

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102519\
 Data File : BF117544.D
 Acq On : 25 Oct 2019 18:53
 Operator : JU
 Sample : K5500-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 800-50-(0-2)

Manual Integrations
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mohammad
 10/29/2019 3:33:35 PM

Quant Time: Oct 26 05:56:39 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	36009	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	131885	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	57909	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	90186	20.00	ng	0.00
76) Chrysene-d12	13.89	240	75366	20.00	ng	0.00
87) Perylene-d12	15.33	264	59759	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	239461	98.93	ng	0.00
7) Phenol-d6	6.39	99	308466	94.89	ng	0.00
23) Nitrobenzene-d5	7.29	82	186938	69.98	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	44870	89.55	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	250086	60.85	ng	-0.01
79) Terphenyl-d14	12.83	244	210480	45.55	ng	0.00
Target Compounds						
10) Phenol	6.40	94	8683	2.617	ng	88
50) Dimethylphthalate	9.48	163	41716	10.105	ng	100
75) Fluoranthene	12.46	202	22178	4.230	ng	97
78) Pyrene	12.69	202	20989	3.242	ng	97
81) Benzo(a)anthracene	13.88	228	11220	2.207	ng	96
83) Chrysene	13.92	228	11212	2.250	ng	# 92
84) Bis(2-ethylhexyl)phthalate	13.86	149	19112	4.235	ng	94
88) Benzo(b)fluoranthene	14.93	252	10624m	3.011	ng	

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

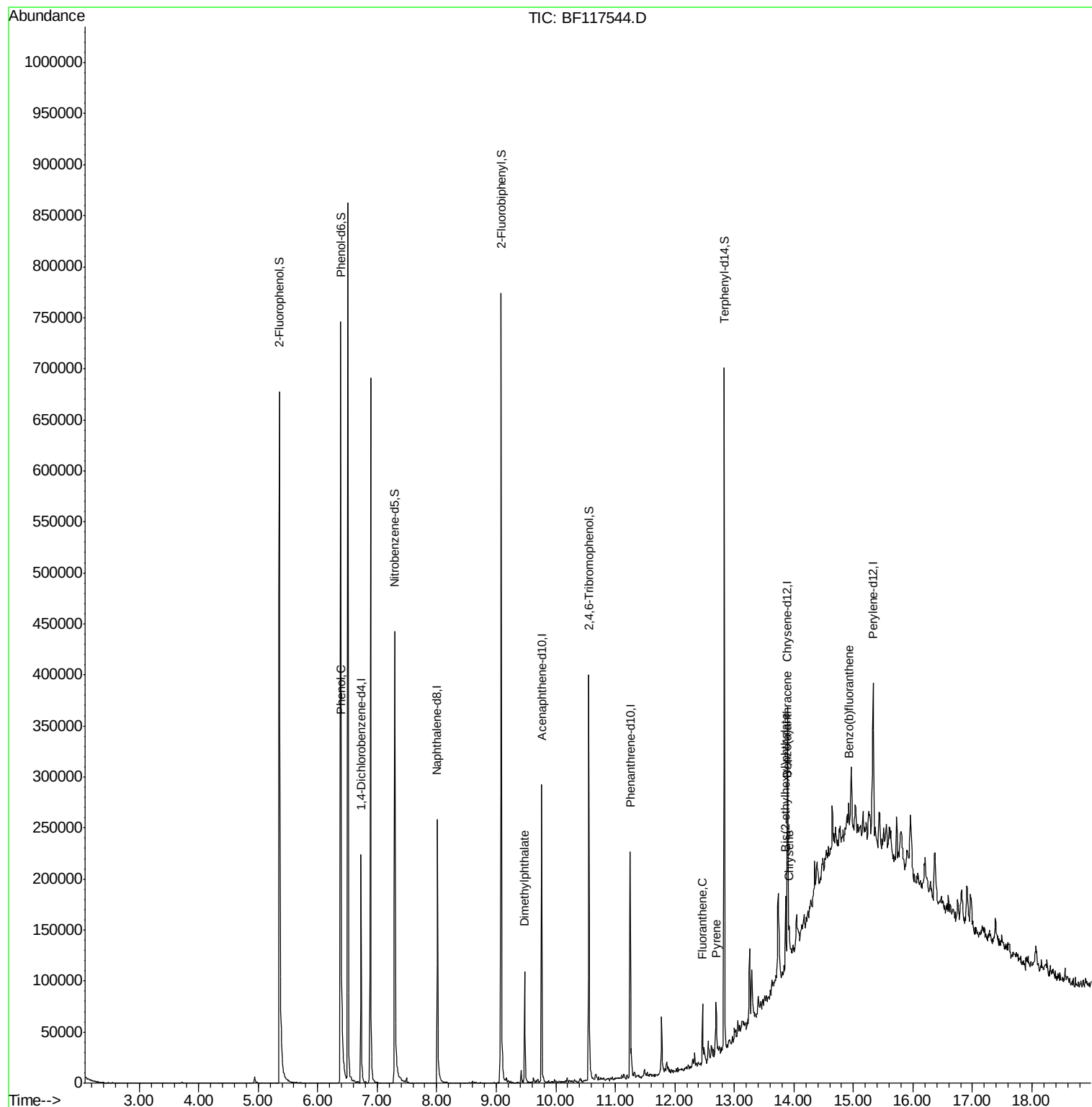
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102519\
Data File : BF117544.D
Acq On : 25 Oct 2019 18:53
Operator : JU
Sample : K5500-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

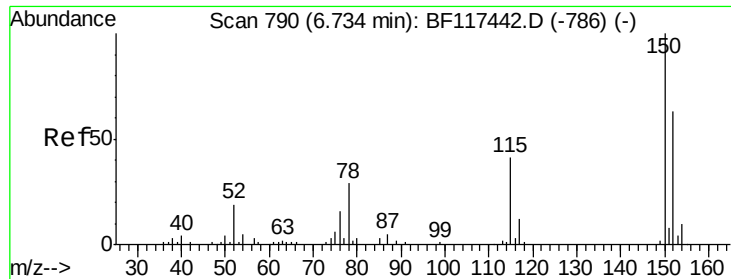
Instrument :
BNA_F
ClientSampleId :
800-50-(0-2)

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Quant Time: Oct 26 05:56:39 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





#1

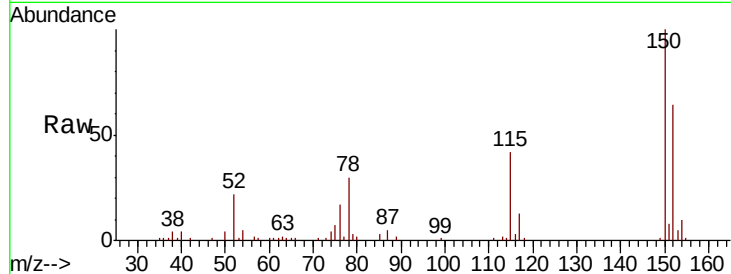
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117544.D
Acq: 25 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
800-50-(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.8	190.2
115	64.9	51.6	77.4

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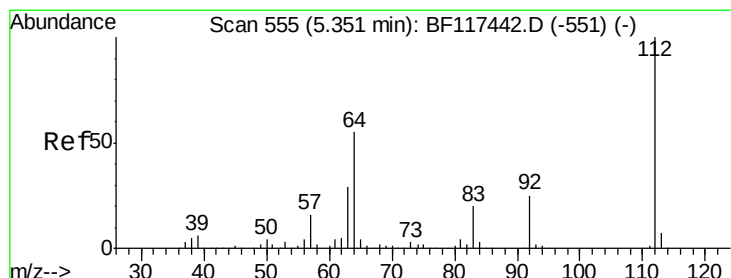
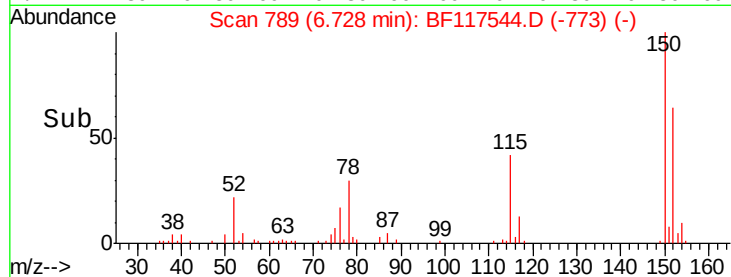
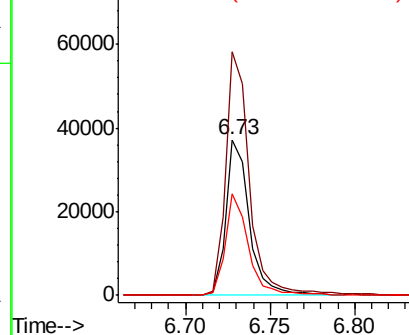


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

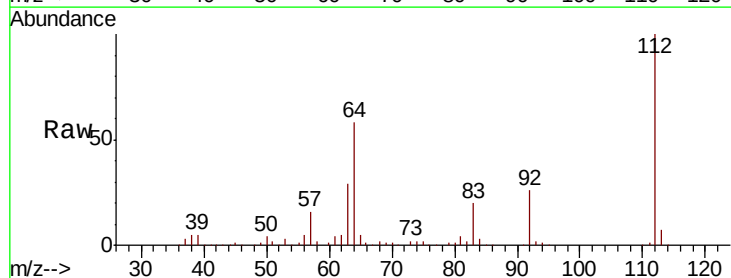
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 98.933 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117544.D
Acq: 25 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	44.1	66.1
63	29.4	23.4	35.2

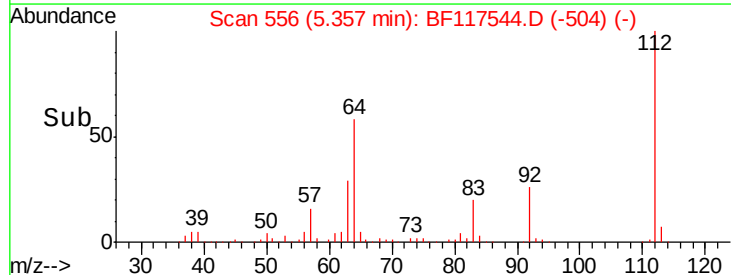
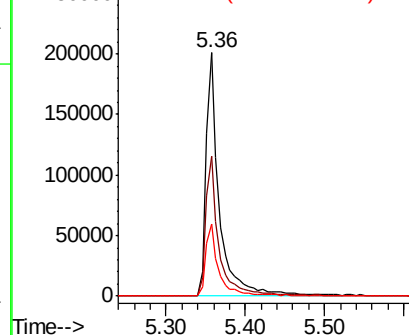


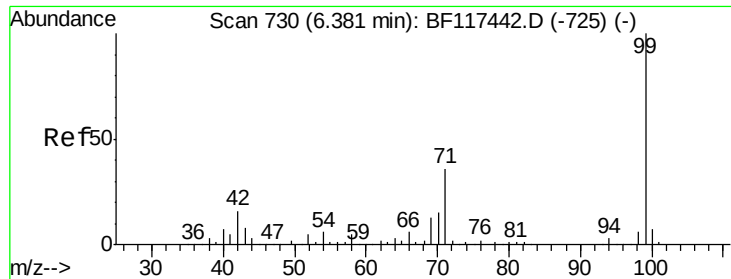
Abundance

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: 94.886 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117544.D

Acq: 25 Oct 2019 18:53

Instrument :

BNA_F

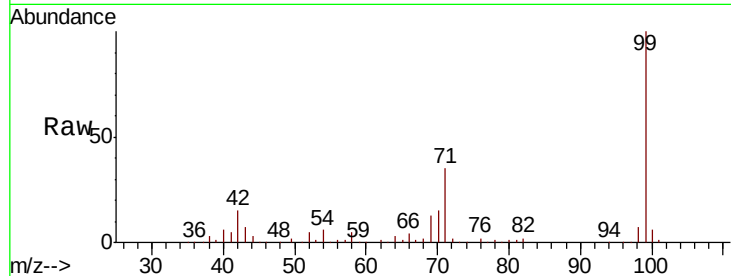
ClientSampleId :

800-50-(0-2)

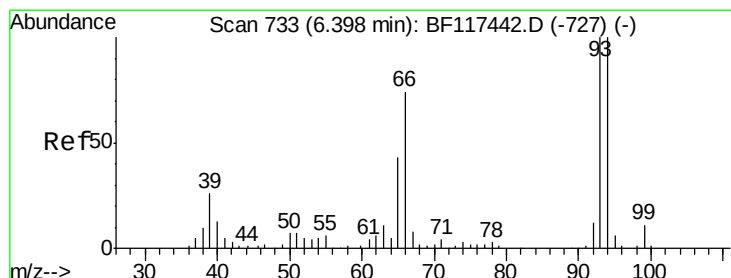
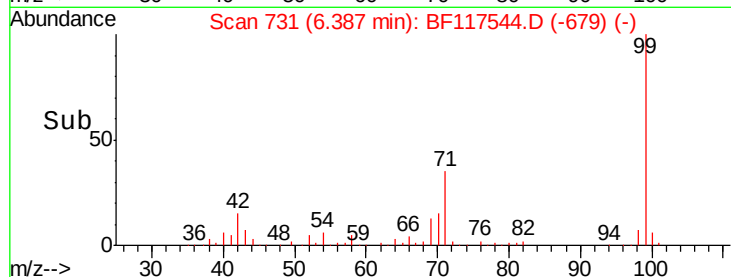
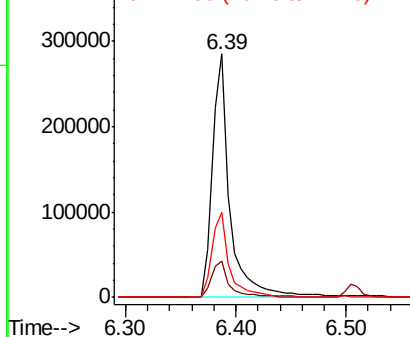
Tot Ion:	99	Resp:	308466
Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.8	19.2
71	35.1	28.6	43.0

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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



#10

Phenol

Concen: 2.617 ng

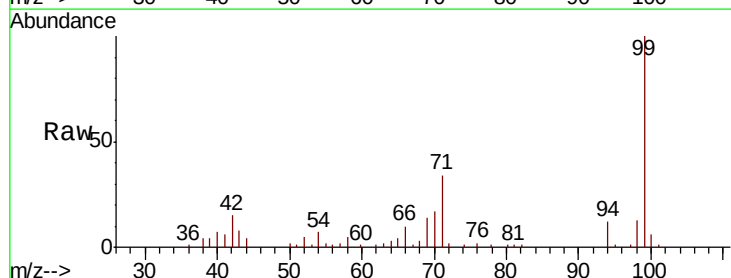
RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

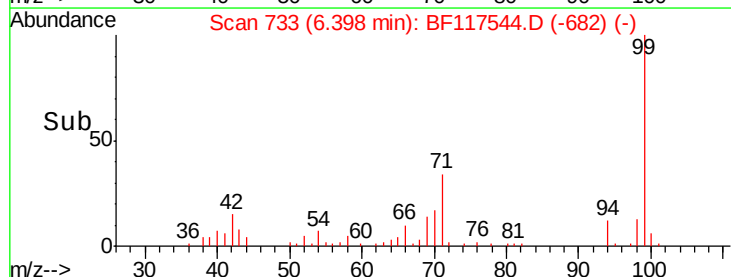
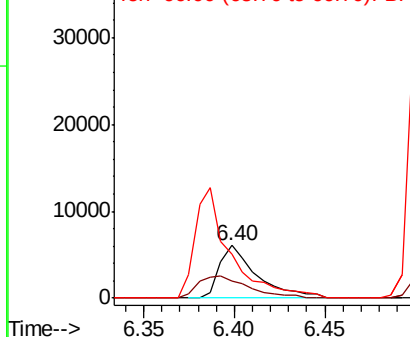
Lab File: BF117544.D

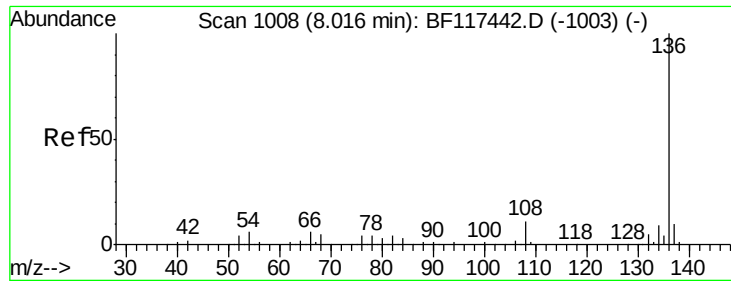
Acq: 25 Oct 2019 18:53

Tgt Ion:	94	Resp:	8683
Ion	Ratio	Lower	Upper
94	100		
65	33.2	23.4	63.4
66	82.8	54.7	94.7



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





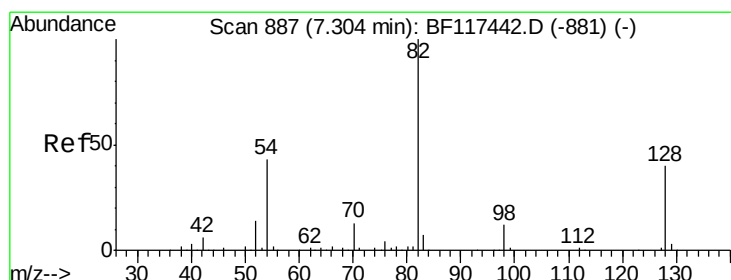
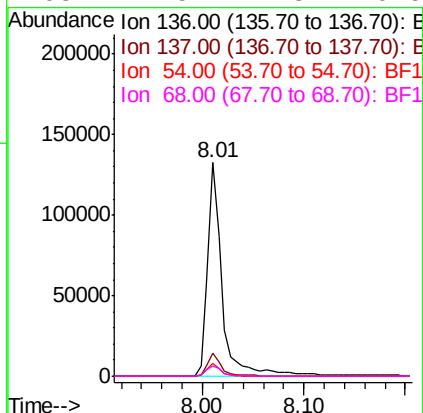
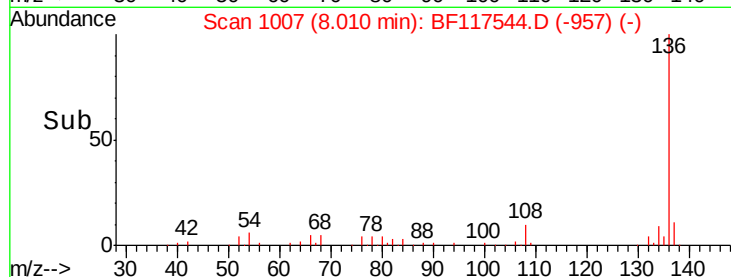
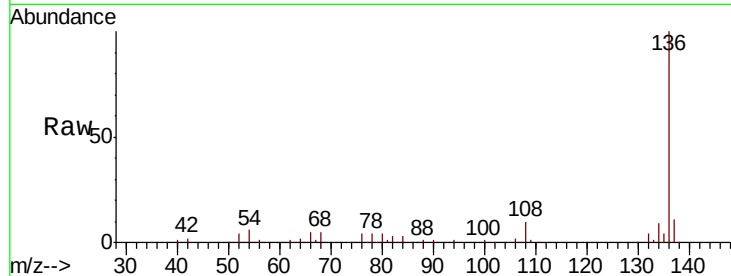
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117544.D
Acq: 25 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
800-50-(0-2)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.6	8.2	12.4		
54	6.2	4.5	6.7		
68	4.5	4.3	6.5		

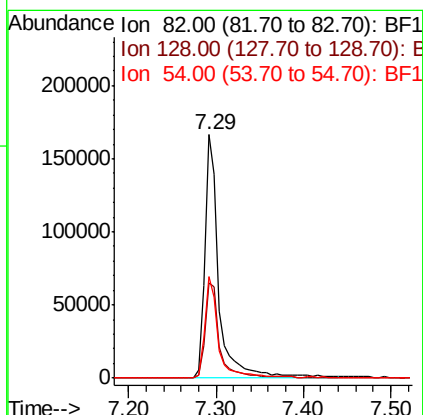
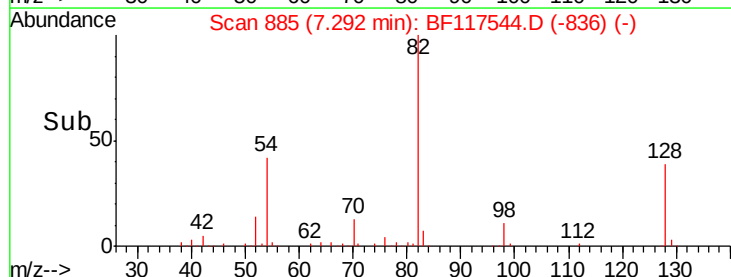
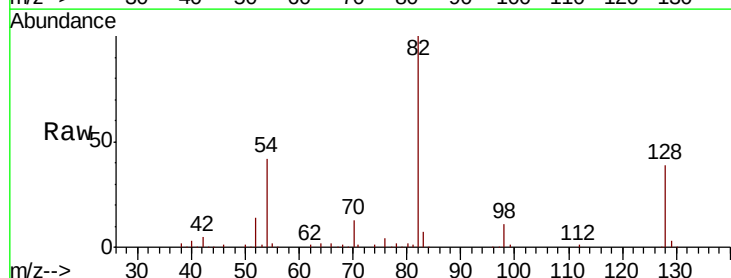
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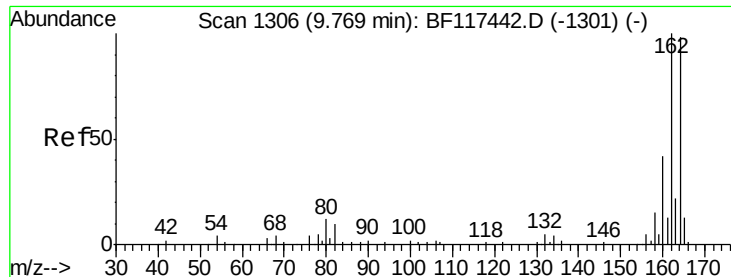
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#23
Nitrobenzene-d5
Concen: 69.976 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117544.D
Acq: 25 Oct 2019 18:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	39.1	32.2	48.2		
54	42.0	34.2	51.2		





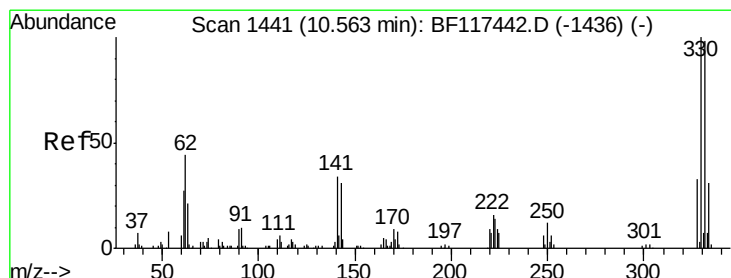
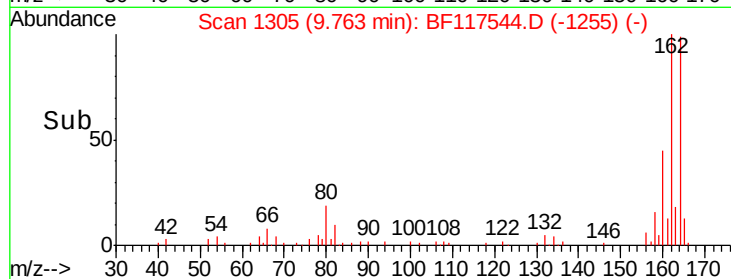
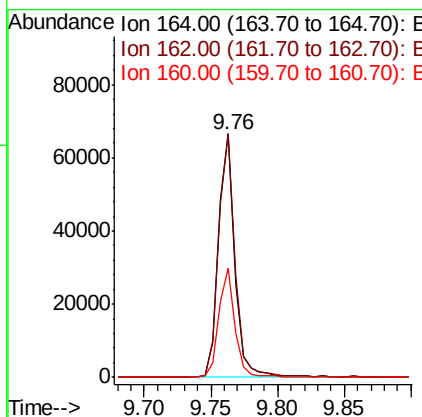
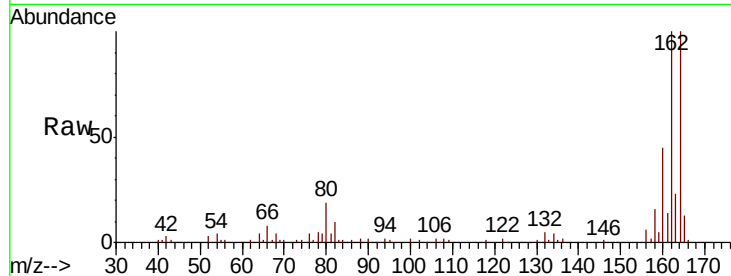
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF117544.D
 Acq: 25 Oct 2019 18:53

Instrument :
 BNA_F
 ClientSampleId :
 800-50-(0-2)

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.8	122.6
160	44.7	34.4	51.6

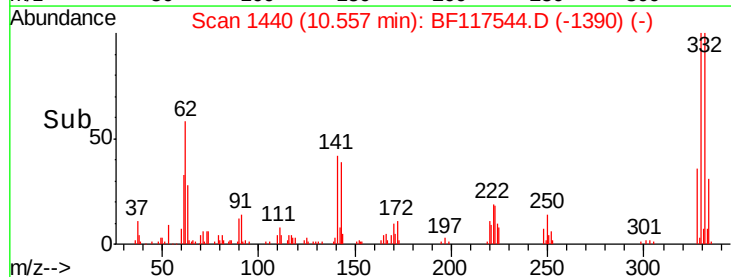
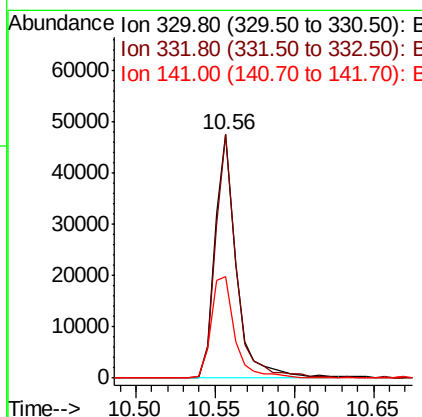
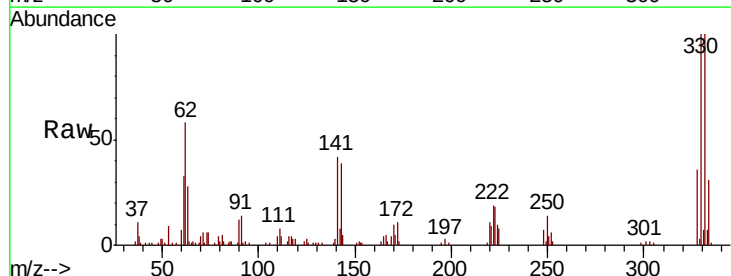
Manual Integrations
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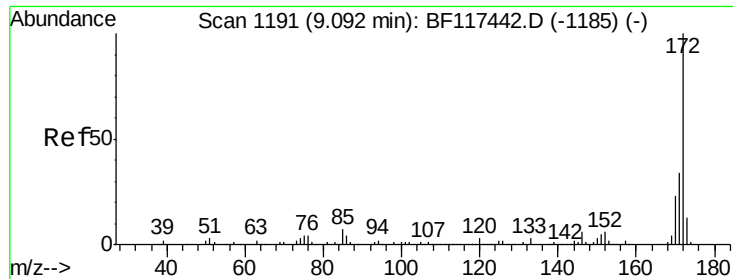
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#42
 2,4,6-Tribromophenol
 Concen: 89.550 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF117544.D
 Acq: 25 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.5	117.7
141	46.1	37.0	55.6





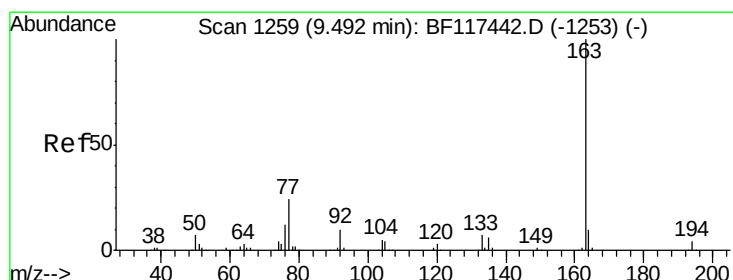
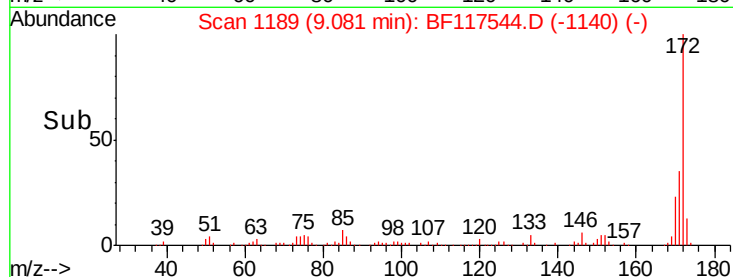
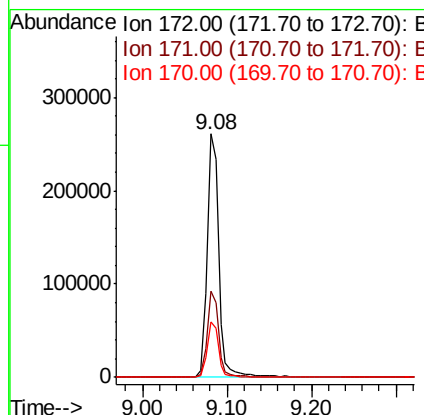
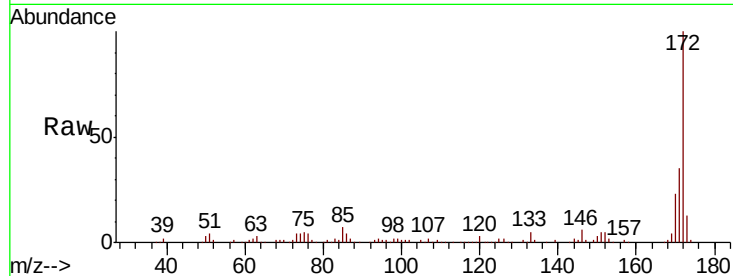
#45
2-Fluorobiphenyl
Concen: 60.849 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117544.D
Acq: 25 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
800-50-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
172	100	250086		
171	35.2		27.5	41.3
170	22.5		18.6	27.8

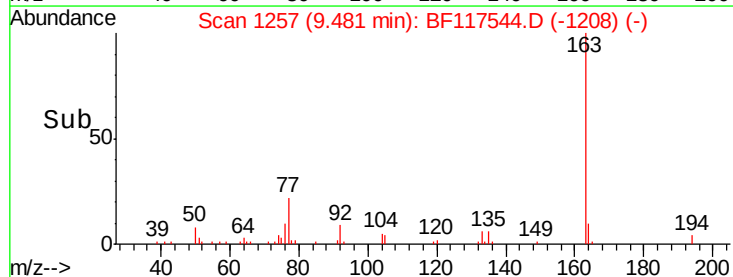
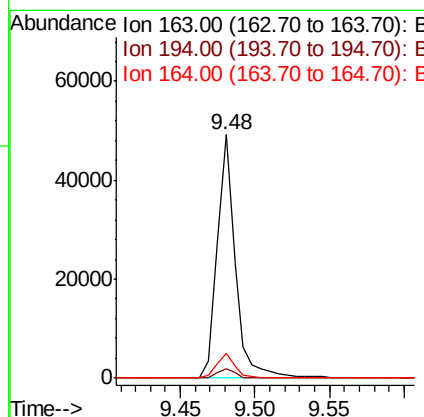
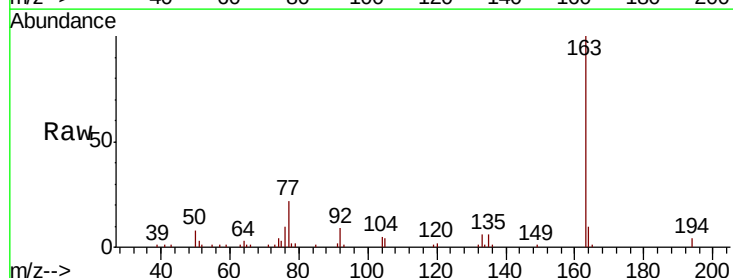
Manual Integrations
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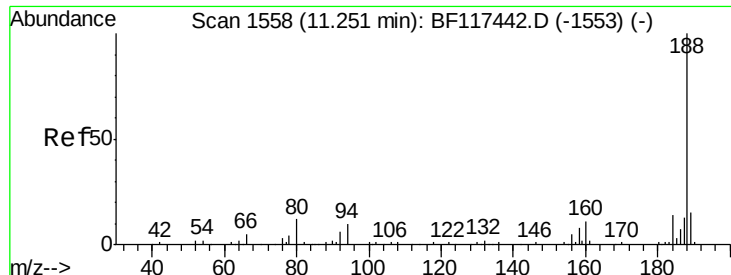
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#50
Dimethylphthalate
Concen: 10.105 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117544.D
Acq: 25 Oct 2019 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	41716		
194	3.8		2.9	4.3
164	10.4		8.2	12.2





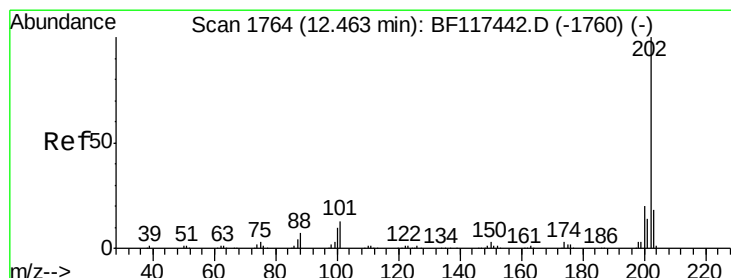
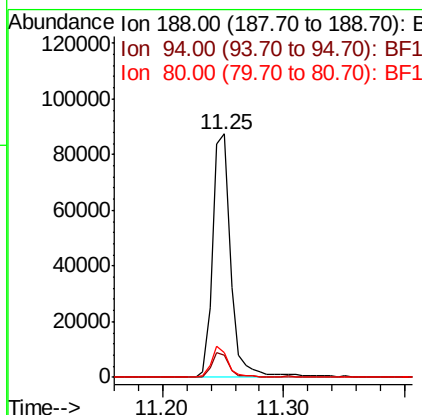
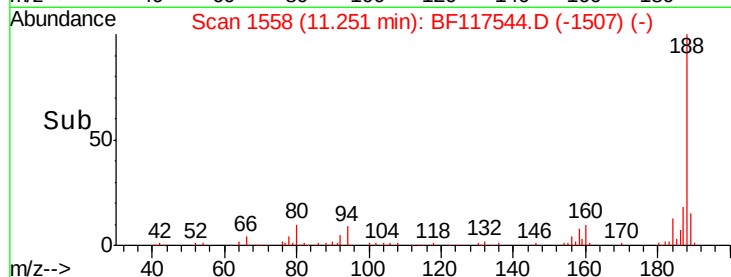
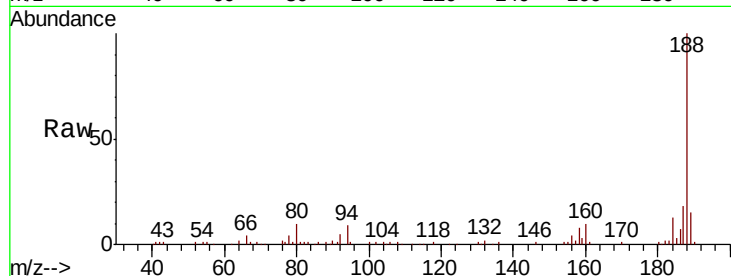
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF117544.D
Acq: 25 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
800-50-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.9	8.0	12.0	
80	10.4	9.5	14.3	

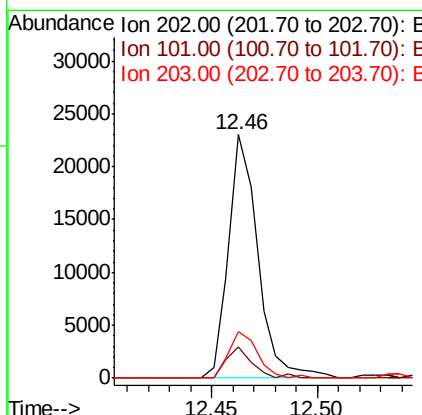
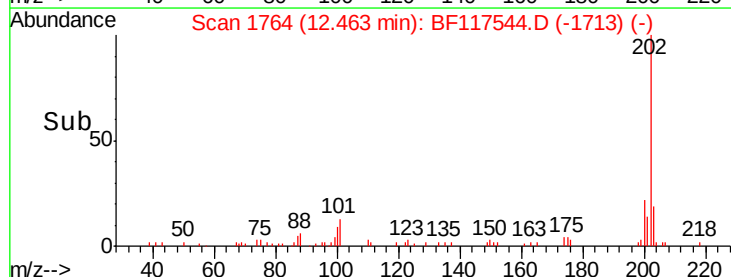
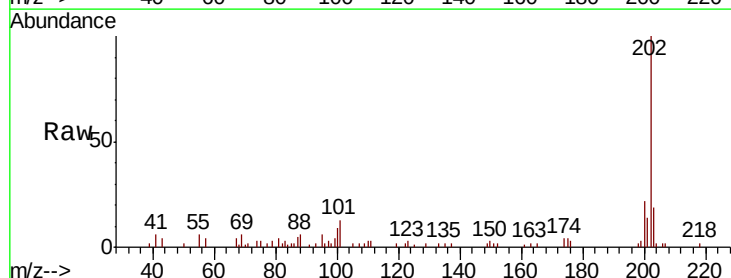
Manual Integrations
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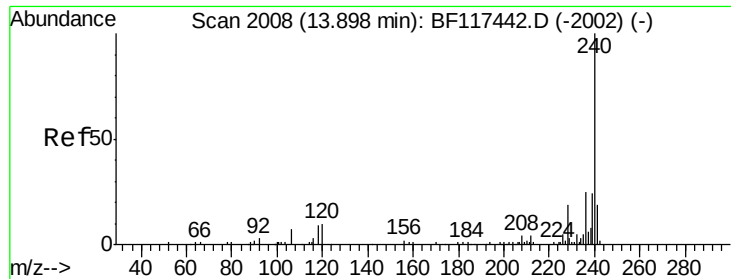
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#75
Fluoranthene
Concen: 4.230 ng
RT: 12.46 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BF117544.D
Acq: 25 Oct 2019 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	12.9	0.0	32.7	
203	19.3	0.0	37.6	





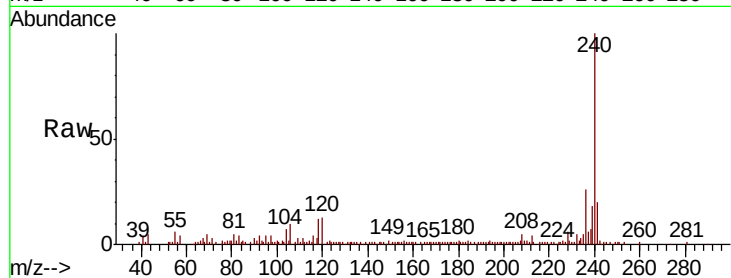
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117544.D
Acq: 25 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
800-50-(0-2)

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.0	8.4	12.6
236	25.6	20.0	30.0

Manual Integrations
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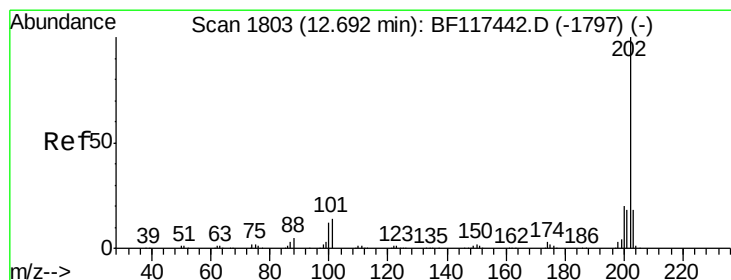
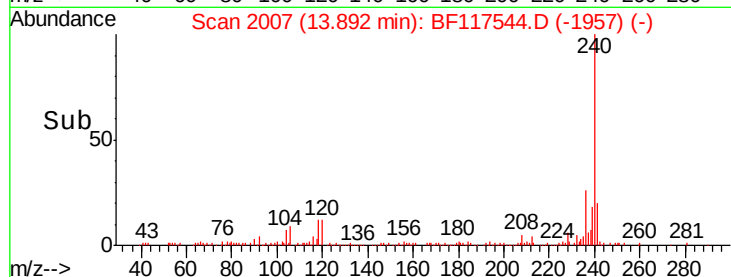
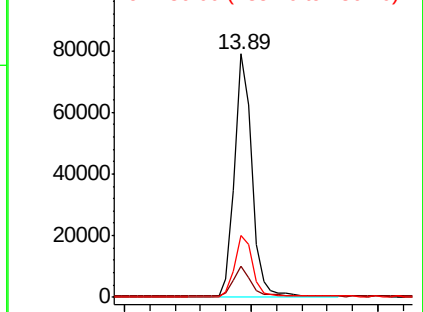


Abundance

Ion 240.00 (239.70 to 240.70): E

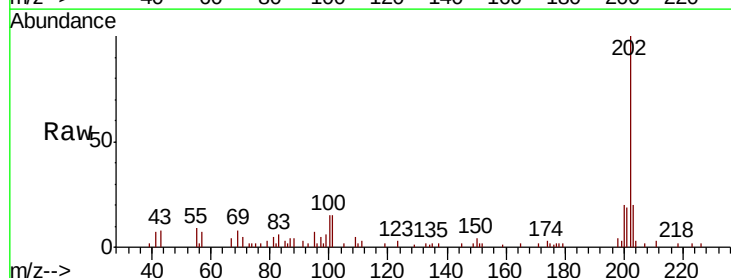
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78
Pyrene
Concen: 3.242 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BF117544.D
Acq: 25 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.2	24.2
203	20.0	14.0	21.0

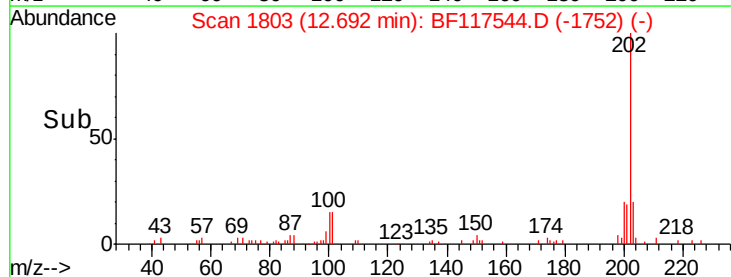
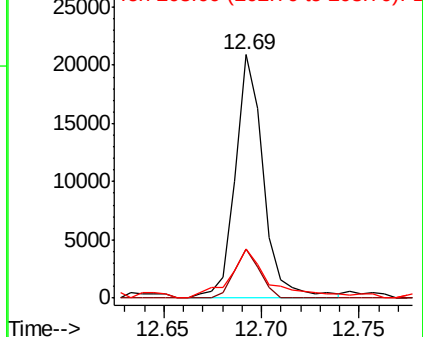


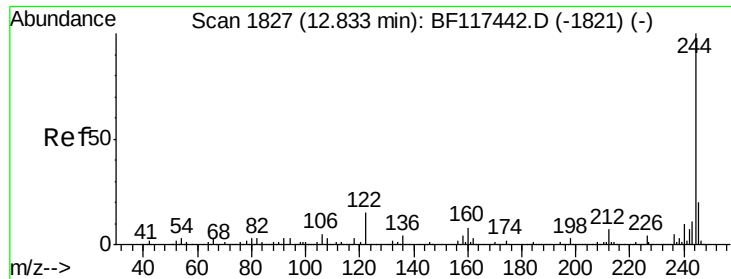
Abundance

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





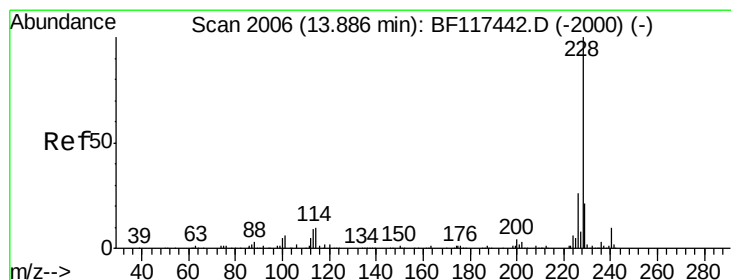
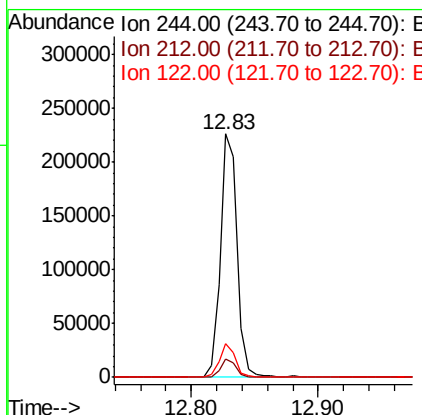
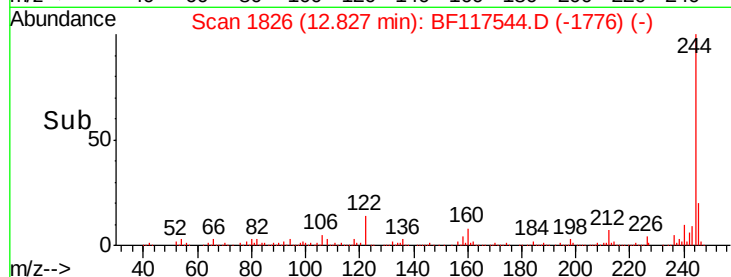
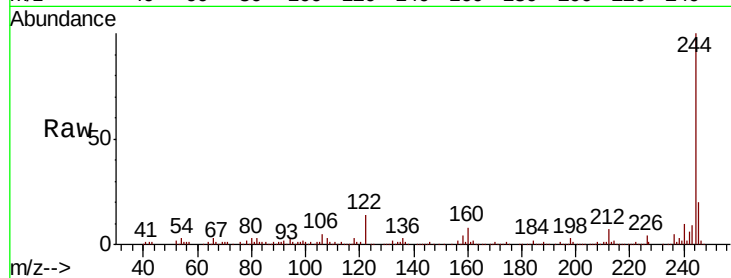
#79
 Terphenyl-d14
 Concen: 45.553 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117544.D
 Acq: 25 Oct 2019 18:53

Instrument :
 BNA_F
 ClientSampleId :
 800-50-(0-2)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	13.8	11.8	17.8

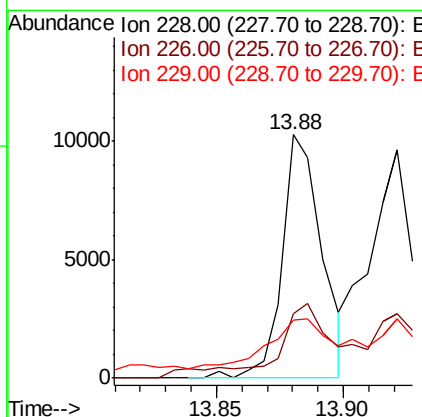
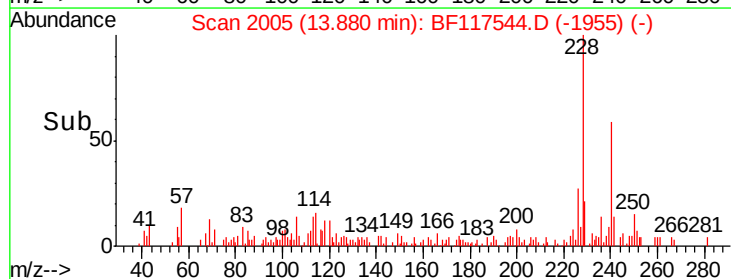
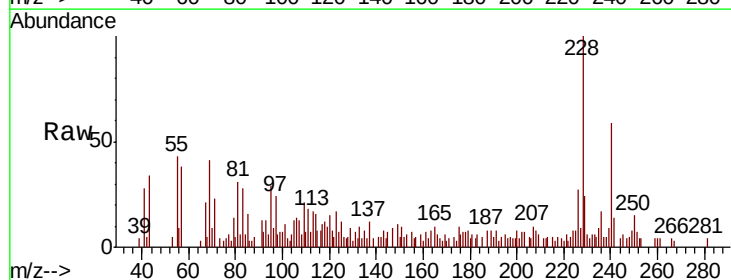
Manual Integrations
 APPROVED

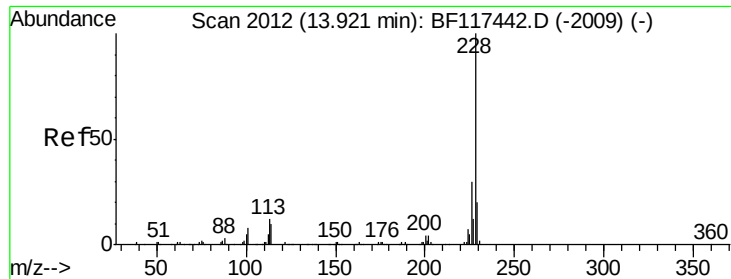
mohammad
 10/29/2019 3:33:35 PM



#81
 Benzo(a)anthracene
 Concen: 2.207 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF117544.D
 Acq: 25 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.0	31.4
229	23.9	16.4	24.6





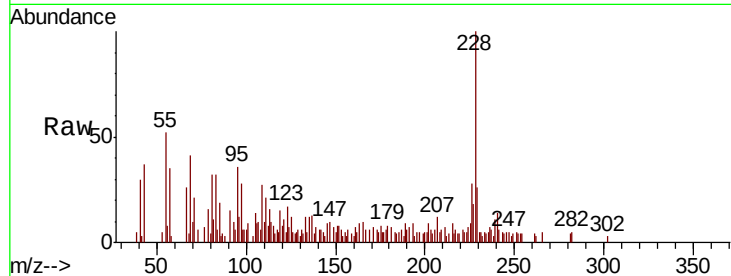
#83
Chrysene
Concen: 2.250 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BF117544.D
Acq: 25 Oct 2019 18:53

Instrument :
BNA_F
ClientSampled :
800-50-(0-2)

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.9	35.9
229	26.1	15.8	23.6

Manual Integrations
APPROVED

mohammad
10/29/2019 3:33:35 PM

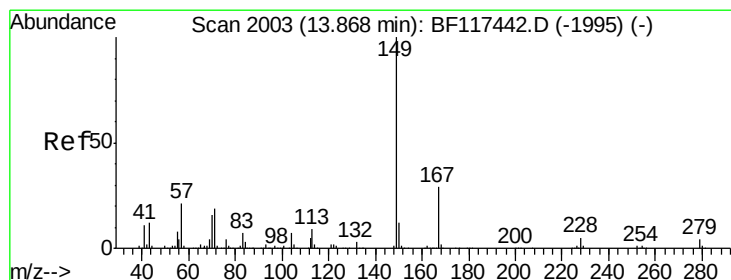
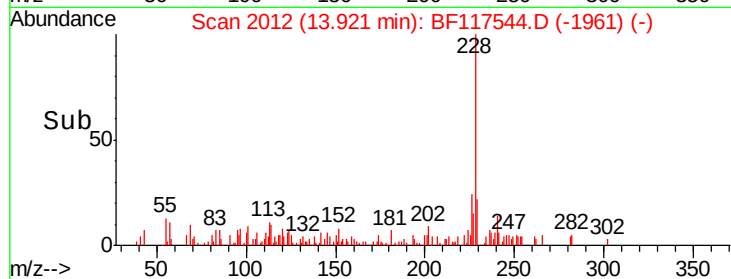
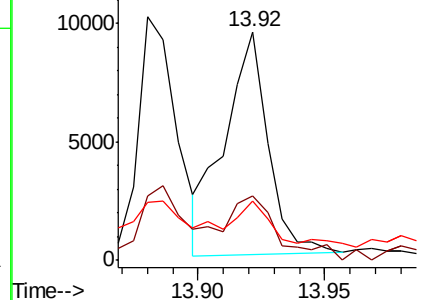


Abundance

Ion 228.00 (227.70 to 228.70): E

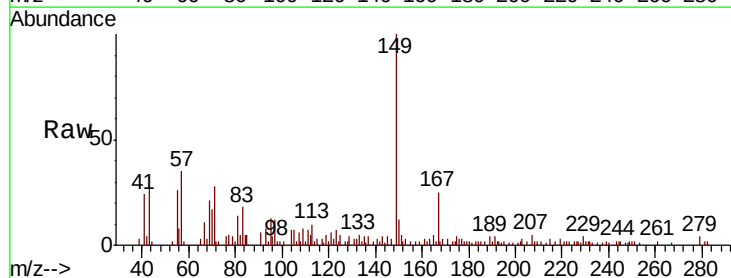
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.235 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF117544.D
Acq: 25 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.4	23.3	34.9
279	3.8	3.2	4.8

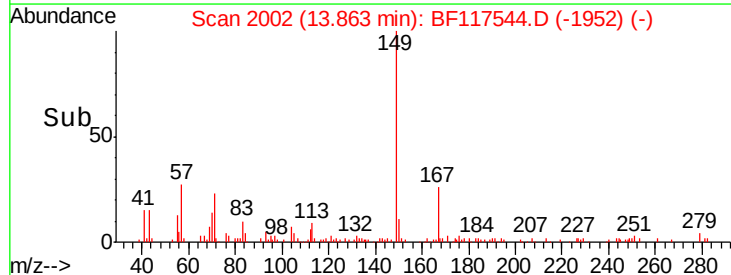
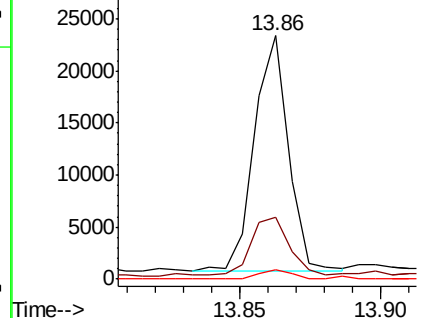


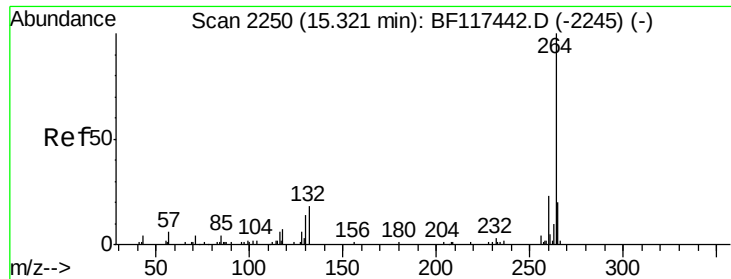
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





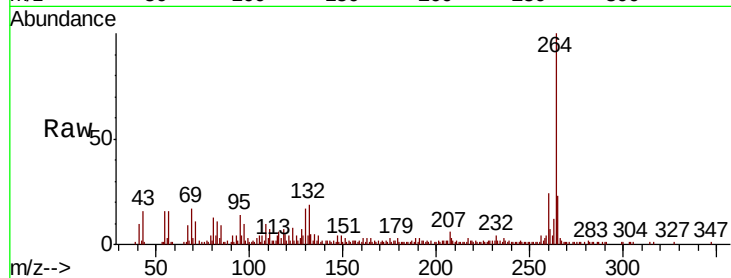
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF117544.D
Acq: 25 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
800-50-(0-2)

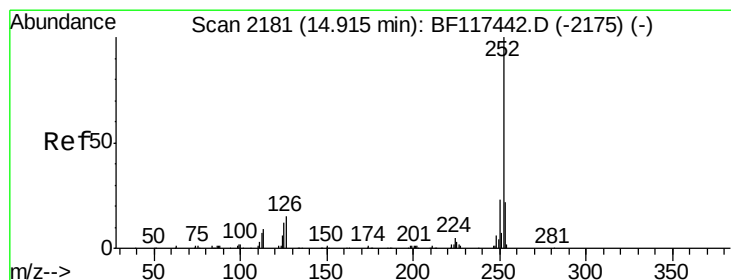
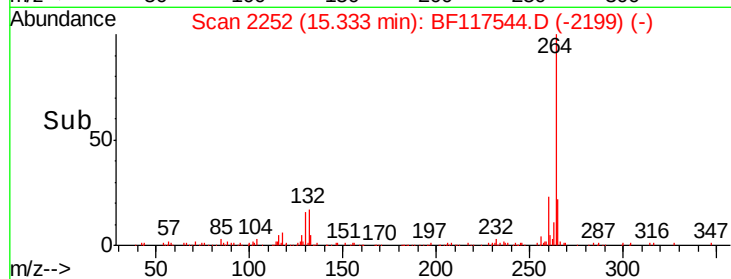
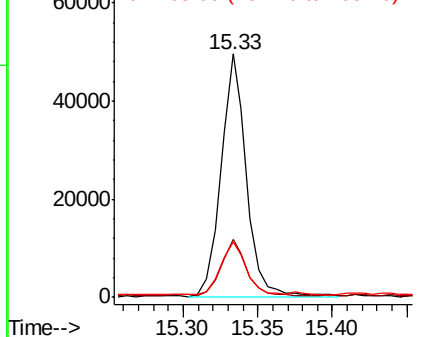
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.4	27.6
265	22.9	16.1	24.1

Manual Integrations
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10/29/2019 3:33:35 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: 3.011 ng m
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF117544.D
Acq: 25 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	37.4	17.8	26.6#
125	39.2	9.9	14.9#

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

