

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
 Data File : BF112781.D
 Acq On : 1 Mar 2019 00:27
 Operator : JU/SJ
 Sample : K1651-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-327

Manual Integrations
 APPROVED

Sohil
 3/1/2019 3:00:24 PM

Quant Time: Mar 01 07:21:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 16:08:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	92672	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	366883	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	172102	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	334834	20.00	ng	0.00
76) Chrysene-d12	13.87	240	216841	20.00	ng	0.00
87) Perylene-d12	15.28	264	229234	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	18177	3.05	ng	0.00
7) Phenol-d6	6.36	99	202446	27.05	ng	0.00
23) Nitrobenzene-d5	7.30	82	416479	67.93	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	254	0.14	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	820981	81.29	ng	0.00
79) Terphenyl-d14	12.83	244	808972	72.32	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	54264	4.276	ng	98
75) Fluoranthene	12.45	202	106165	5.948	ng	97
78) Pyrene	12.68	202	103303	5.651	ng	97
81) Benzo(a)anthracene	13.86	228	40574	2.700	ng	99
83) Chrysene	13.90	228	76558	5.201	ng	99
88) Benzo(b)fluoranthene	14.88	252	41596m	2.805	ng	

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

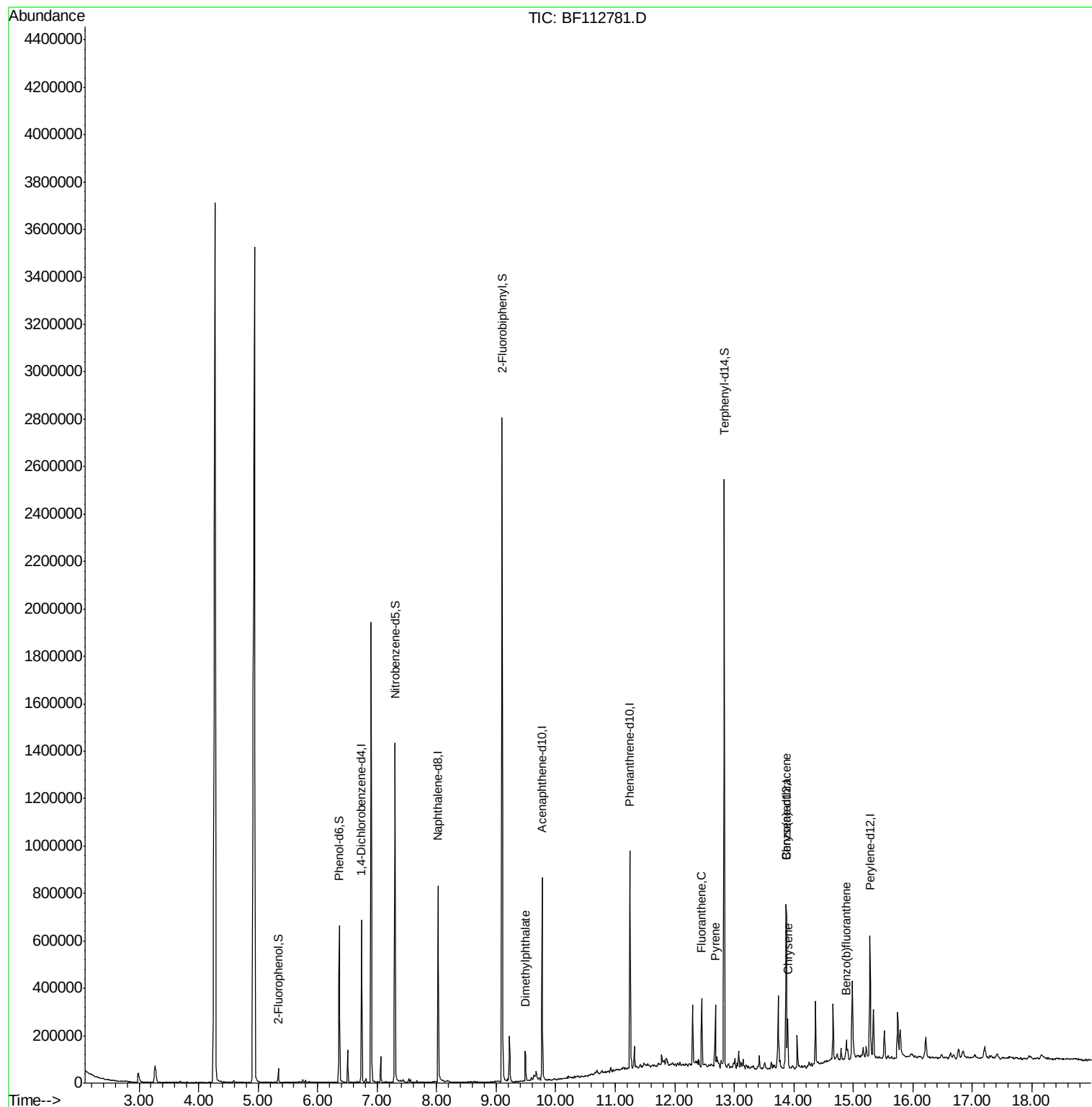
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
Data File : BF112781.D
Acq On : 1 Mar 2019 00:27
Operator : JU/SJ
Sample : K1651-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

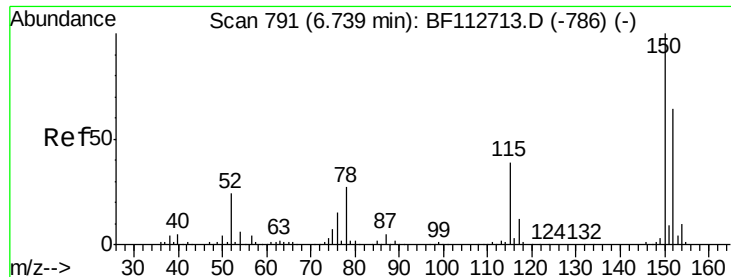
Instrument :
BNA_F
ClientSampleId :
CON-327

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Quant Time: Mar 01 07:21:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 27 16:08:50 2019
Response via : Initial Calibration





#1

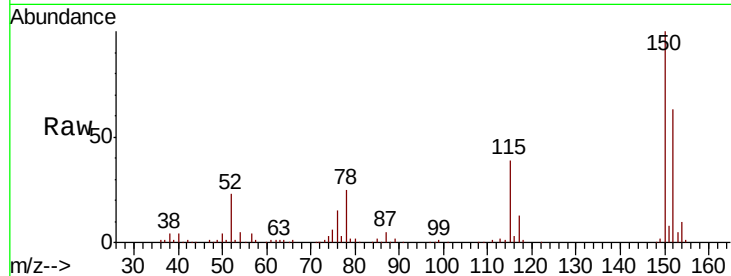
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112781.D
Acq: 1 Mar 2019 00:27

Instrument :
BNA_F
ClientSampled :
CON-327

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.2	186.2
115	62.1	48.2	72.4

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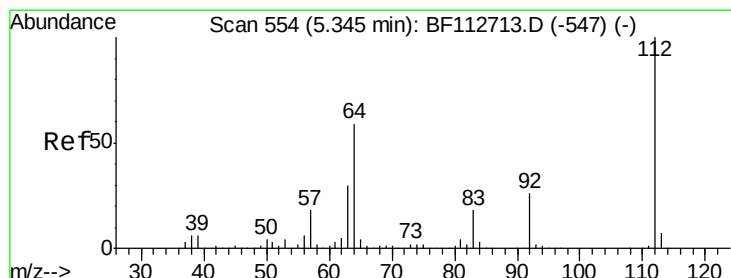
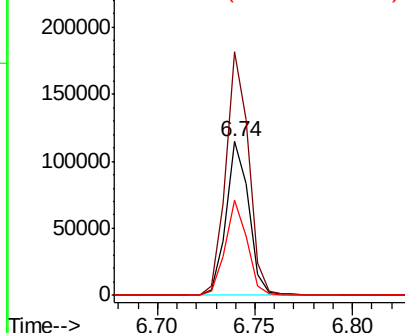
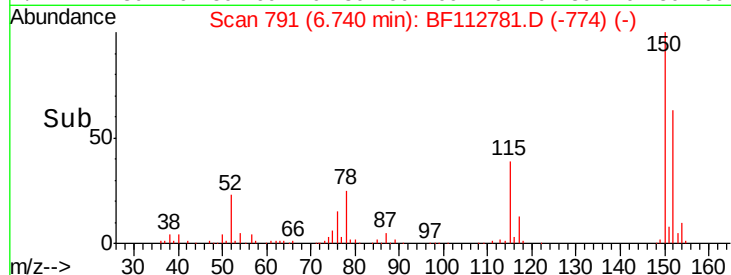


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

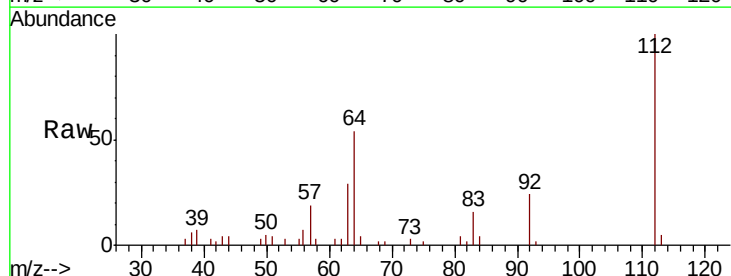
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 3.051 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112781.D
Acq: 1 Mar 2019 00:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	47.6	71.4
63	29.2	24.4	36.6

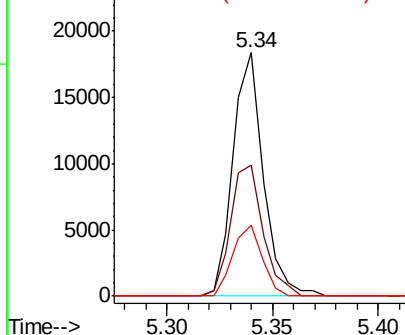
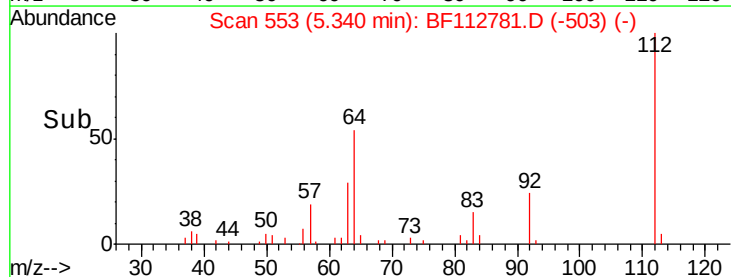


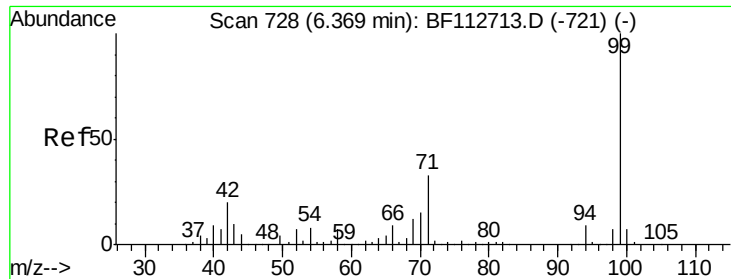
Abundance

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: 27.052 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112781.D

Acq: 1 Mar 2019 00:27

Instrument :

BNA_F

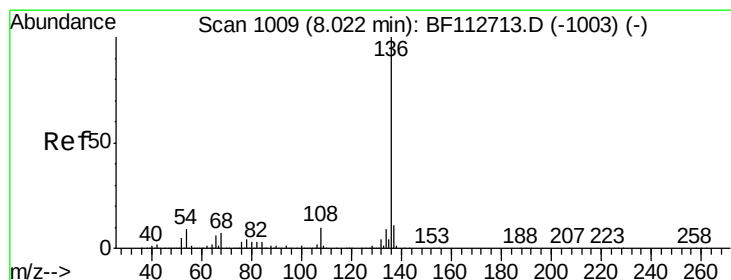
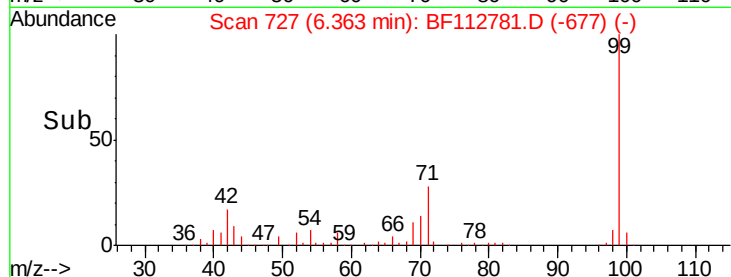
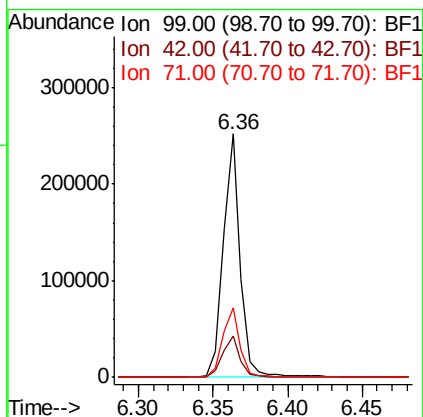
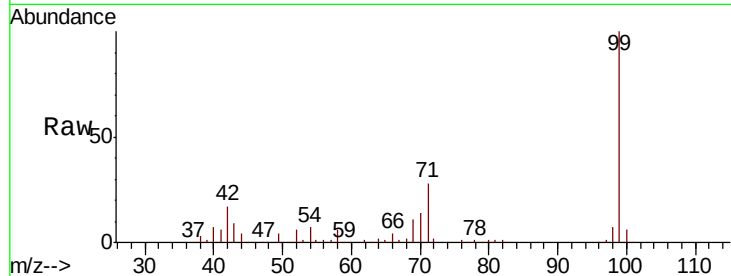
ClientSampleId :

CON-327

Tot Ion:	99	Resp:	202446
Ion Ratio	Lower	Upper	
99	100		
42	17.2	16.3	24.5
71	28.4	26.2	39.4

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#21

Naphthalene-d8

Concen: 20.000 ng

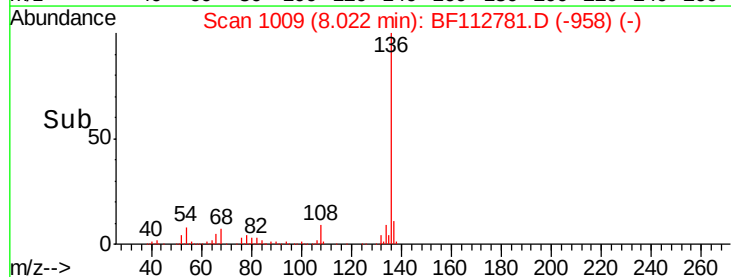
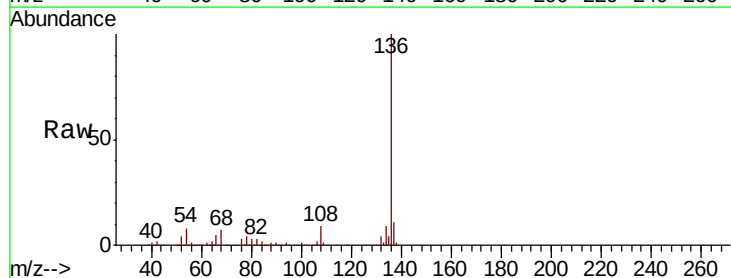
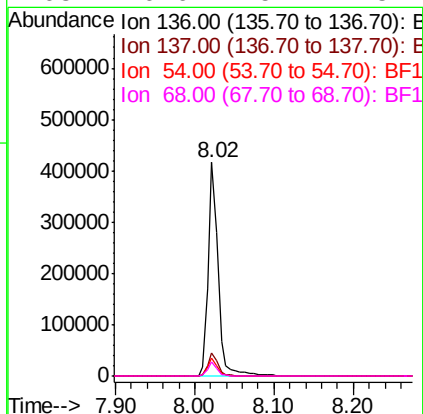
RT: 8.02 min Scan# 1009

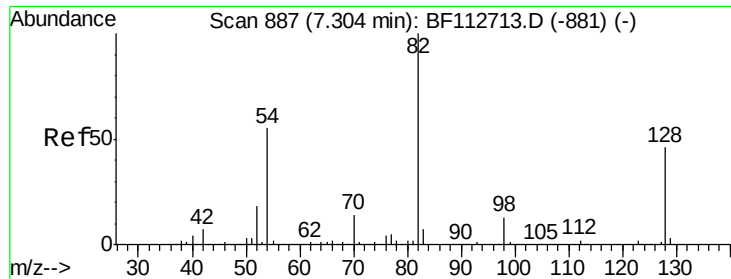
Delta R.T. 0.00 min

Lab File: BF112781.D

Acq: 1 Mar 2019 00:27

Tgt Ion:	136	Resp:	366883
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.9	13.3
54	8.2	7.3	10.9
68	6.6	5.4	8.2





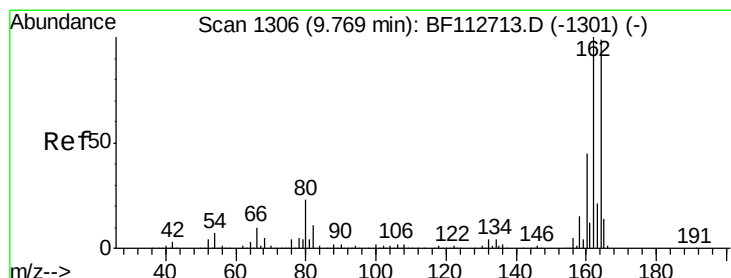
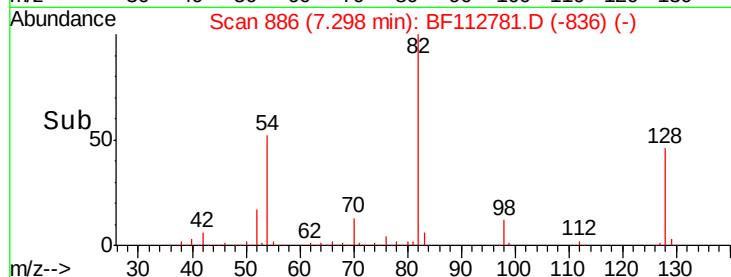
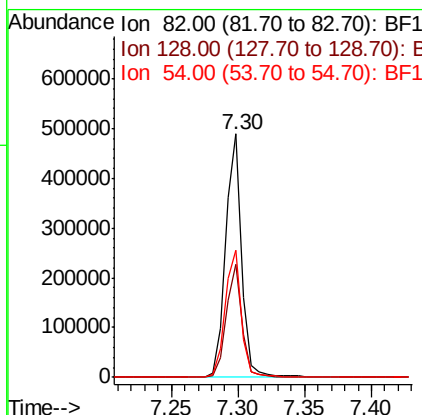
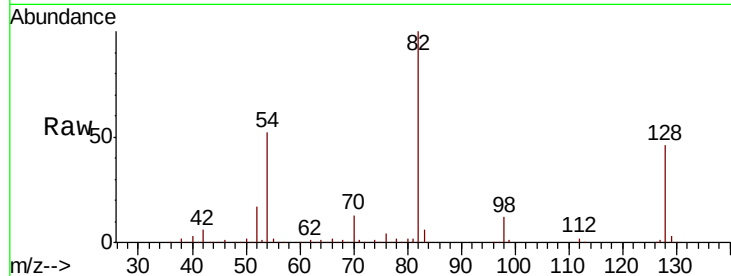
#23
Nitrobenzene-d5
Concen: 67.927 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112781.D
Acq: 1 Mar 2019 00:27

Instrument :
BNA_F
ClientSampled :
CON-327

Tot Ion	82	Resp	416479
Ion Ratio	100	Lower	Upper
128	46.2	36.3	54.5
54	52.1	43.7	65.5

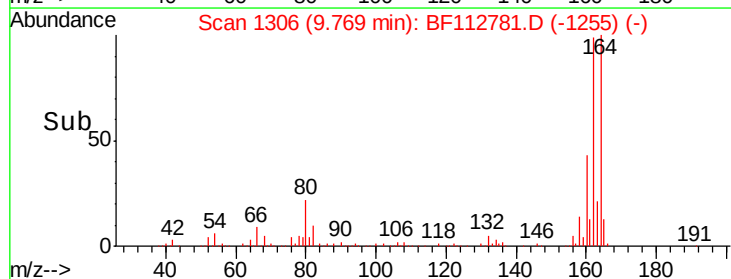
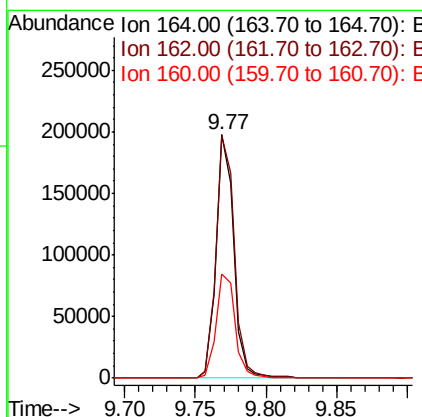
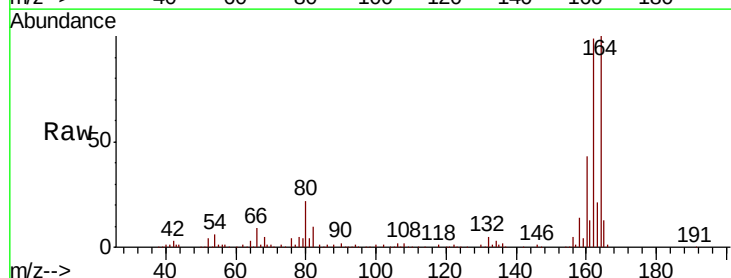
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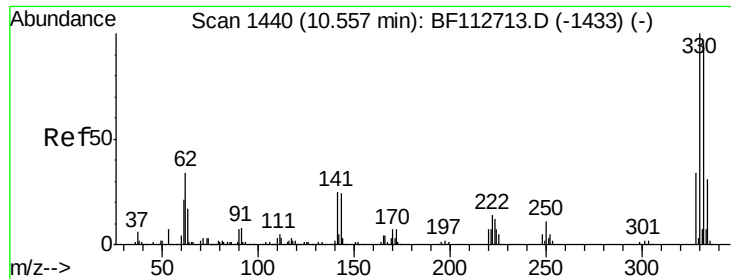
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112781.D
Acq: 1 Mar 2019 00:27

Tgt Ion	164	Resp	172102
Ion Ratio	100	Lower	Upper
162	99.3	80.6	120.8
160	42.6	36.0	54.0





#42

2,4,6-Tribromophenol

Concen: 0.139 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF112781.D

Acq: 1 Mar 2019 00:27

Instrument :

BNA_F

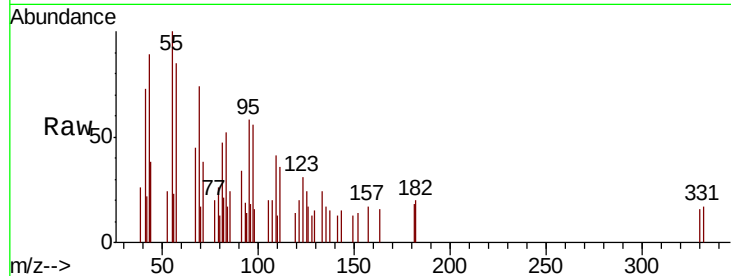
ClientSampled :

CON-327

Tot Ion	Ratio	Lower	Upper
330	100		
332	105.9	76.2	114.4
141	86.6	27.0	40.6

Manual Integrations
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3/1/2019 3:00:24 PM

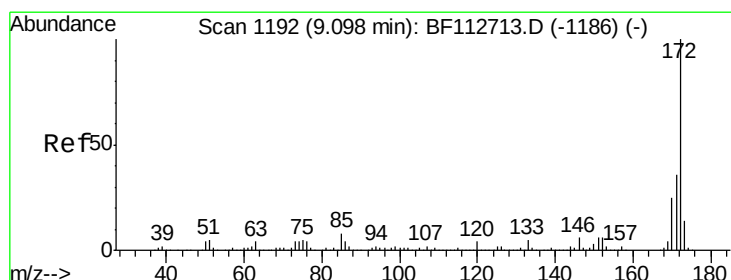
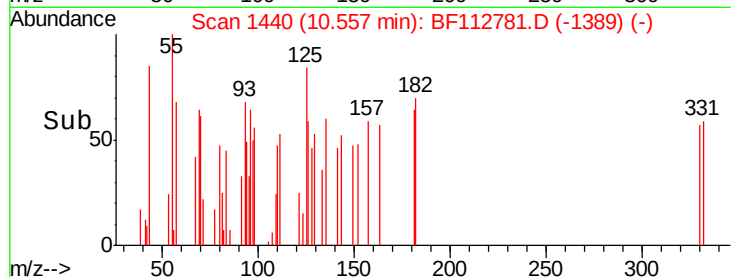
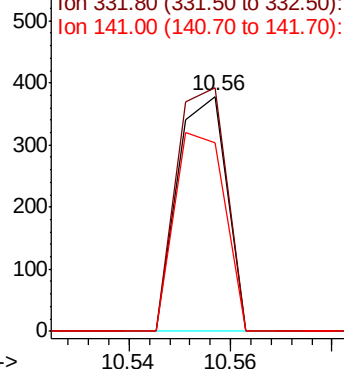


Abundance

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: 81.289 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF112781.D

Acq: 1 Mar 2019 00:27

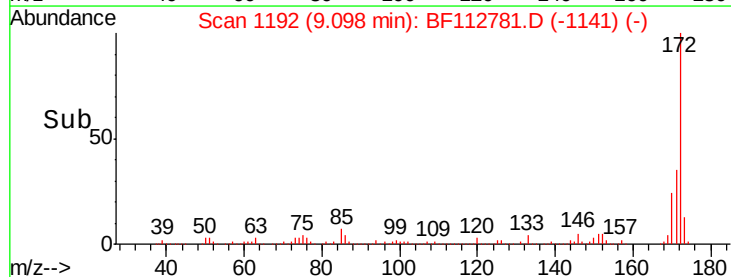
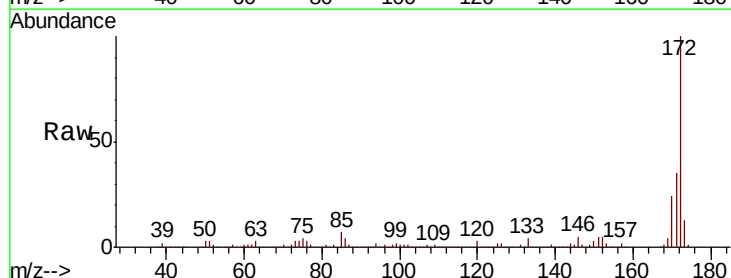
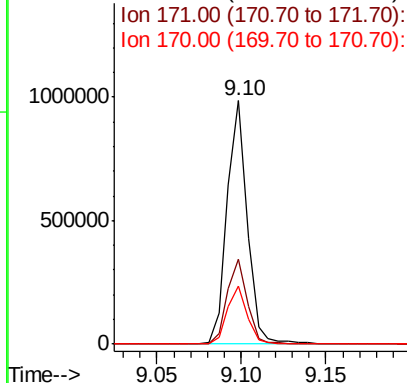
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.0	43.4
170	24.0	20.0	30.0

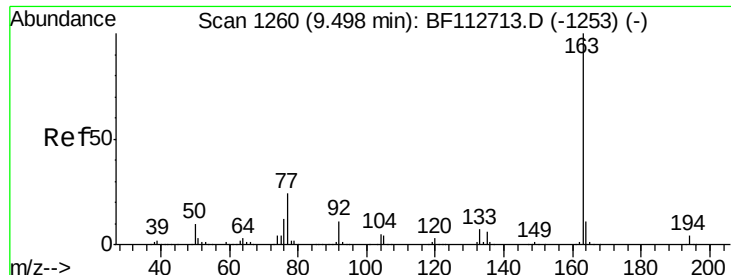
Abundance

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





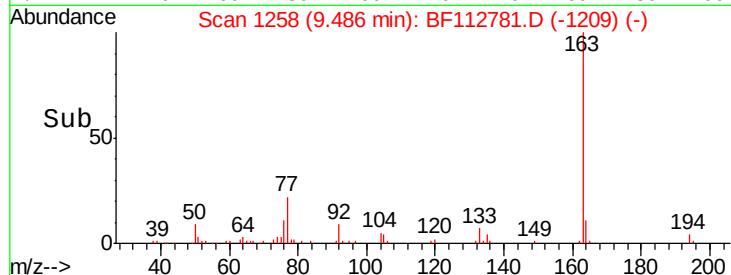
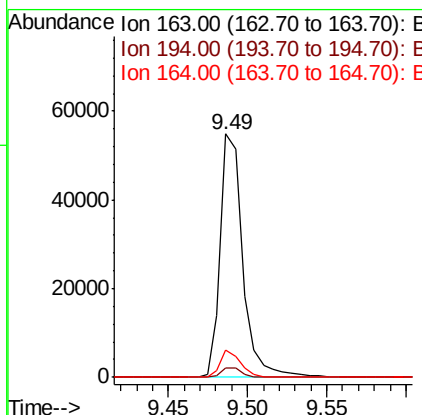
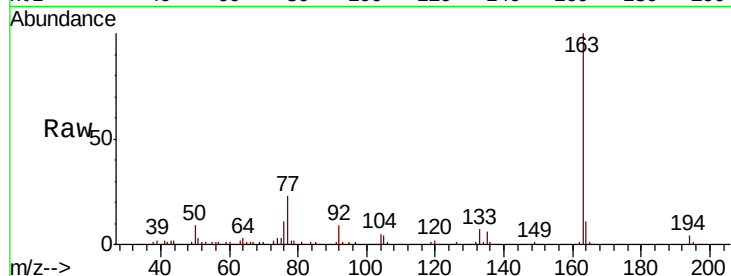
#50
Dimethylphthalate
Concen: 4.276 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112781.D
Acq: 1 Mar 2019 00:27

Instrument :
BNA_F
ClientSampleId :
CON-327

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		54264		
194	4.1	3.0	4.4		
164	11.5	8.4	12.6		

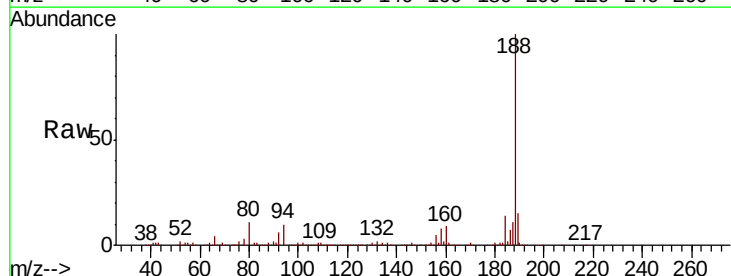
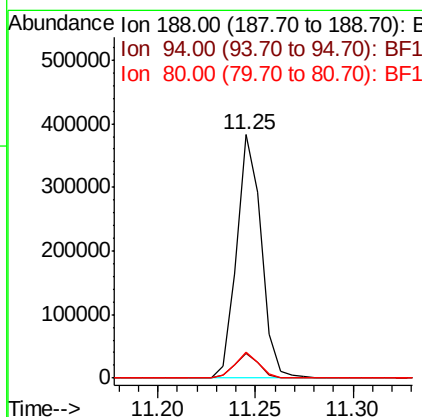
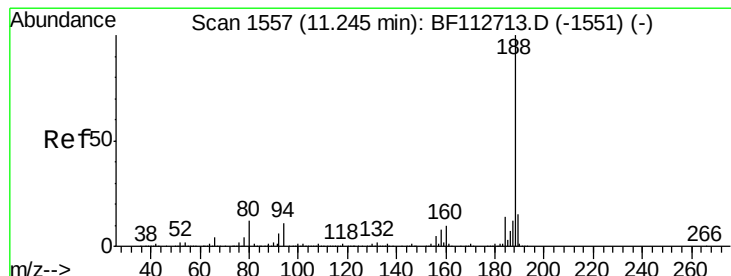
Manual Integrations
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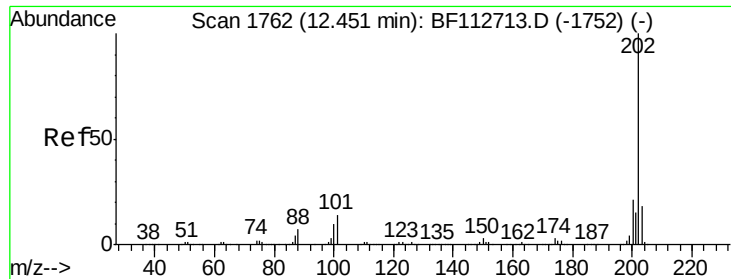
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3/1/2019 3:00:24 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF112781.D
Acq: 1 Mar 2019 00:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		334834		
94	10.3	9.0	13.4		
80	10.6	9.2	13.8		





#75

Fluoranthene

Concen: 5.948 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF112781.D

Acq: 1 Mar 2019 00:27

Instrument :

BNA_F

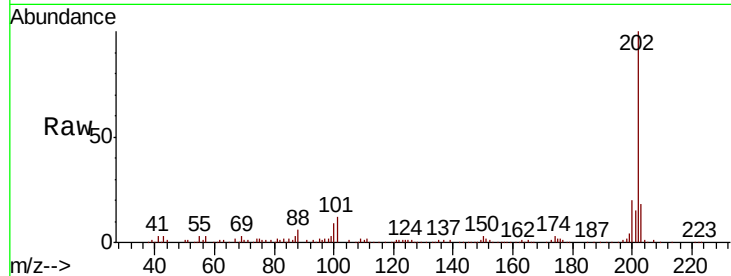
ClientSampleId :

CON-327

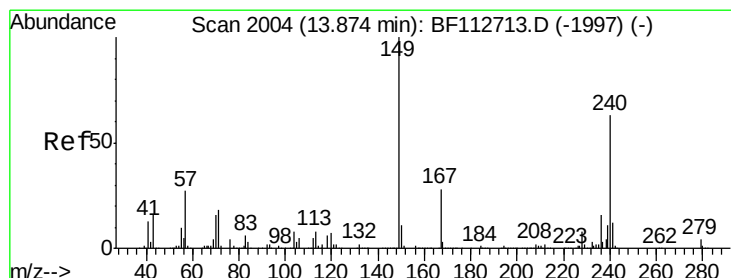
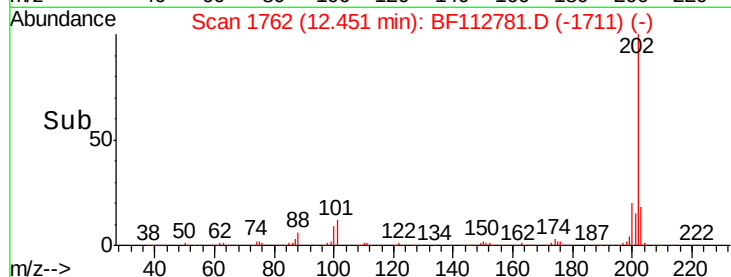
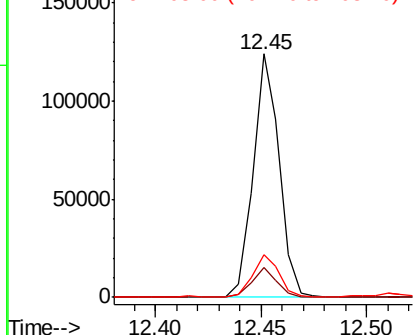
Tot Ion:	202	Resp:	106165
Ion Ratio		Lower	Upper
202	100		
101	12.2	0.0	33.8
203	17.6	0.0	38.4

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

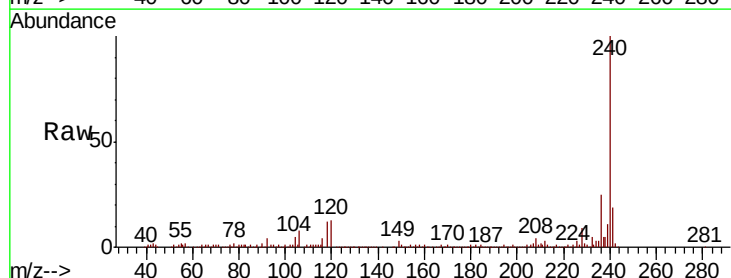
RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

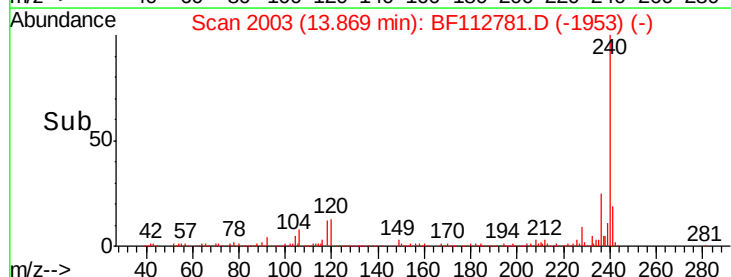
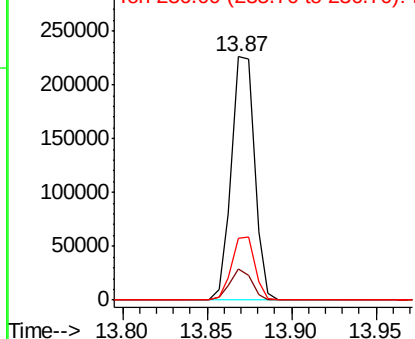
Lab File: BF112781.D

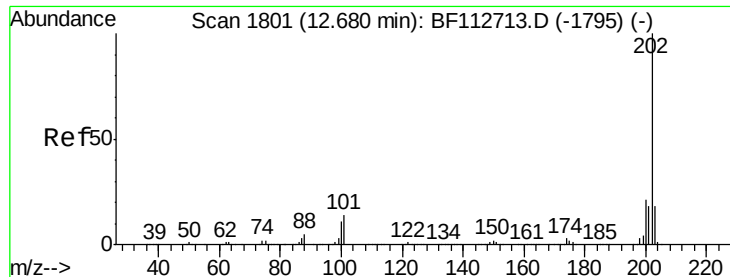
Acq: 1 Mar 2019 00:27

Tgt Ion:	240	Resp:	216841
Ion Ratio		Lower	Upper
240	100		
120	12.9	8.9	13.3
236	25.4	20.7	31.1



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





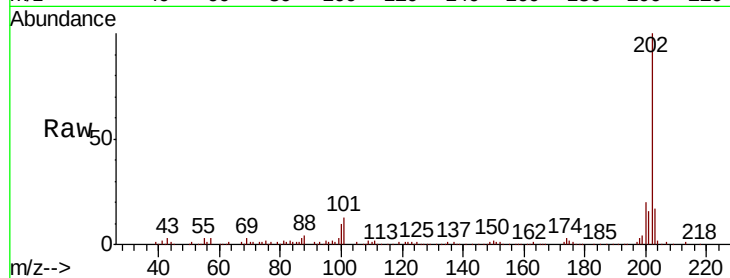
#78
Pvrene
Concen: 5.651 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF112781.D
Acq: 1 Mar 2019 00:27

Instrument :
BNA_F
ClientSampleId :
CON-327

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.0	25.4
203	16.8	14.4	21.6

Manual Integrations
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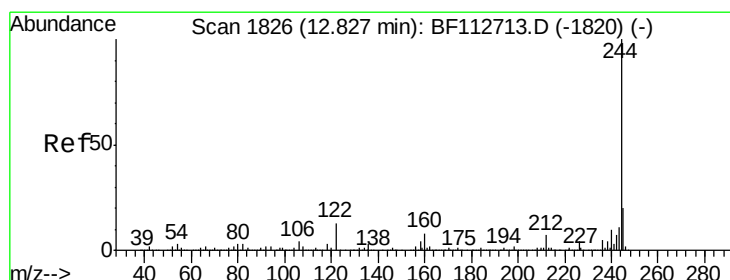
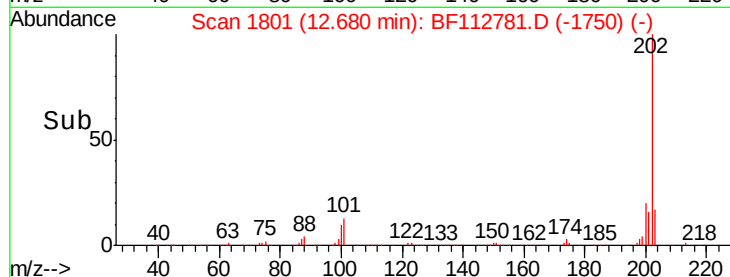
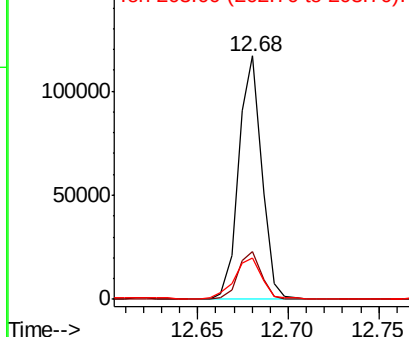


Abundance

Ion 202.00 (201.70 to 202.70): E

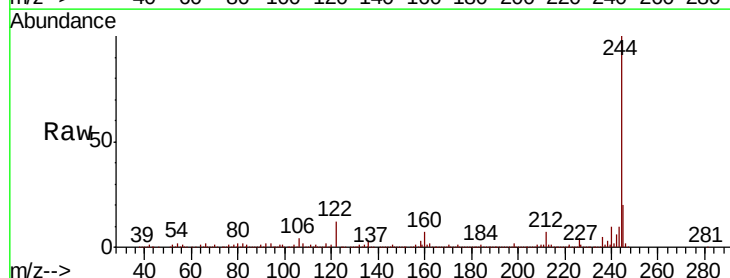
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 72.320 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF112781.D
Acq: 1 Mar 2019 00:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	11.9	10.5	15.7

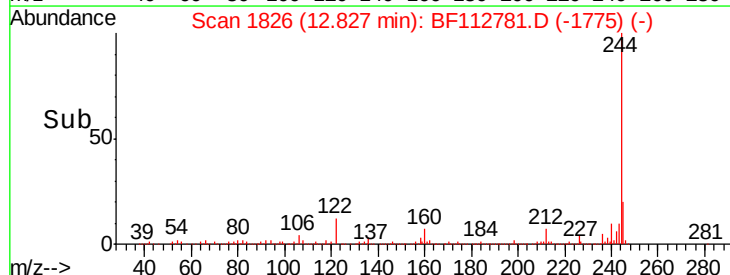
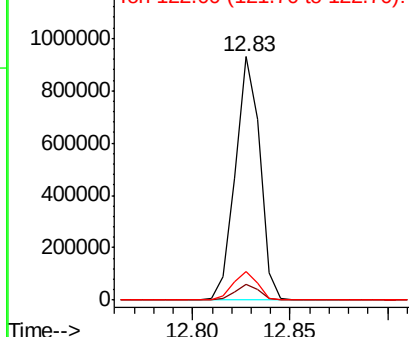


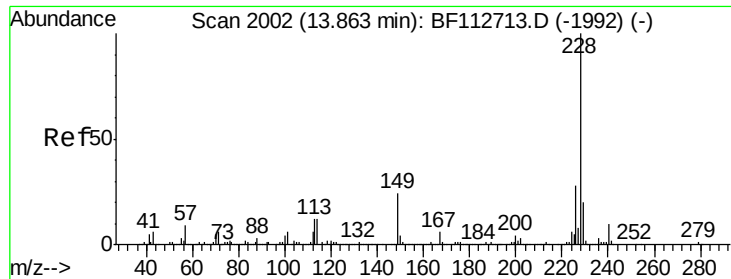
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 2.700 ng

RT: 13.86 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BF112781.D

Acq: 1 Mar 2019 00:27

Instrument :

BNA_F

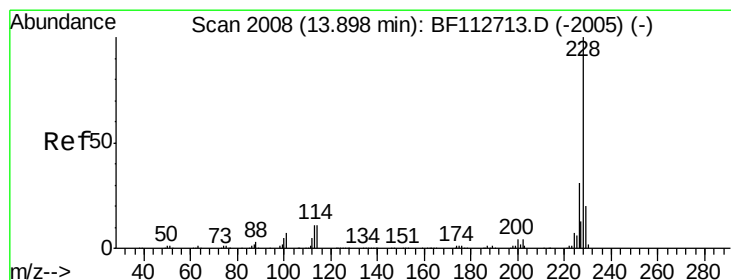
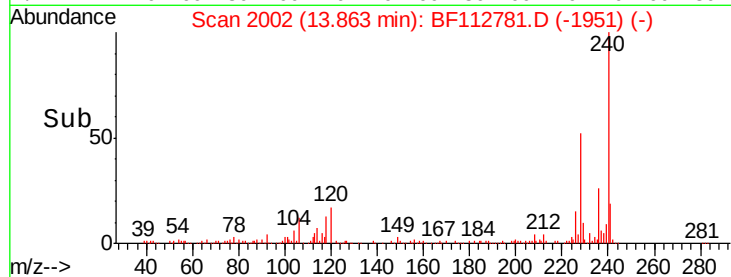
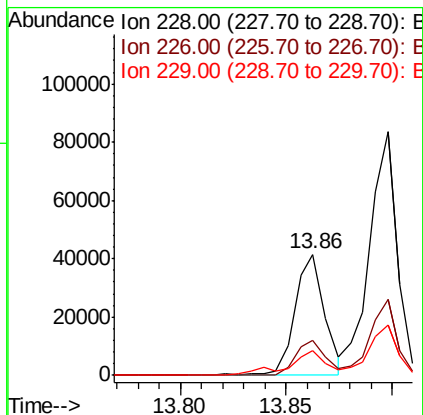
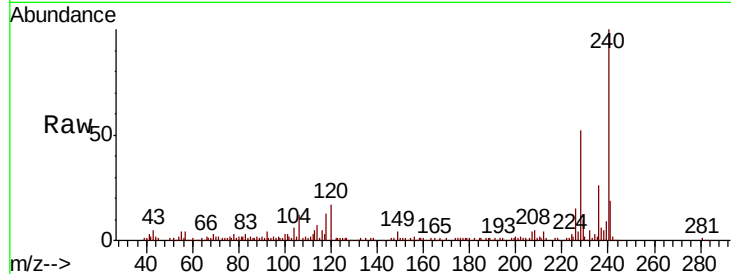
ClientSampled :

CON-327

Tot Ion:	228	Resp:	40574
Ion Ratio	Lower	Upper	
228	100		
226	29.0	22.2	33.4
229	20.2	16.0	24.0

Manual Integrations
APPROVED

Sohil
3/1/2019 3:00:24 PM



#83

Chrysene

Concen: 5.201 ng

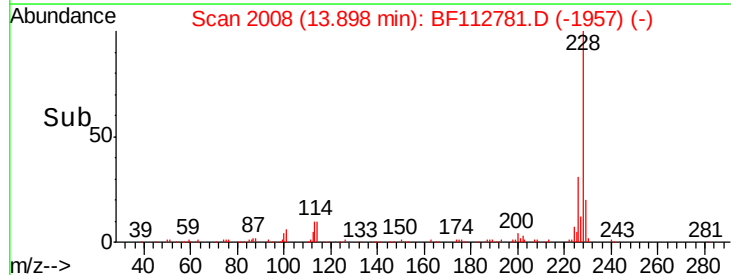
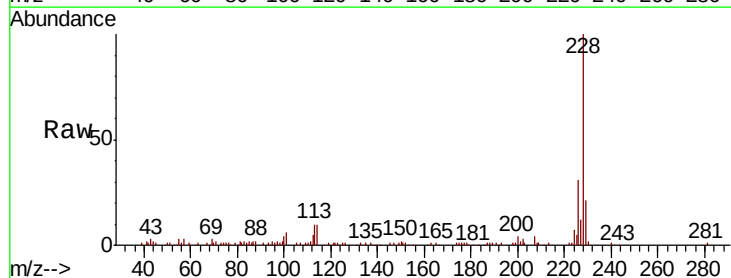
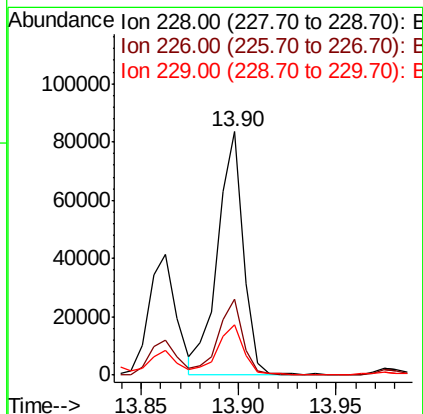
RT: 13.90 min Scan# 2008

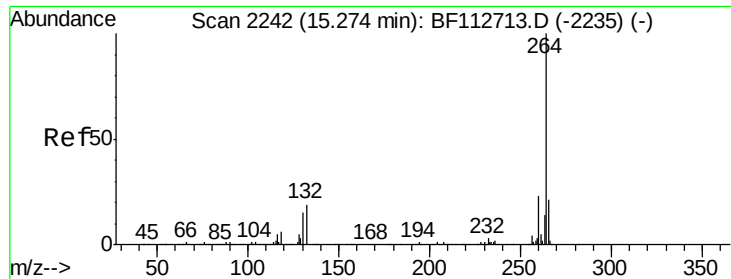
Delta R.T. 0.00 min

Lab File: BF112781.D

Acq: 1 Mar 2019 00:27

Tgt Ion:	228	Resp:	76558
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.9	37.3
229	20.9	16.3	24.5





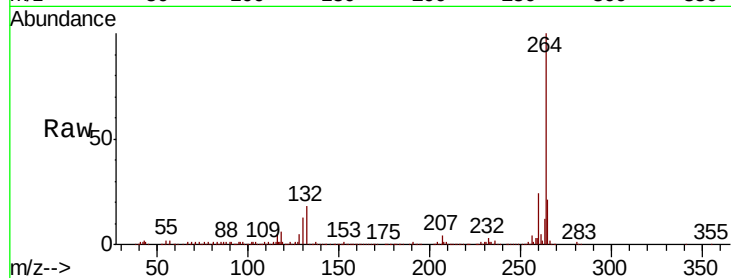
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF112781.D
Acq: 1 Mar 2019 00:27

Instrument :
BNA_F
ClientSampled :
CON-327

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.3	17.2	25.8

Manual Integrations
APPROVED

Sohil
3/1/2019 3:00:24 PM

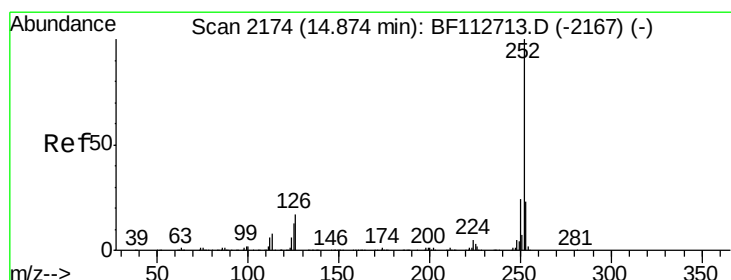
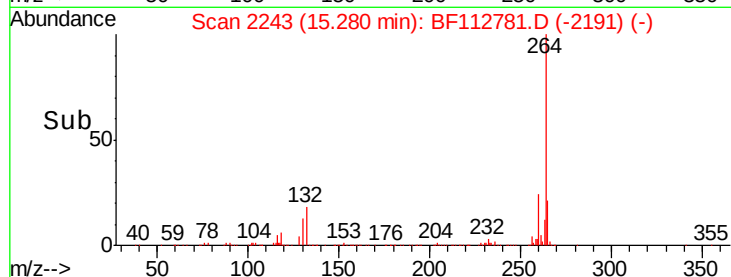
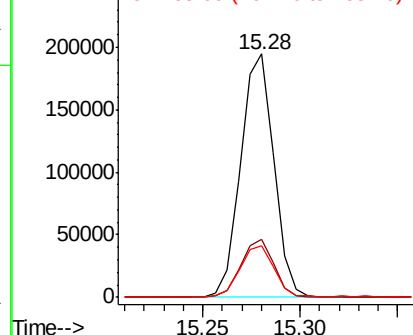


Abundance

Ion 264.00 (263.70 to 264.70): E

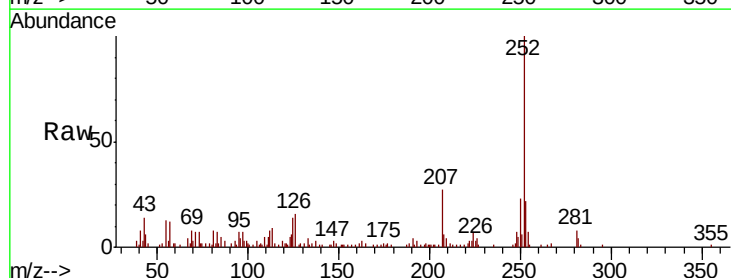
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 2.805 ng m
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF112781.D
Acq: 1 Mar 2019 00:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	13.8	10.2	15.2



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

