

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
 Data File : BF120082.D
 Acq On : 20 Apr 2020 17:18
 Operator : MA/SJ
 Sample : L2314-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-3-1

Manual Integrations
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Quant Time: Apr 20 17:54:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 14:10:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	160222	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	610494	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	297879	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	523226	20.00	ng	-0.01
76) Chrysene-d12	13.88	240	346794	20.00	ng	-0.02
87) Perylene-d12	15.31	264	319327	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	896192	96.66	ng	0.00
7) Phenol-d6	6.36	99	1195130	100.04	ng	0.00
23) Nitrobenzene-d5	7.28	82	797911	67.62	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	299854	82.22	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1507855	71.87	ng	0.00
79) Terphenyl-d14	12.83	244	1443191	70.02	ng	-0.01
Target Compounds						
31) Naphthalene	8.02	128	66803	2.080	ng	97
50) Dimethylphthalate	9.47	163	245408	10.651	ng	98
78) Pyrene	12.68	202	59826	2.046	ng	98
88) Benzo(b)fluoranthene	14.90	252	50099m	2.181	ng	

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

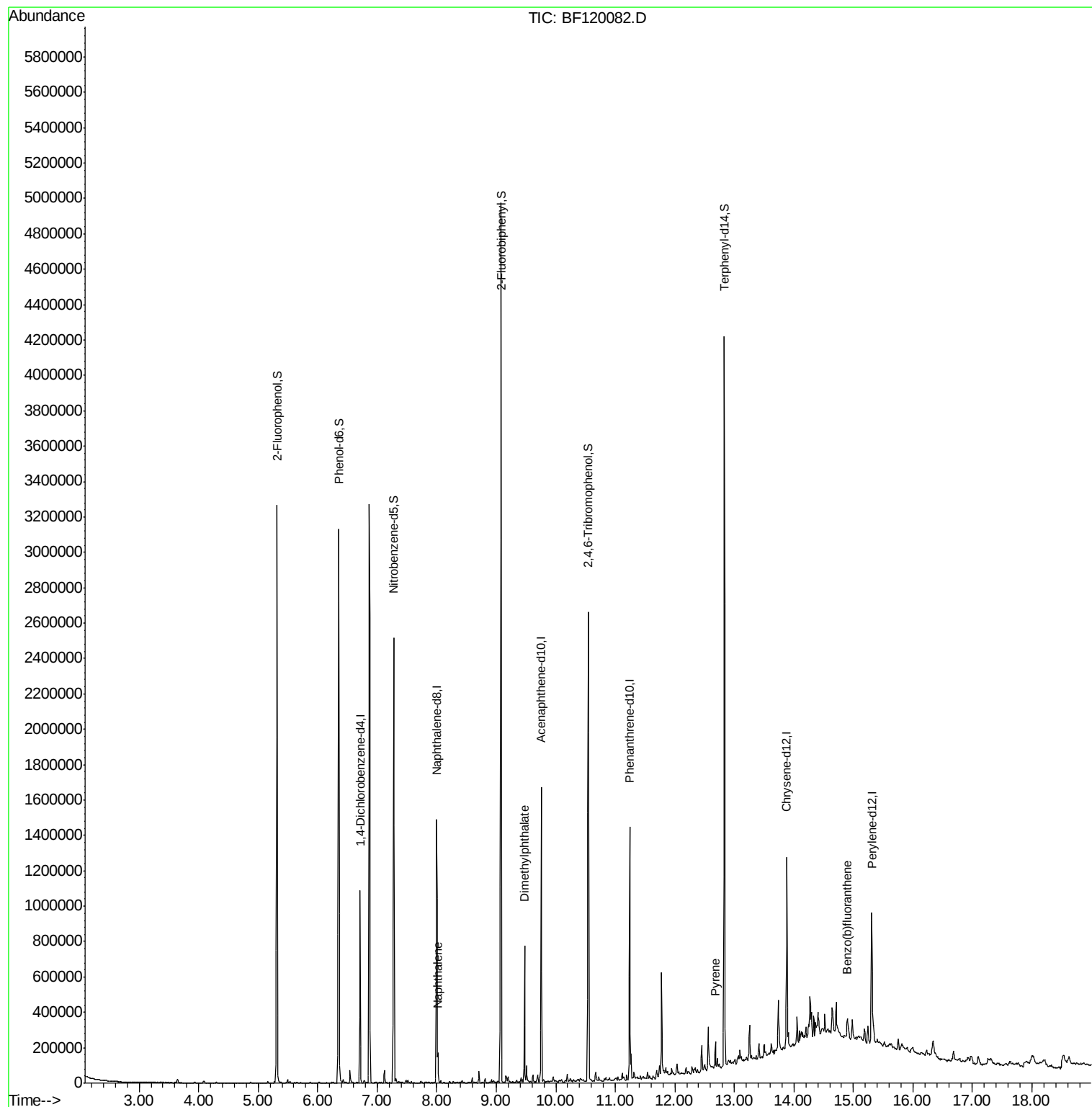
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120082.D
Acq On : 20 Apr 2020 17:18
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ALS Vial : 11 Sample Multiplier: 1

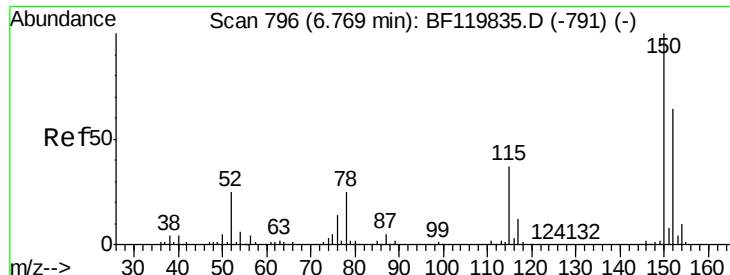
Instrument :
BNA_F
ClientSampleId :
WB-3-1

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Quant Time: Apr 20 17:54:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 20 14:10:57 2020
Response via : Initial Calibration





#1

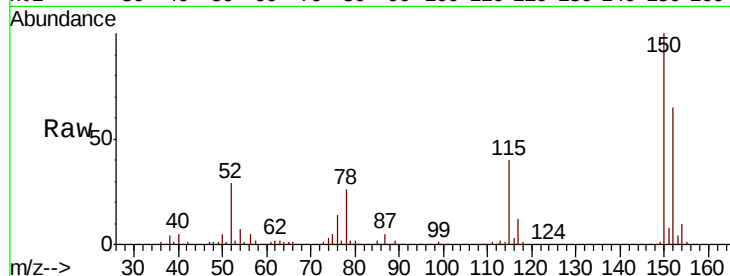
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF120082.D
Acq: 20 Apr 2020 17:18

Instrument :
BNA_F
ClientSampled :
WB-3-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.8	187.2
115	61.8	46.5	69.7

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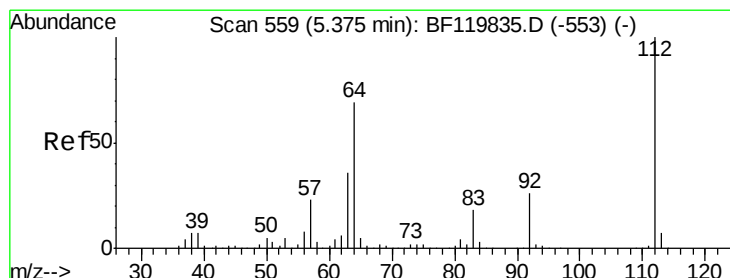
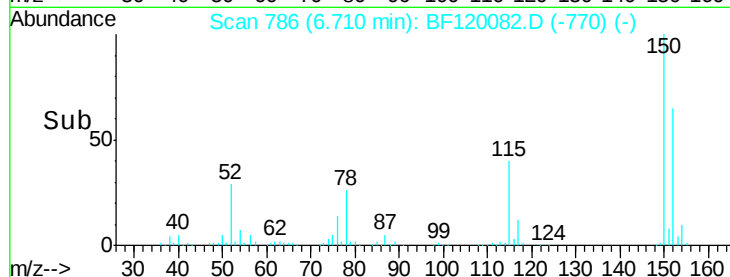
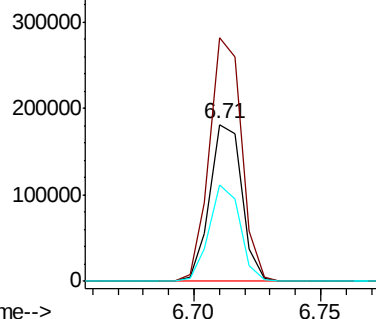


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

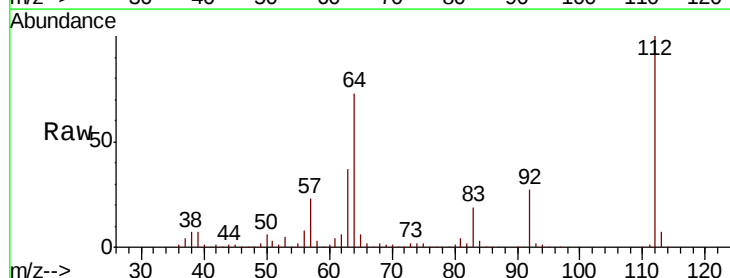
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 96.665 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF120082.D
Acq: 20 Apr 2020 17:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.7	55.5	83.3
63	36.8	29.1	43.7

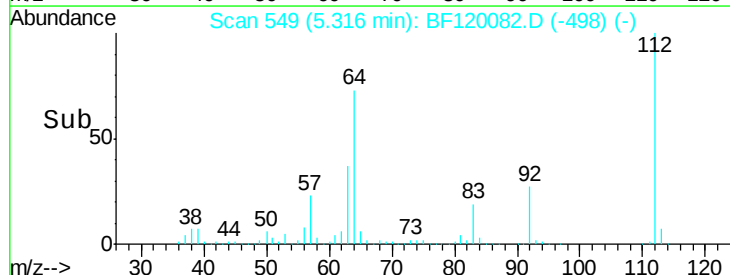
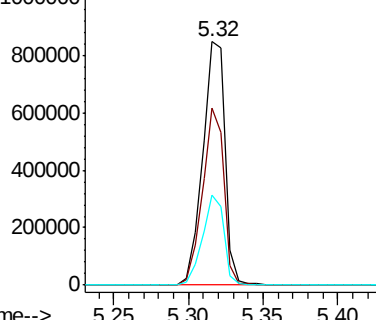


Abundance

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: 100.042 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF120082.D

Acq: 20 Apr 2020 17:18

Instrument :

BNA_F

ClientSampled :

WB-3-1

Tot Ion: 99 Resp: 1195130

Ion Ratio Lower Upper

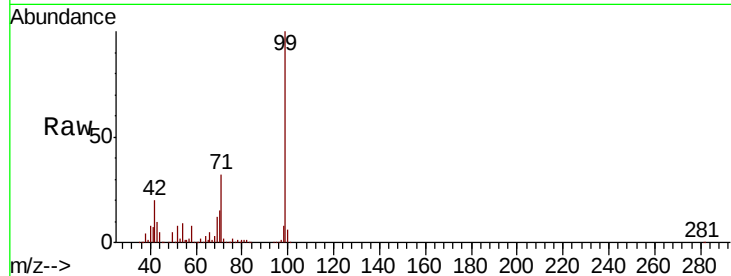
99 100

42 20.1 16.9 25.3

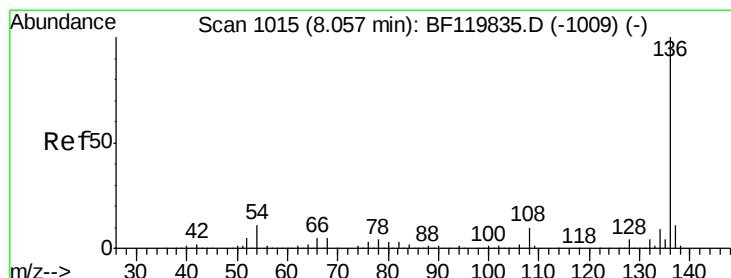
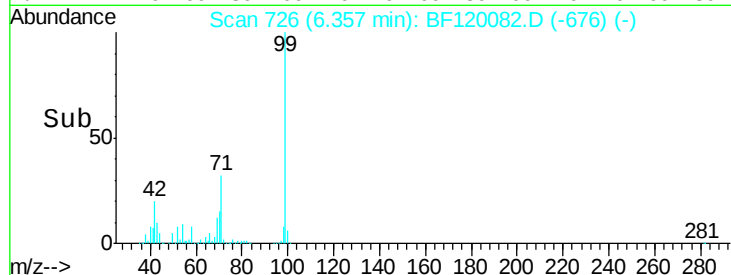
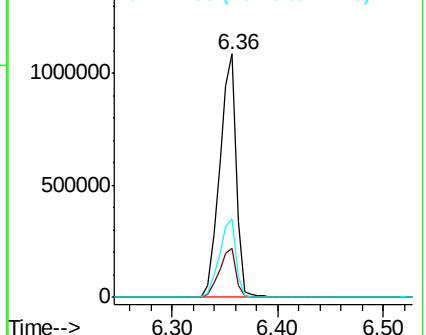
71 32.4 26.3 39.5

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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: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF120082.D

Acq: 20 Apr 2020 17:18

Tgt Ion: 136 Resp: 610494

Ion Ratio Lower Upper

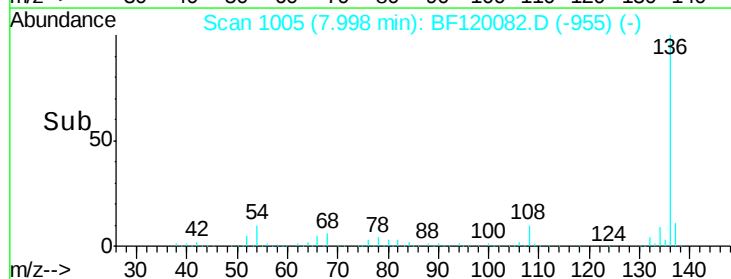
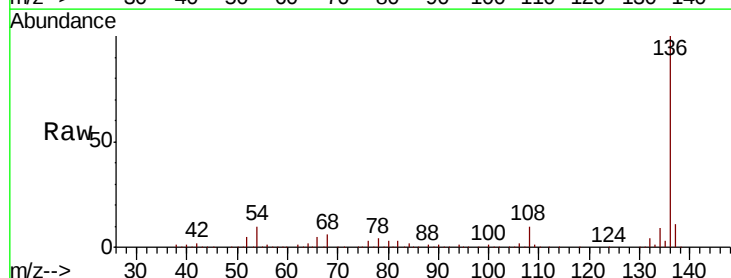
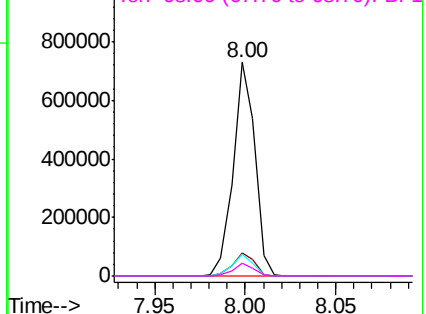
136 100

137 11.0 8.7 13.1

54 10.4 8.5 12.7

68 5.8 3.9 5.9

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





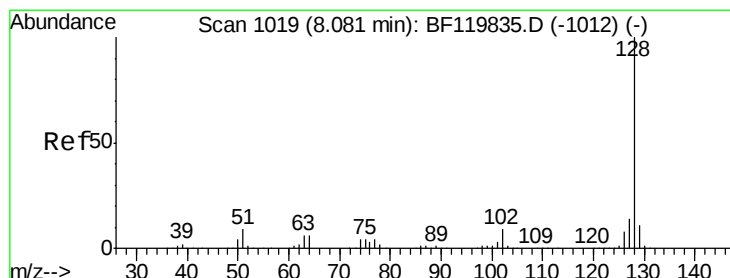
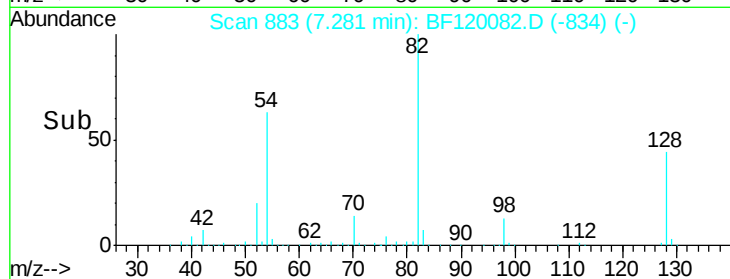
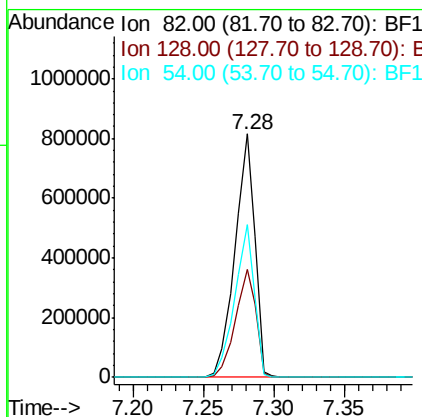
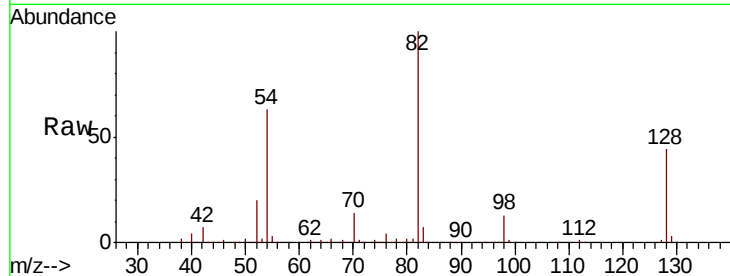
#23
 Nitrobenzene-d5
 Concen: 67.615 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF120082.D
 Acq: 20 Apr 2020 17:18

Instrument :
 BNA_F
 ClientSampleId :
 WB-3-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.2	54.4
54	62.8	50.4	75.6

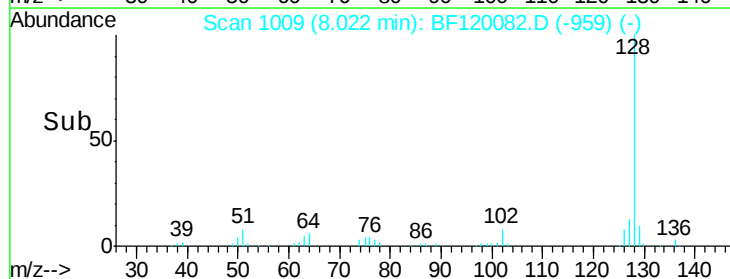
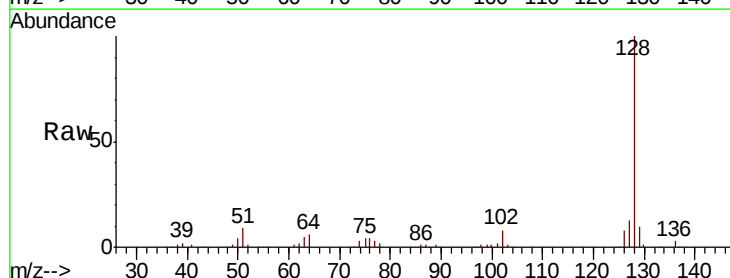
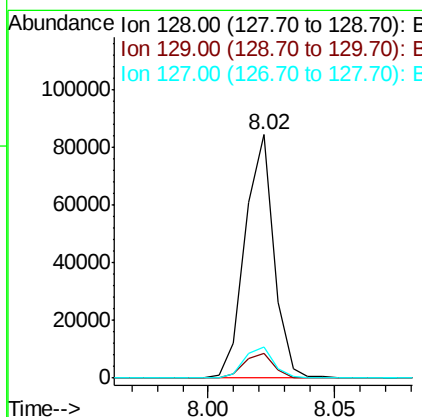
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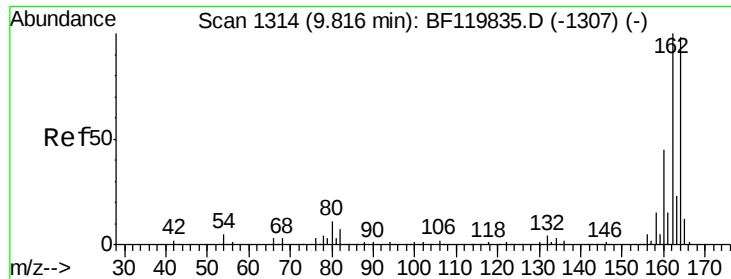
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#31
 Naphthalene
 Concen: 2.080 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF120082.D
 Acq: 20 Apr 2020 17:18

Tgt Ion	Ratio	Lower	Upper
128	100		
129	9.9	9.0	13.6
127	12.8	11.0	16.4





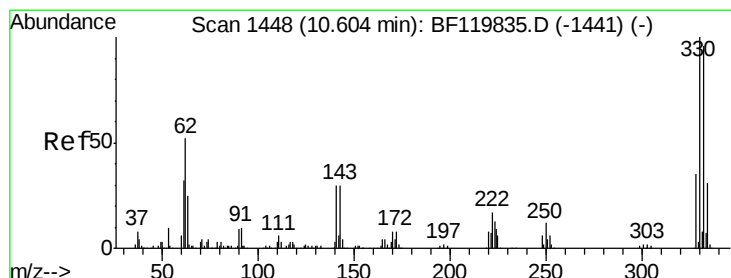
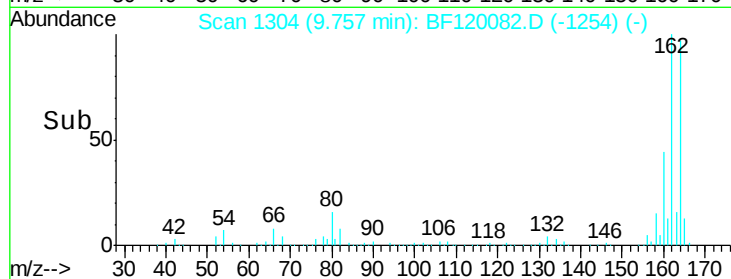
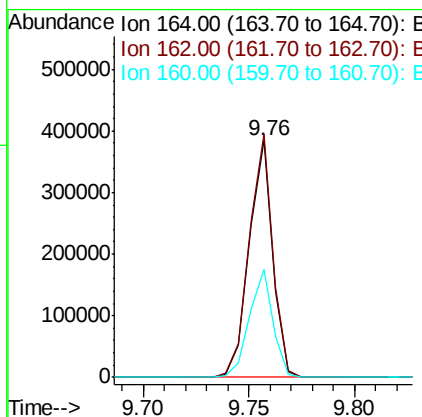
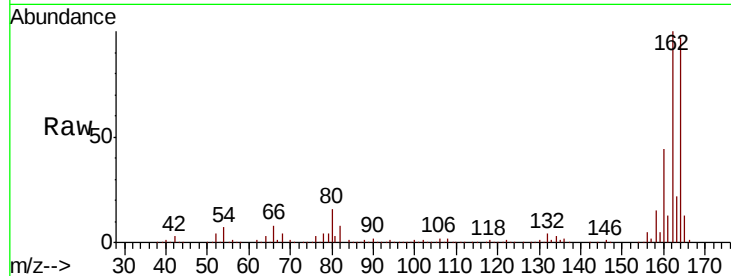
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF120082.D
 Acq: 20 Apr 2020 17:18

Instrument :
 BNA_F
 ClientSampled :
 WB-3-1

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.8	81.9	122.9	
160	45.6	36.6	54.8	

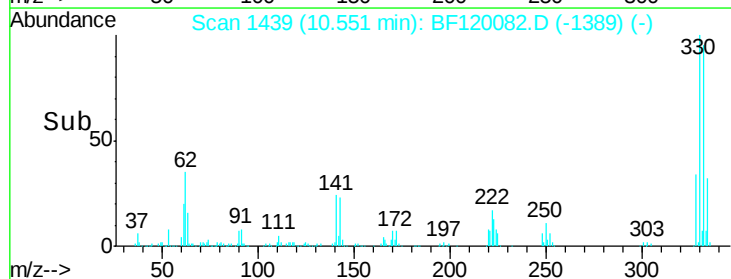
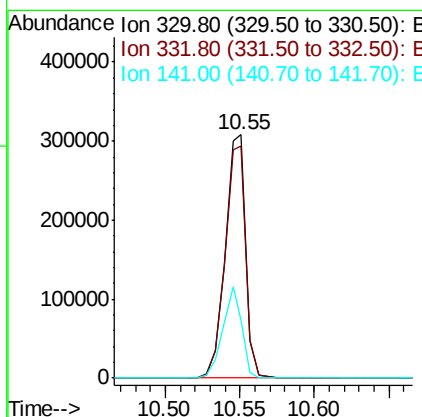
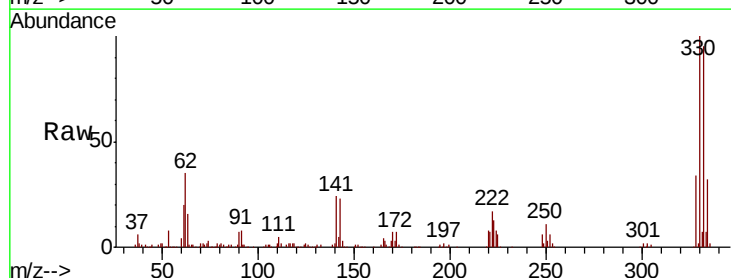
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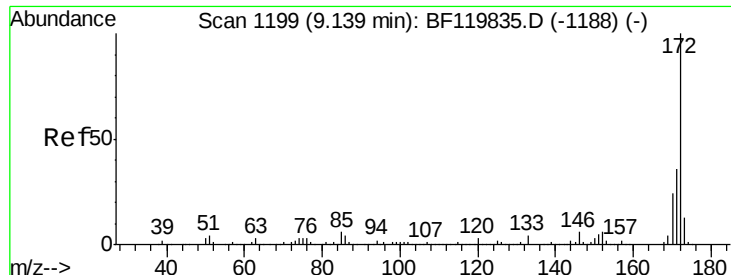
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#42
 2,4,6-Tribromophenol
 Concen: 82.218 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF120082.D
 Acq: 20 Apr 2020 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	76.8	115.2	
141	34.9	25.1	37.7	





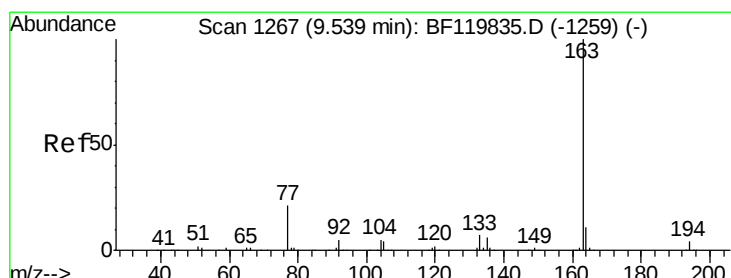
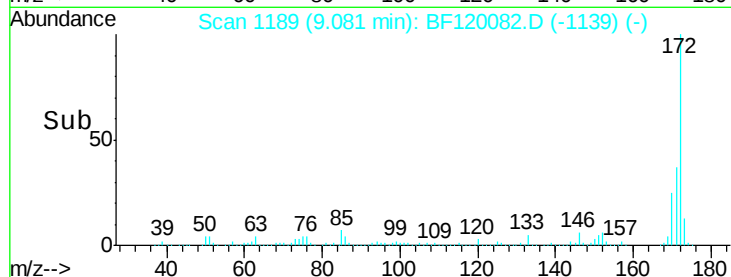
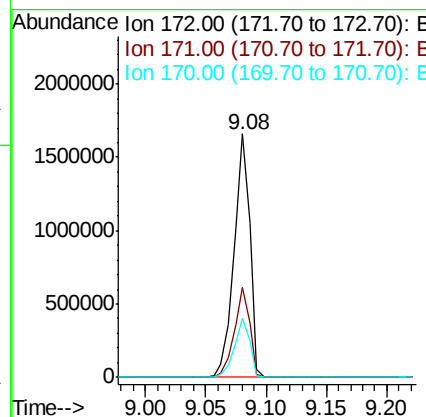
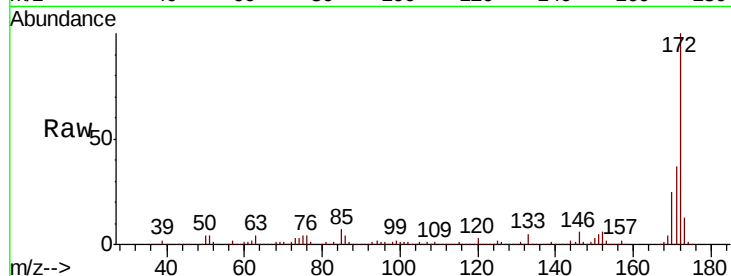
#45
2-Fluorobiphenyl
Concen: 71.869 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF120082.D
Acq: 20 Apr 2020 17:18

Instrument :
BNA_F
ClientSampleId :
WB-3-1

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	24.5	19.4	29.2

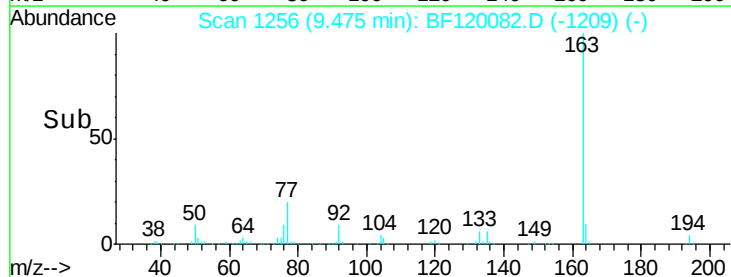
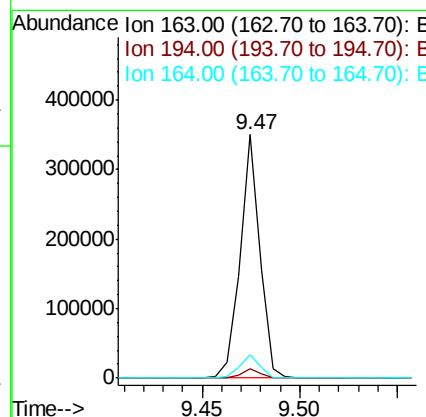
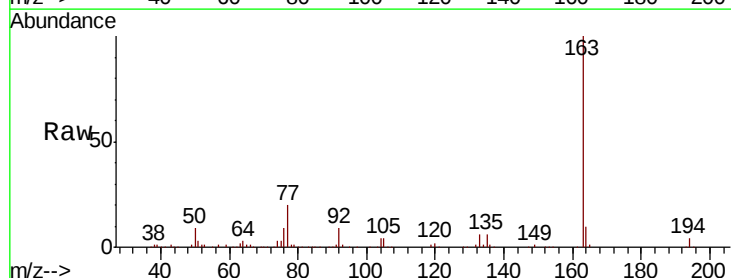
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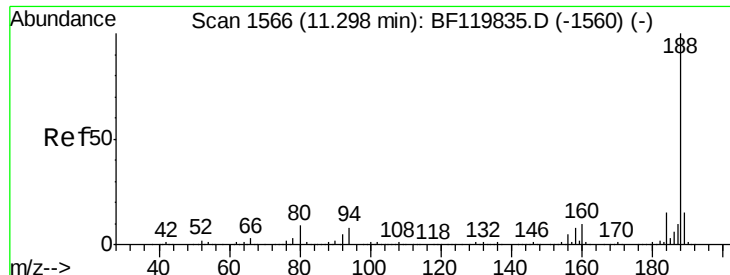
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#50
Dimethylphthalate
Concen: 10.651 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF120082.D
Acq: 20 Apr 2020 17:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	9.7	8.4	12.6





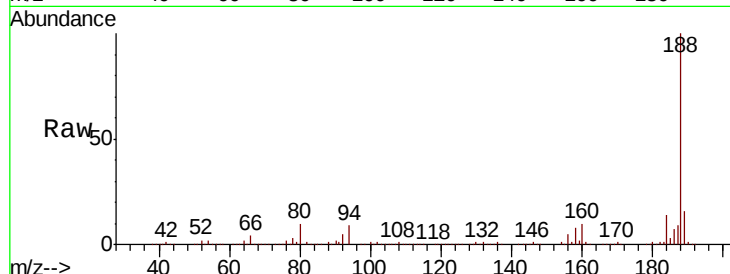
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF120082.D
Acq: 20 Apr 2020 17:18

Instrument :
BNA_F
ClientSampleId :
WB-3-1

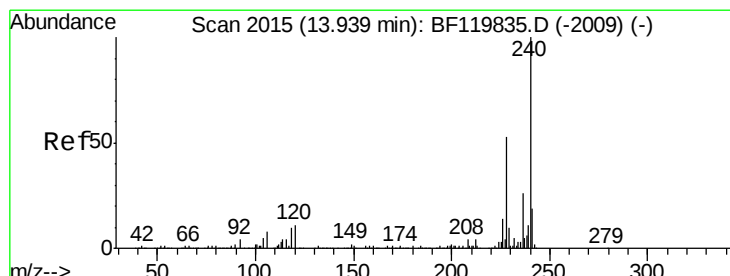
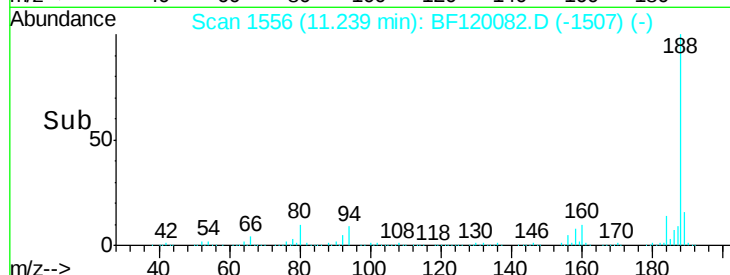
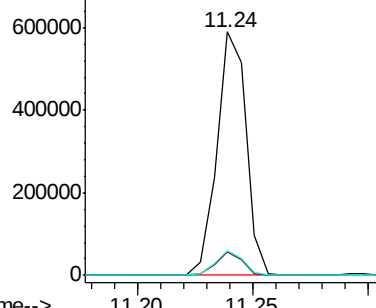
Tot Ion	Ratio	Resp	Lower	Upper
188	100	523226		
94	9.5		6.7	10.1
80	10.3		7.4	11.2

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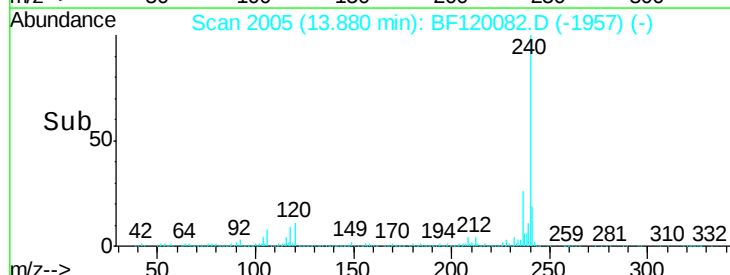
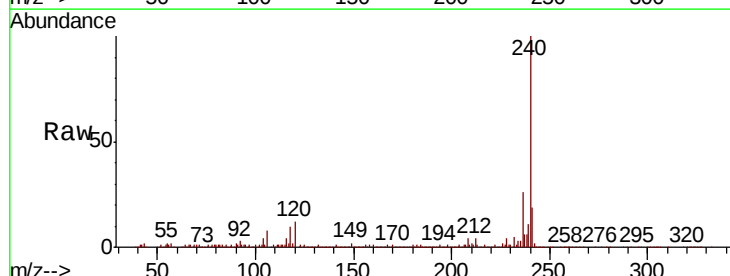
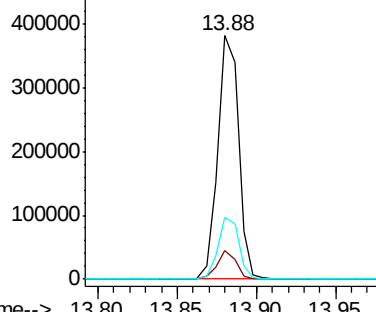
Abundance Ion 188.00 (187.70 to 188.70): E
800000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

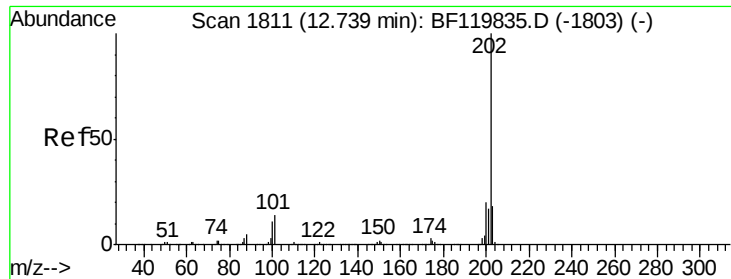


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF120082.D
Acq: 20 Apr 2020 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	346794		
120	11.5		9.0	13.6
236	25.6		20.7	31.1

Abundance Ion 240.00 (239.70 to 240.70): E
500000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





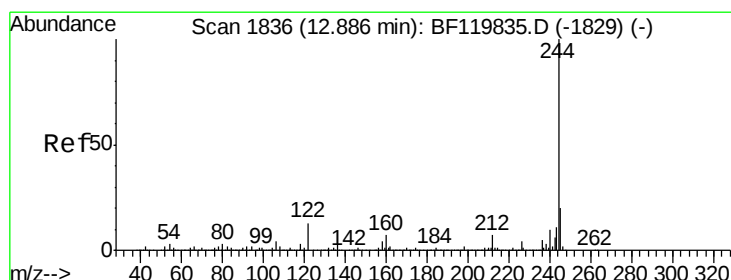
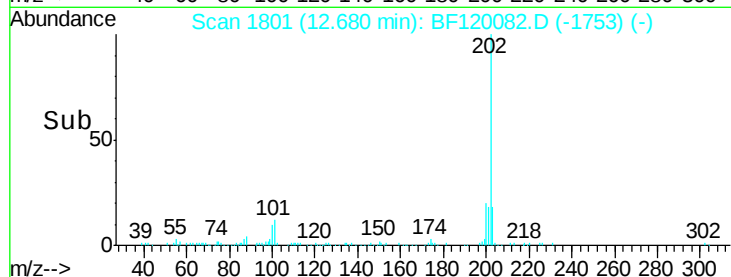
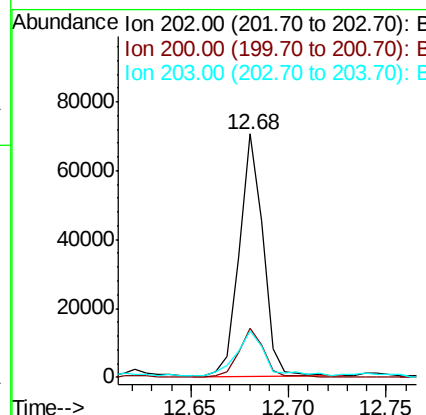
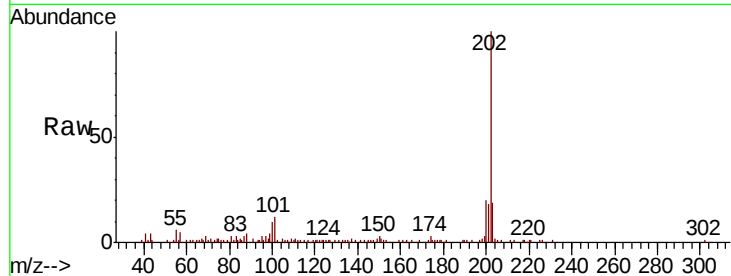
#78
Pvrene
Concen: 2.046 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.02 min
Lab File: BF120082.D
Acq: 20 Apr 2020 17:18

Instrument :
BNA_F
ClientSampleId :
WB-3-1

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.2	24.2
203	19.0	14.1	21.1

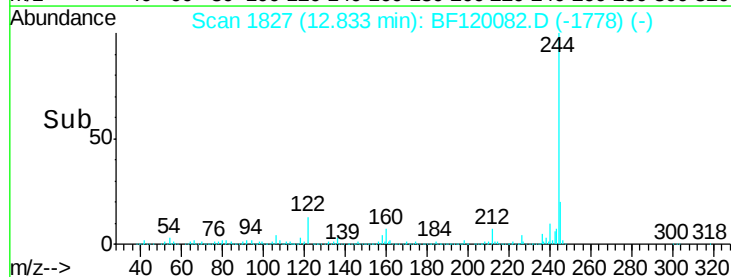
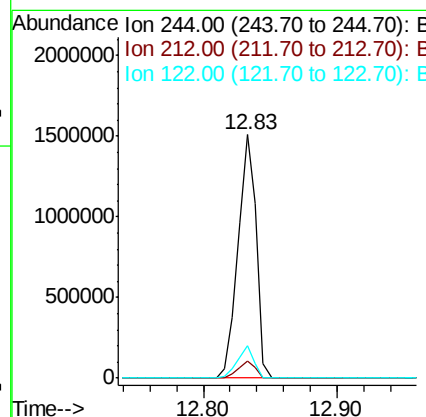
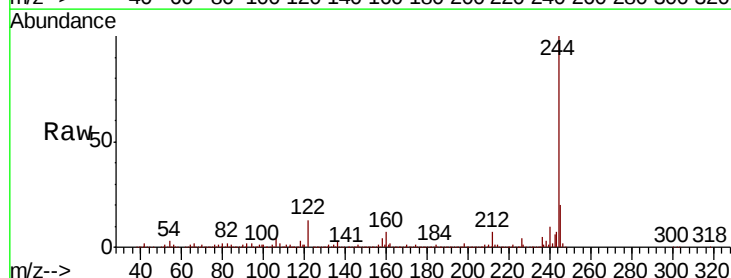
Manual Integrations
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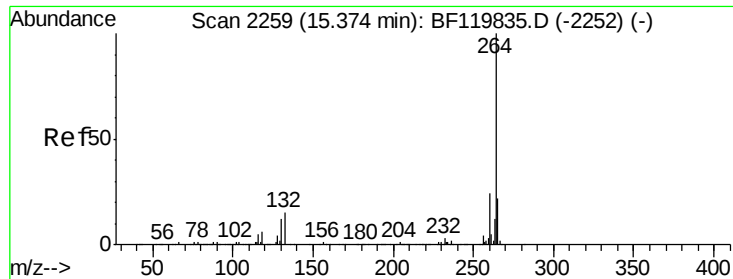
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#79
Terphenyl-d14
Concen: 70.024 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF120082.D
Acq: 20 Apr 2020 17:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.5	10.3	15.5





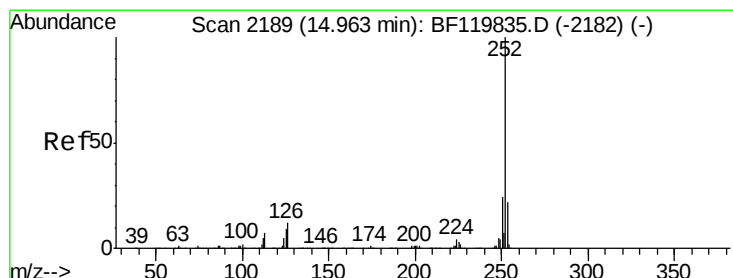
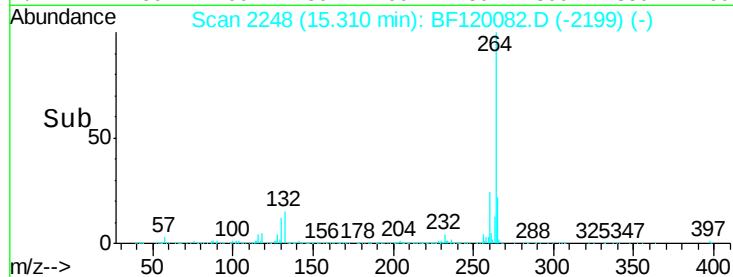
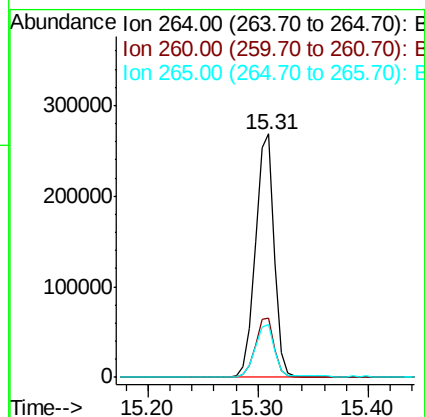
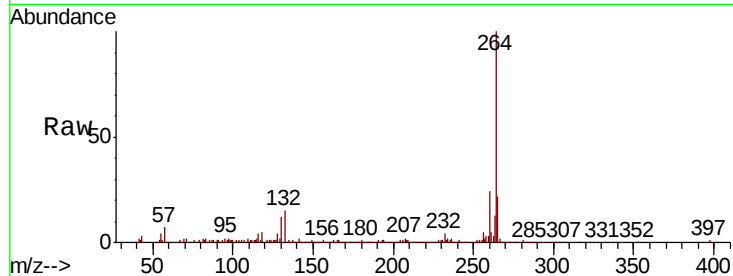
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BF120082.D
Acq: 20 Apr 2020 17:18

Instrument :
BNA_F
ClientSampleId :
WB-3-1

Tot Ion:	264	Resp:	319327
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.3	28.9
265	21.8	17.6	26.4

Manual Integrations
APPROVED

mohammad
4/21/2020 2:54:51 PM



#88
Benzo(b)fluoranthene
Concen: 2.181 ng m
RT: 14.90 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BF120082.D
Acq: 20 Apr 2020 17:18

Tgt Ion:	252	Resp:	50099
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.7	26.5
125	14.3	7.4	11.2#

