

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111157.D
 Acq On : 7 Dec 2018 00:00
 Operator : JU/SJ
 Sample : J6206-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HLSP-SB-4A-(0-2)

Manual Integrations
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Quant Time: Dec 07 02:42:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	502239	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1977037	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	948000	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1544331	20.00	ng	0.00
76) Chrysene-d12	13.96	240	914378	20.00	ng	0.00
87) Perylene-d12	15.39	264	948203	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	3268103	101.54	ng	0.01
7) Phenol-d6	6.44	99	4129379	99.60	ng	0.00
23) Nitrobenzene-d5	7.36	82	2696456	80.75	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	858775	113.96	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	3968392	75.96	ng	0.00
79) Terphenyl-d14	12.91	244	2678414	59.99	ng	0.00
Target Compounds						
10) Phenol	6.45	94	317470	7.023	ng	100
50) Dimethylphthalate	9.56	163	558433	8.464	ng	97
71) Phenanthrene	11.35	178	159153m	2.142	ng	
75) Fluoranthene	12.53	202	255129	3.510	ng	97
78) Pyrene	12.76	202	227681	3.196	ng	95
83) Chrysene	13.98	228	113537	2.135	ng	93
88) Benzo(b)fluoranthene	14.97	252	174694m	3.251	ng	
90) Benzo(a)pyrene	15.33	252	100200	2.033	ng	98

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

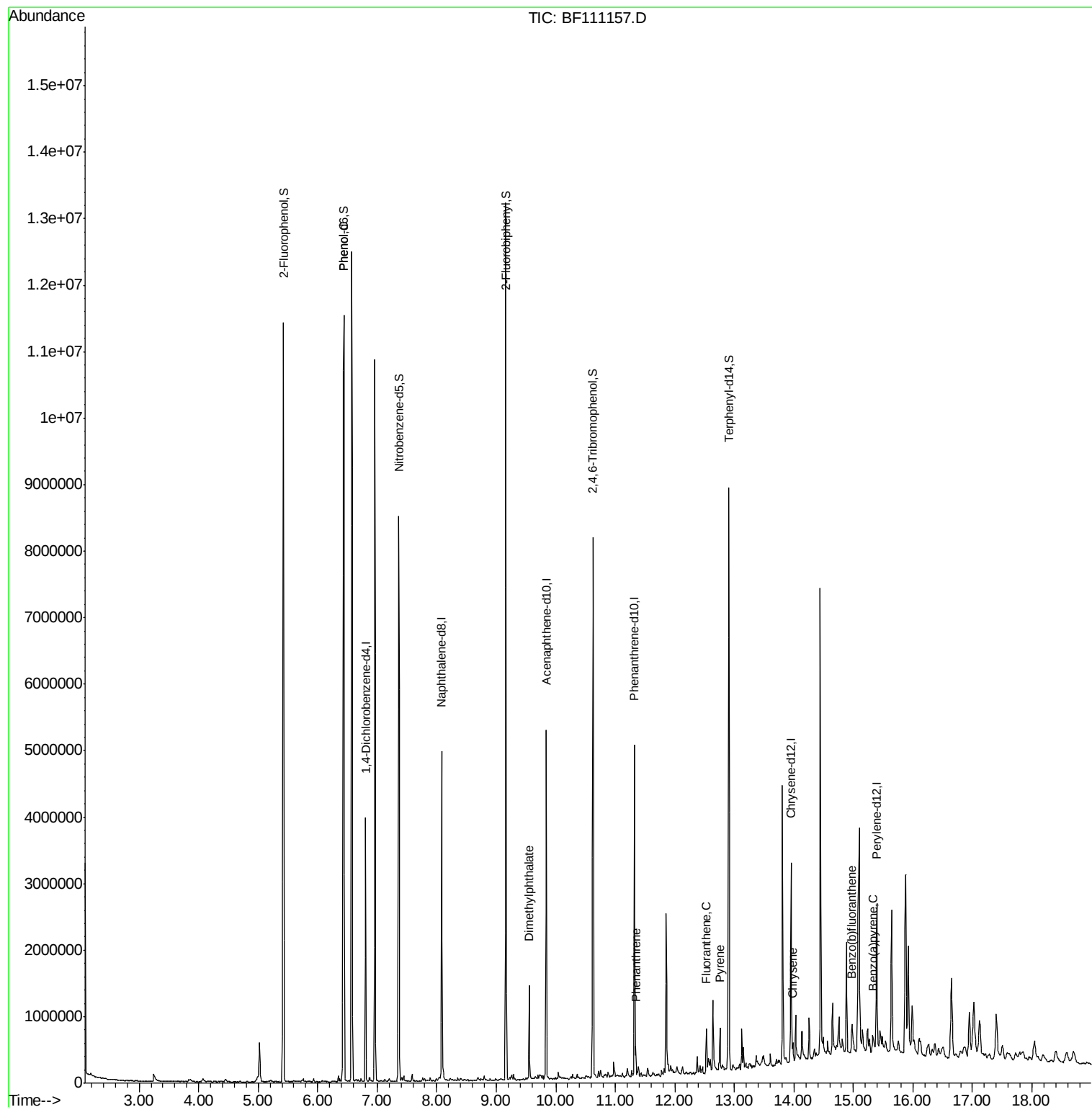
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111157.D
Acq On : 7 Dec 2018 00:00
Operator : JU/SJ
Sample : J6206-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

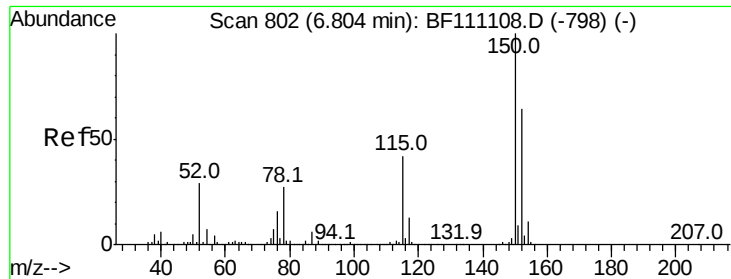
Instrument :
BNA_F
ClientSampleId :
HLSP-SB-4A-(0-2)

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Quant Time: Dec 07 02:42:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration





#1

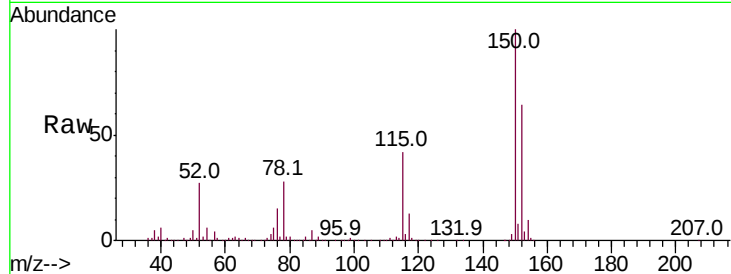
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF111157.D
Acq: 7 Dec 2018 00:00

Instrument :
BNA_F
ClientSampleId :
HLSP-SB-4A-(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.6	187.0
115	65.2	52.2	78.2

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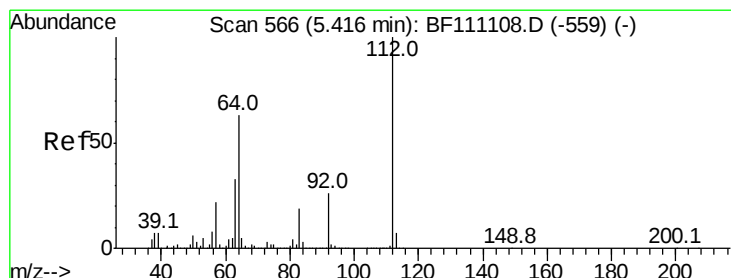
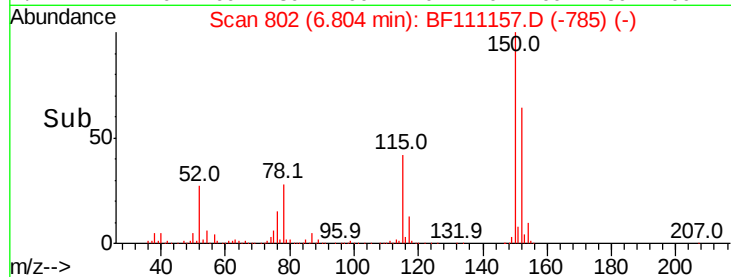
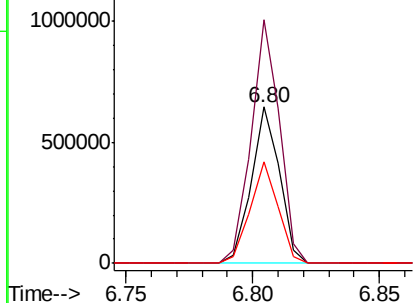


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

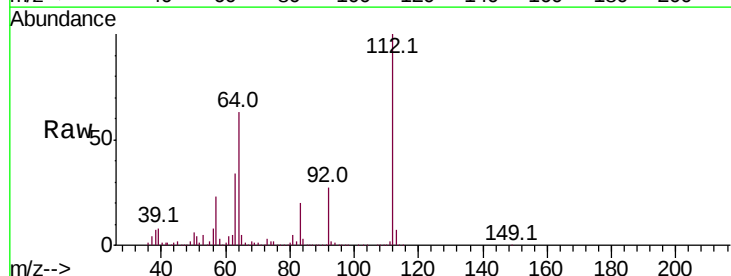
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 101.540 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111157.D
Acq: 7 Dec 2018 00:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	50.2	75.4
63	34.2	26.6	39.8

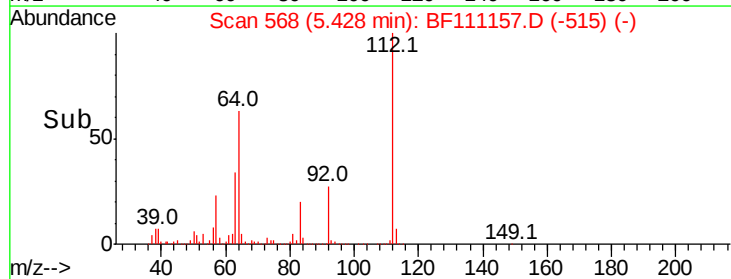
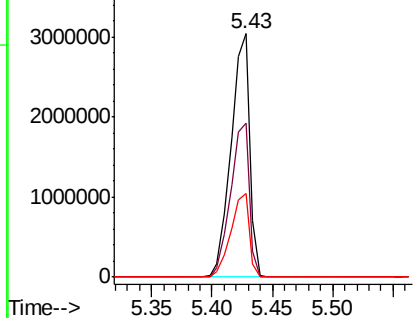


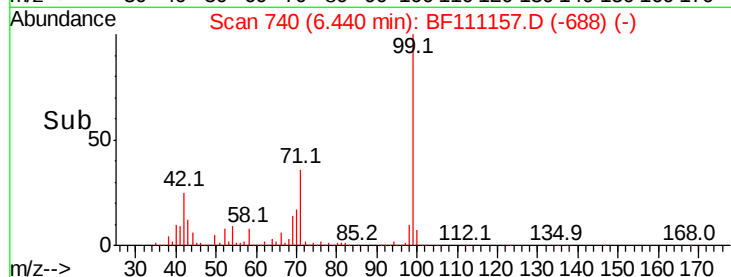
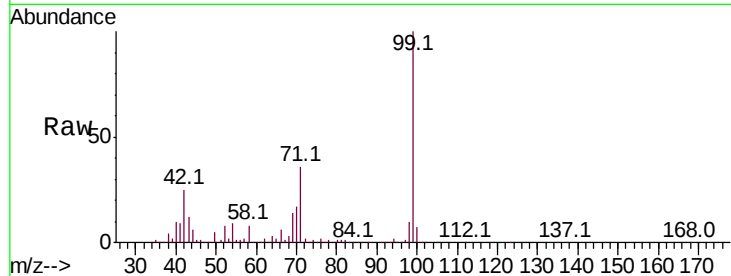
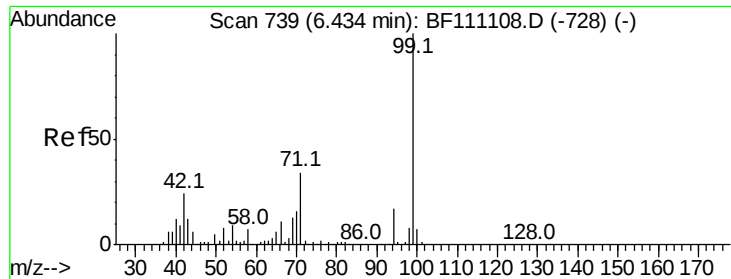
Abundance

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: 99.598 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111157.D

Acq: 7 Dec 2018 00:00

Tot Ion: 99 Resp: 4129379

Ion Ratio Lower Upper

99 100

42 24.6 19.3 28.9

71 35.8 27.4 41.2

Instrument :

BNA_F

ClientSampleId :

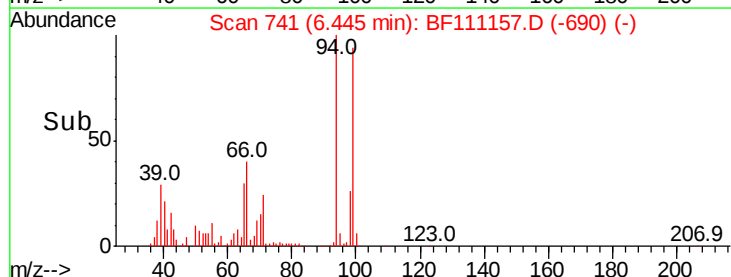
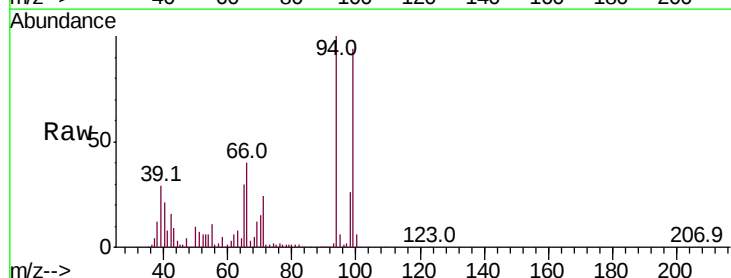
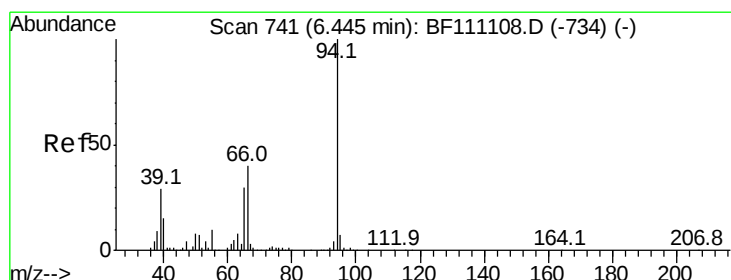
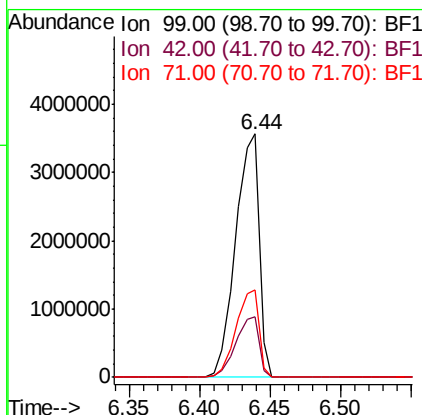
HLSP-SB-4A-(0-2)

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#10

Phenol

Concen: 7.023 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF111157.D

Acq: 7 Dec 2018 00:00

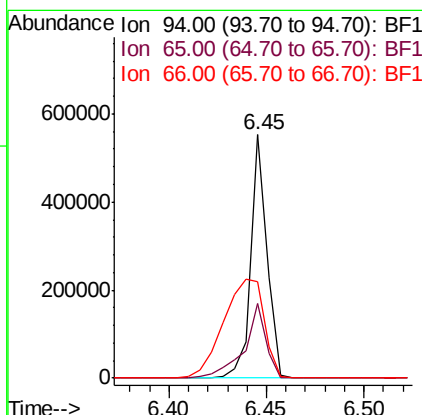
Tgt Ion: 94 Resp: 317470

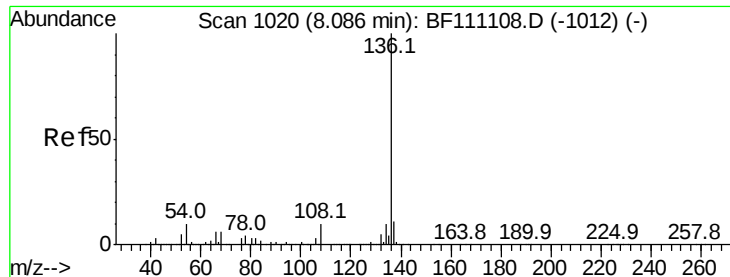
Ion Ratio Lower Upper

94 100

65 30.4 10.5 50.5

66 39.7 19.8 59.8





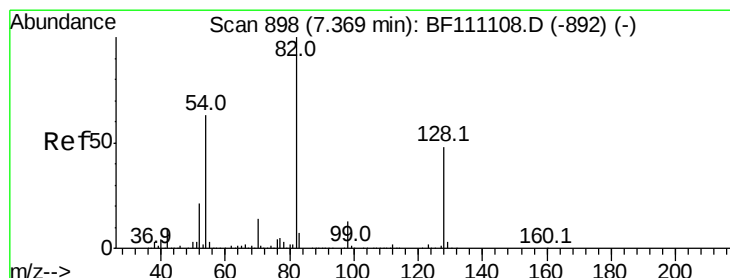
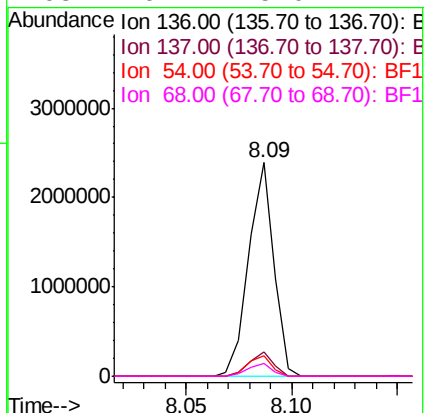
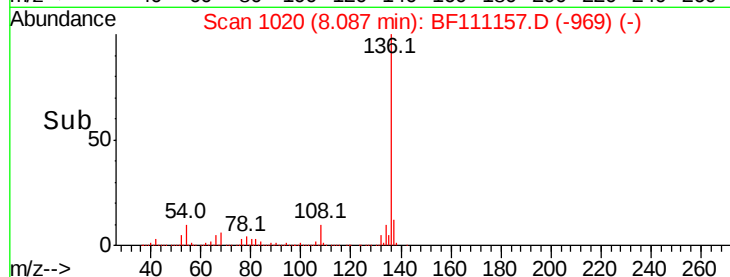
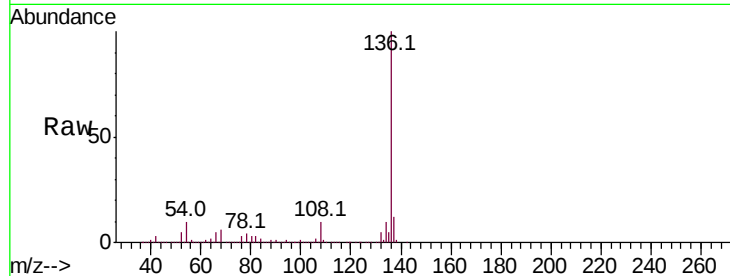
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF111157.D
Acq: 7 Dec 2018 00:00

Instrument :
BNA_F
ClientSampleId :
HLSP-SB-4A-(0-2)

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.6
54	9.9	8.4	12.6
68	6.1	5.0	7.4

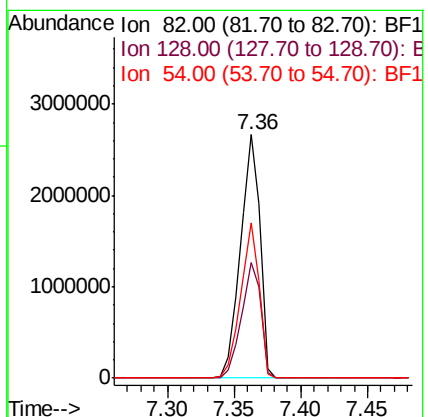
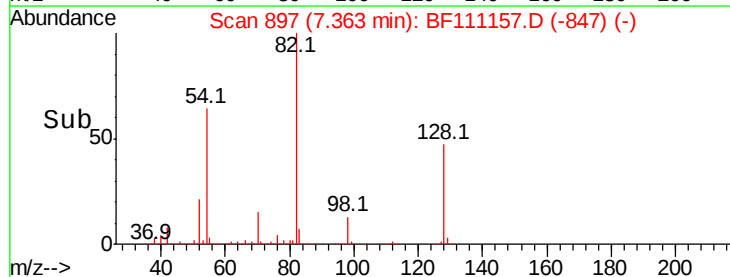
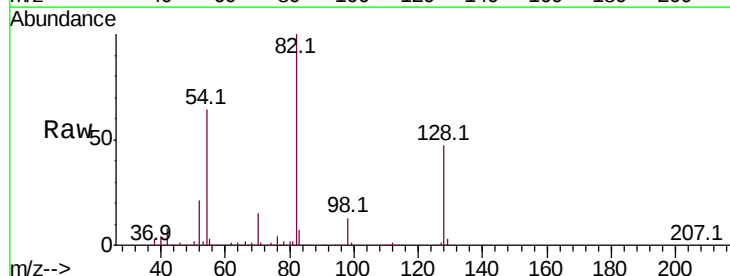
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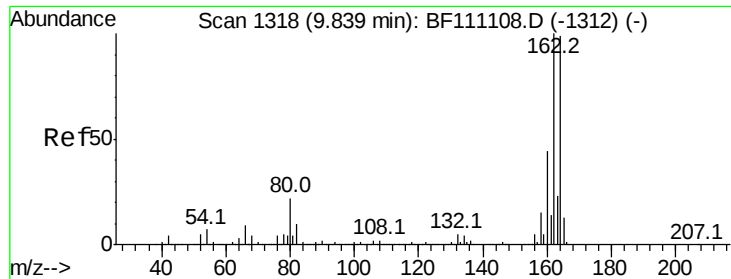
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#23
Nitrobenzene-d5
Concen: 80.747 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111157.D
Acq: 7 Dec 2018 00:00

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.4	38.1	57.1
54	63.9	50.3	75.5





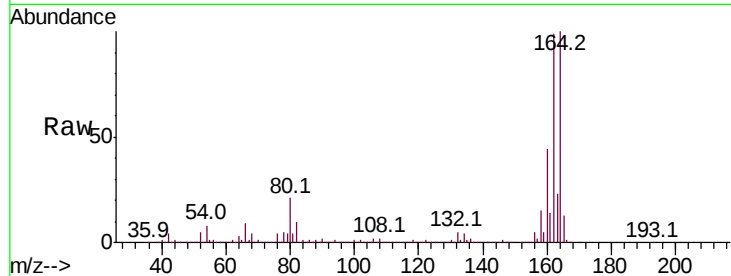
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF111157.D
Acq: 7 Dec 2018 00:00

Instrument :
BNA_F
ClientSampleId :
HLSP-SB-4A-(0-2)

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.6	120.8
160	44.2	35.5	53.3

Manual Integrations
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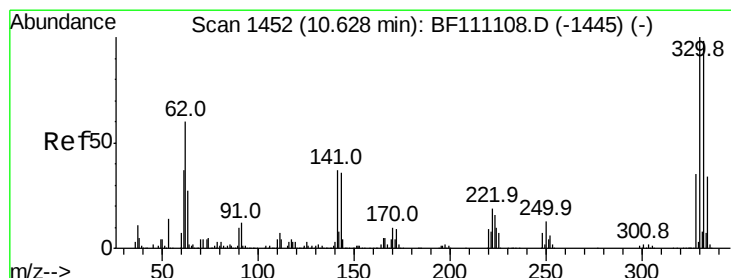
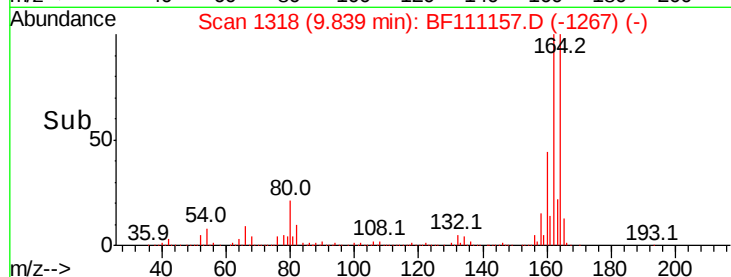
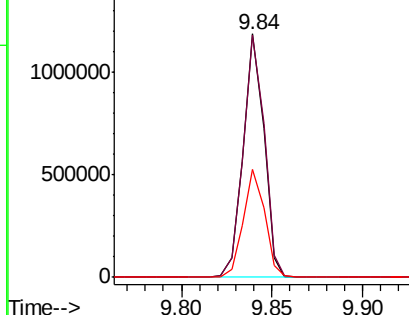


Abundance

Ion 164.00 (163.70 to 164.70): E

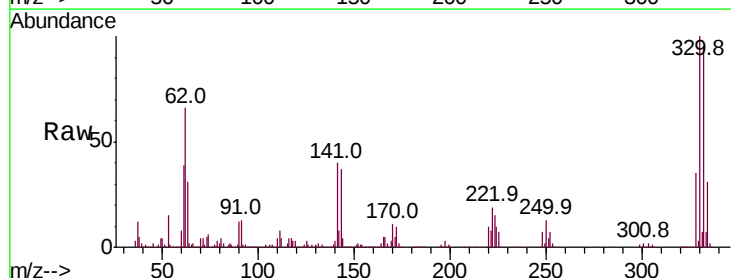
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 113.964 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BF111157.D
Acq: 7 Dec 2018 00:00

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.2	115.8
141	42.0	36.1	54.1

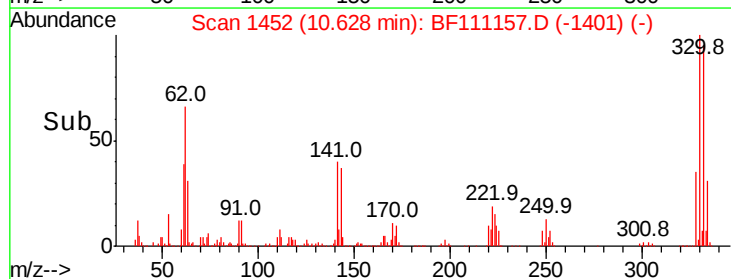
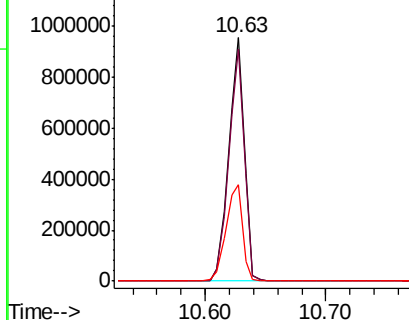


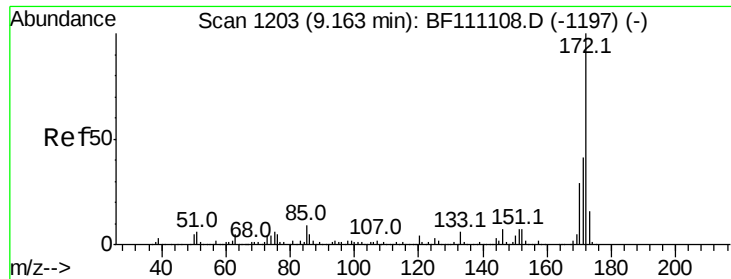
Abundance

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





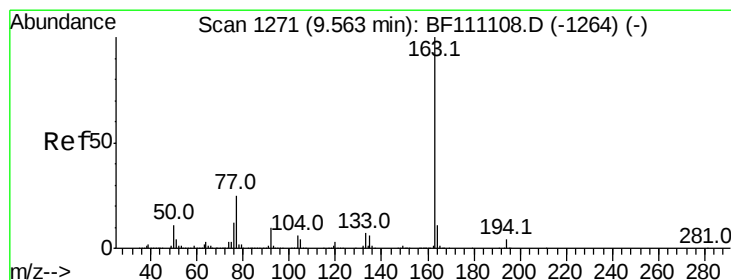
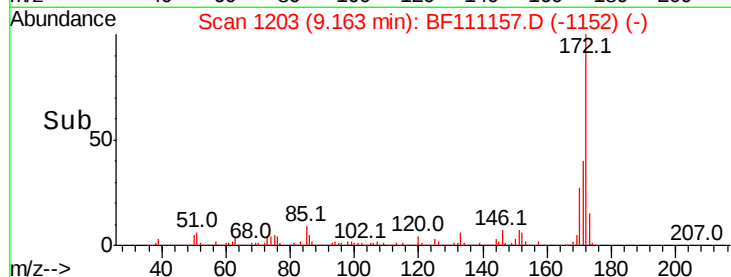
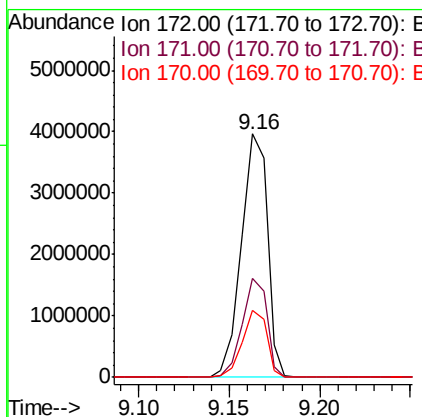
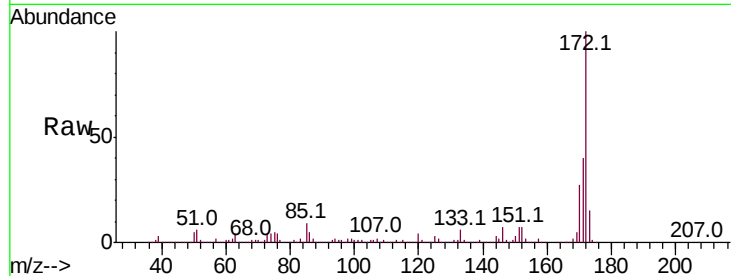
#45
2-Fluorobiphenyl
Concen: 75.958 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111157.D
Acq: 7 Dec 2018 00:00

Instrument :
BNA_F
ClientSampleId :
HLSP-SB-4A-(0-2)

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.5	33.2	49.8
170	27.5	22.9	34.3

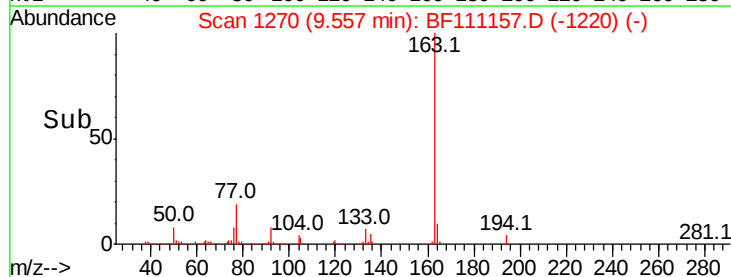
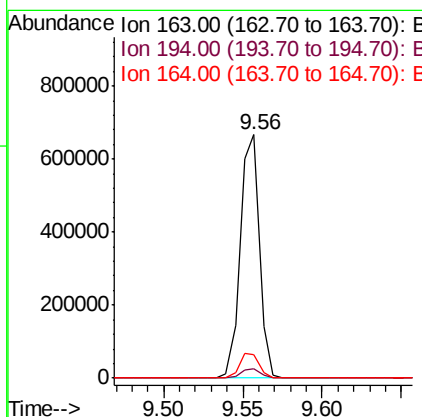
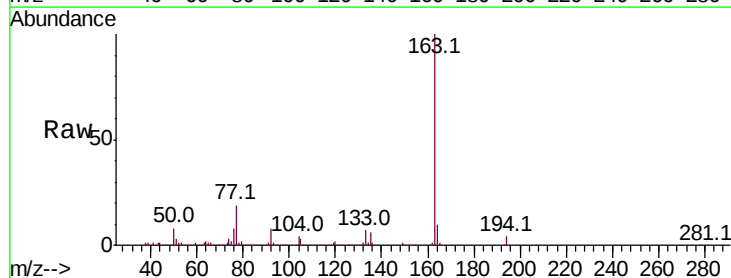
Manual Integrations
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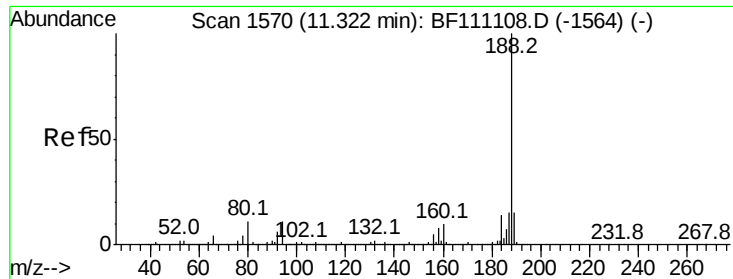
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#50
Dimethylphthalate
Concen: 8.464 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF111157.D
Acq: 7 Dec 2018 00:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	9.7	8.9	13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF111157.D

Acq: 7 Dec 2018 00:00

Instrument :

BNA_F

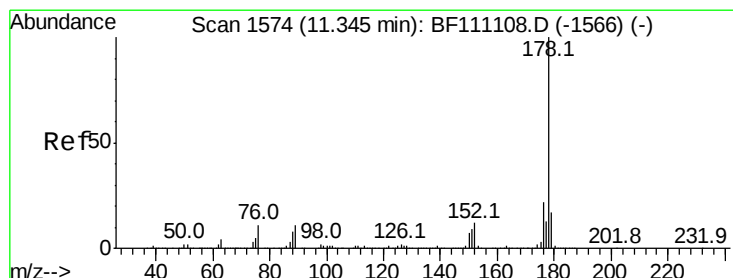
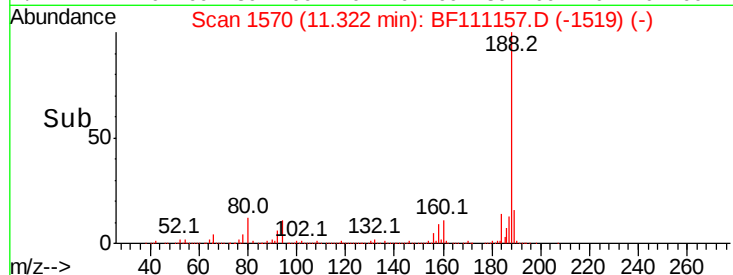
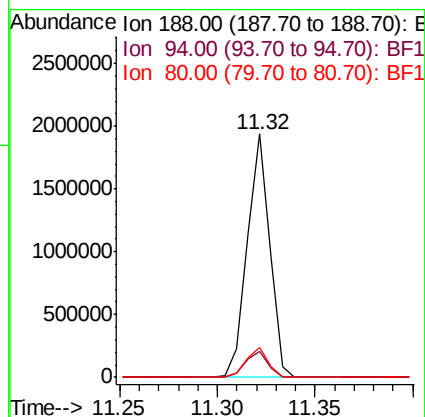
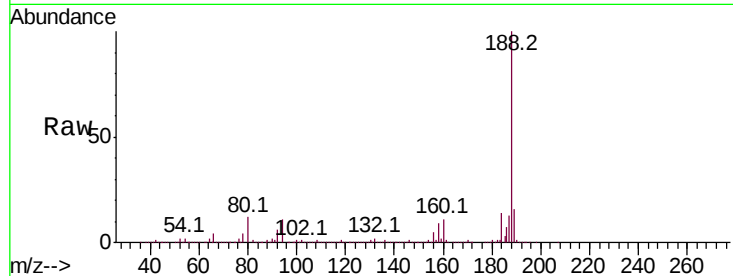
ClientSampleId :

HLSP-SB-4A-(0-2)

Tot Ion:188	Resp: 1544331
Ion Ratio	Lower Upper
188 100	
94 10.8	8.5 12.7
80 12.4	9.0 13.6

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#71

Phenanthrene

Concen: 2.142 ng m

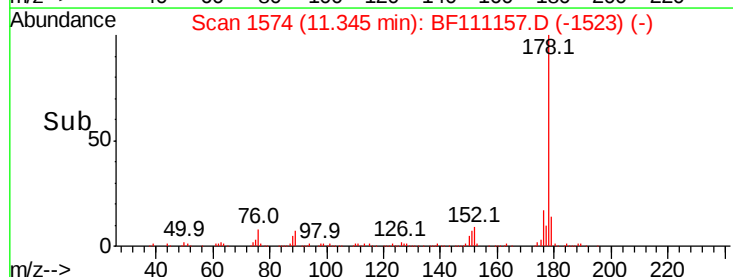
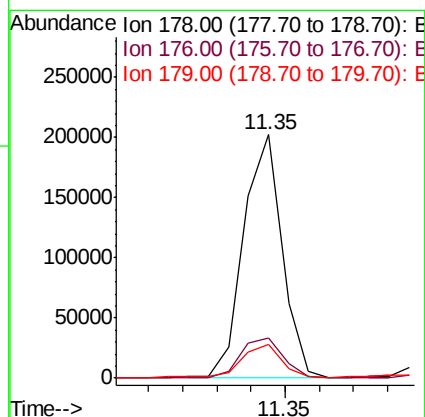
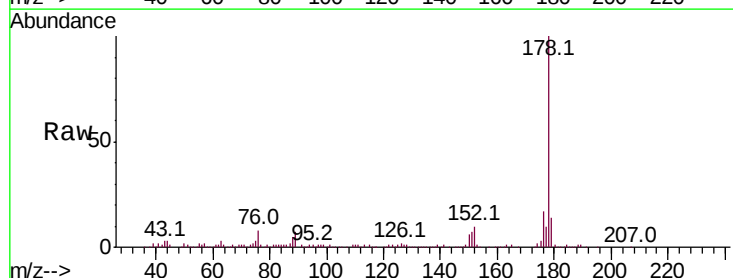
RT: 11.35 min Scan# 1574

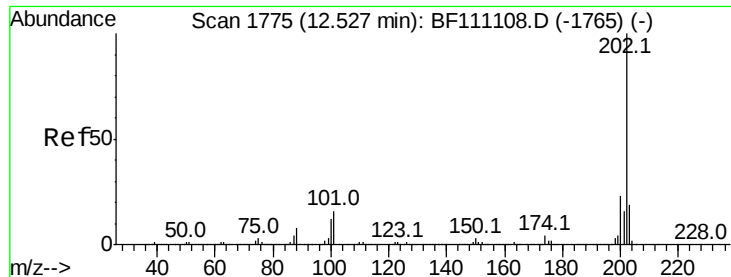
Delta R.T. 0.00 min

Lab File: BF111157.D

Acq: 7 Dec 2018 00:00

Tgt Ion	178	Resp: Lower	159153	Upper
	Ratio			
178	100			
176	16.6	17.7	26.5#	
179	13.7	14.0	21.0#	





#75

Fluoranthene

Concen: 3.510 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF111157.D

Acq: 7 Dec 2018 00:00

Instrument :

BNA_F

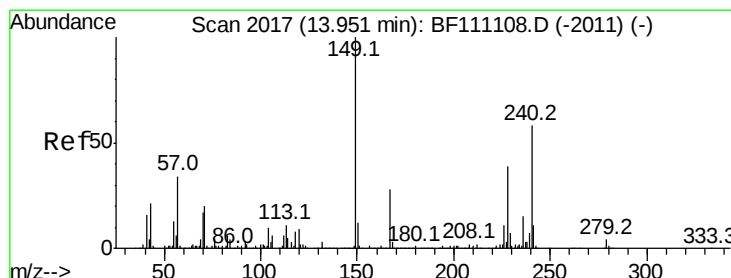
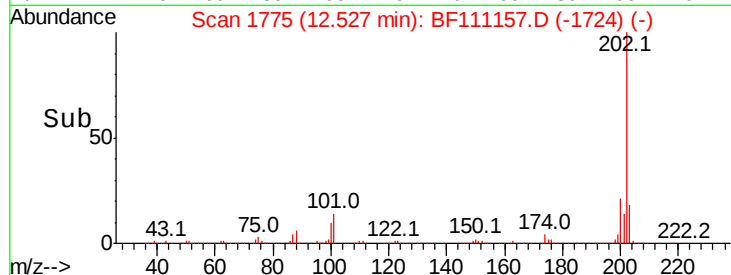
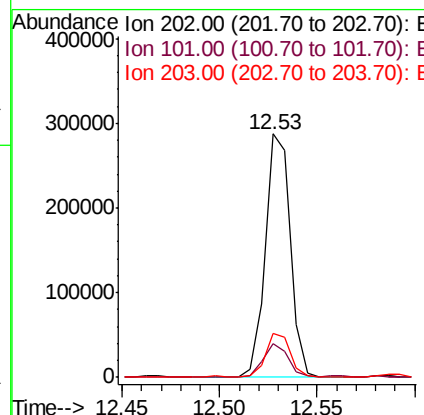
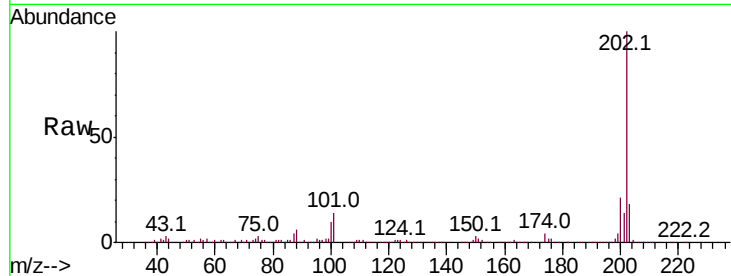
ClientSampleId :

HLSP-SB-4A-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
202	100	255129		
101	13.7	0.0	35.8	
203	18.2	0.0	38.6	

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#76

Chrysene-d12

Concen: 20.000 ng

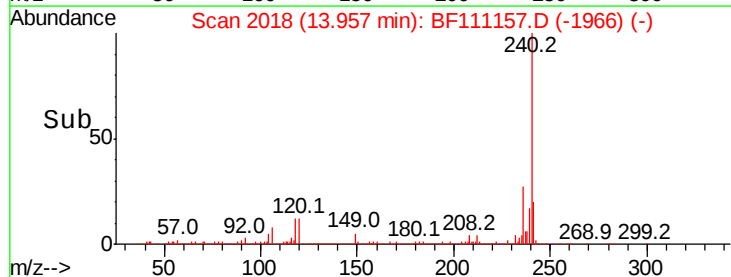
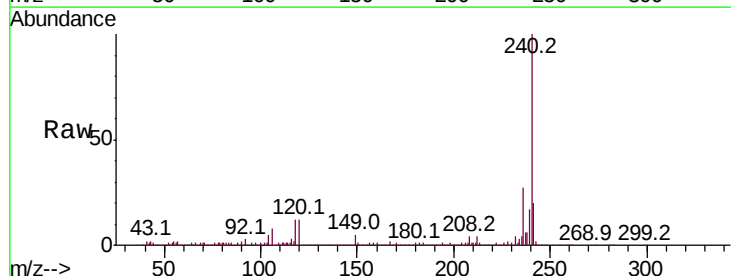
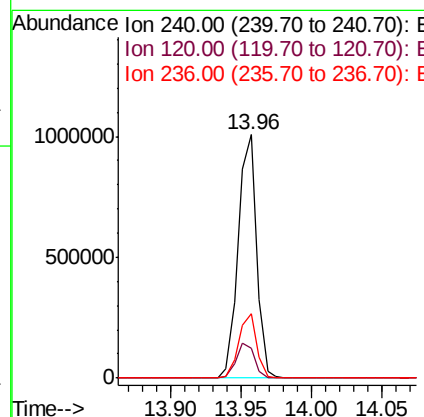
RT: 13.96 min Scan# 2018

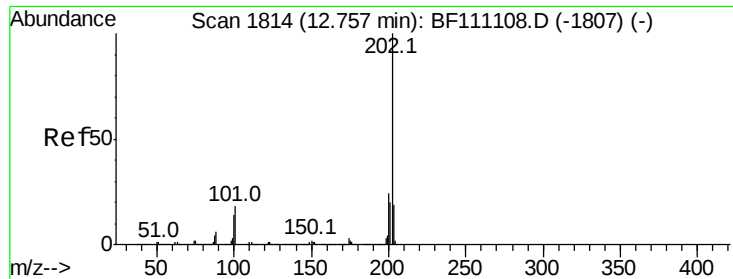
Delta R.T. 0.01 min

Lab File: BF111157.D

Acq: 7 Dec 2018 00:00

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	914378		
120	12.5	12.8	19.2#	
236	26.6	21.1	31.7	





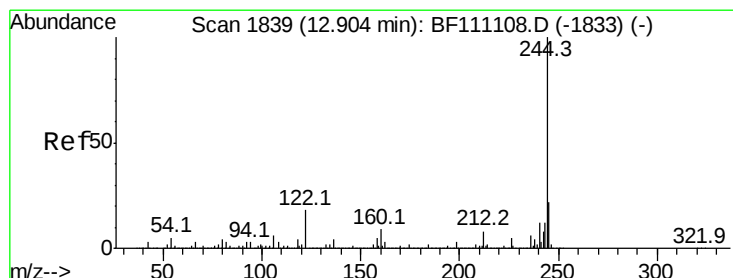
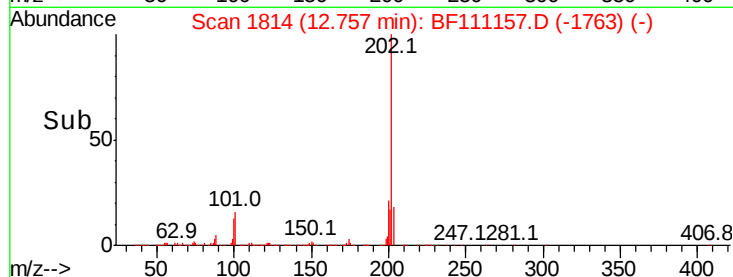
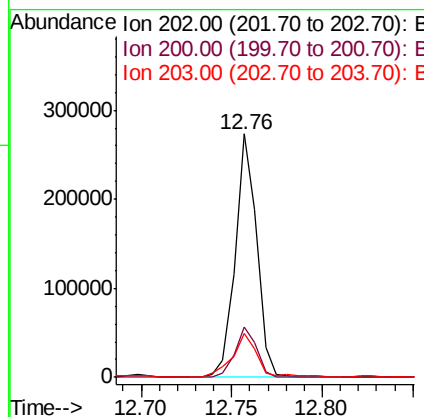
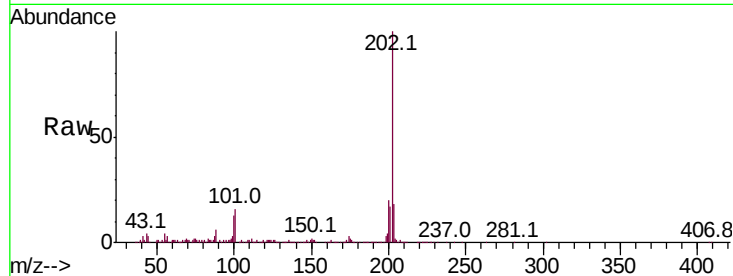
#78
Pvrene
Concen: 3.196 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.00 min
Lab File: BF111157.D
Acq: 7 Dec 2018 00:00

Instrument :
BNA_F
ClientSampleId :
HLSP-SB-4A-(0-2)

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.4	19.3	28.9
203	18.2	15.4	23.2

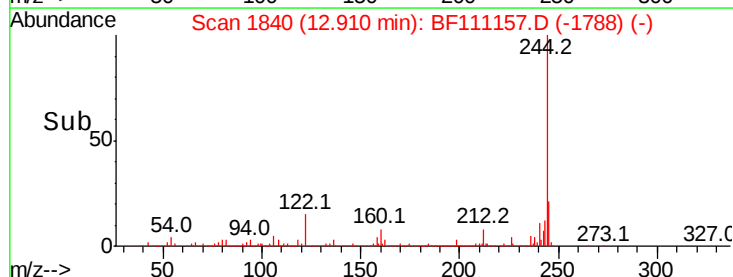
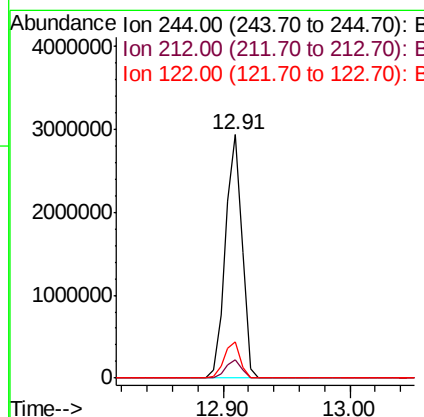
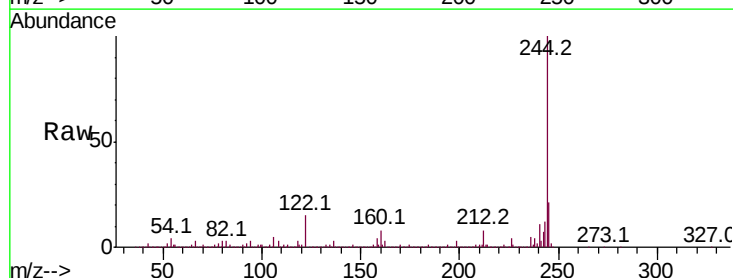
Manual Integrations
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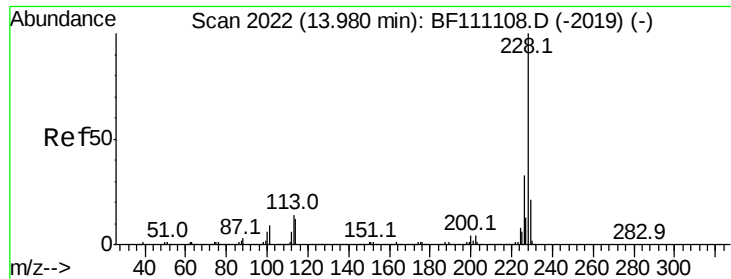
mohammad
12/10/2018 12:19:10 PM



#79
Terphenyl-d14
Concen: 59.990 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111157.D
Acq: 7 Dec 2018 00:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.6	9.8
122	14.8	14.2	21.2





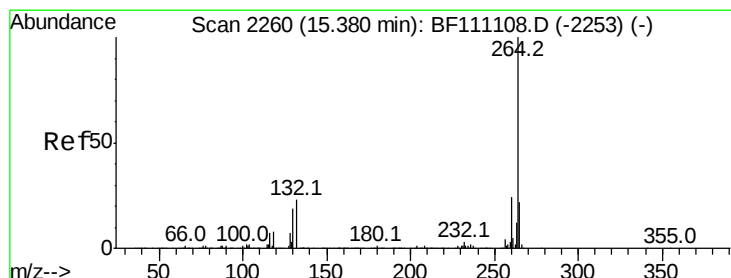
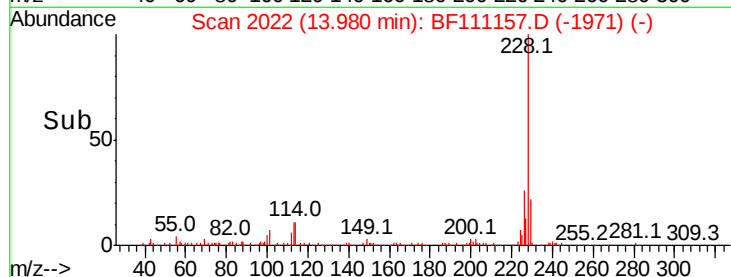
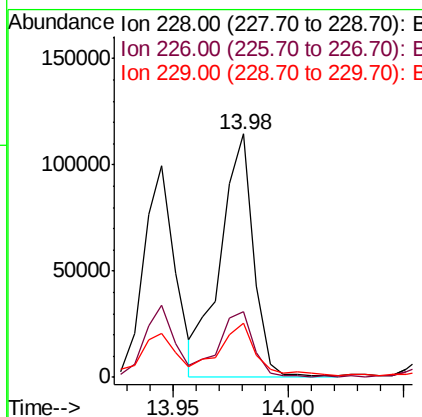
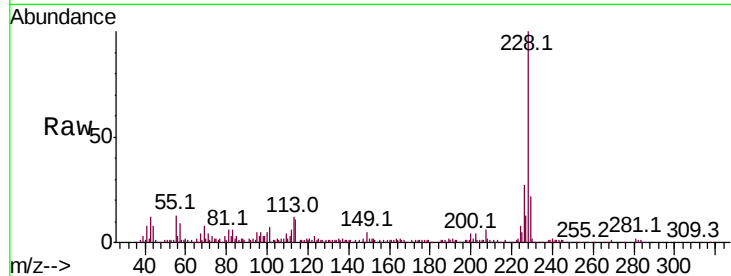
#83
Chrysene
Concen: 2.135 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF111157.D
Acq: 7 Dec 2018 00:00

Instrument :
BNA_F
ClientSampleId :
HLSP-SB-4A-(0-2)

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.8	26.2	39.2
229	22.4	16.9	25.3

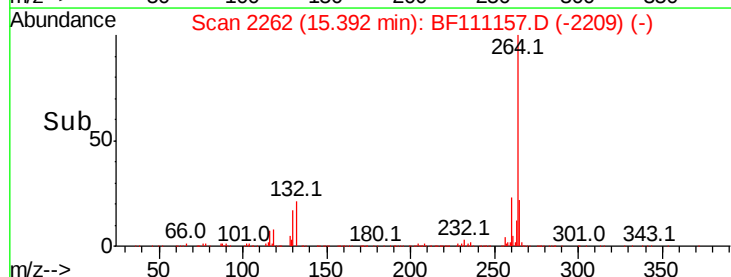
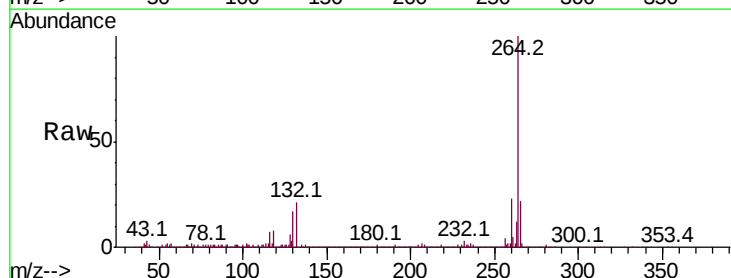
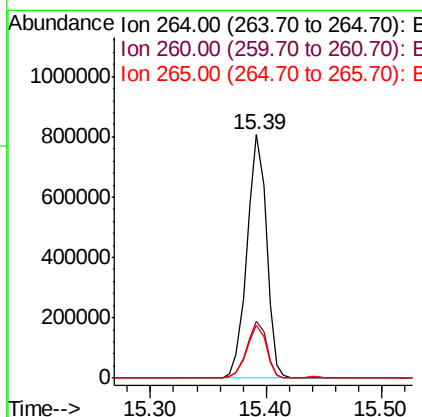
Manual Integrations
APPROVED

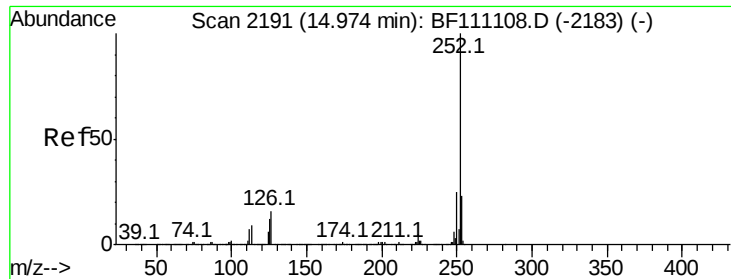
mohammad
12/10/2018 12:19:10 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111157.D
Acq: 7 Dec 2018 00:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.0
265	21.8	17.4	26.0





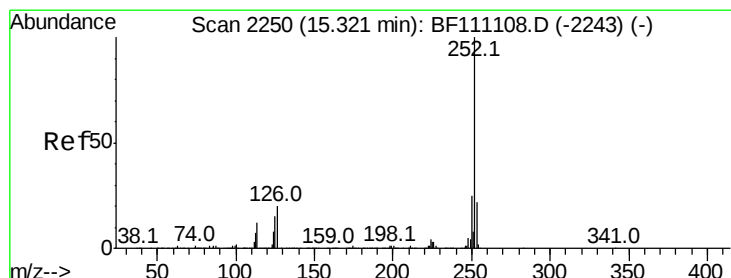
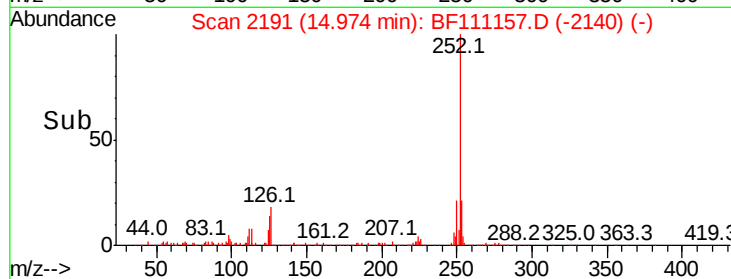
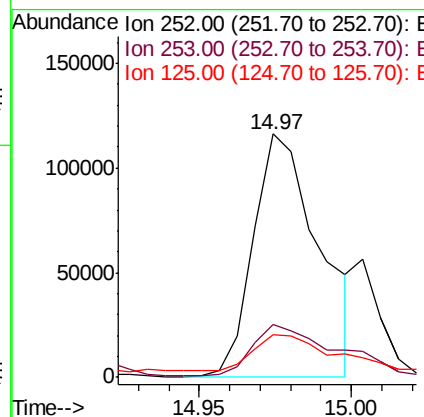
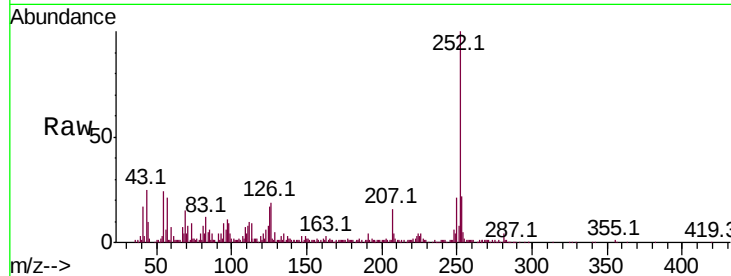
#88
Benzo(b)fluoranthene
Concen: 3.251 ng m
RT: 14.97 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BF111157.D
Acq: 7 Dec 2018 00:00

Instrument :
BNA_F
ClientSampleId :
HLSP-SB-4A-(0-2)

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.5	27.7
125	17.4	9.9	14.9

Manual Integrations
APPROVED

mohammad
12/10/2018 12:19:10 PM



#90
Benzo(a)pyrene
Concen: 2.033 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF111157.D
Acq: 7 Dec 2018 00:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	16.1	12.4	18.6

