

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101419\
 Data File : BF117404.D
 Acq On : 14 Oct 2019 17:53
 Operator : JU
 Sample : PB123882BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB123882BL

Manual Integrations
 APPROVED

mohammad
 10/16/2019 8:10:33 AM

Quant Time: Oct 15 14:25:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 19:03:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	58183	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	236062	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	125403	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	214768	20.00	ng	0.00
76) Chrysene-d12	13.96	240	152752	20.00	ng	0.00
87) Perylene-d12	15.42	264	137650	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	296516	78.41	ng	0.00
7) Phenol-d6	6.43	99	261176	52.06	ng	0.00
23) Nitrobenzene-d5	7.36	82	436099	93.65	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	103934	101.83	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	741906	86.25	ng	0.00
79) Terphenyl-d14	12.90	244	820141	87.53	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.58	88	5207	3.345	ng	Qvalue # 90
3) Pyridine	3.36	79	27951	7.055	ng	98
4) n-Nitrosodimethylamine	3.30	42	3059m	2.191	ng	
6) Aniline	6.46	93	64300	10.259	ng	# 73
15) Benzyl Alcohol	6.95	79	17484	4.555	ng	# 43
33) 4-Chloroaniline	8.17	127	24201	4.834	ng	98
77) Benzidine	12.65	184	59803	15.830	ng	96

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

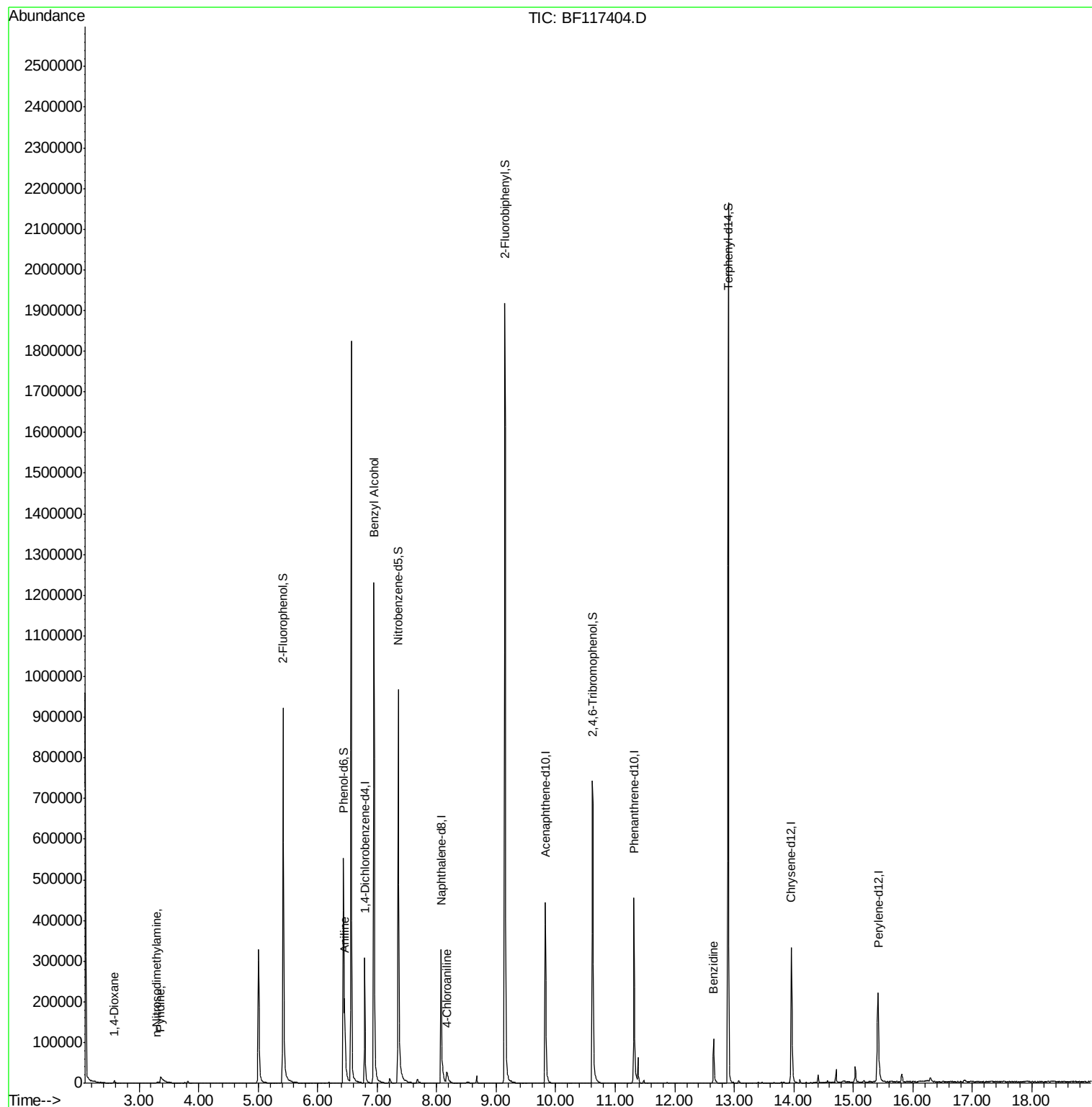
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101419\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

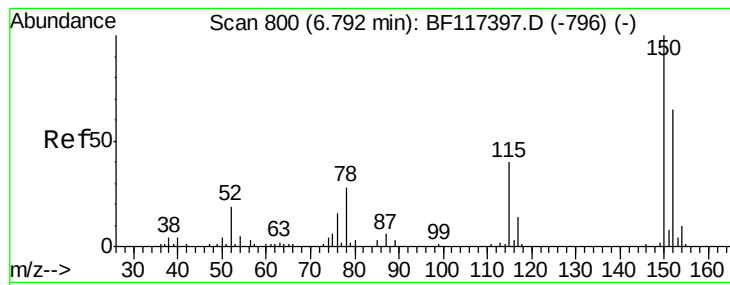
Instrument :
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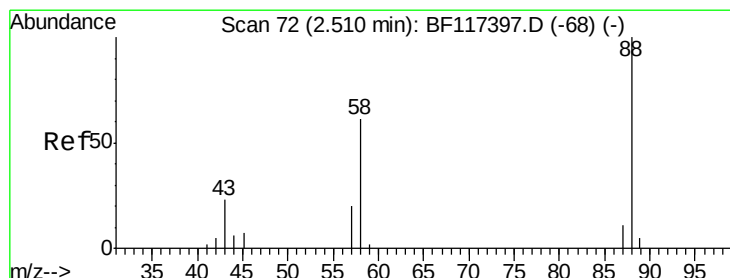
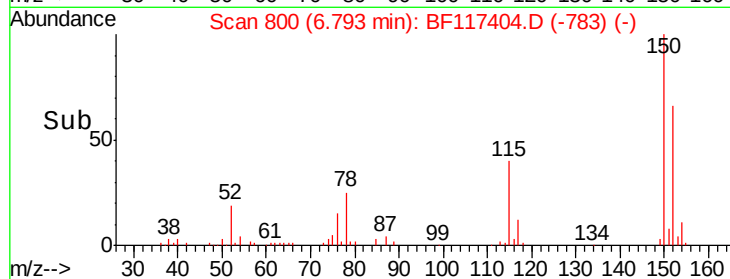
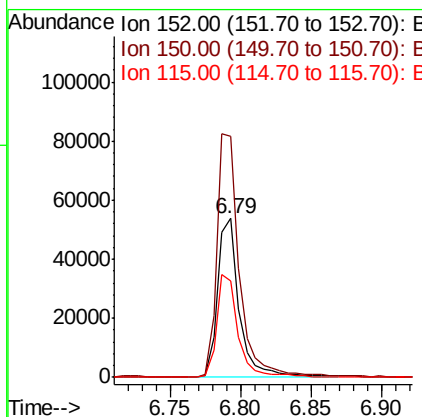
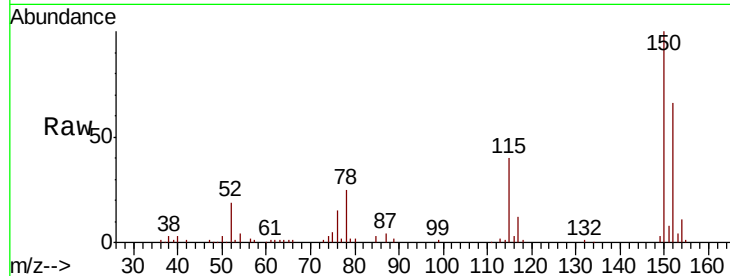
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF117404.D
 Acq: 14 Oct 2019 17:53

Instrument :
 BNA_F
 ClientSampleID :
 PB123882BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	122.7	184.1
115	60.8	48.6	73.0

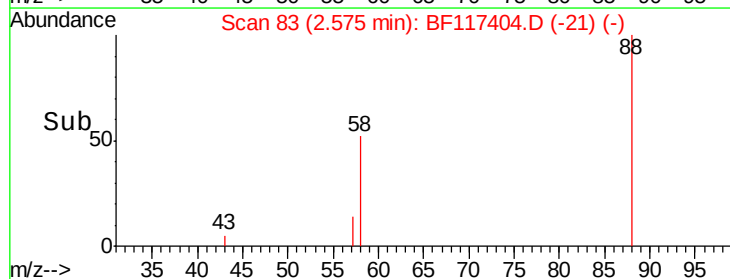
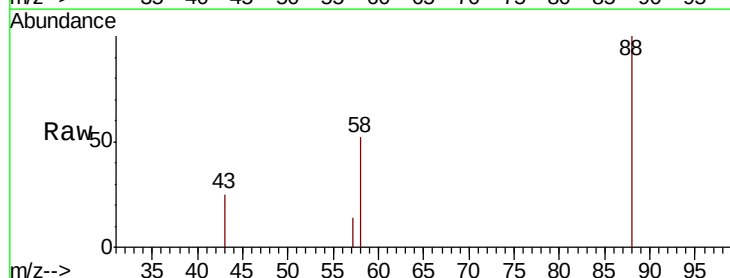
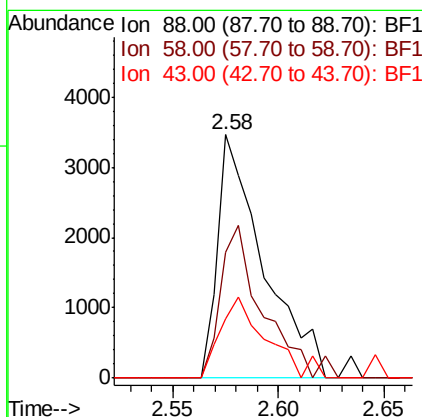
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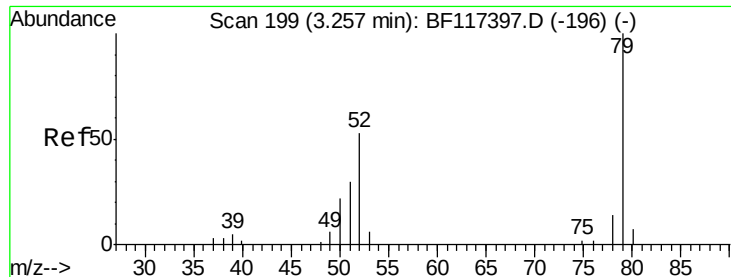
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#2
 1,4-Dioxane
 Concen: 3.345 ng
 RT: 2.58 min Scan# 83
 Delta R.T. 0.06 min
 Lab File: BF117404.D
 Acq: 14 Oct 2019 17:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.7	49.4	74.2
43	33.8	18.1	27.1





#3

Pvridine

Concen: 7.055 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.11 min

Lab File: BF117404.D

Acq: 14 Oct 2019 17:53

Instrument :

BNA_F

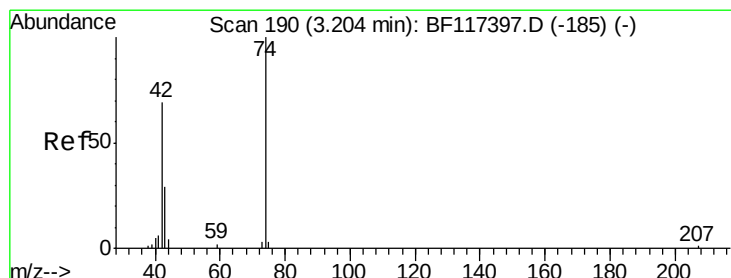
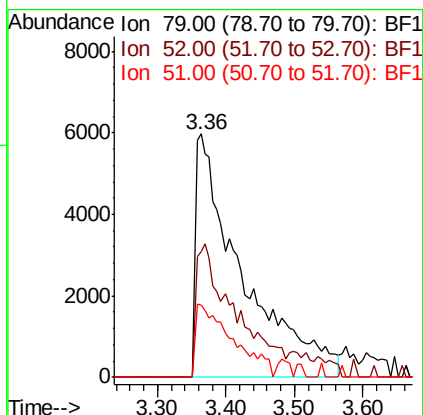
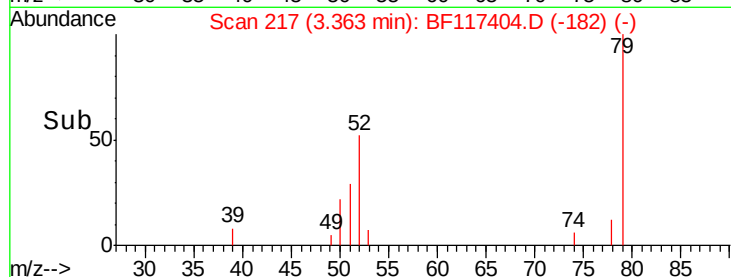
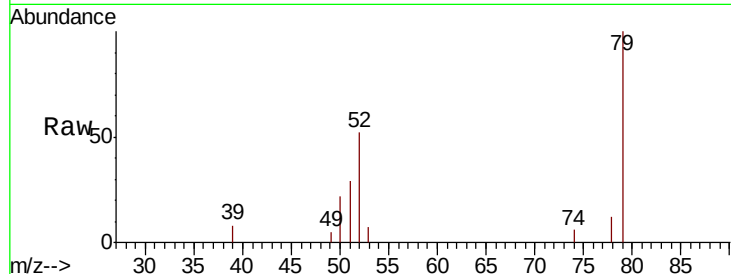
ClientSampleId :

PB123882BL

Tot Ion:	79	Resp:	27951
Ion	Ratio	Lower	Upper
79	100		
52	51.8	42.7	64.1
51	29.4	23.8	35.8

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#4

n-Nitrosodimethylamine

Concen: 2.191 ng m

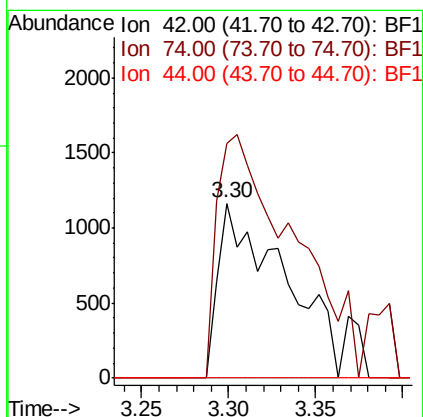
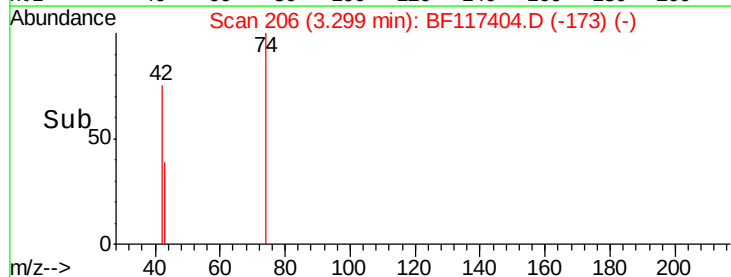
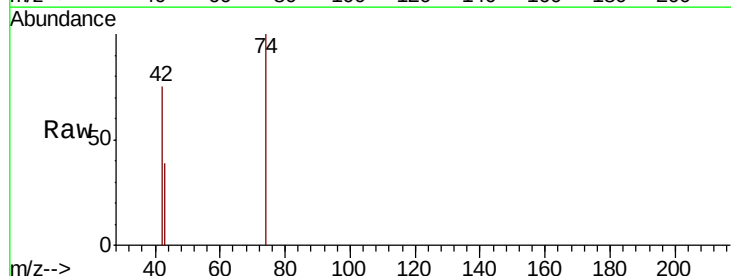
RT: 3.30 min Scan# 206

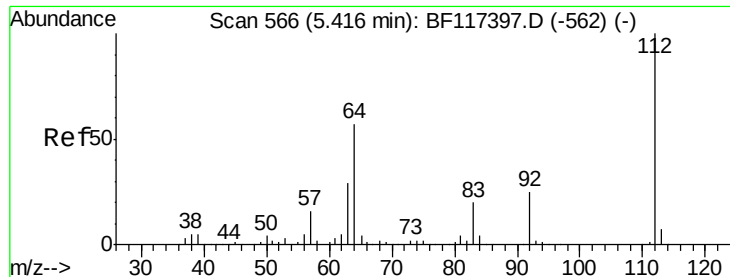
Delta R.T. 0.09 min

Lab File: BF117404.D

Acq: 14 Oct 2019 17:53

Tgt Ion:	42	Resp:	3059
Ion	Ratio	Lower	Upper
42	100		
74	134.1	116.2	174.4
44	0.0	4.2	6.4#





#5

2-Fluorophenol

Concen: 78.413 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF117404.D

Acq: 14 Oct 2019 17:53

Instrument :

BNA_F

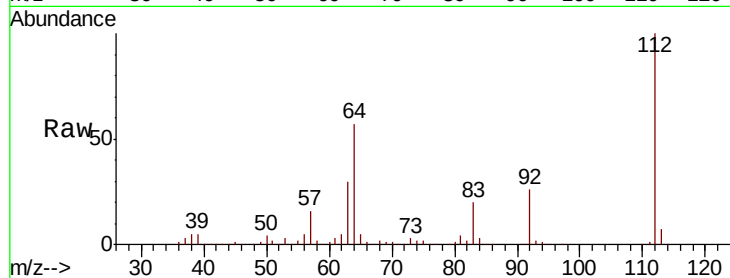
ClientSampleId :

PB123882BL

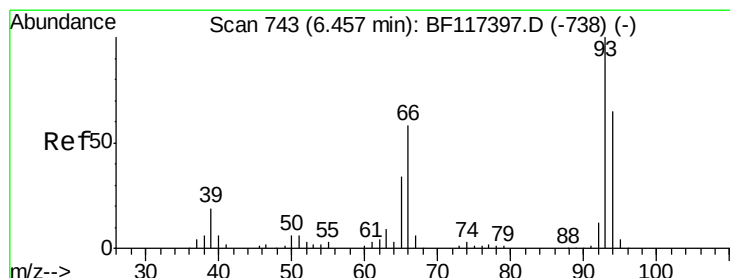
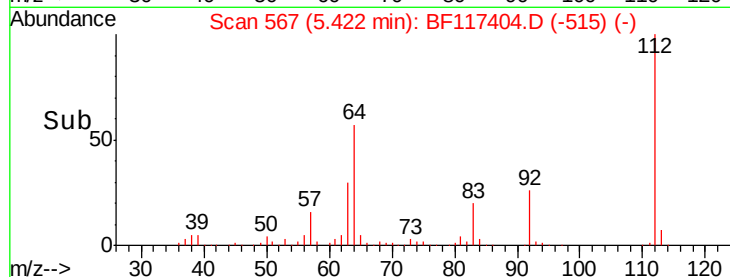
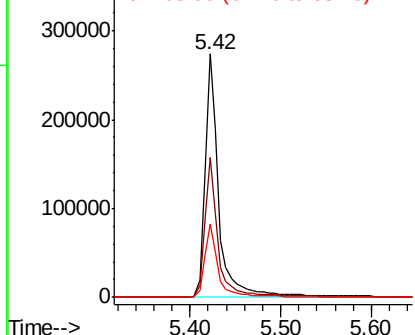
Tot Ion:	112	Resp:	296516
Ion Ratio	Lower	Upper	
112	100		
64	57.2	45.2	67.8
63	30.0	23.4	35.2

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.259 ng

RT: 6.46 min Scan# 743

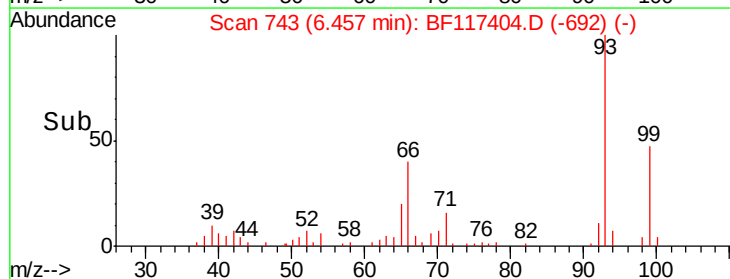
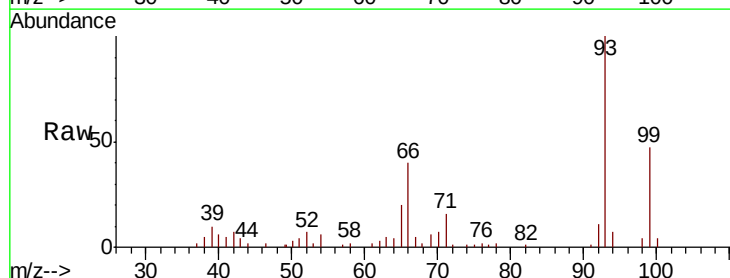
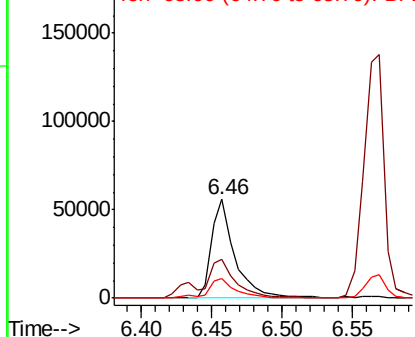
Delta R.T. 0.00 min

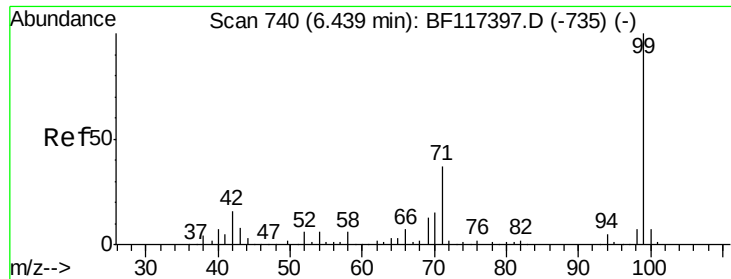
Lab File: BF117404.D

Acq: 14 Oct 2019 17:53

Tgt Ion:	93	Resp:	64300
Ion Ratio	Lower	Upper	
93	100		
66	39.6	48.4	72.6#
65	19.6	27.8	41.6#

Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 52.055 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF117404.D

Acq: 14 Oct 2019 17:53

Instrument :

BNA_F

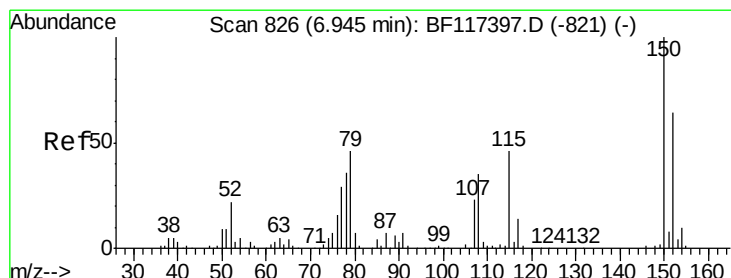
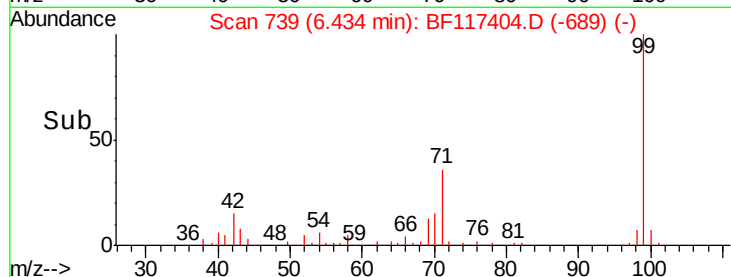
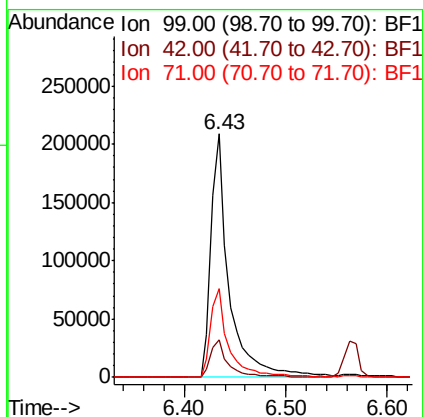
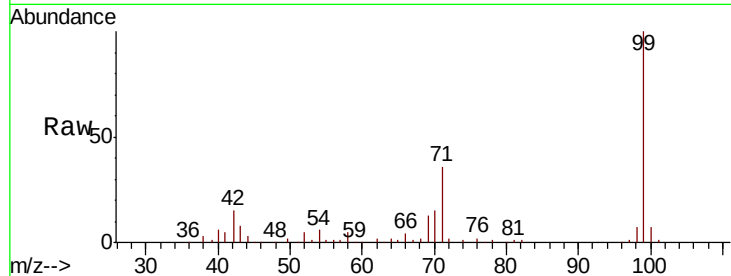
ClientSampleId :

PB123882BL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		261176		
42	15.4	12.5	18.7		
71	36.4	29.2	43.8		

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#15

Benzyl Alcohol

Concen: 4.555 ng

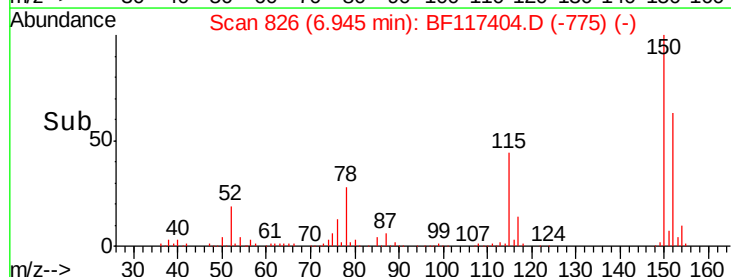
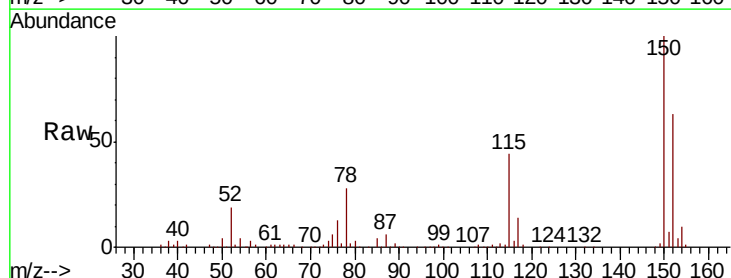
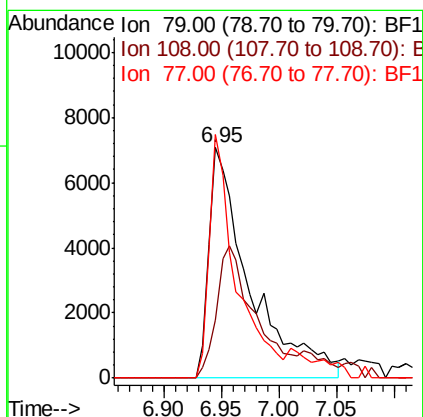
RT: 6.95 min Scan# 826

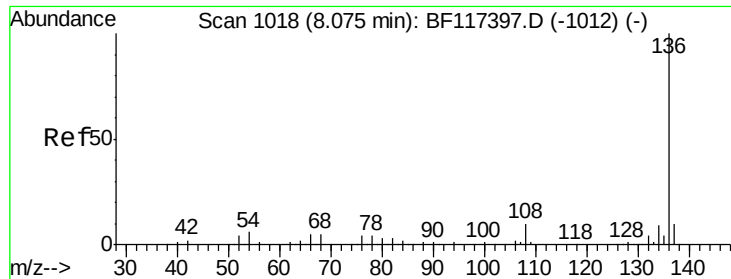
Delta R.T. 0.00 min

Lab File: BF117404.D

Acq: 14 Oct 2019 17:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
79	100		17484		
108	25.1	60.4	90.6#		
77	105.8	50.6	76.0#		





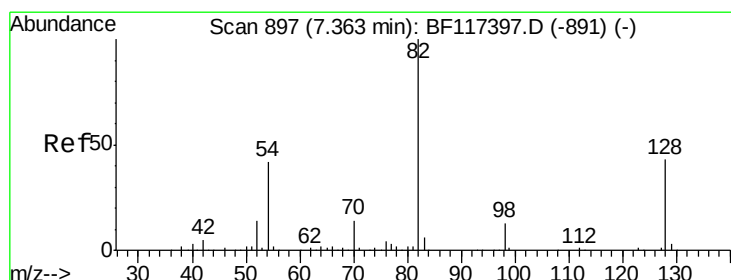
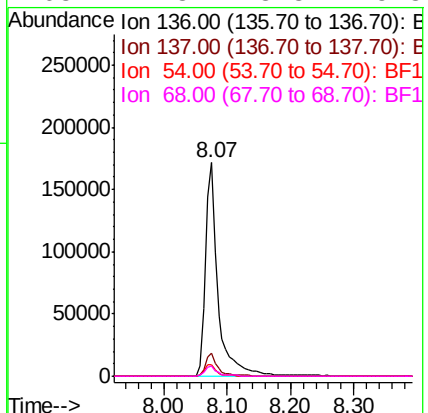
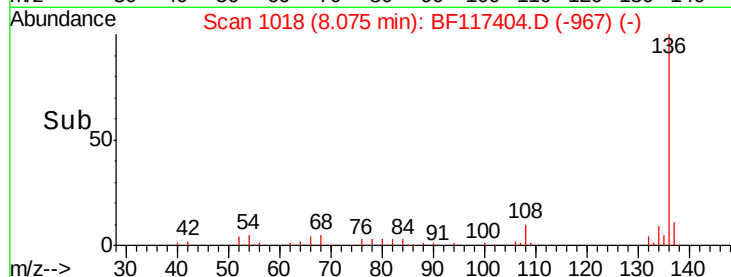
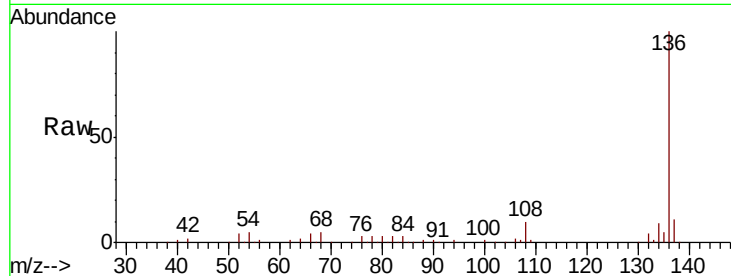
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF117404.D
Acq: 14 Oct 2019 17:53

Instrument :
BNA_F
ClientSampleId :
PB123882BL

Tot Ion	Ratio	Resp	Lower	Upper
136	100	236062		
137	11.0		8.4	12.6
54	5.2		4.6	6.8
68	4.8		3.8	5.8

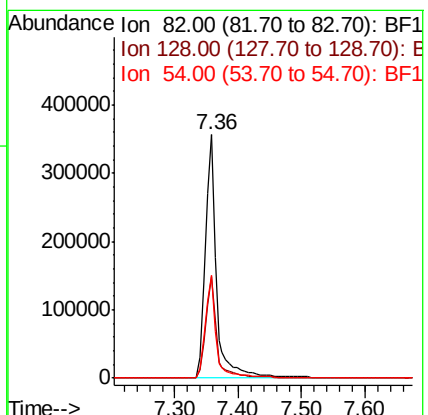
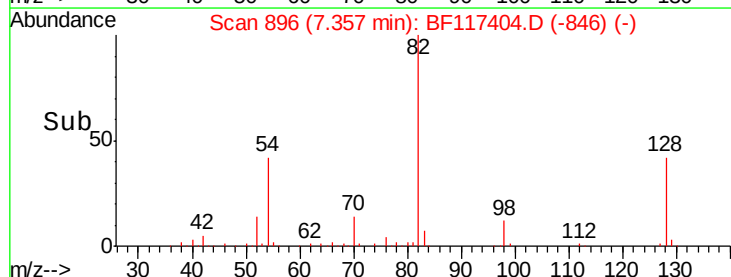
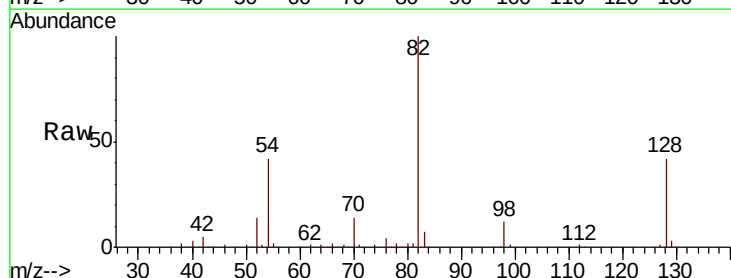
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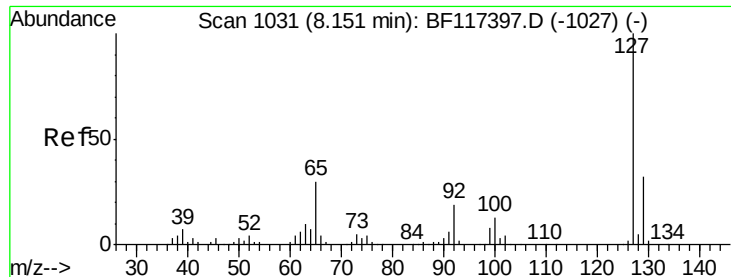
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#23
Nitrobenzene-d5
Concen: 93.645 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117404.D
Acq: 14 Oct 2019 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	436099		
128	41.8		34.1	51.1
54	42.3		33.3	49.9





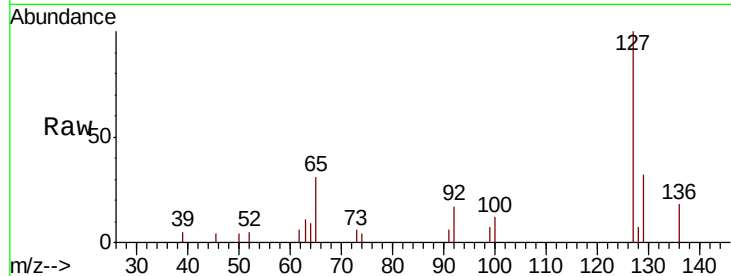
#33
4-Chloroaniline
Concen: 4.834 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.02 min
Lab File: BF117404.D
Acq: 14 Oct 2019 17:53

Instrument :
BNA_F
ClientSampleId :
PB123882BL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		24201		
129	32.5	25.4	38.0		
65	31.3	23.8	35.8		
92	17.5	15.3	22.9		

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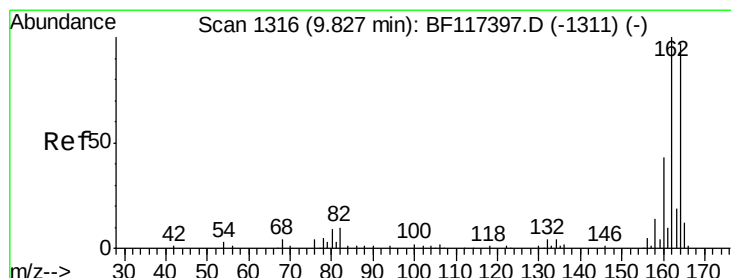
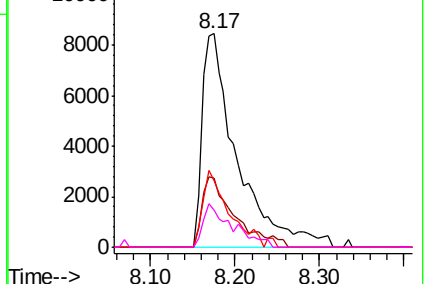
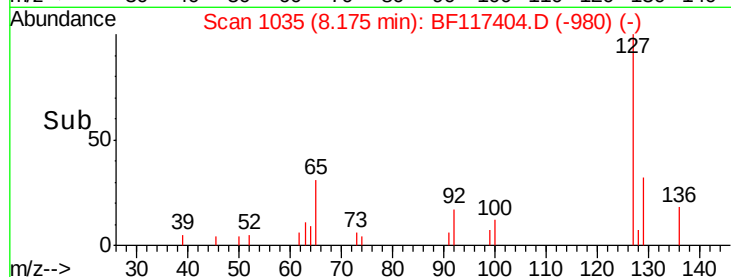
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

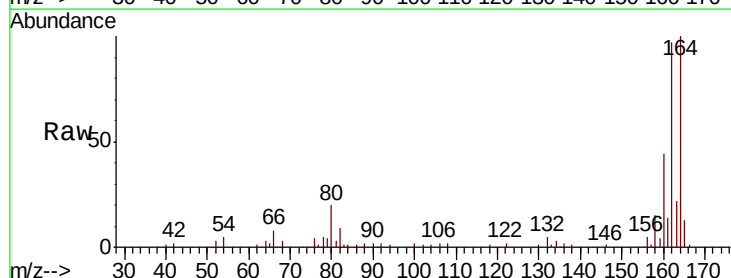
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF117404.D
Acq: 14 Oct 2019 17:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		125403		
162	96.8	82.4	123.6		
160	43.8	35.4	53.0		

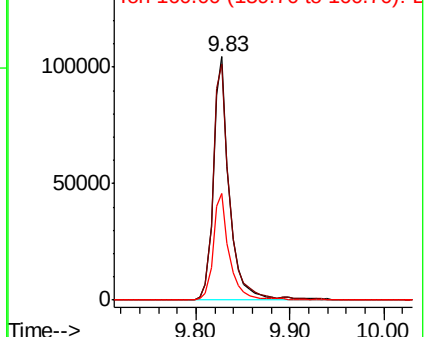
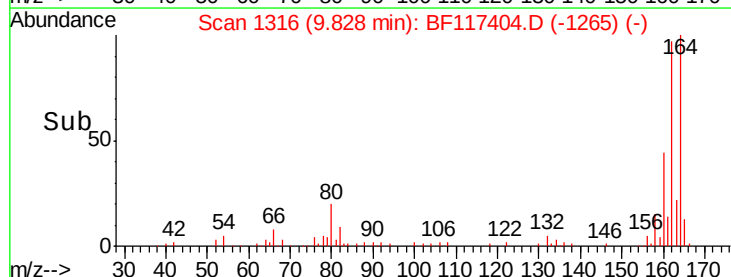


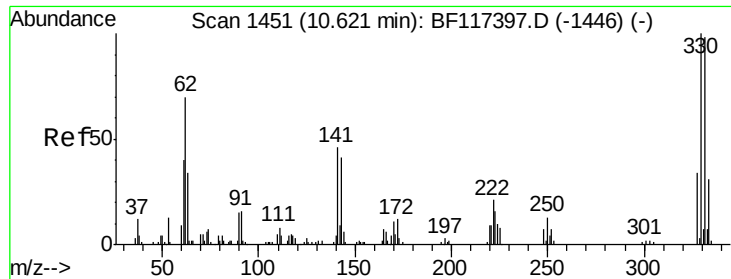
Abundance

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: 101.835 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF117404.D

Acq: 14 Oct 2019 17:53

Instrument :

BNA_F

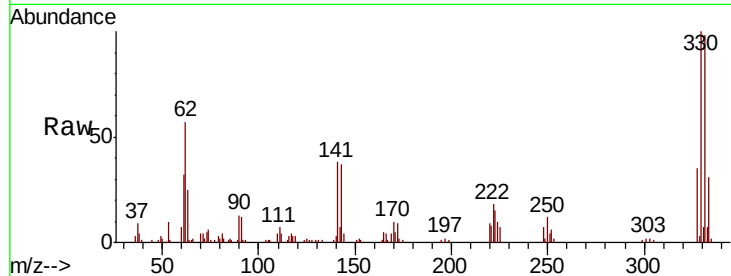
ClientSampleId :

PB123882BL

Tot Ion:	330	Resp:	103934
Ion Ratio	Lower	Upper	
330	100		
332	98.5	75.0	112.6
141	44.4	34.2	51.4

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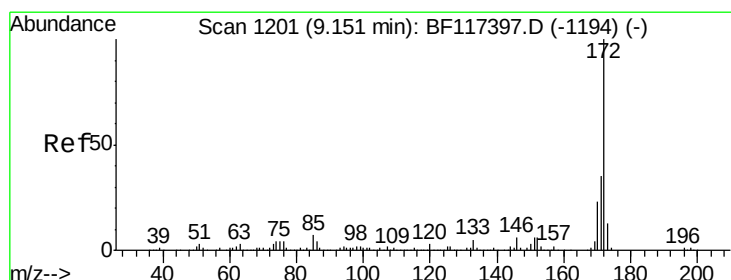
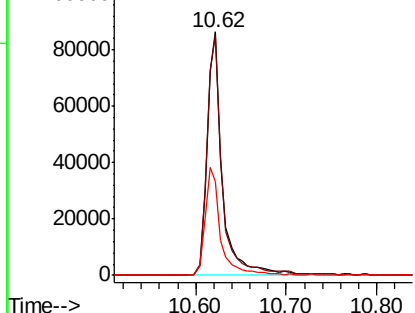
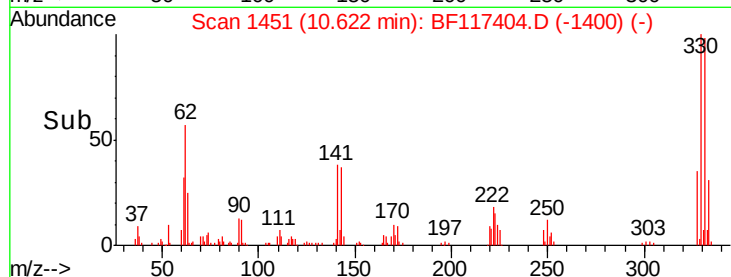


Abundance

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: 86.251 ng

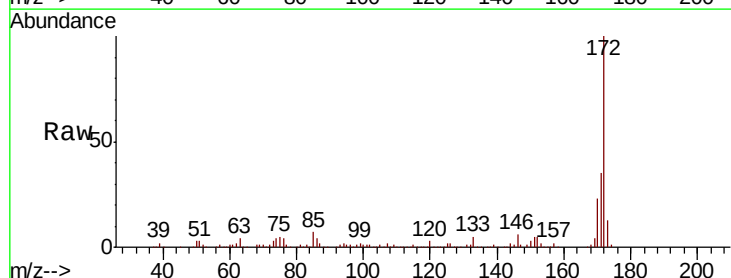
RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF117404.D

Acq: 14 Oct 2019 17:53

Tgt Ion:	172	Resp:	741906
Ion Ratio	Lower	Upper	
172	100		
171	34.6	28.2	42.2
170	23.1	18.2	27.2

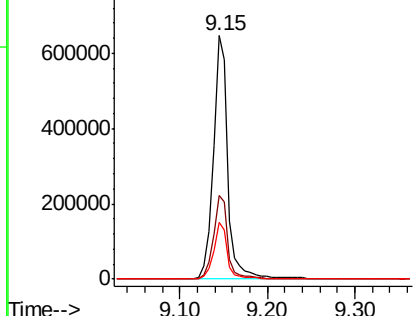
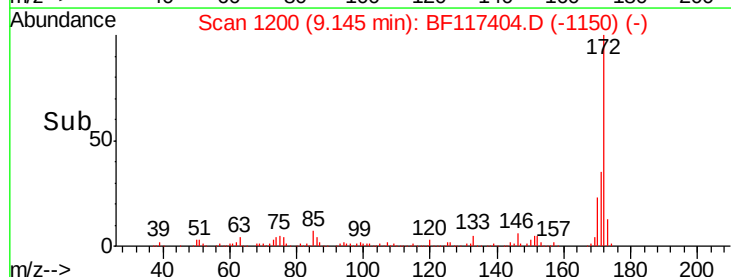


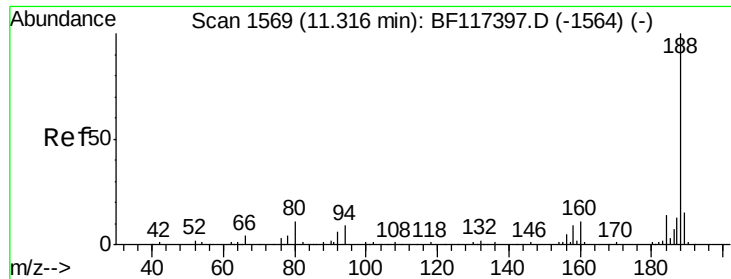
Abundance

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





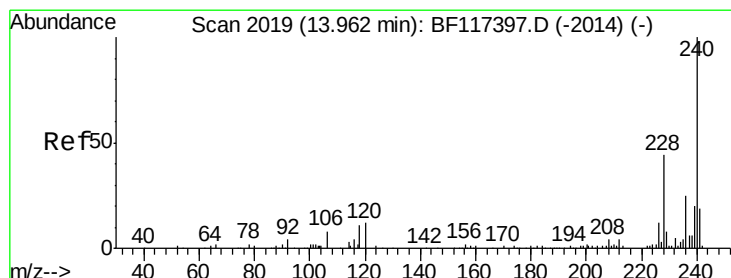
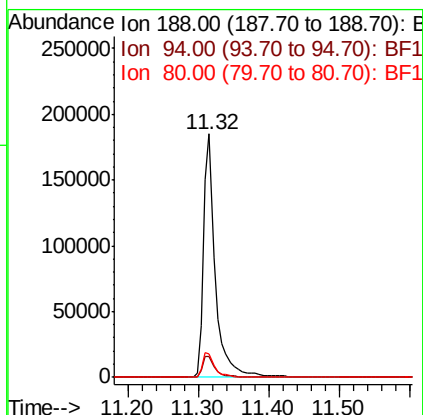
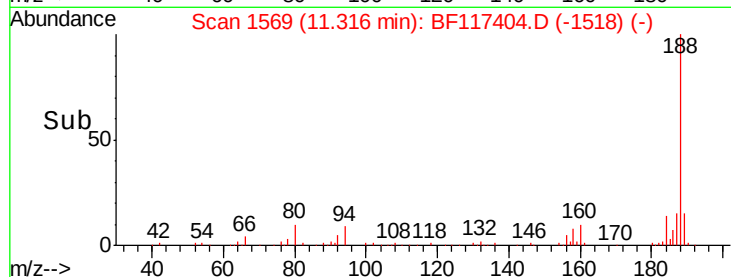
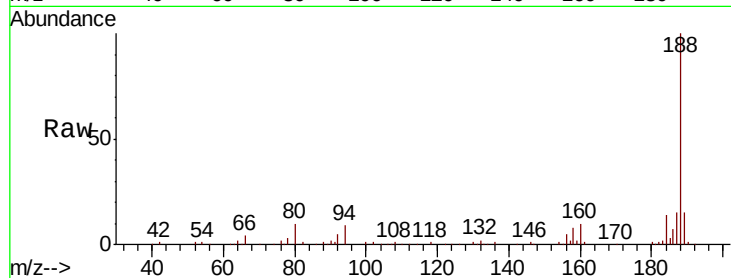
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF117404.D
Acq: 14 Oct 2019 17:53

Instrument :
BNA_F
ClientSampleId :
PB123882BL

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.5	7.5	11.3
80	9.7	8.7	13.1

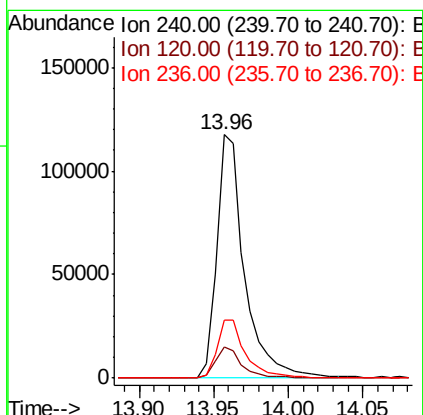
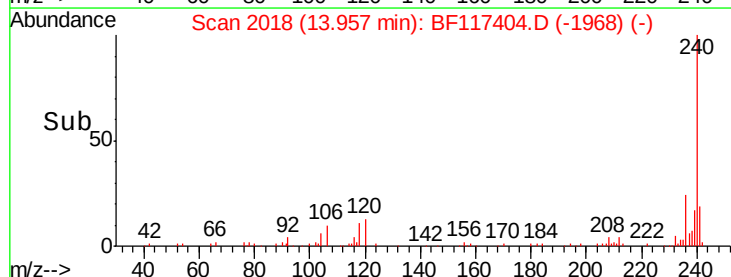
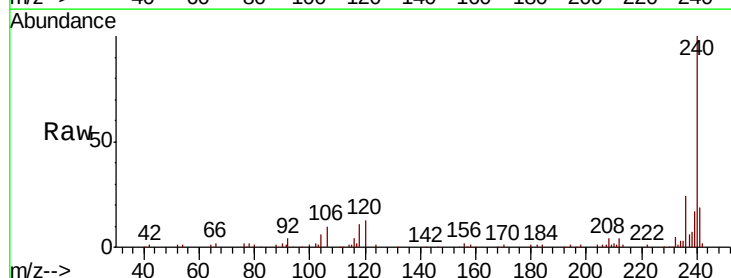
Manual Integrations
APPROVED

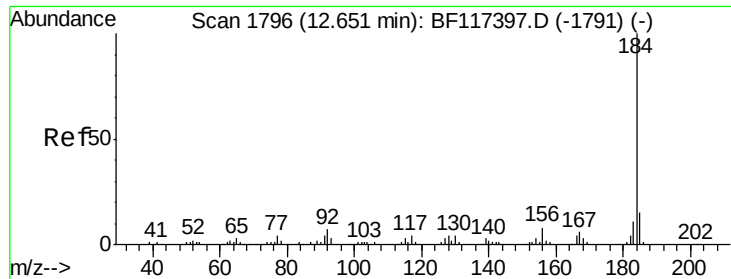
mohammad
10/16/2019 8:10:33 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117404.D
Acq: 14 Oct 2019 17:53

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.9	9.4	14.0
236	23.8	19.8	29.6





#77

Benzidine

Concen: 15.830 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF117404.D

Acq: 14 Oct 2019 17:53

Instrument :

BNA_F

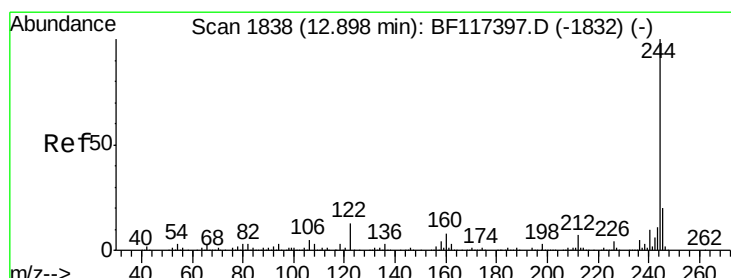
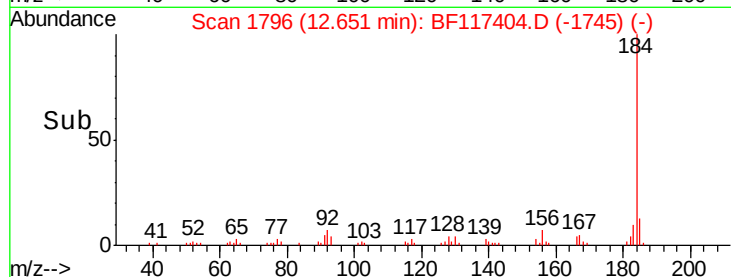
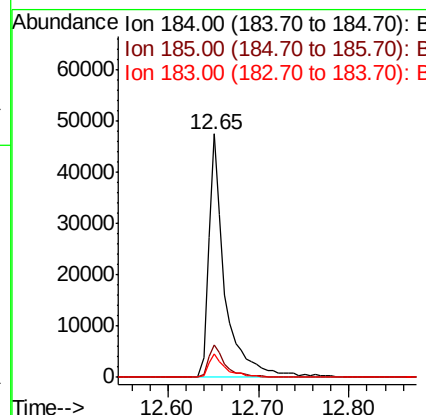
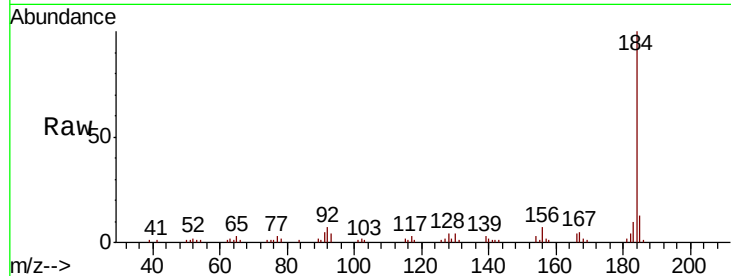
ClientSampleId :

PB123882BL

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.5	12.2	18.2
183	9.8	8.9	13.3

Manual Integrations
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mohammad
10/16/2019 8:10:33 AM



#79

Terphenyl-d14

Concen: 87.525 ng

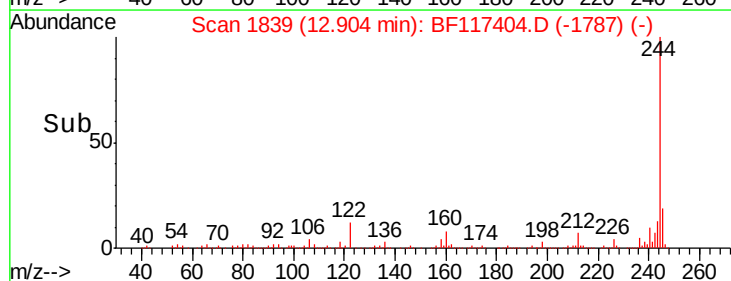
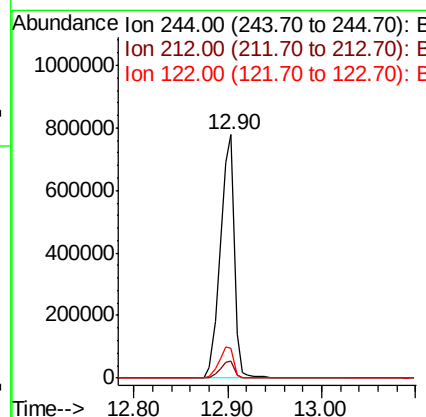
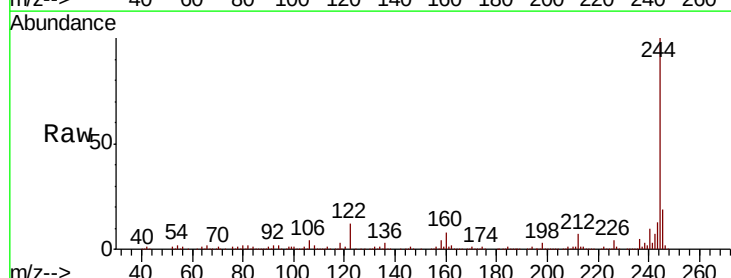
RT: 12.90 min Scan# 1839

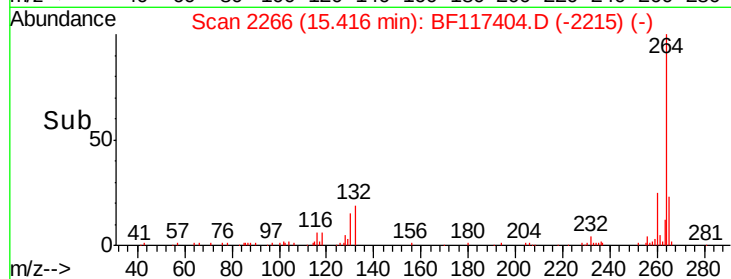
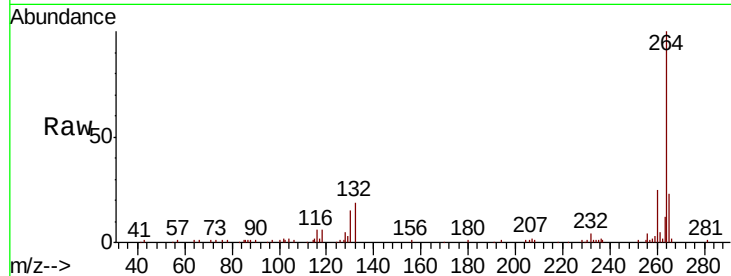
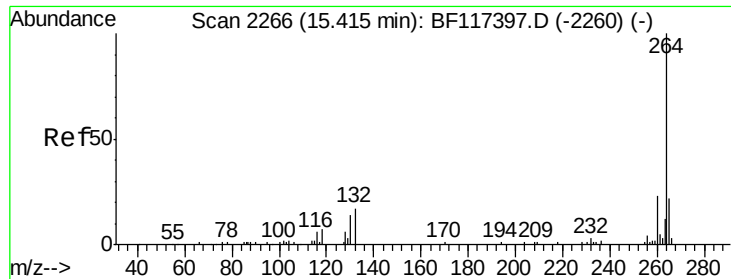
Delta R.T. 0.01 min

Lab File: BF117404.D

Acq: 14 Oct 2019 17:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	12.4	10.7	16.1





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF117404.D
Acq: 14 Oct 2019 17:53

Tot Ion:	264	Resp:	137650
Ion Ratio	Lower	Upper	
264	100		
260	24.6	18.6	27.8
265	22.6	17.4	26.0

Instrument :
BNA_F
ClientSampleId :
PB123882BL

Manual Integrations
APPROVED

mohammad
10/16/2019 8:10:33 AM

