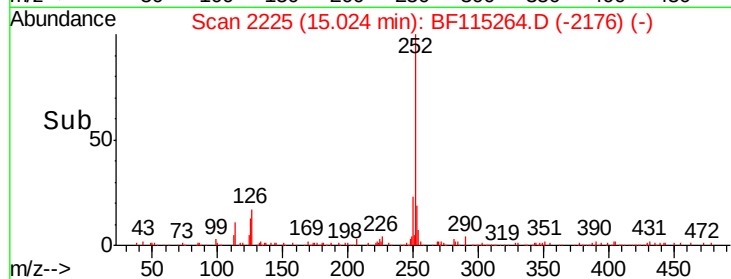
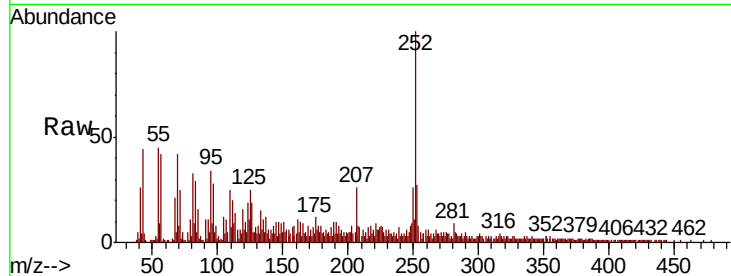
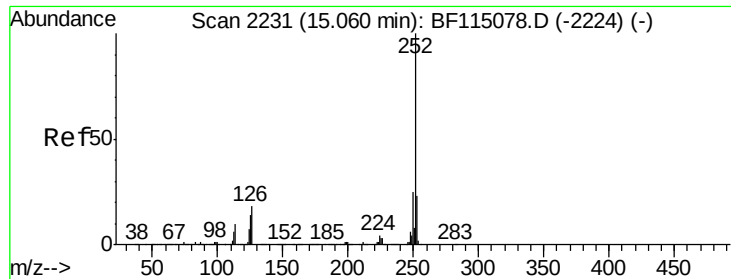
Delta R.T. -0.01 min

Lab File: BF115264.D

Acq: 28 Jun 2019 4:55

Tgt Ion:	252	Resp:	74002
Ion Ratio	Lower	Upper	
252	100		
253	29.1	18.1	27.1#
125	24.6	8.7	13.1#





#90

Benzo(a)pyrene

Concen: 2.036 ng

RT: 15.02 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BF115264.D

Acq: 28 Jun 2019 4:55

Instrument :

BNA_F

ClientSampleId :

CL-02-062619-E

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	26.6	18.3	27.5
125	24.6	10.9	16.3

Manual Integrations
APPROVED

mohammad
6/28/2019 2:59:15 PM

