

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
 Data File : BF119907.D
 Acq On : 10 Apr 2020 20:54
 Operator : MA/SJ
 Sample : L2205-17
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-04082020-C

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Quant Time: Apr 11 02:55:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 13:48:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	191473	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	698694	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	312693	20.00	ng	0.00
64) Phenanthrene-d10	11.28	188	499593	20.00	ng	0.00
76) Chrysene-d12	13.92	240	378327	20.00	ng	0.00
87) Perylene-d12	15.36	264	329755	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	822877	74.27	ng	0.00
7) Phenol-d6	6.39	99	1029206	72.09	ng	0.00
23) Nitrobenzene-d5	7.32	82	620943	45.98	ng	0.00
42) 2,4,6-Tribromophenol	10.58	330	215771	56.36	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1104504	50.15	ng	0.00
79) Terphenyl-d14	12.87	244	934568	41.57	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.51	163	142309	5.884	ng	99
75) Fluoranthene	12.49	202	74835	2.608	ng	99
78) Pyrene	12.72	202	84853	2.660	ng	98
88) Benzo(b)fluoranthene	14.94	252	55577m	2.343	ng	

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

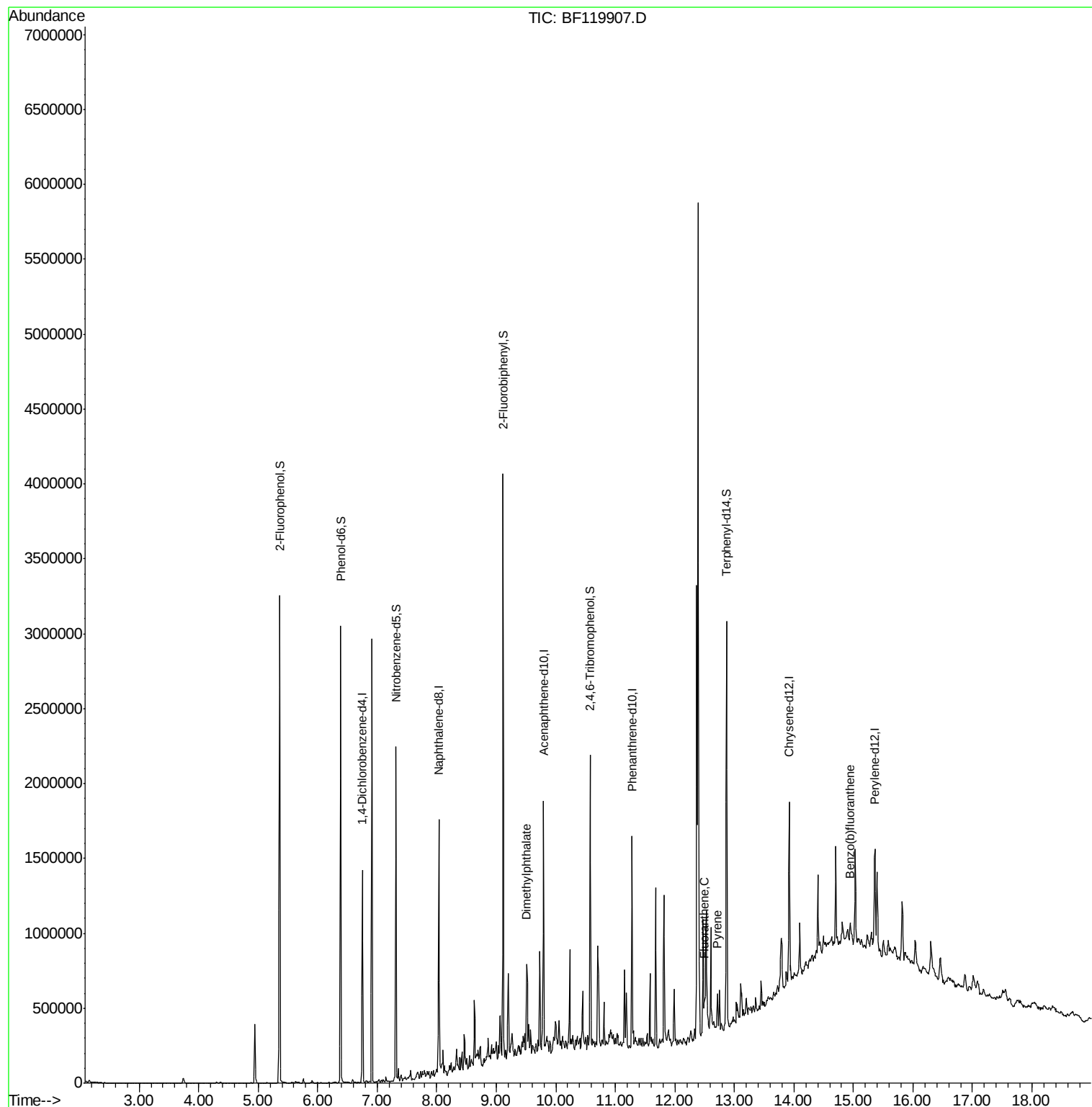
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119907.D
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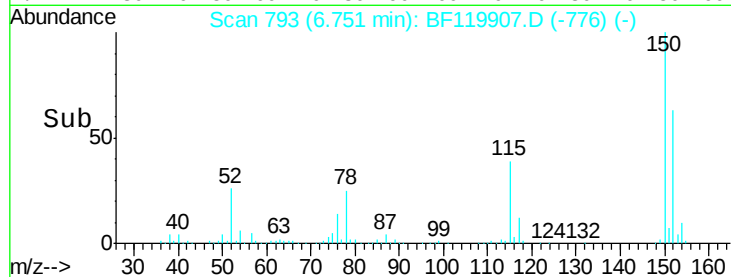
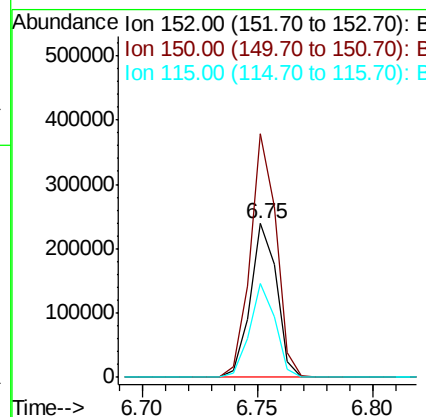
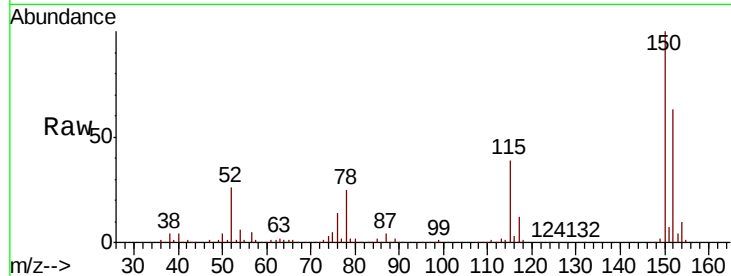
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF119907.D
 Acq: 10 Apr 2020 20:54

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.8	187.2
115	61.4	46.5	69.7

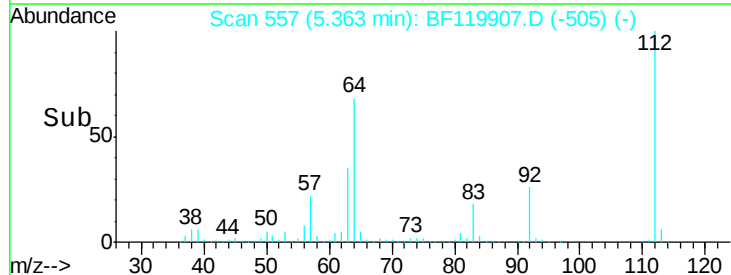
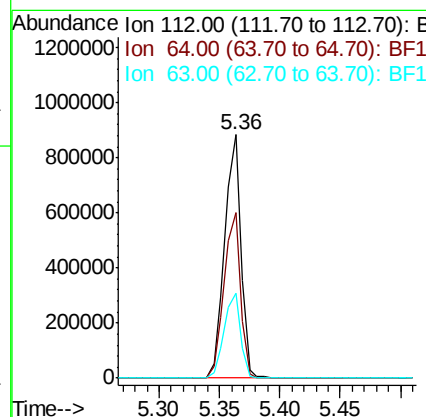
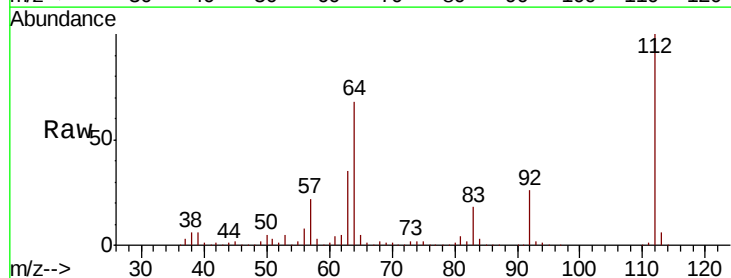
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#5
 2-Fluorophenol
 Concen: 74.271 ng
 RT: 5.36 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: BF119907.D
 Acq: 10 Apr 2020 20:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	55.5	83.3
63	34.7	29.1	43.7





#7

Phenol-d6

Concen: 72.091 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF119907.D

Acq: 10 Apr 2020 20:54

Instrument :

BNA_F

ClientSampleId :

JC-02-04082020-C

Tot Ion: 99 Resp: 1029206

Ion Ratio Lower Upper

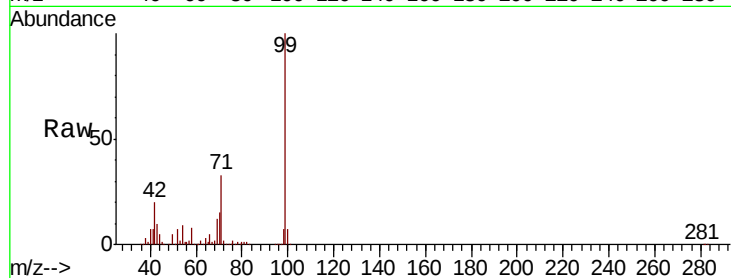
99 100

42 20.3 16.9 25.3

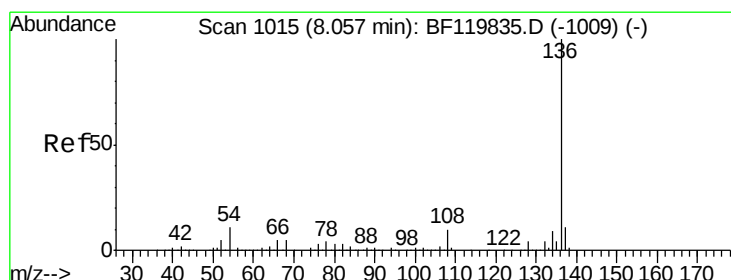
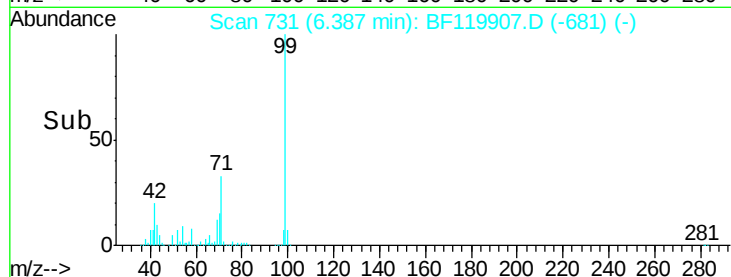
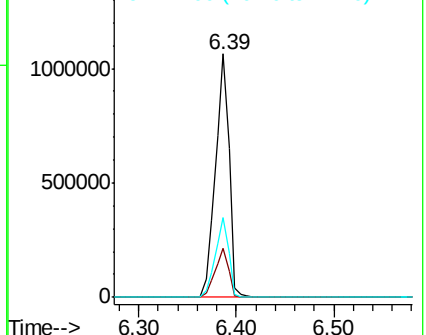
71 33.0 26.3 39.5

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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: 8.04 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BF119907.D

Acq: 10 Apr 2020 20:54

Tgt Ion: 136 Resp: 698694

Ion Ratio Lower Upper

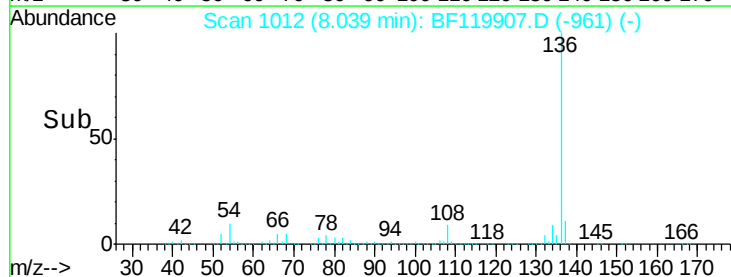
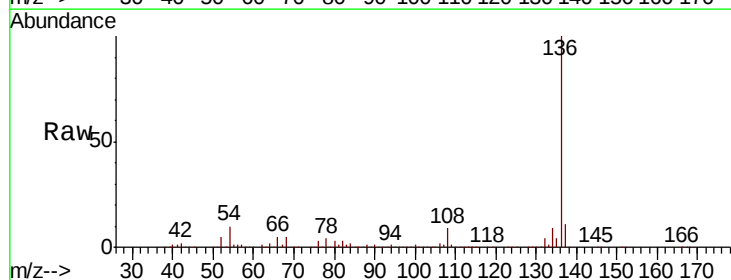
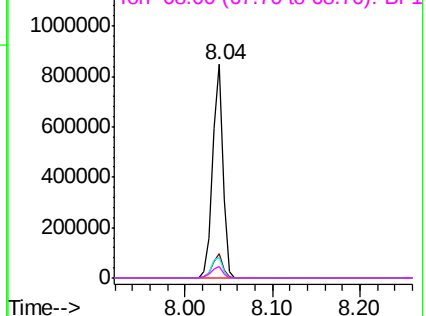
136 100

137 11.2 8.7 13.1

54 9.8 8.5 12.7

68 5.3 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





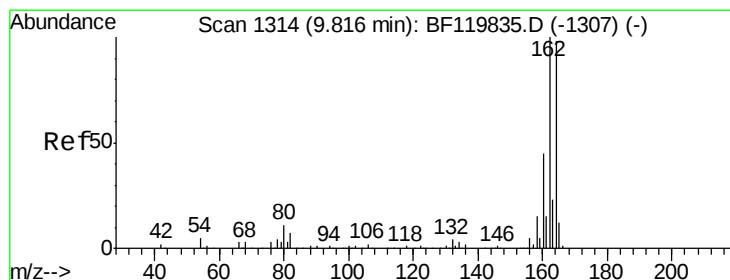
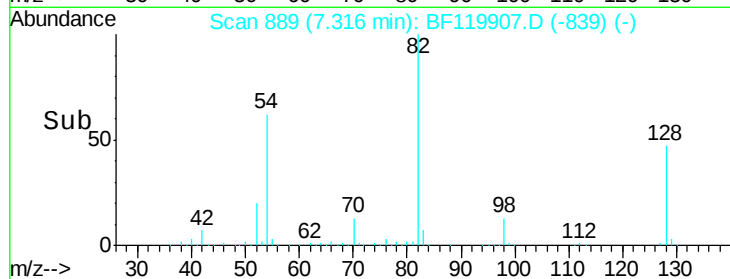
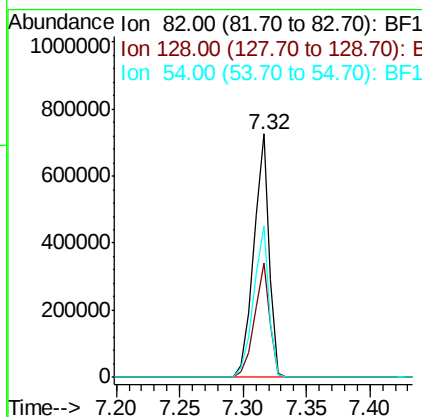
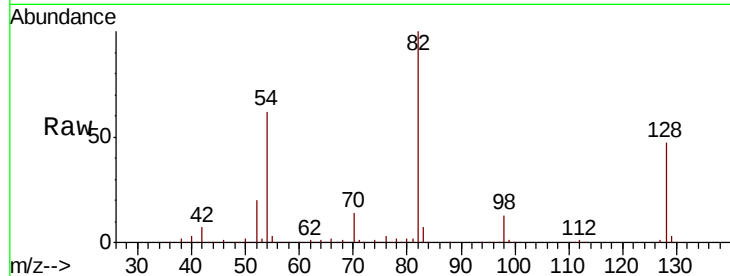
#23
Nitrobenzene-d5
Concen: 45.977 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF119907.D
Acq: 10 Apr 2020 20:54

Instrument :
BNA_F
ClientSampleId :
JC-02-04082020-C

Tot Ion	82	Resp	620943
Ion Ratio	Lower	Upper	
82	100		
128	46.9	36.2	54.4
54	62.2	50.4	75.6

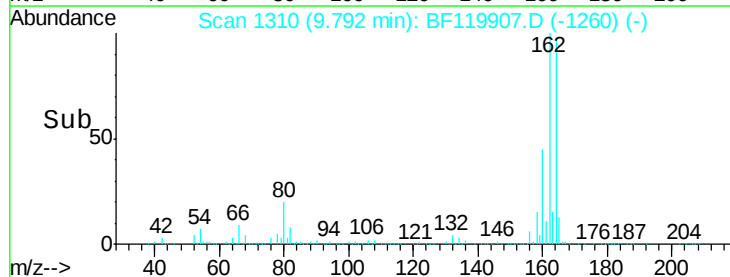
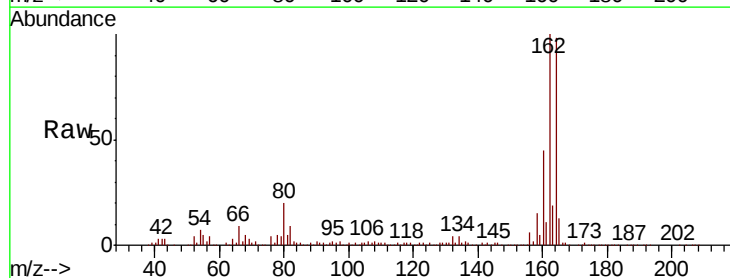
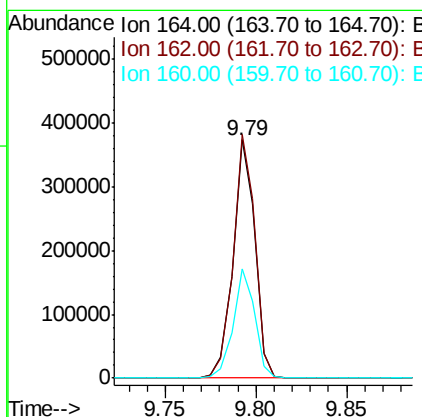
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF119907.D
Acq: 10 Apr 2020 20:54

Tgt Ion	164	Resp	312693
Ion Ratio	Lower	Upper	
164	100		
162	102.1	81.9	122.9
160	45.6	36.6	54.8





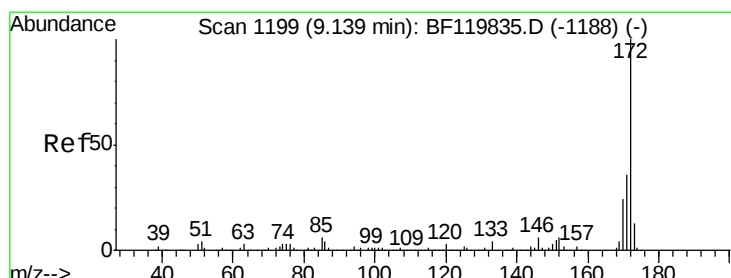
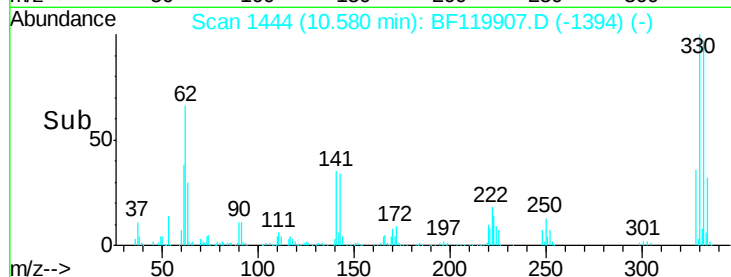
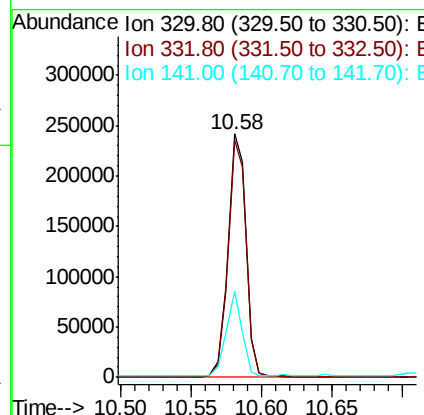
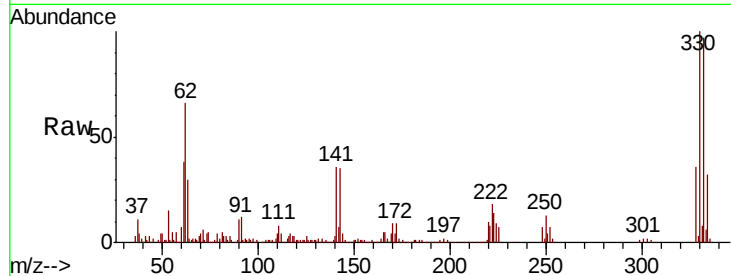
#42
 2,4,6-Tribromophenol
 Concen: 56.360 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF119907.D
 Acq: 10 Apr 2020 20:54

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-04082020-C

Tot Ion	Ratio	Resp	Lower	Upper
330	100	215771		
332	96.7	76.8	115.2	
141	30.1	25.1	37.7	

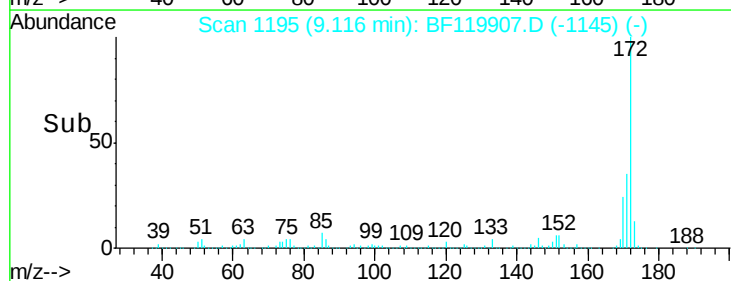
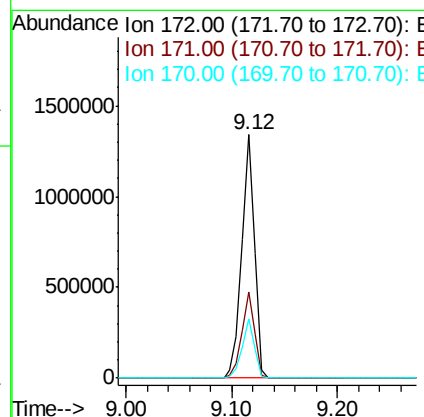
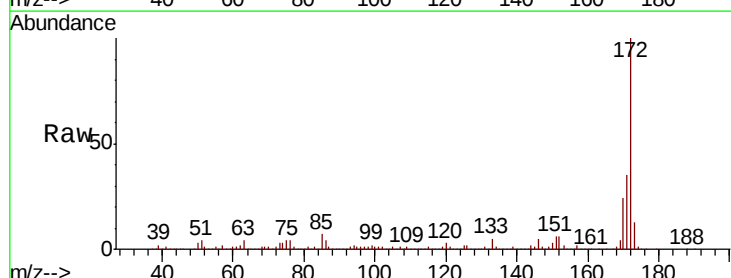
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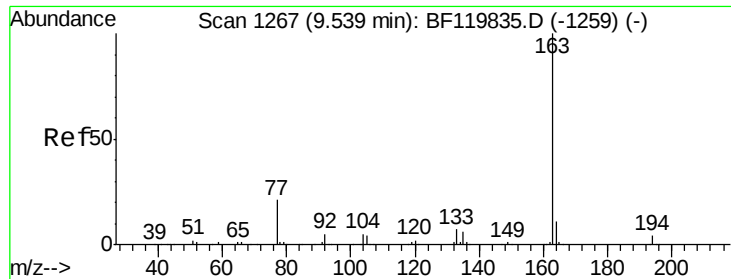
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#45
 2-Fluorobiphenyl
 Concen: 50.150 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF119907.D
 Acq: 10 Apr 2020 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1104504		
171	35.1	28.9	43.3	
170	24.3	19.4	29.2	





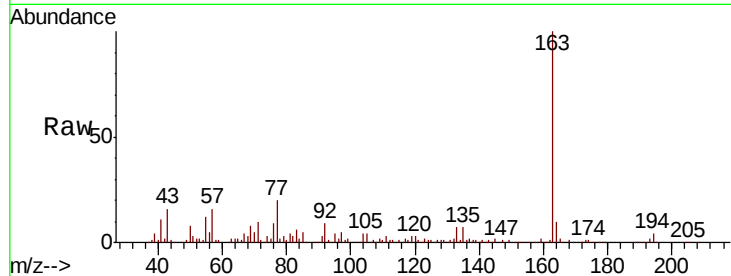
#50
Dimethylphthalate
Concen: 5.884 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF119907.D
Acq: 10 Apr 2020 20:54

Instrument :
BNA_F
ClientSampleId :
JC-02-04082020-C

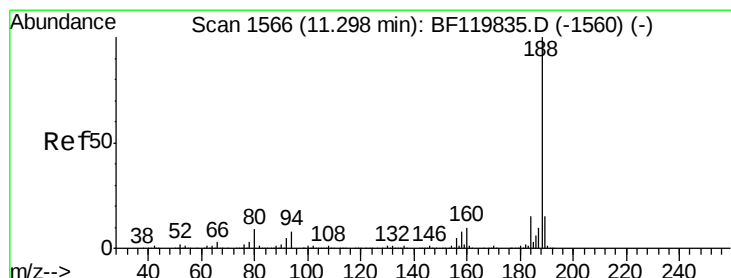
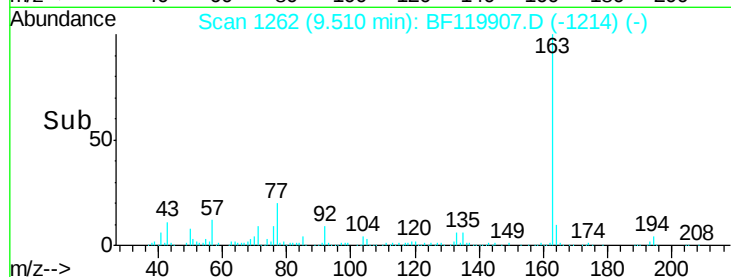
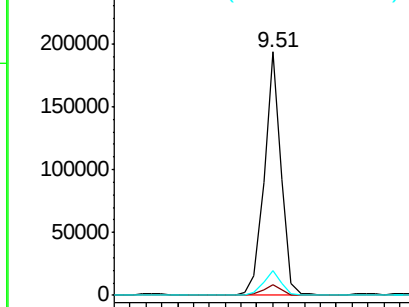
Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	4.2		3.0	4.4	
164	9.9		8.4	12.6	

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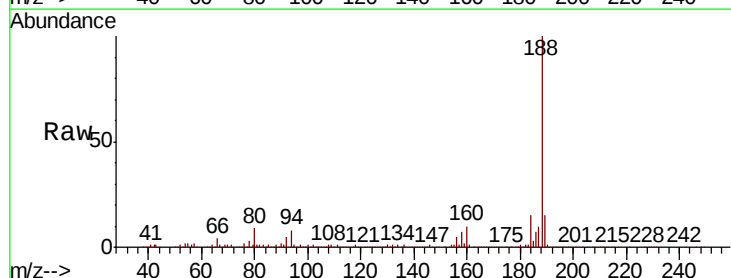


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

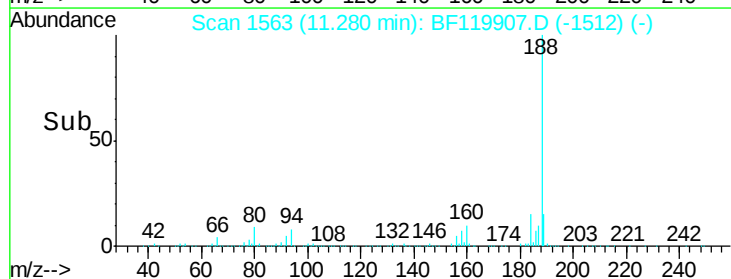
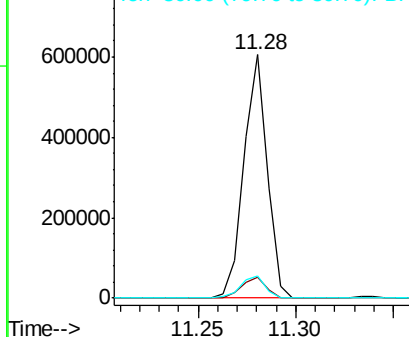


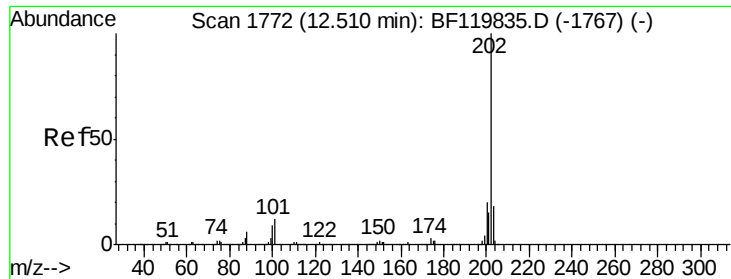
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.00 min
Lab File: BF119907.D
Acq: 10 Apr 2020 20:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.4		6.7	10.1	
80	9.3		7.4	11.2	



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





#75

Fluoranthene

Concen: 2.608 ng

RT: 12.49 min Scan# 1769

Delta R.T. -0.01 min

Lab File: BF119907.D

Acq: 10 Apr 2020 20:54

Instrument :

BNA_F

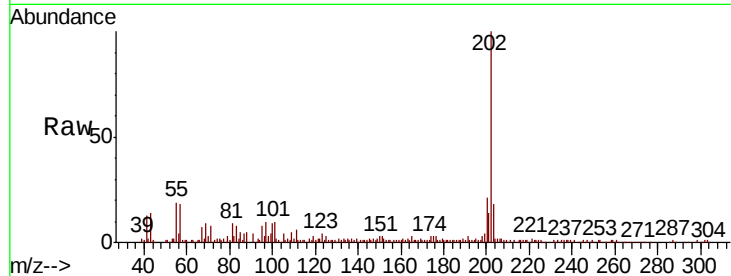
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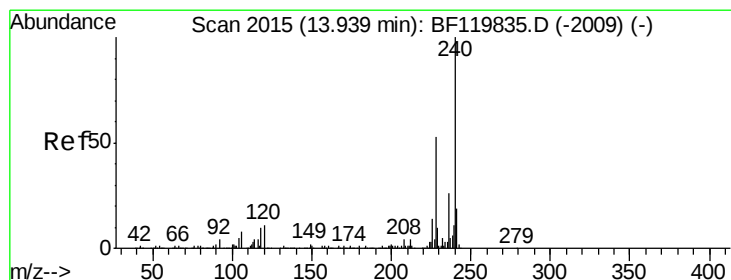
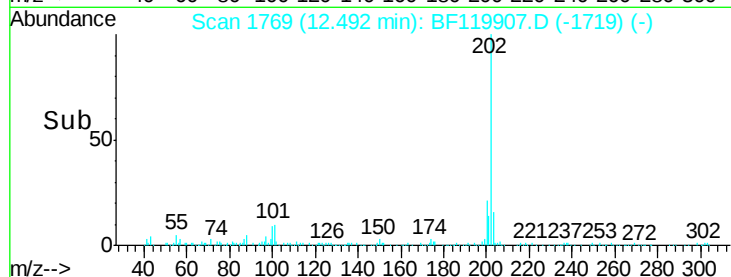
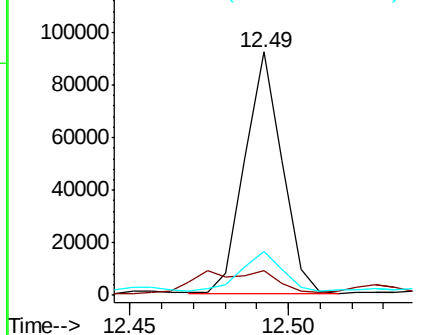
Tot Ion:	202	Resp:	74835
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	32.3
203	17.9	0.0	37.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

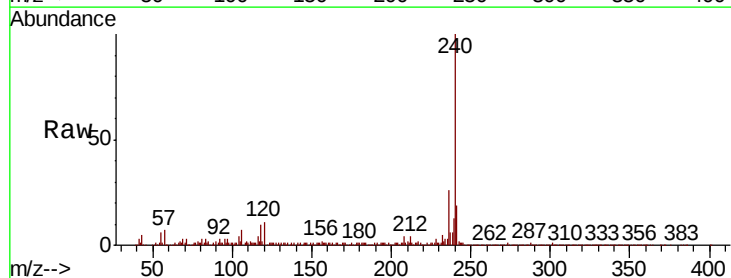
RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

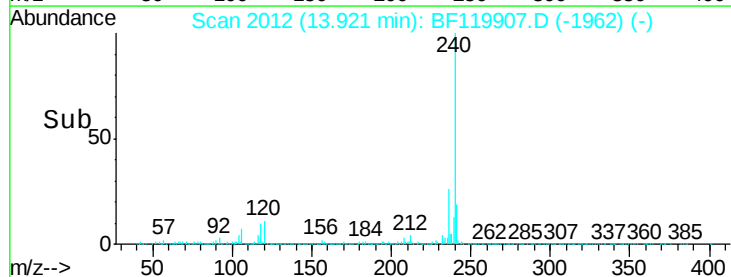
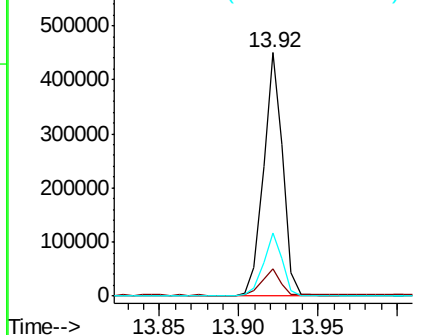
Lab File: BF119907.D

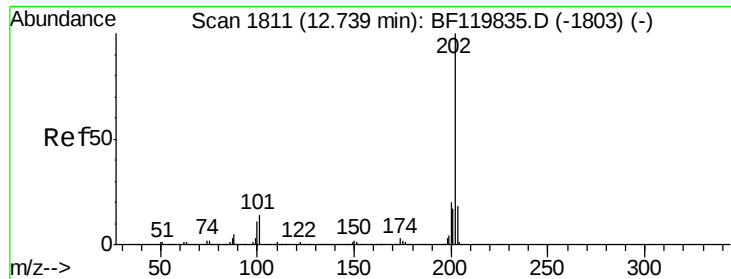
Acq: 10 Apr 2020 20:54

Tgt Ion:	240	Resp:	378327
Ion Ratio	Lower	Upper	
240	100		
120	11.4	9.0	13.6
236	26.0	20.7	31.1



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





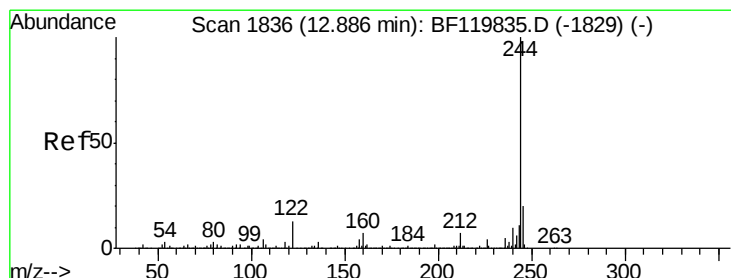
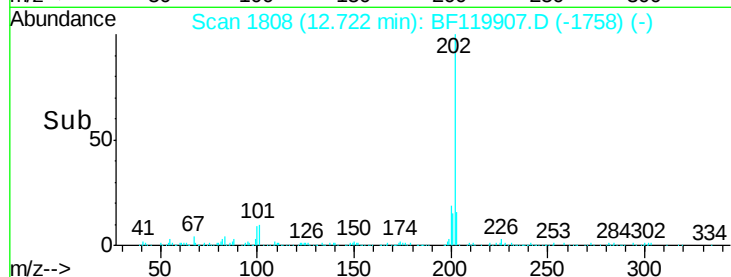
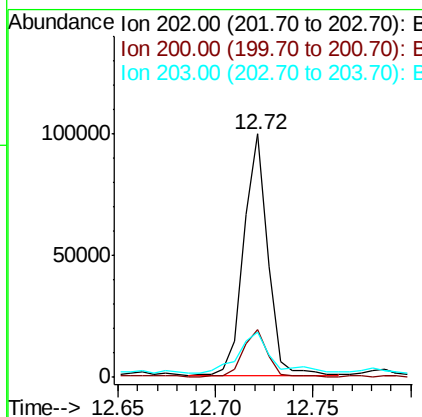
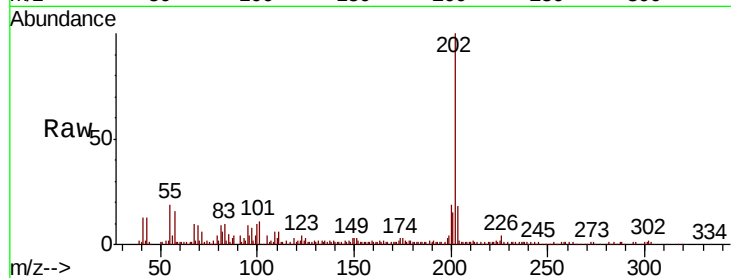
#78
Pvrene
Concen: 2.660 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF119907.D
Acq: 10 Apr 2020 20:54

Instrument :
BNA_F
ClientSampleId :
JC-02-04082020-C

Tot Ion:	202	Resp:	84853
Ion Ratio	Lower	Upper	
202	100		
200	19.4	16.2	24.2
203	18.4	14.1	21.1

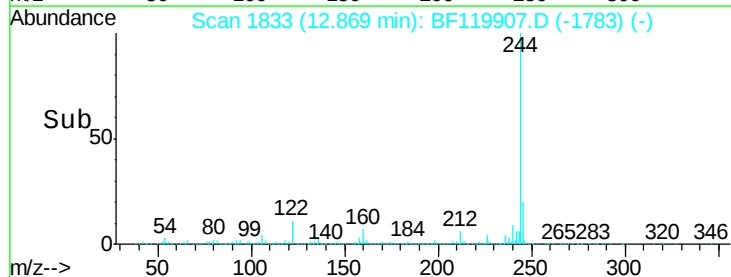
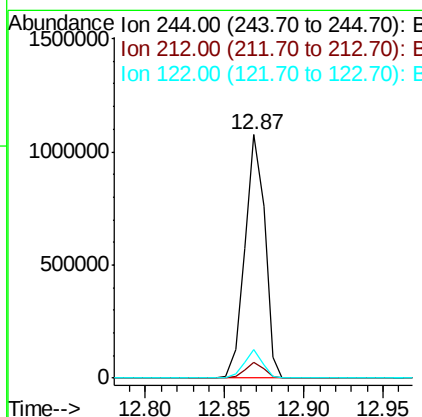
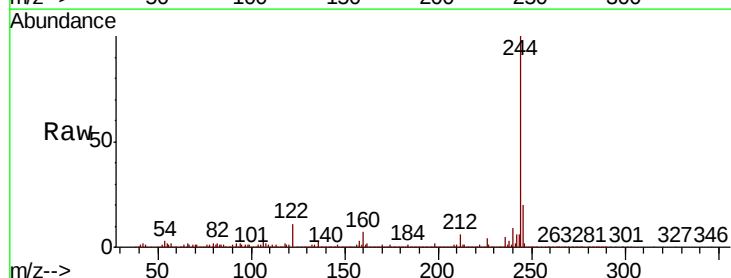
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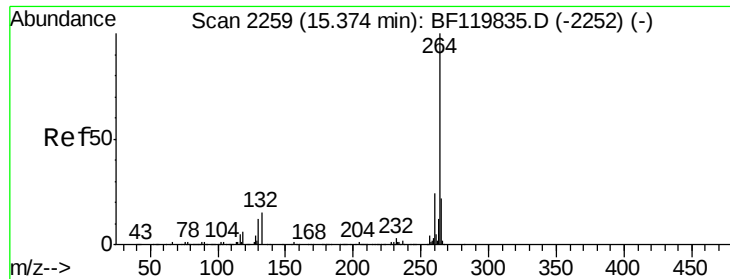
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#79
Terphenyl-d14
Concen: 41.566 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF119907.D
Acq: 10 Apr 2020 20:54

Tgt Ion:	244	Resp:	934568
Ion Ratio	Lower	Upper	
244	100		
212	6.3	5.4	8.0
122	11.5	10.3	15.5





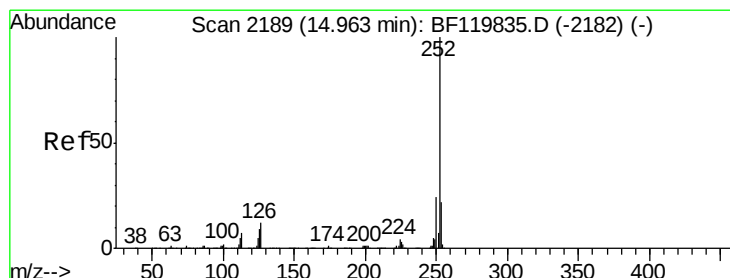
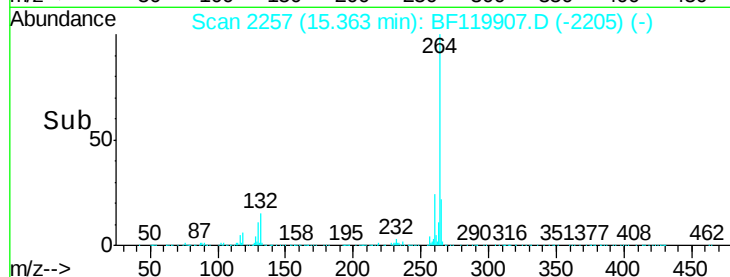
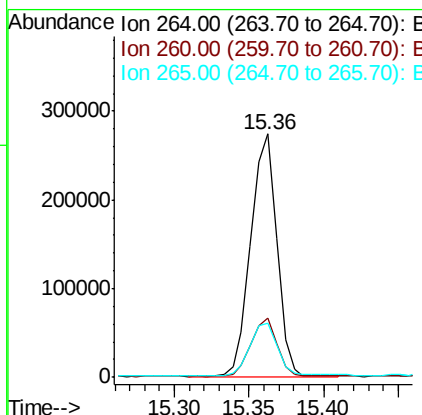
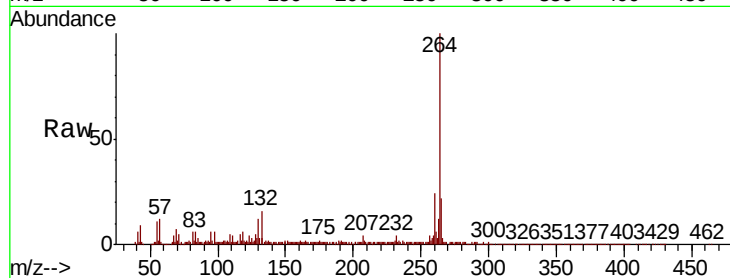
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.01 min
Lab File: BF119907.D
Acq: 10 Apr 2020 20:54

Instrument :
BNA_F
ClientSampleId :
JC-02-04082020-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.3	28.9
265	22.2	17.6	26.4

Manual Integrations
APPROVED

mohammad
4/14/2020 3:39:25 PM



#88
Benzo(b)fluoranthene
Concen: 2.343 ng m
RT: 14.94 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BF119907.D
Acq: 10 Apr 2020 20:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.6	17.7	26.5#
125	26.1	7.4	11.2#

