

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102519\
 Data File : BF117553.D
 Acq On : 25 Oct 2019 22:54
 Operator : JU
 Sample : K5502-09 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 179-76-(0-2.1)

Manual Integrations
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Quant Time: Oct 29 18:49:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	34560	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	140992	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	61764	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	86357	20.00	ng	0.00
76) Chrysene-d12	13.90	240	61207	20.00	ng	0.00
87) Perylene-d12	15.34	264	53414	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	41598	17.91	ng	0.02
7) Phenol-d6	6.40	99	61100	19.58	ng	0.02
23) Nitrobenzene-d5	7.30	82	31699	11.10	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	7862	14.71	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	61981	14.14	ng	0.00
79) Terphenyl-d14	12.83	244	42476	11.32	ng	0.00
Target Compounds						
88) Benzo(b)fluoranthene	14.93	252	6842m	2.169	ng	Qvalue

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

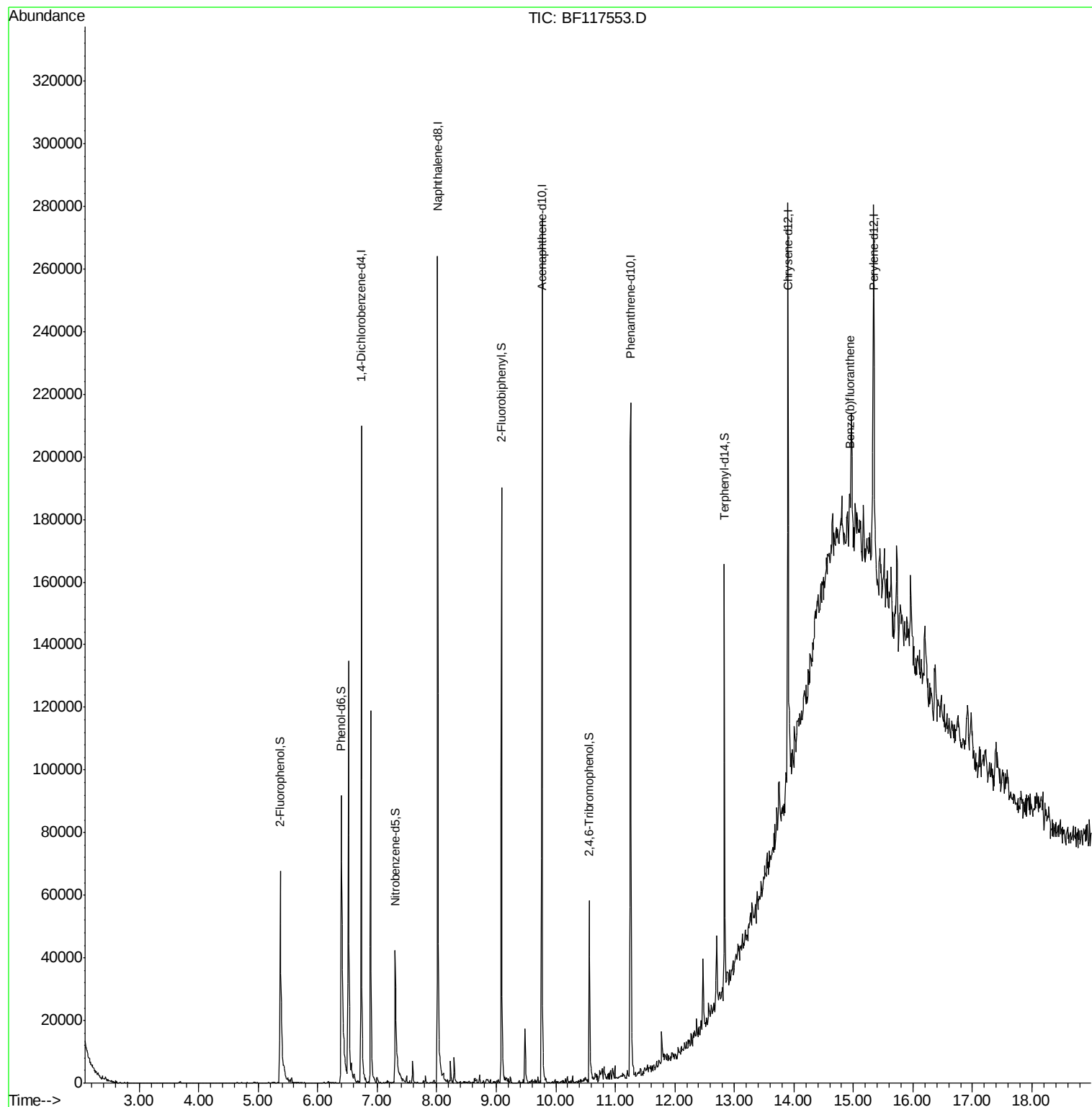
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102519\
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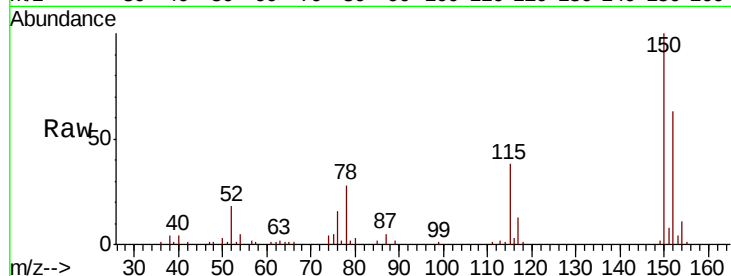
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF117553.D
 Acq: 25 Oct 2019 22:54

Instrument :
 BNA_F
 ClientSampleId :
 179-76-(0-2.1)

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	126.8	190.2
115	60.7	51.6	77.4

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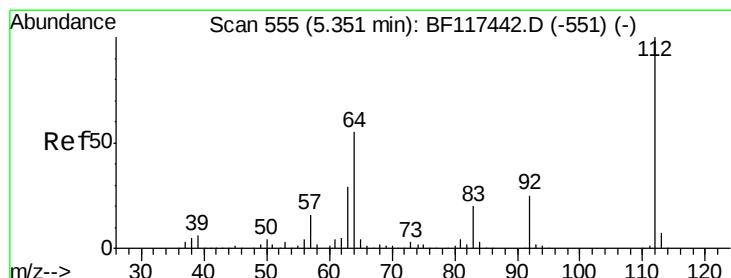
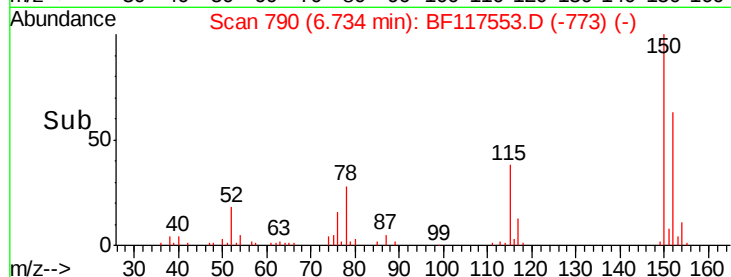
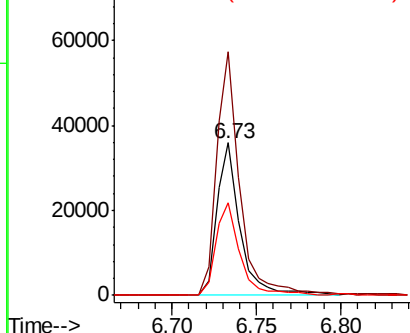


Abundance

Ion 152.00 (151.70 to 152.70): E

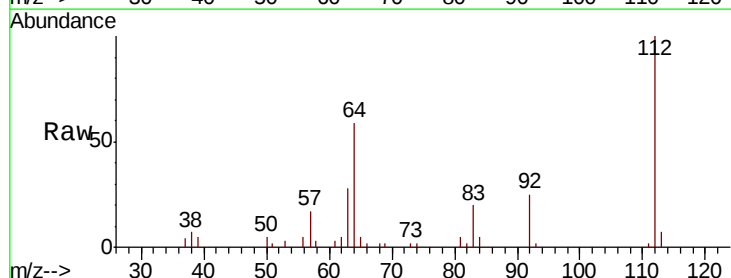
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 17.907 ng
 RT: 5.37 min Scan# 558
 Delta R.T. 0.02 min
 Lab File: BF117553.D
 Acq: 25 Oct 2019 22:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	44.1	66.1
63	28.4	23.4	35.2

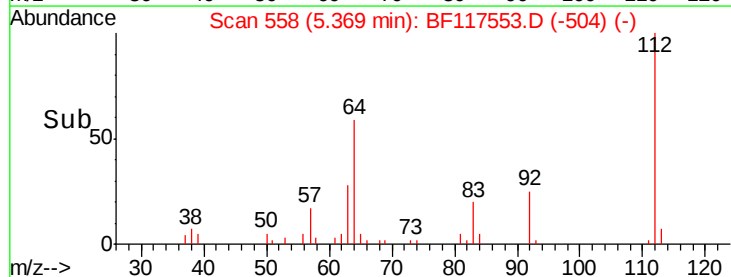
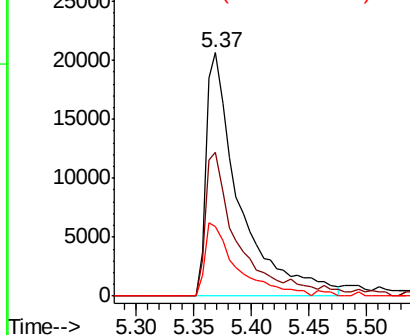


Abundance

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: 19.583 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.02 min

Lab File: BF117553.D

Acq: 25 Oct 2019 22:54

Instrument :

BNA_F

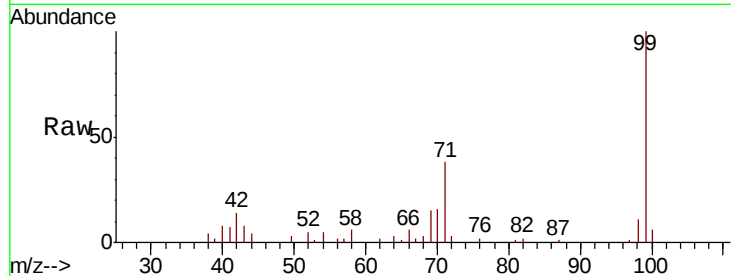
ClientSampleId :

179-76-(0-2.1)

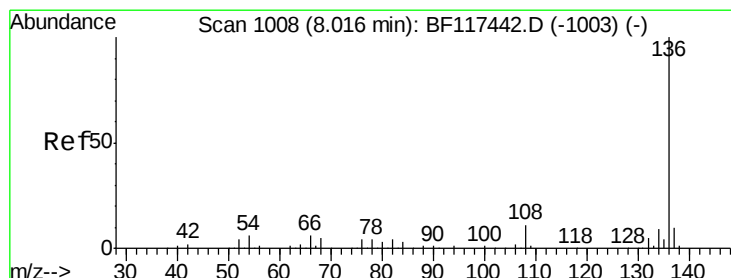
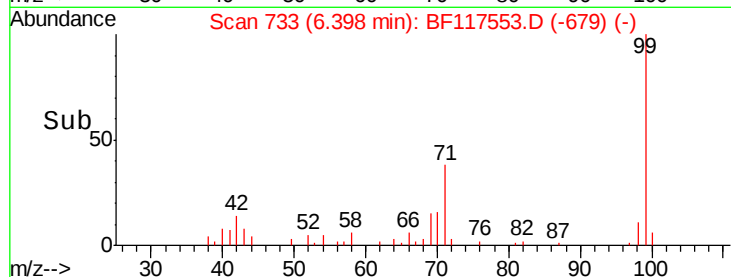
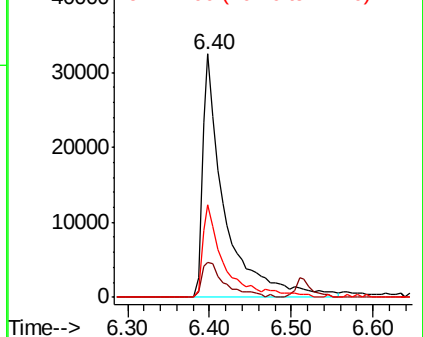
Tot Ion:	99	Resp:	61100
Ion	Ratio	Lower	Upper
99	100		
42	14.4	12.8	19.2
71	37.8	28.6	43.0

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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: 8.02 min Scan# 1008

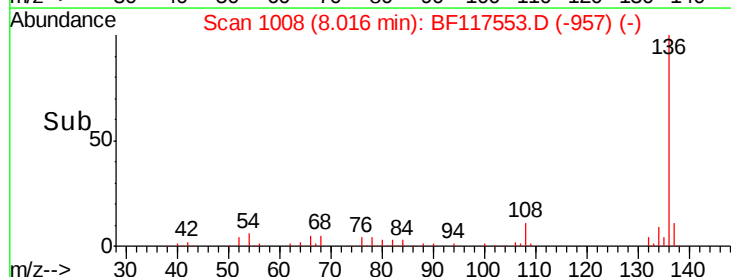
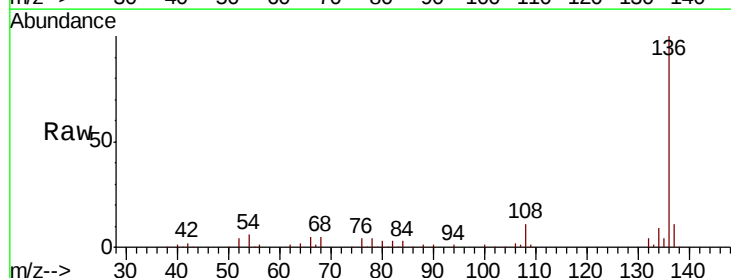
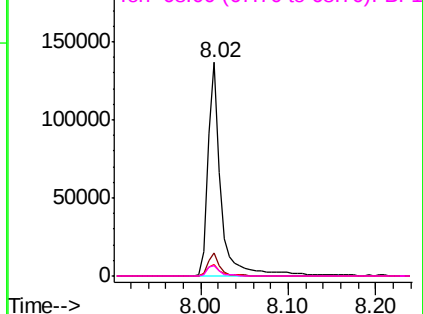
Delta R.T. -0.00 min

Lab File: BF117553.D

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Tgt Ion:	136	Resp:	140992
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.4
54	5.7	4.5	6.7
68	5.1	4.3	6.5

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





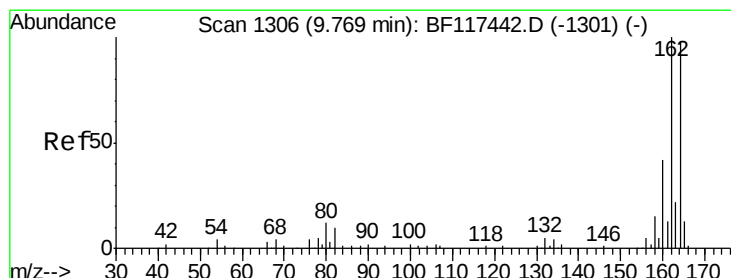
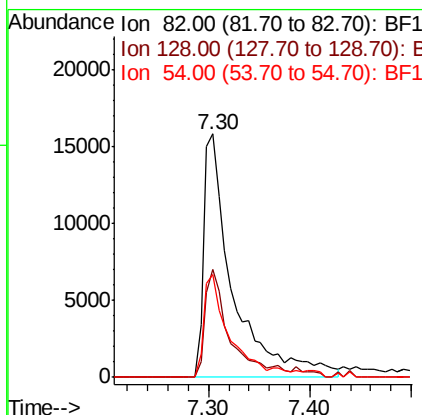
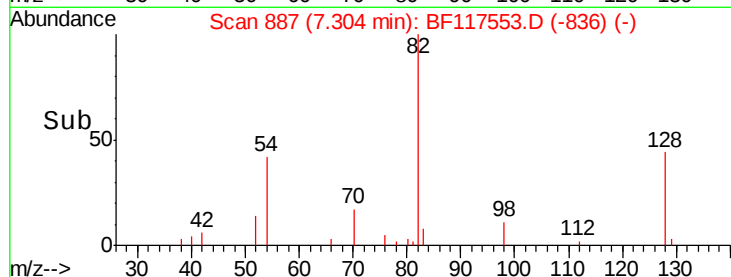
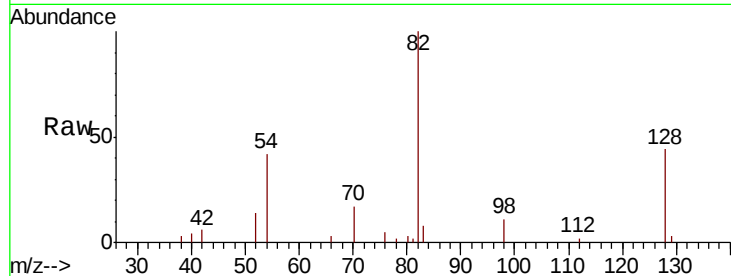
#23
 Nitrobenzene-d5
 Concen: 11.099 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.00 min
 Lab File: BF117553.D
 Acq: 25 Oct 2019 22:54

Instrument :
 BNA_F
 ClientSampleId :
 179-76-(0-2.1)

Tot Ion	82	Resp	31699
Ion Ratio	100	Lower	Upper
128	44.2	32.2	48.2
54	42.2	34.2	51.2

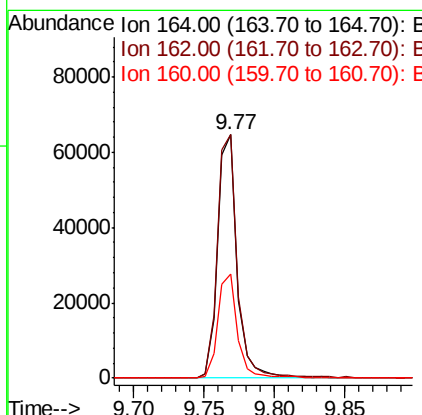
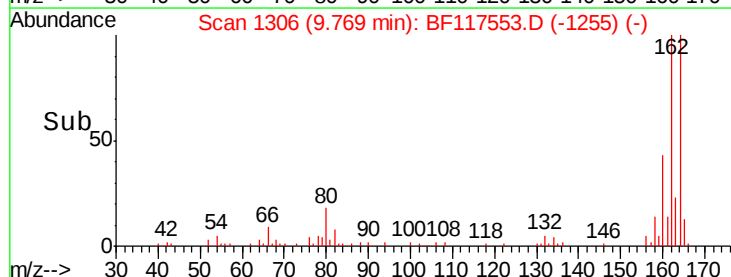
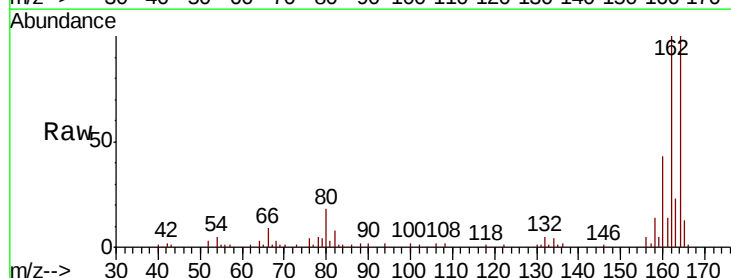
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF117553.D
 Acq: 25 Oct 2019 22:54

Tgt Ion	164	Resp	61764
Ion Ratio	100	Lower	Upper
162	100.0	81.8	122.6
160	42.8	34.4	51.6





#42

2,4,6-Tribromophenol

Concen: 14.711 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BF117553.D

Acq: 25 Oct 2019 22:54

Instrument :

BNA_F

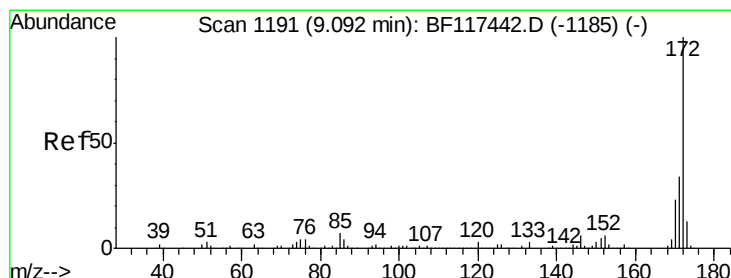
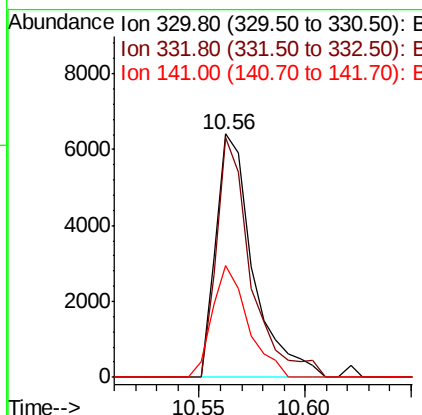
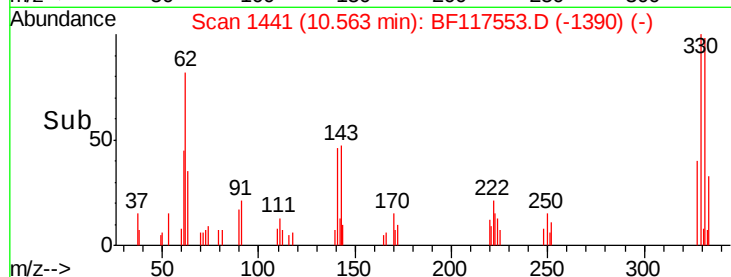
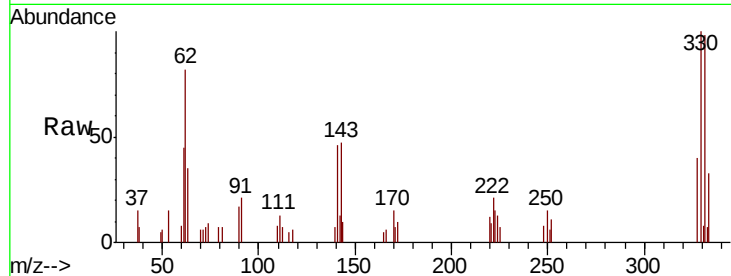
ClientSampleId :

179-76-(0-2.1)

Tot Ion	Ratio	Lower	Upper
330	100		
332	91.0	78.5	117.7
141	44.0	37.0	55.6

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#45

2-Fluorobiphenyl

Concen: 14.139 ng

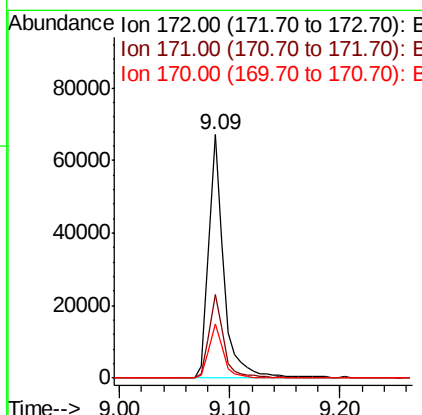
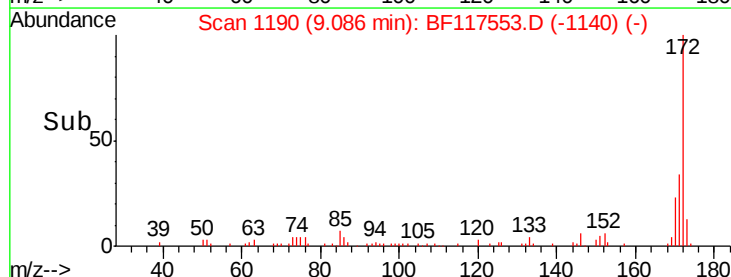
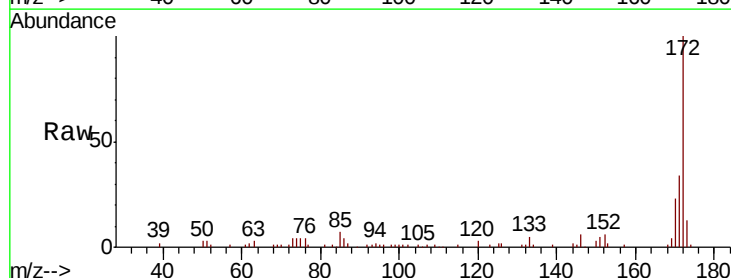
RT: 9.09 min Scan# 1190

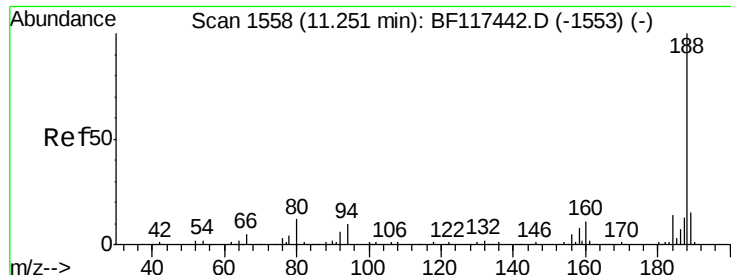
Delta R.T. -0.01 min

Lab File: BF117553.D

Acq: 25 Oct 2019 22:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.5	41.3
170	22.5	18.6	27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1559

Delta R.T. 0.01 min

Lab File: BF117553.D

Acq: 25 Oct 2019 22:54

Instrument :

BNA_F

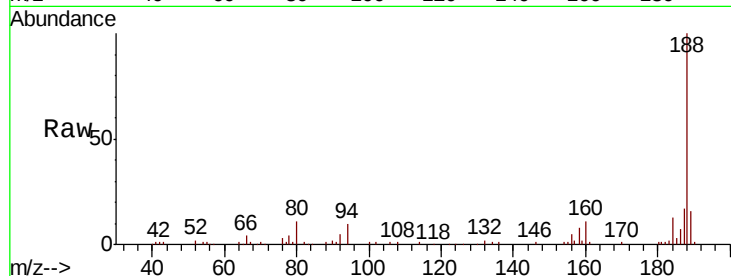
ClientSampleId :

179-76-(0-2.1)

Tot Ion:	188	Resp:	86357
Ion Ratio	Lower	Upper	
188	100		
94	9.8	8.0	12.0
80	10.7	9.5	14.3

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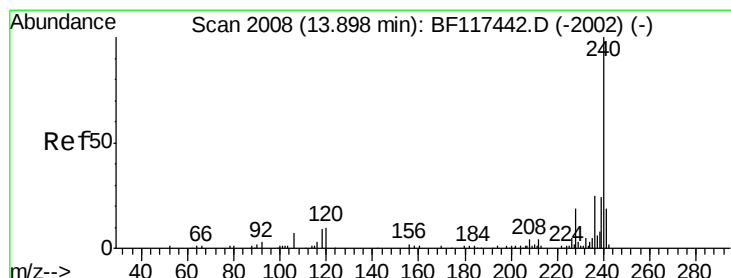
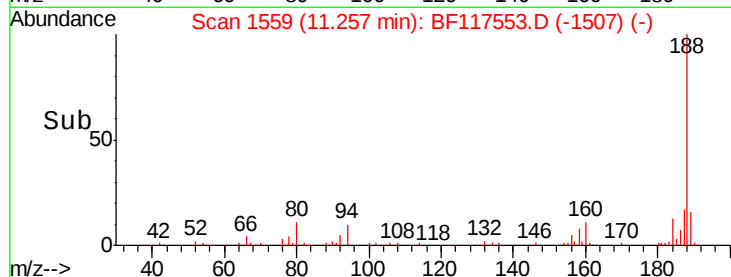
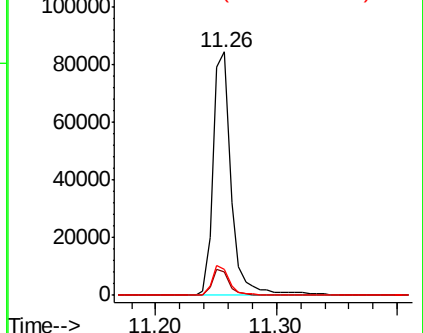
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

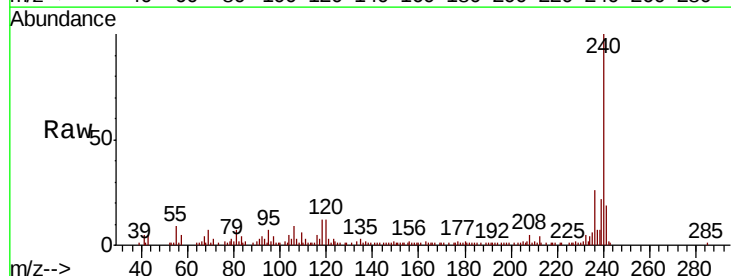
RT: 13.90 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF117553.D

Acq: 25 Oct 2019 22:54

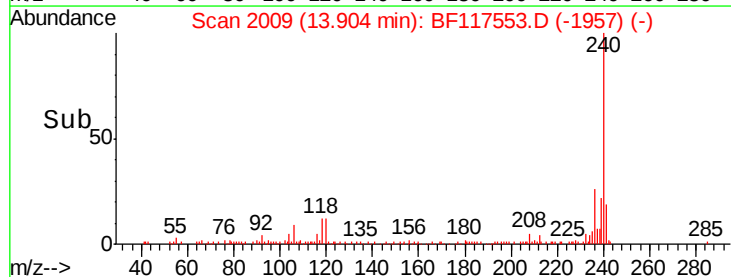
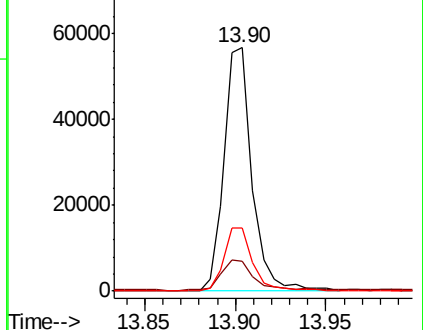
Tgt Ion:	240	Resp:	61207
Ion Ratio	Lower	Upper	
240	100		
120	12.4	8.4	12.6
236	26.0	20.0	30.0

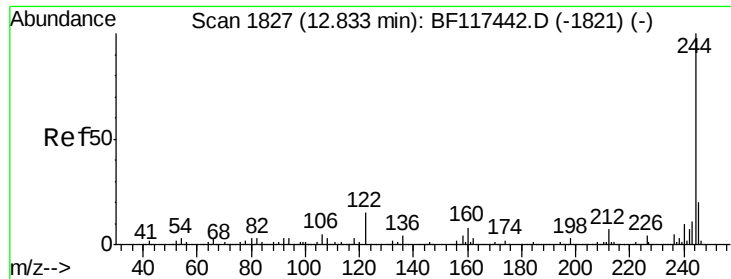


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





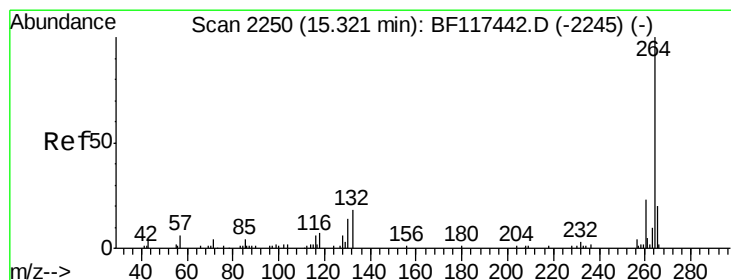
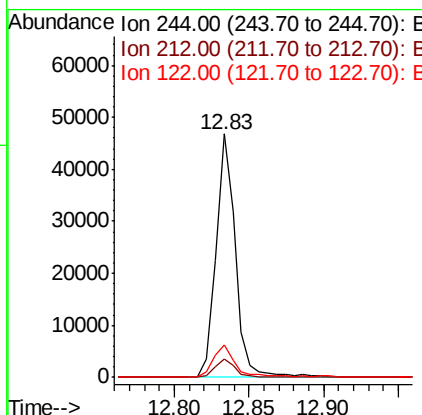
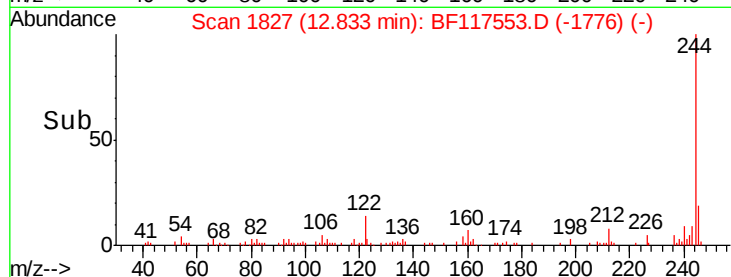
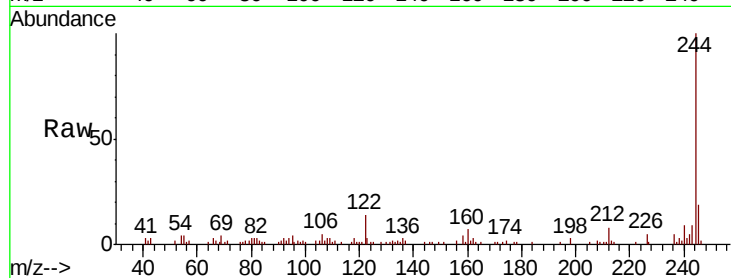
#79
 Terphenyl-d14
 Concen: 11.319 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF117553.D
 Acq: 25 Oct 2019 22:54

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 179-76-(0-2.1)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	13.5	11.8	17.8

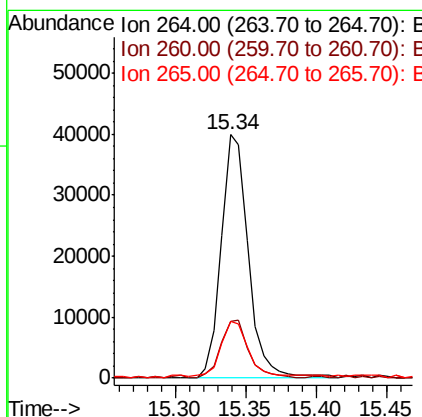
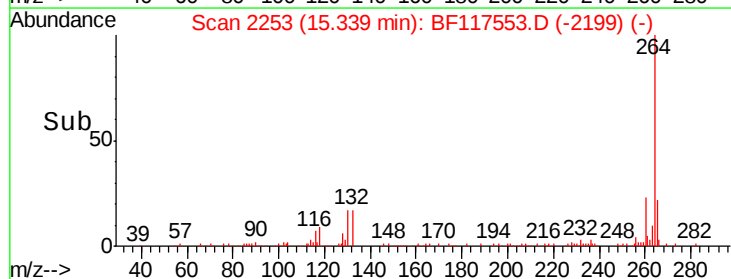
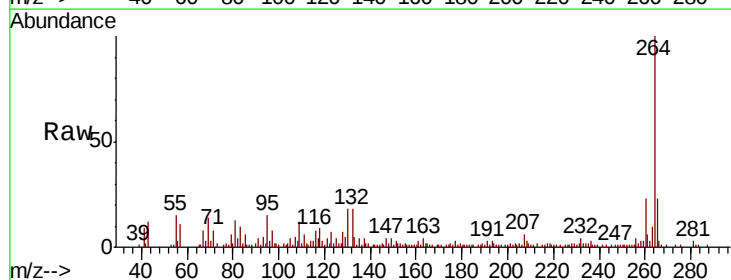
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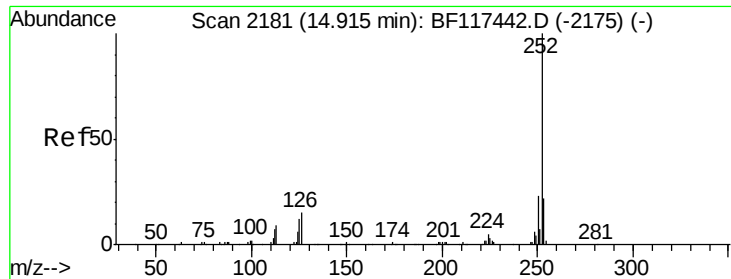
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2253
 Delta R.T. 0.02 min
 Lab File: BF117553.D
 Acq: 25 Oct 2019 22:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	23.2	16.1	24.1





#88
 Benzo(b)fluoranthene
 Concen: 2.169 ng/ml
 RT: 14.93 min Scan# 2184
 Delta R.T. 0.02 min
 Lab File: BF117553.D
 Acq: 25 Oct 2019 22:54

Instrument :
 BNA_F
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 179-76-(0-2.1)

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.2	17.8	26.6#
125	44.6	9.9	14.9#

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