

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
 Data File : BF112761.D
 Acq On : 28 Feb 2019 14:42
 Operator : JU/SJ
 Sample : K1358-05 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-022719

Manual Integrations
 APPROVED

Sohil
 3/1/2019 3:00:01 PM

Quant Time: Mar 01 06:03:05 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	6.75	152	198594	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	708827	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	310306	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	626186	20.00	ng	0.00
76) Chrysene-d12	13.88	240	547652	20.00	ng	0.00
87) Perylene-d12	15.29	264	400748	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	579802	45.41	ng	0.00
7) Phenol-d6	6.37	99	745538	46.49	ng	0.00
23) Nitrobenzene-d5	7.30	82	406988	34.36	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	184681	56.06	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	689783	29.55	ng	0.00
79) Terphenyl-d14	12.84	244	785810	27.81	ng	0.01
Target Compounds						
10) Phenol	6.39	94	60138	3.213	ng	86
50) Dimethylphthalate	9.49	163	49718	2.173	ng	99
71) Phenanthrene	11.27	178	81784	2.625	ng	97
75) Fluoranthene	12.46	202	99971m	2.995	ng	
78) Pyrene	12.69	202	133672	2.895	ng	97
88) Benzo(b)fluoranthene	14.89	252	77137m	2.976	ng	

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

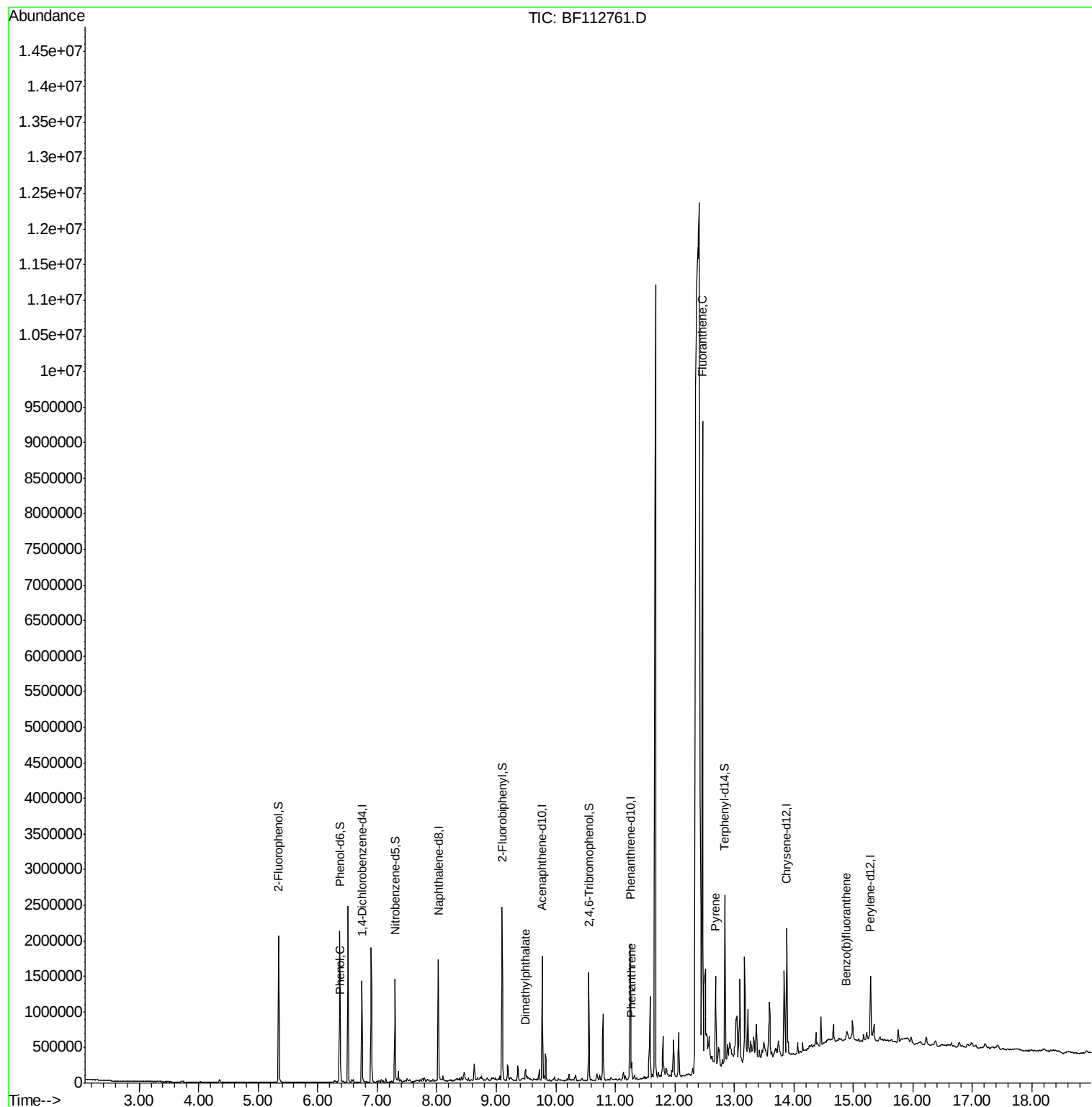
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
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ALS Vial : 11 Sample Multiplier: 1

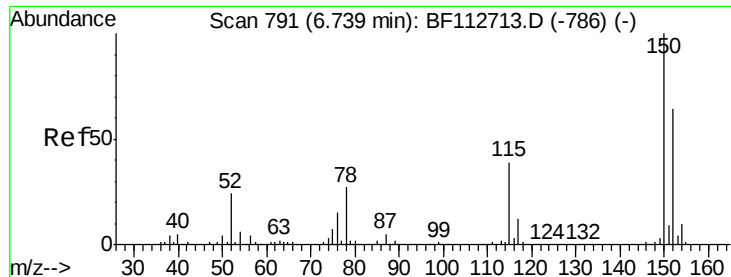
Instrument :
BNA_F
ClientSampleId :
TR-05-022719

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3/1/2019 3:00:01 PM

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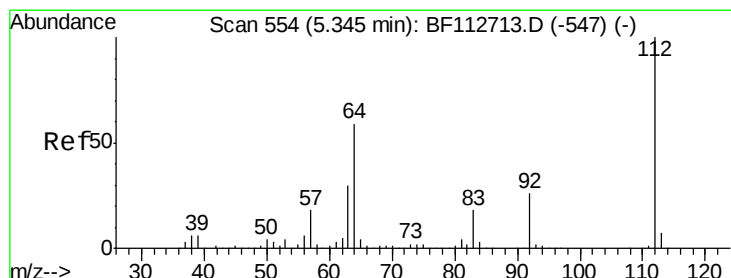
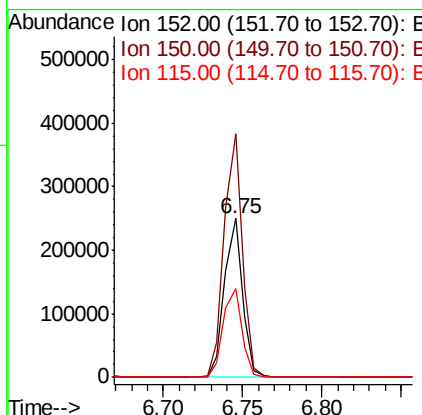
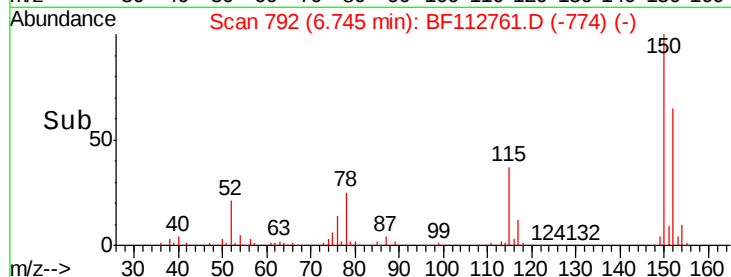
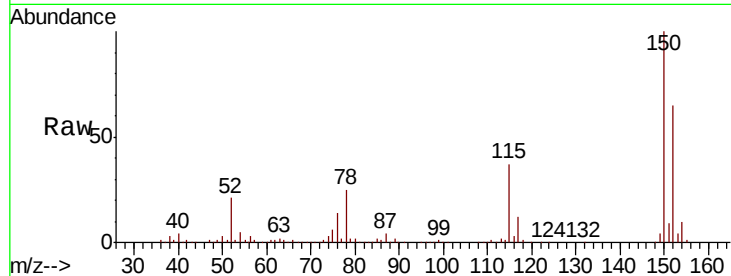
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF112761.D
 Acq: 28 Feb 2019 14:42

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-022719

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.2	186.2
115	56.0	48.2	72.4

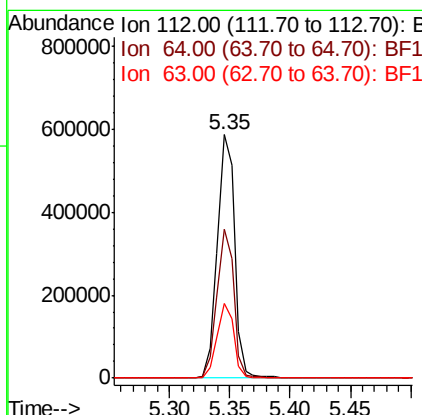
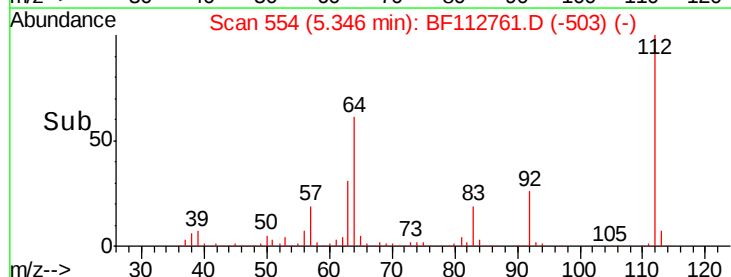
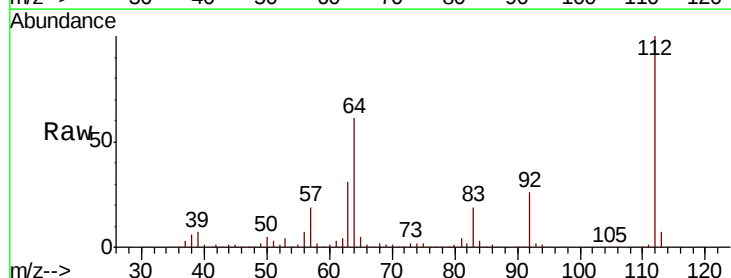
Manual Integrations
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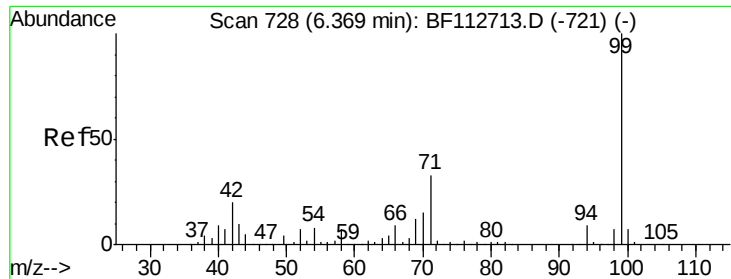
Sohil
 3/1/2019 3:00:01 PM



#5
 2-Fluorophenol
 Concen: 45.415 ng
 RT: 5.35 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF112761.D
 Acq: 28 Feb 2019 14:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	47.6	71.4
63	30.9	24.4	36.6





#7

Phenol-d6

Concen: 46.488 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112761.D

Acq: 28 Feb 2019 14:42

Instrument :

BNA_F

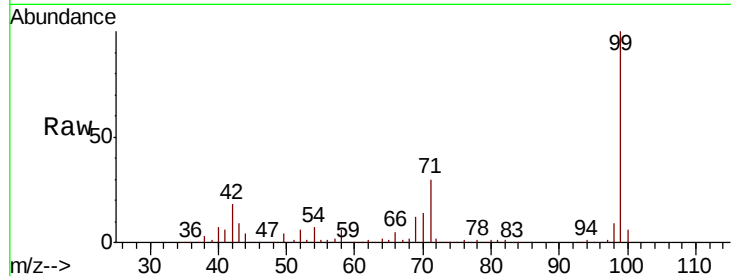
ClientSampled :

TR-05-022719

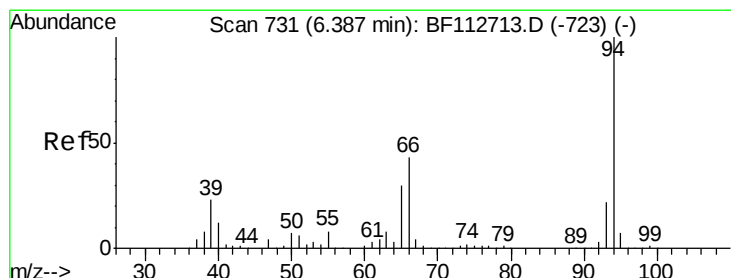
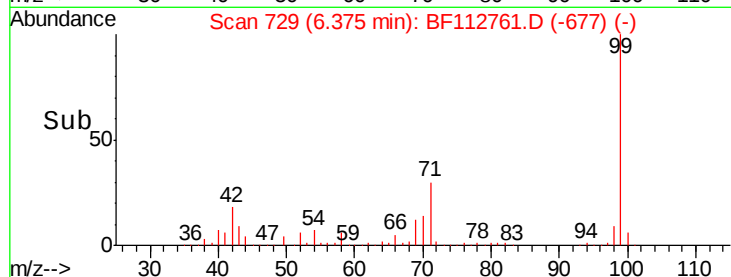
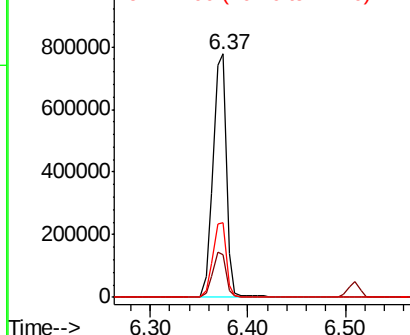
Tot Ion:	99	Resp:	745538
Ion Ratio	Lower	Upper	
99	100		
42	17.6	16.3	24.5
71	30.5	26.2	39.4

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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



#10

Phenol

Concen: 3.213 ng

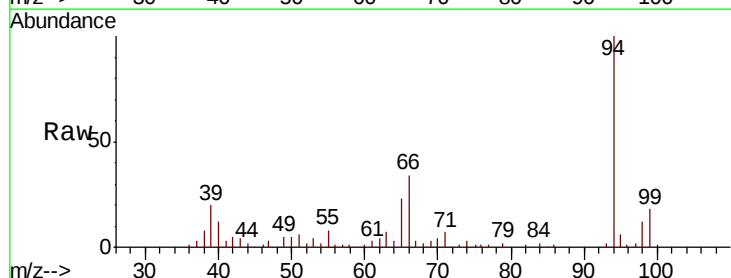
RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

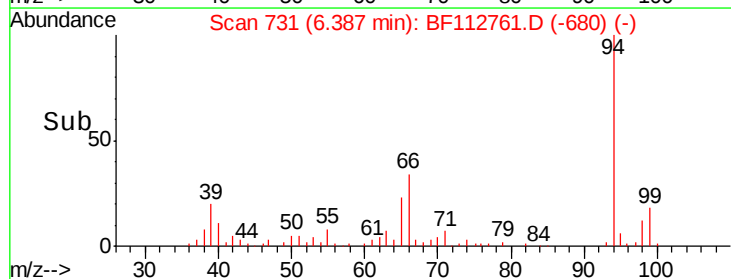
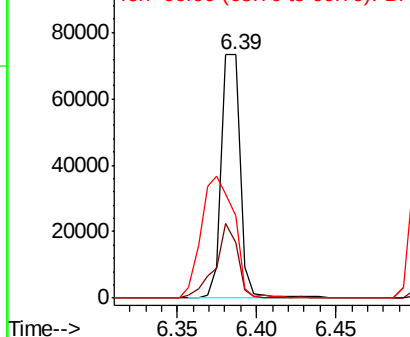
Lab File: BF112761.D

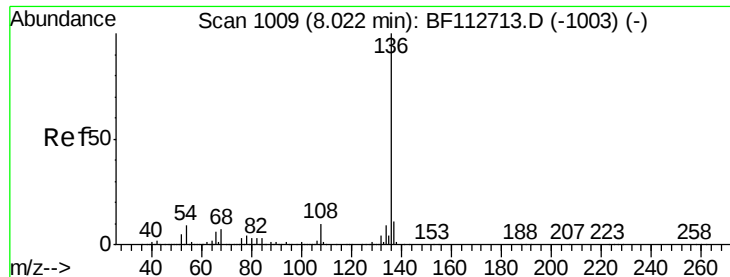
Acq: 28 Feb 2019 14:42

Tgt Ion:	94	Resp:	60138
Ion Ratio	Lower	Upper	
94	100		
65	23.0	10.5	50.5
66	34.0	22.6	62.6



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF112761.D

Acq: 28 Feb 2019 14:42

Instrument :

BNA_F

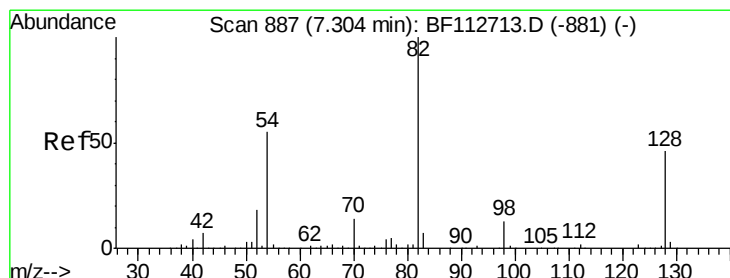
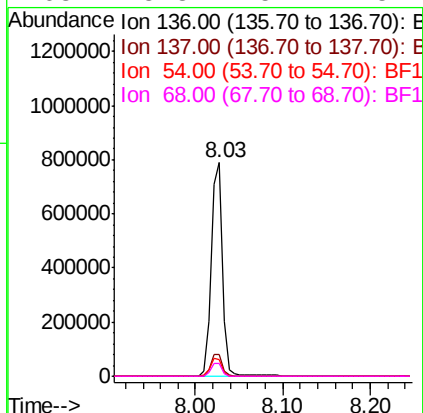
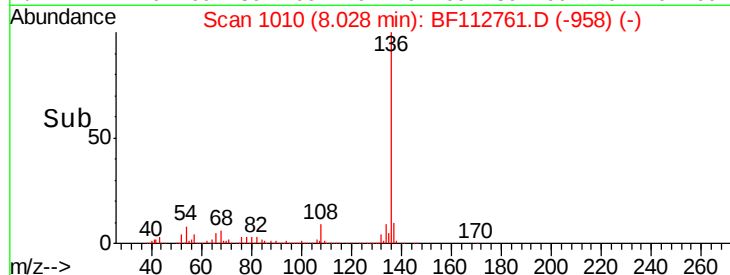
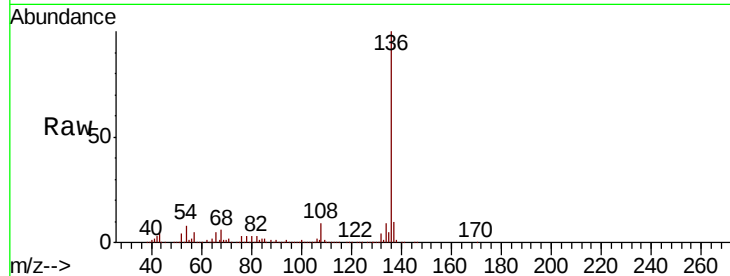
ClientSampleId :

TR-05-022719

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		708827		
137	10.5		8.9	13.3	
54	7.7		7.3	10.9	
68	5.8		5.4	8.2	

Manual Integrations
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#23

Nitrobenzene-d5

Concen: 34.357 ng

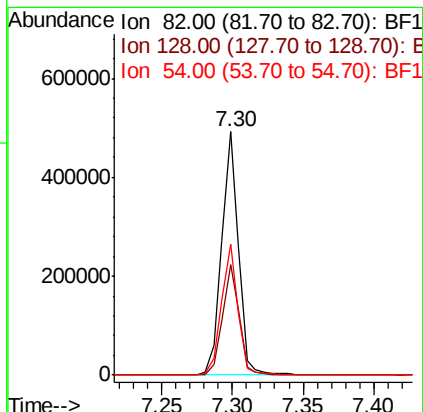
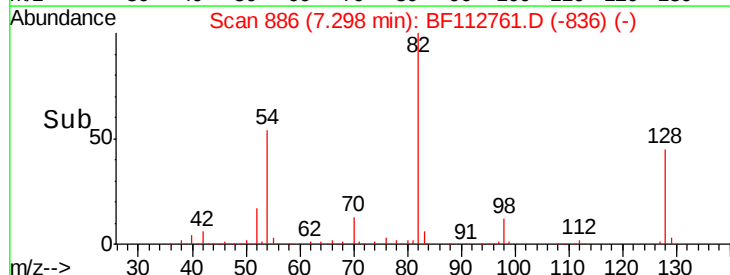
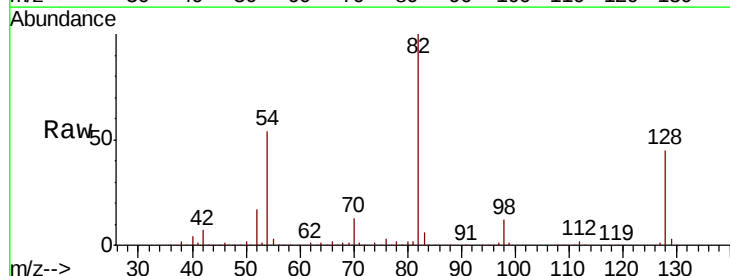
RT: 7.30 min Scan# 886

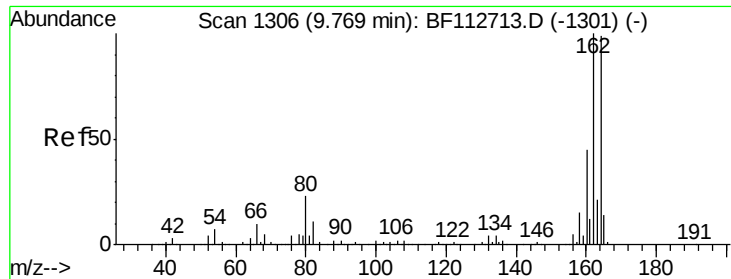
Delta R.T. -0.01 min

Lab File: BF112761.D

Acq: 28 Feb 2019 14:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		406988		
128	45.2		36.3	54.5	
54	53.5		43.7	65.5	





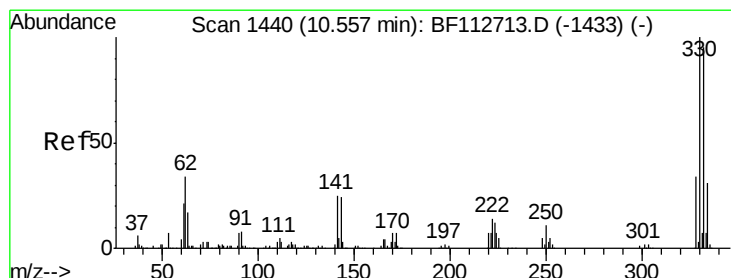
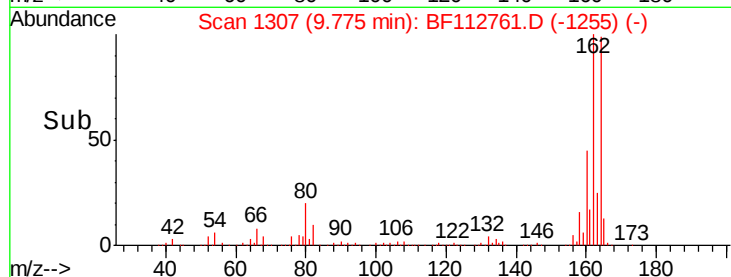
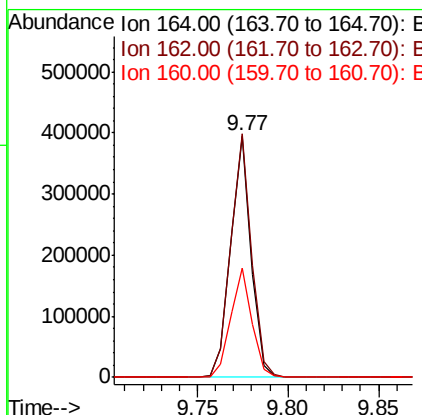
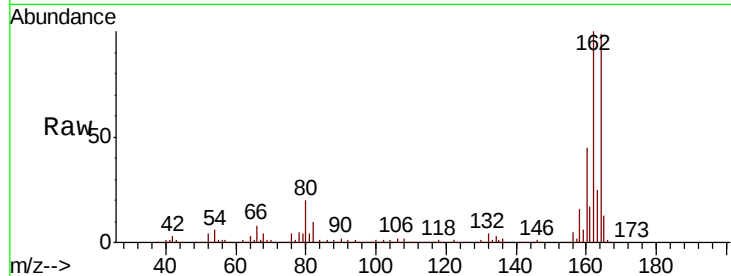
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: BF112761.D
 Acq: 28 Feb 2019 14:42

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-022719

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.0	80.6	120.8	
160	45.5	36.0	54.0	

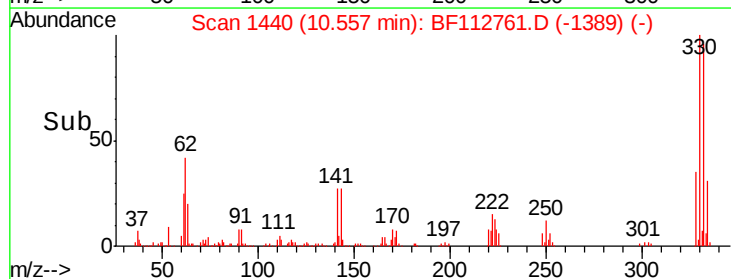
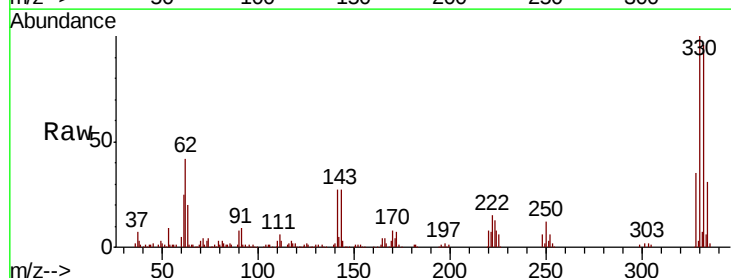
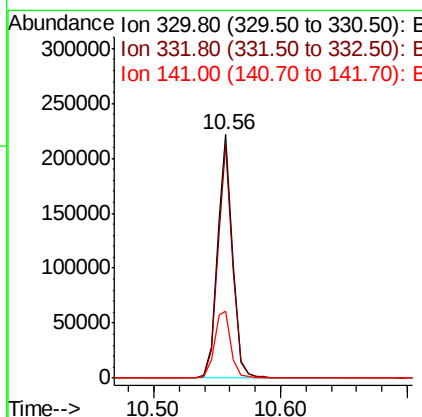
Manual Integrations
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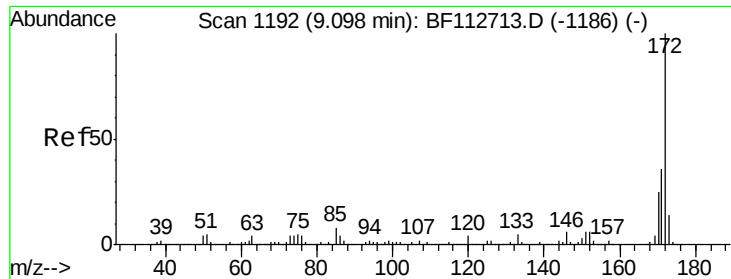
Sohil
 3/1/2019 3:00:01 PM



#42
 2,4,6-Tribromophenol
 Concen: 56.061 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF112761.D
 Acq: 28 Feb 2019 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.6	76.2	114.4	
141	30.7	27.0	40.6	





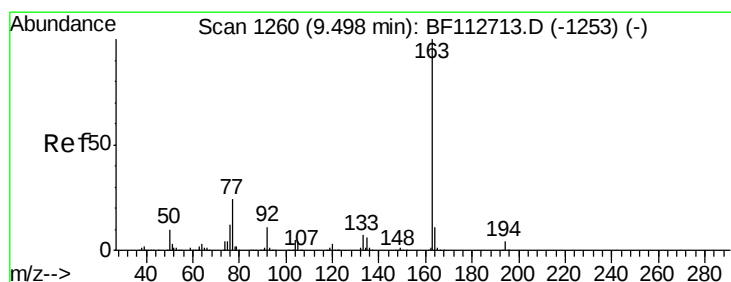
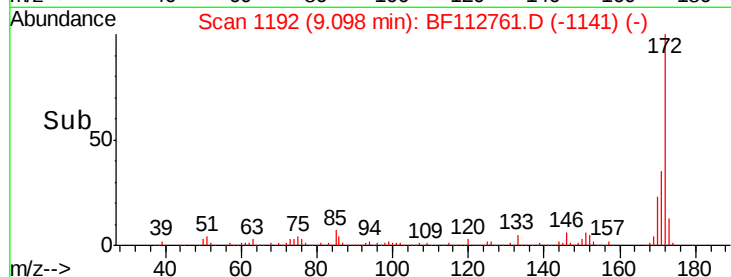
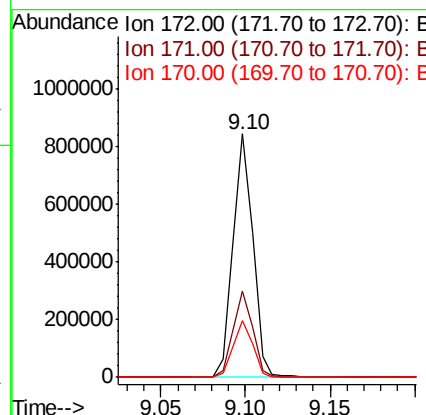
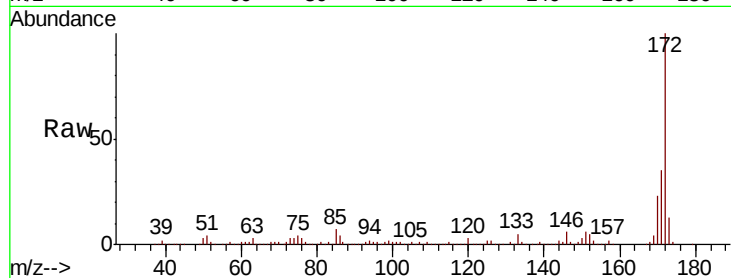
#45
2-Fluorobiphenyl
Concen: 29.546 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112761.D
Acq: 28 Feb 2019 14:42

Instrument :
BNA_F
ClientSampleId :
TR-05-022719

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.4
170	23.4	20.0	30.0

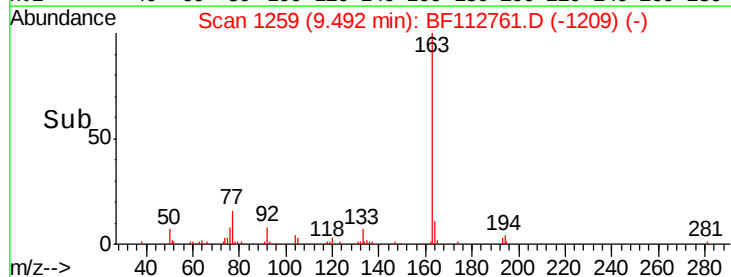
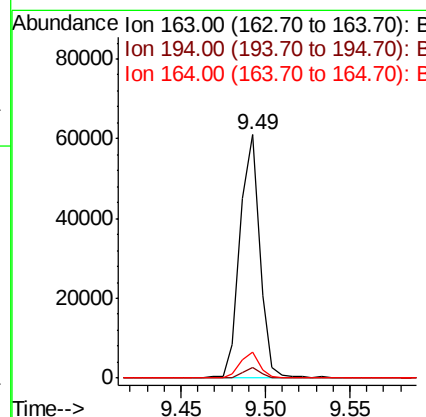
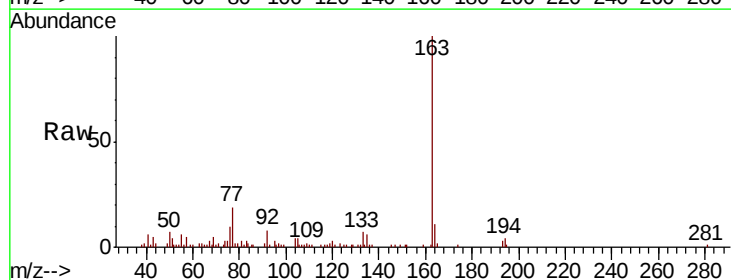
Manual Integrations
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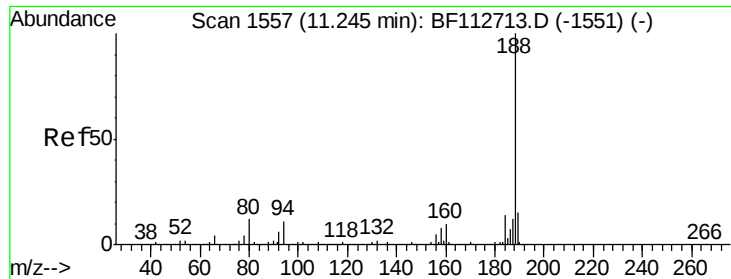
Sohil
3/1/2019 3:00:01 PM



#50
Dimethylphthalate
Concen: 2.173 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF112761.D
Acq: 28 Feb 2019 14:42

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.4
164	10.9	8.4	12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF112761.D

Acq: 28 Feb 2019 14:42

Instrument :

BNA_F

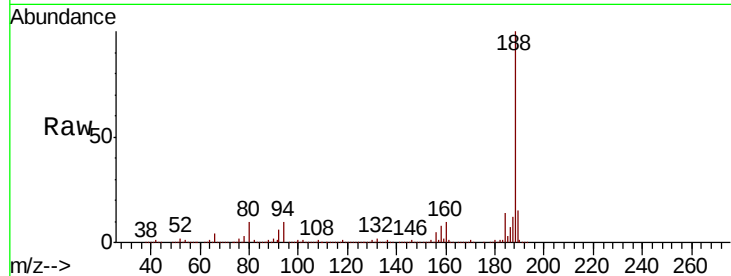
ClientSampleId :

TR-05-022719

Tot Ion:	188	Resp:	626186
Ion Ratio	Lower	Upper	
188	100		
94	10.2	9.0	13.4
80	10.1	9.2	13.8

Manual Integrations
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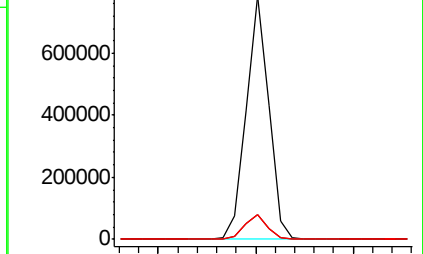
Sohil
3/1/2019 3:00:01 PM



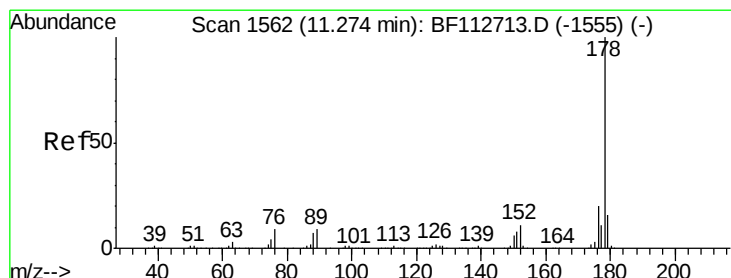
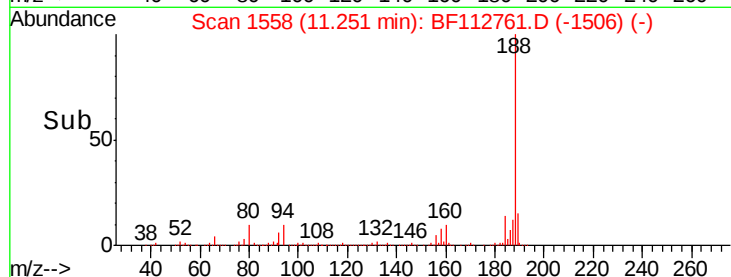
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#71

Phenanthrene

Concen: 2.625 ng

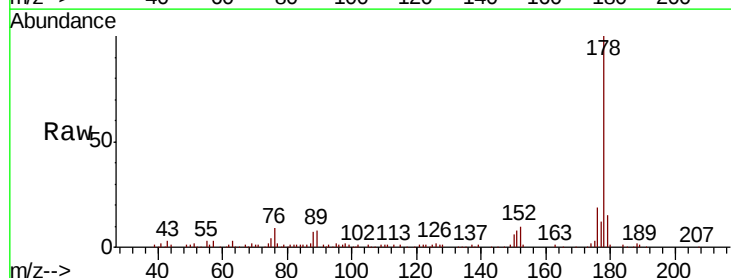
RT: 11.27 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF112761.D

Acq: 28 Feb 2019 14:42

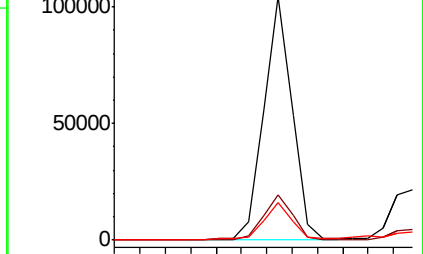
Tgt Ion:	178	Resp:	81784
Ion Ratio	Lower	Upper	
178	100		
176	18.6	16.3	24.5
179	15.4	12.7	19.1



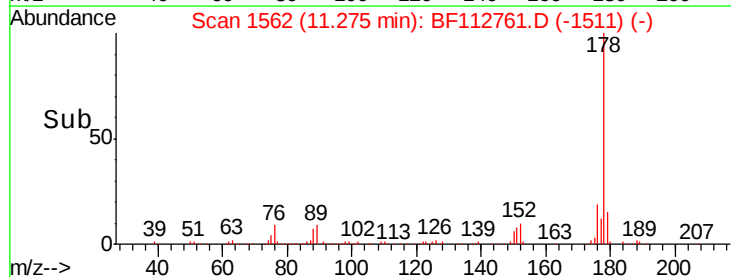
Abundance Ion 178.00 (177.70 to 178.70): E

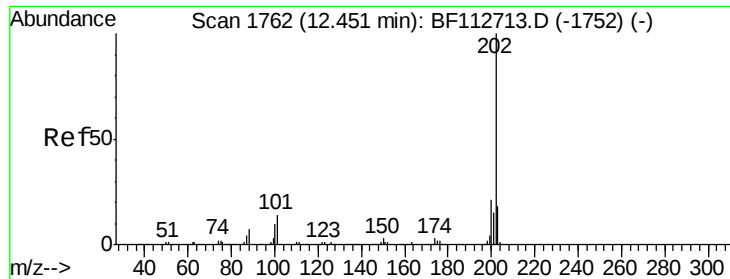
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#75

Fluoranthene

Concen: 2.995 ng/mL

RT: 12.46 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF112761.D

Acq: 28 Feb 2019 14:42

Instrument :

BNA_F

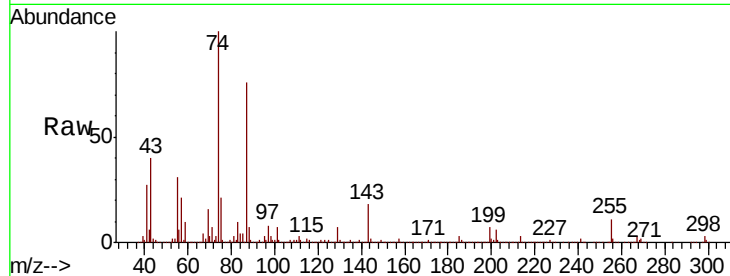
ClientSampleId :

TR-05-022719

Tot Ion:	202	Resp:	99971
Ion Ratio	Lower	Upper	
202	100		
101	109.3	0.0	33.8#
203	17.4	0.0	38.4

Manual Integrations
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3/1/2019 3:00:01 PM

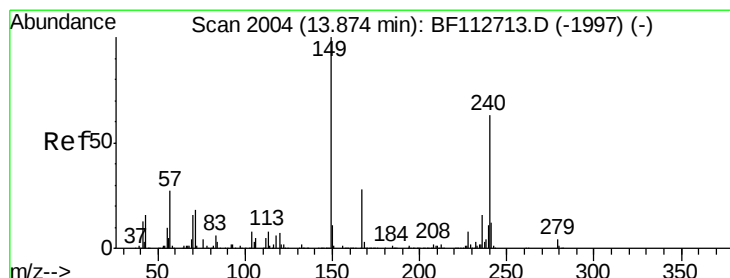
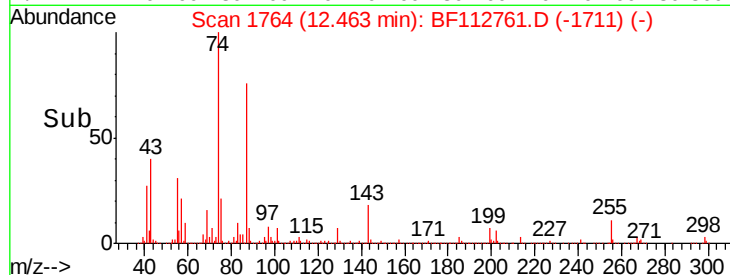
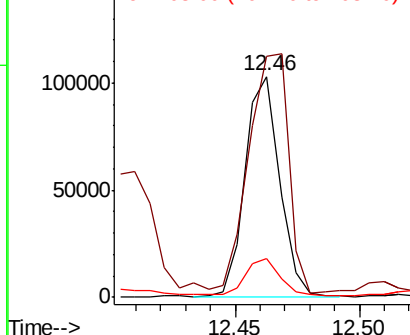


Abundance

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/mL

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF112761.D

Acq: 28 Feb 2019 14:42

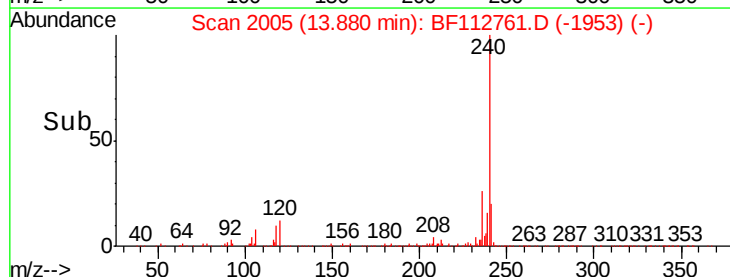
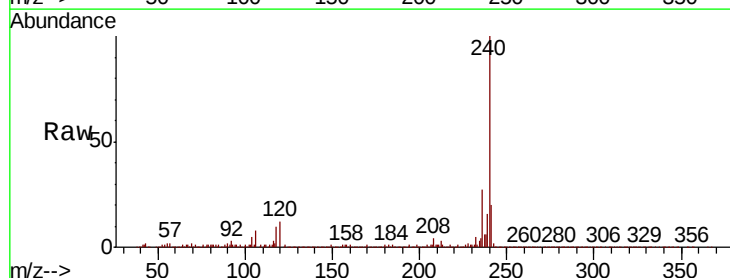
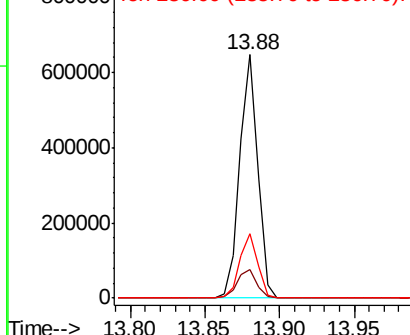
Tgt Ion:	240	Resp:	547652
Ion Ratio	Lower	Upper	
240	100		
120	11.8	8.9	13.3
236	26.6	20.7	31.1

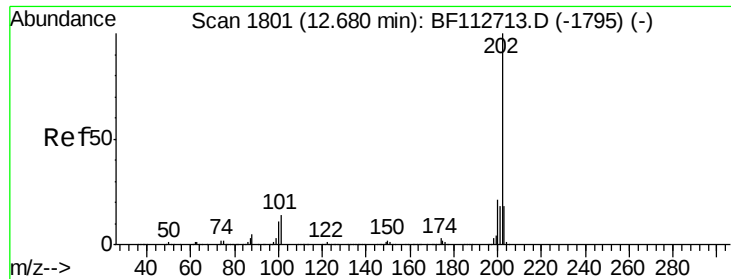
Abundance

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: 2.895 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BF112761.D

Acq: 28 Feb 2019 14:42

Instrument :

BNA_F

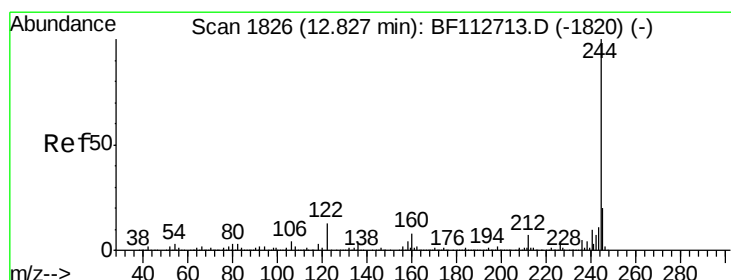
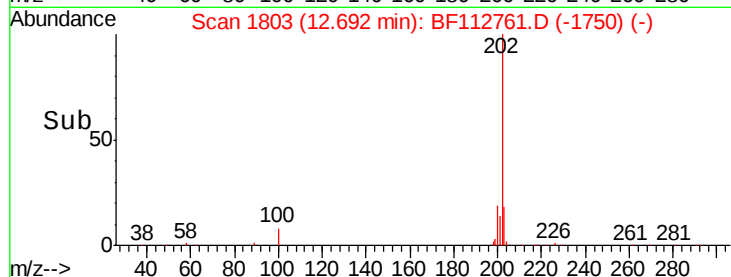
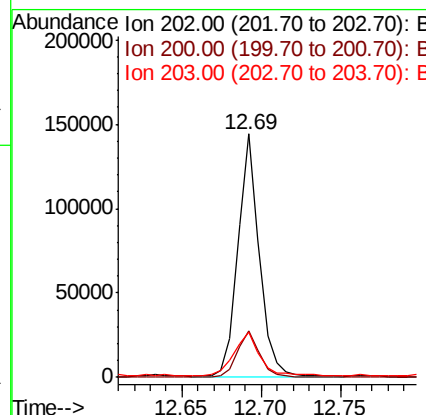
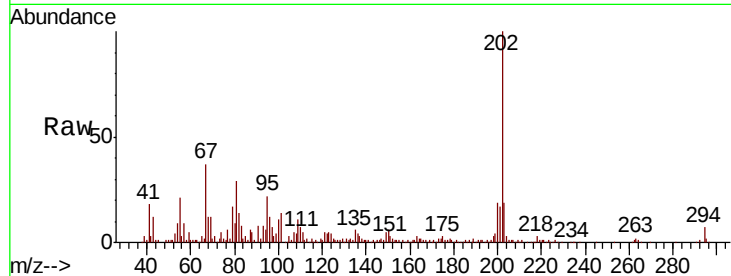
ClientSampleId :

TR-05-022719

Tot Ion:	202	Resp:	133672
Ion Ratio	Lower	Upper	
202	100		
200	18.9	17.0	25.4
203	18.7	14.4	21.6

Manual Integrations
APPROVED

Sohil
3/1/2019 3:00:01 PM



#79

Terphenyl-d14

Concen: 27.815 ng

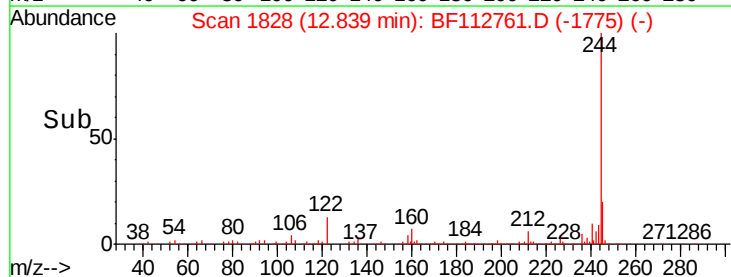
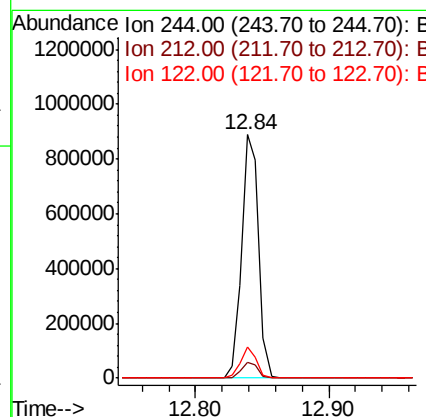
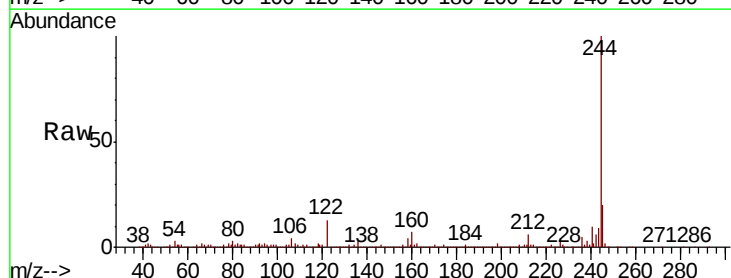
RT: 12.84 min Scan# 1828

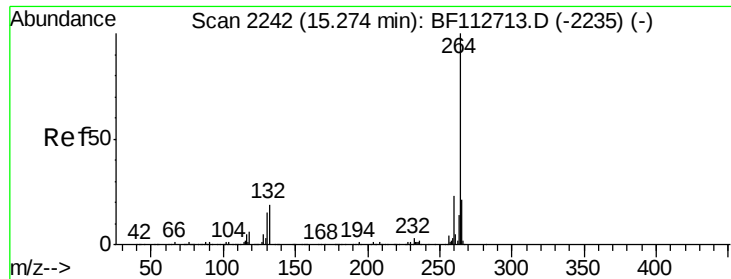
Delta R.T. 0.01 min

Lab File: BF112761.D

Acq: 28 Feb 2019 14:42

Tgt Ion:	244	Resp:	785810
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.6	8.4
122	12.9	10.5	15.7





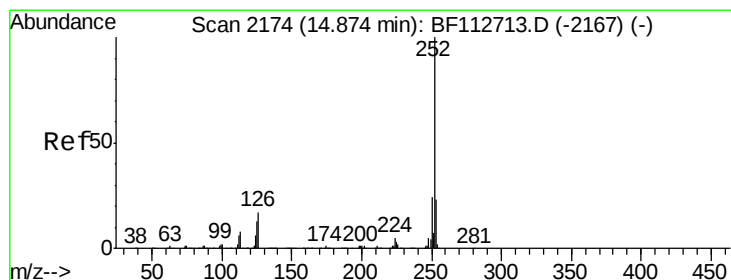
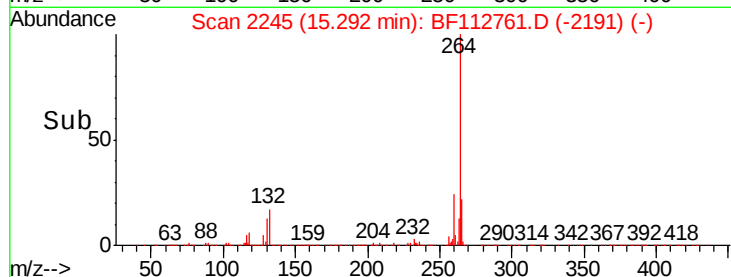
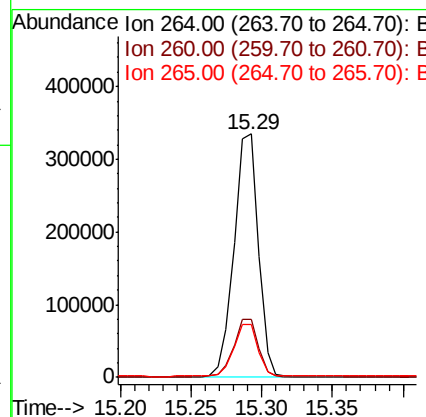
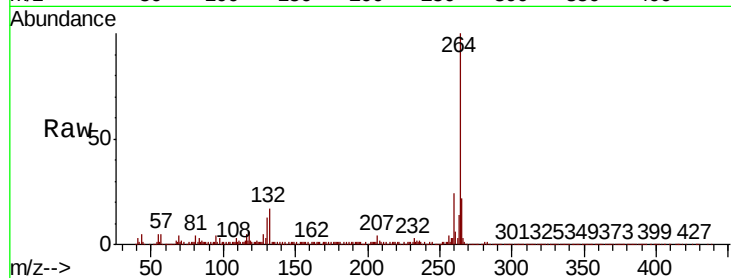
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.02 min
Lab File: BF112761.D
Acq: 28 Feb 2019 14:42

Instrument :
BNA_F
ClientSampleId :
TR-05-022719

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.9	17.2	25.8

Manual Integrations
APPROVED

Sohil
3/1/2019 3:00:01 PM



#88
Benzo(b)fluoranthene
Concen: 2.976 ng m
RT: 14.89 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BF112761.D
Acq: 28 Feb 2019 14:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.0	27.0
125	16.2	10.2	15.2#

