

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
 Data File : BF112541.D
 Acq On : 13 Feb 2019 16:18
 Operator : JU/SJ
 Sample : K1343-19 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-J

Manual Integrations
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Sohil
 2/14/2019 11:36:18 AM

Quant Time: Feb 14 07:34:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	109613	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	423529	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	175541	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	273425	20.00	ng	0.00
76) Chrysene-d12	14.02	240	245742	20.00	ng	0.00
87) Perylene-d12	15.50	264	173204	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	151384	29.33	ng	-0.01
7) Phenol-d6	6.49	99	192877	26.90	ng	0.00
23) Nitrobenzene-d5	7.40	82	113153	15.39	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	37206	18.21	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	212052	17.09	ng	-0.01
79) Terphenyl-d14	12.95	244	173945	13.33	ng	0.00
Target Compounds						
71) Phenanthrene	11.39	178	44858	3.156	ng	98
75) Fluoranthene	12.59	202	62536	4.102	ng	98
78) Pyrene	12.82	202	56206	3.304	ng	99
88) Benzo(b)fluoranthene	15.07	252	25756m	2.486	ng	

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

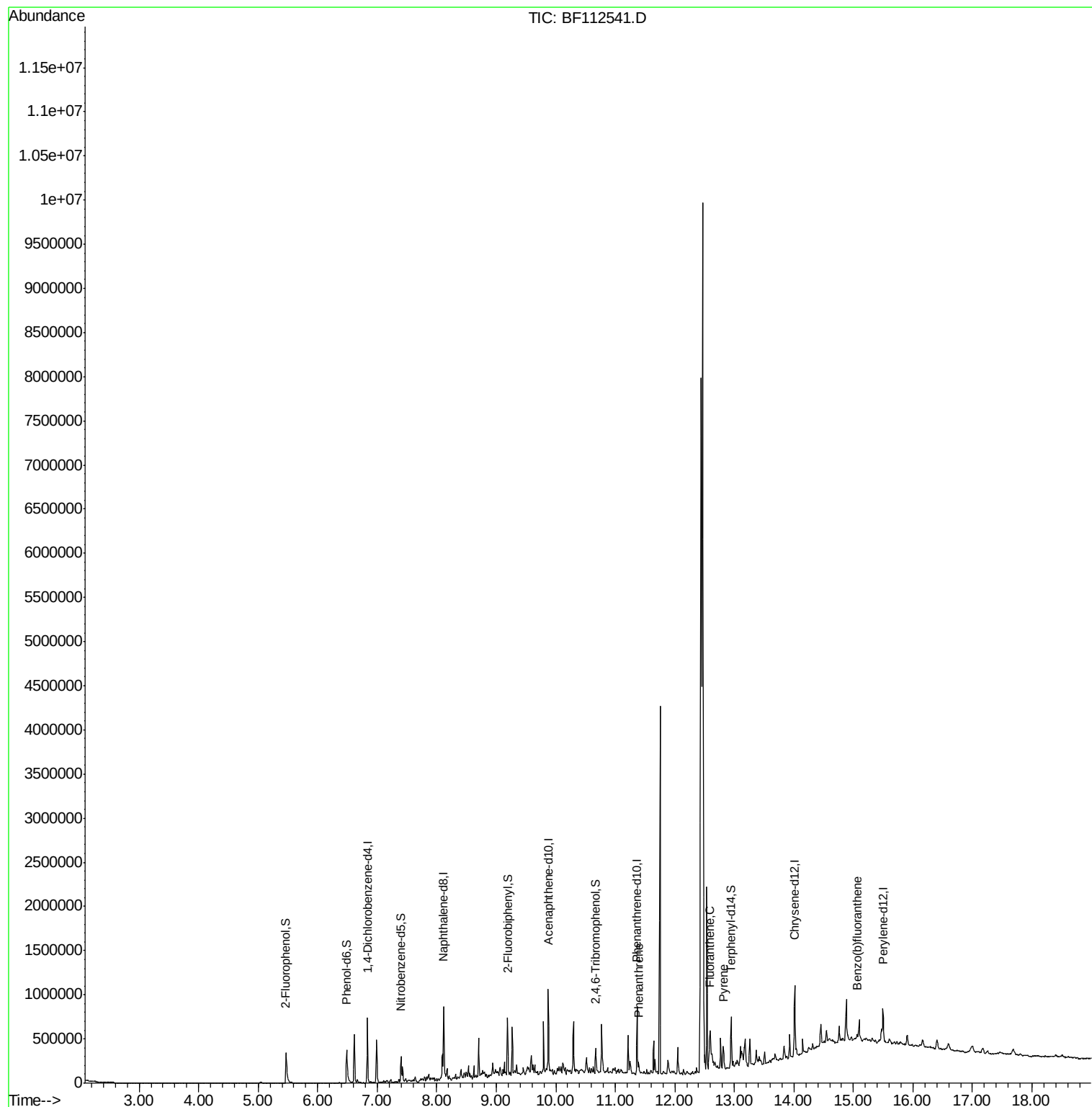
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112541.D
Acq On : 13 Feb 2019 16:18
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Sample : K1343-19 5X
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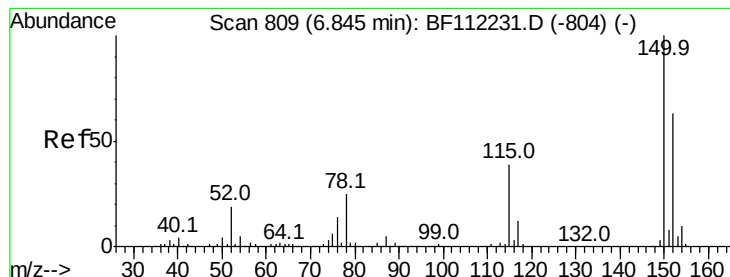
Instrument :
BNA_F
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#1

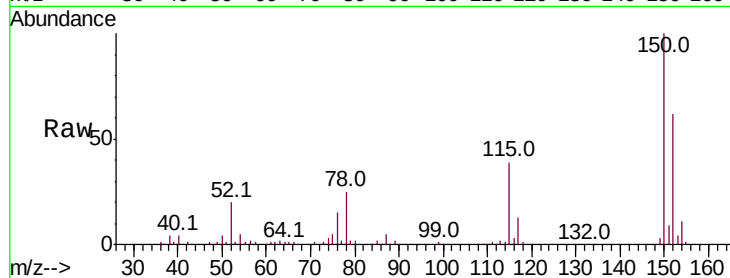
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112541.D
Acq: 13 Feb 2019 16:18

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-J

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	127.4	191.0
115	63.0	45.5	68.3

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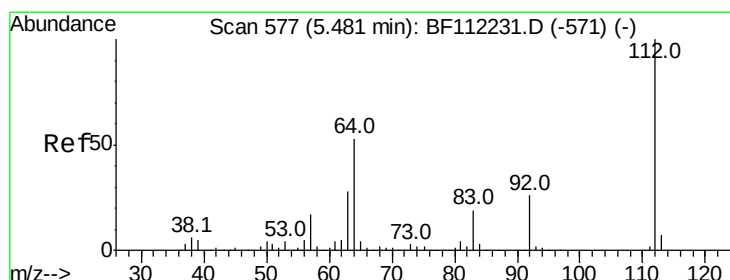
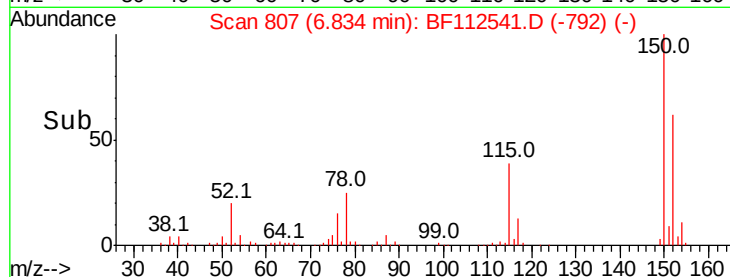
Abundance

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

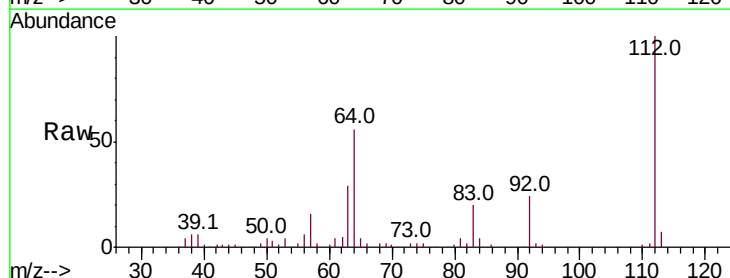
Time-->



#5

2-Fluorophenol
Concen: 29.335 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112541.D
Acq: 13 Feb 2019 16:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	45.7	68.5
63	29.4	23.6	35.4



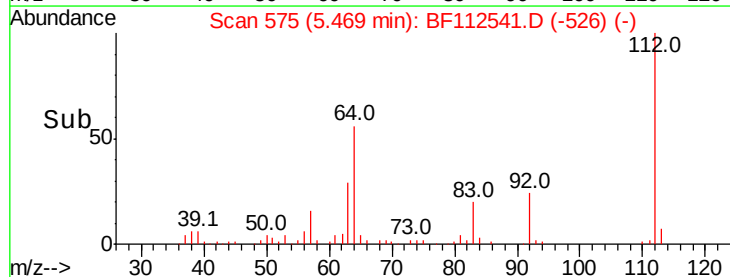
Abundance

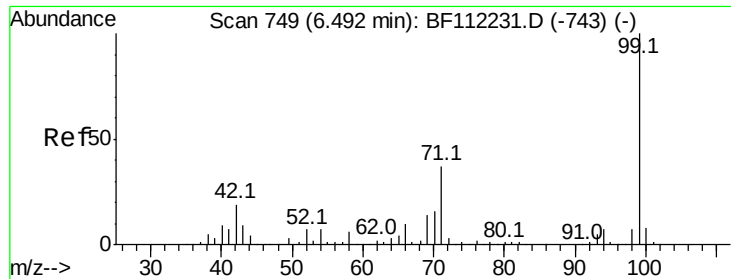
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->





#7

Phenol-d6

Concen: 26.897 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112541.D

Acq: 13 Feb 2019 16:18

Instrument :

BNA_F

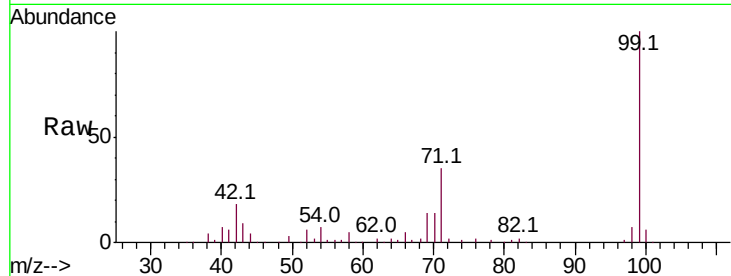
ClientSampleId :

JC-02-021119-J

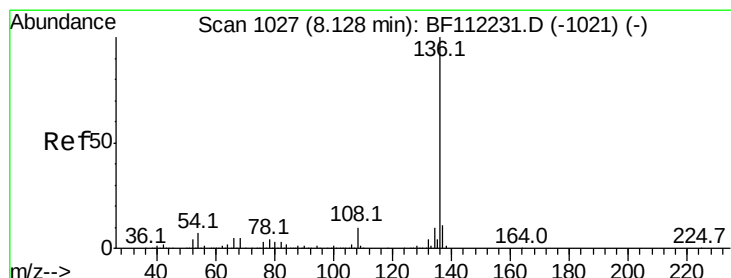
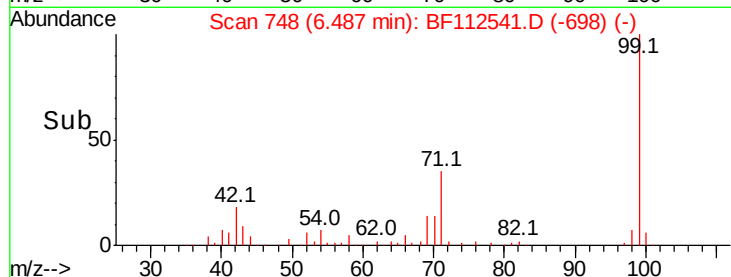
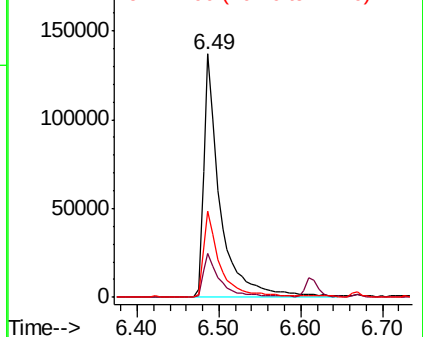
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		192877		
42	18.0	15.1	22.7		
71	35.3	26.9	40.3		

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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

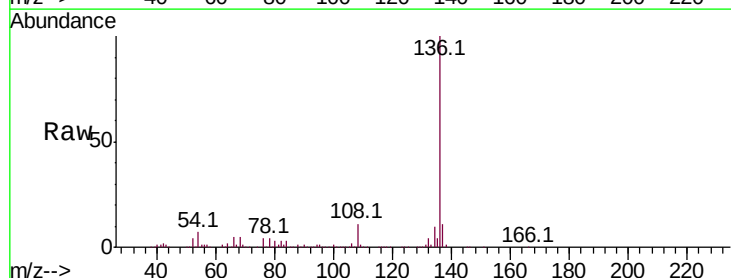
RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

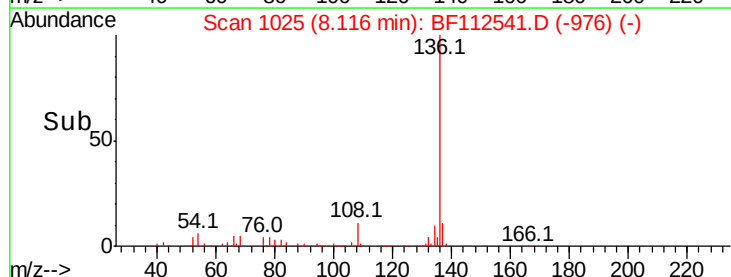
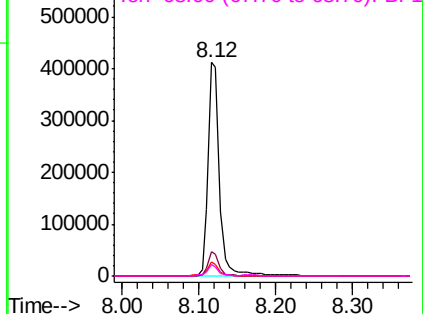
Lab File: BF112541.D

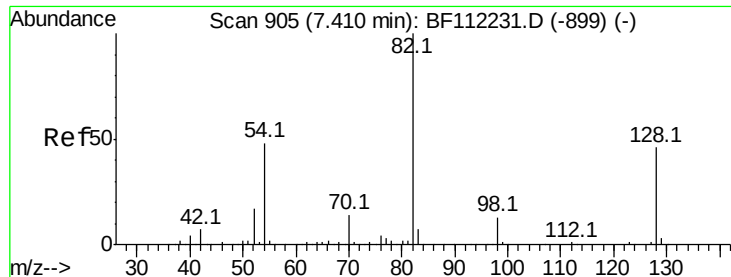
Acq: 13 Feb 2019 16:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		423529		
137	11.2	9.1	13.7		
54	6.6	5.9	8.9		
68	5.1	5.1	7.7		



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





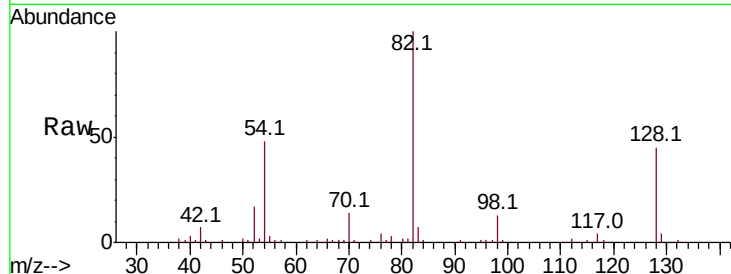
#23
 Nitrobenzene-d5
 Concen: 15.394 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112541.D
 Acq: 13 Feb 2019 16:18

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-J

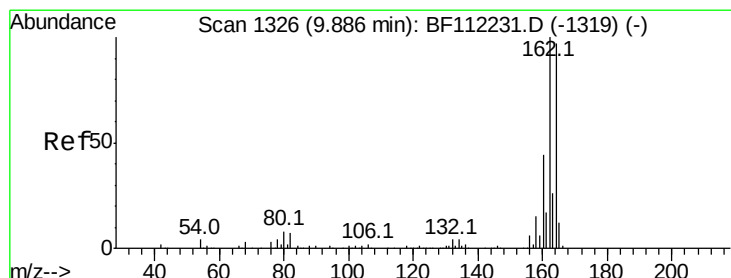
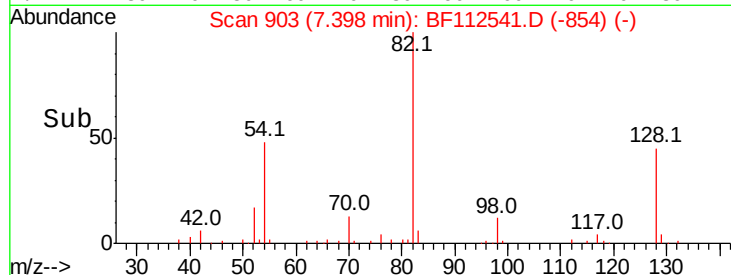
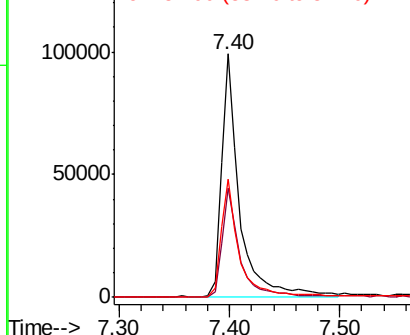
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	37.8	56.8
54	48.3	39.7	59.5

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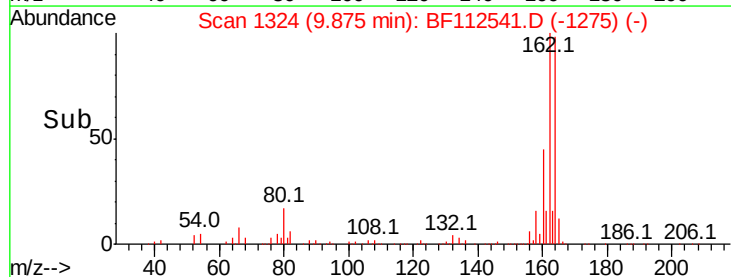
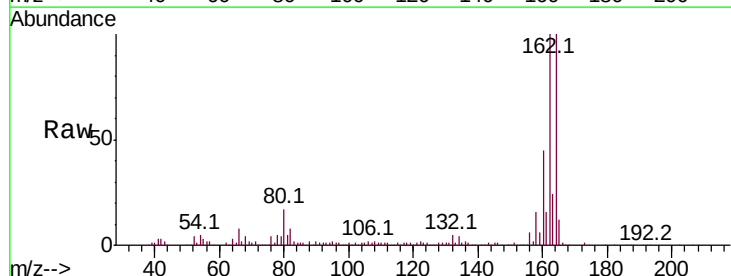
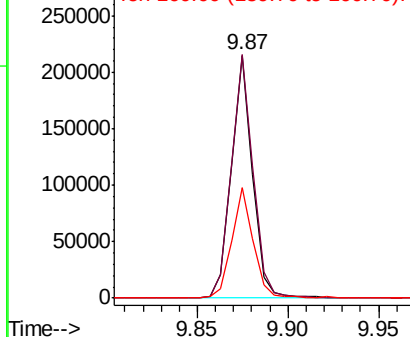
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

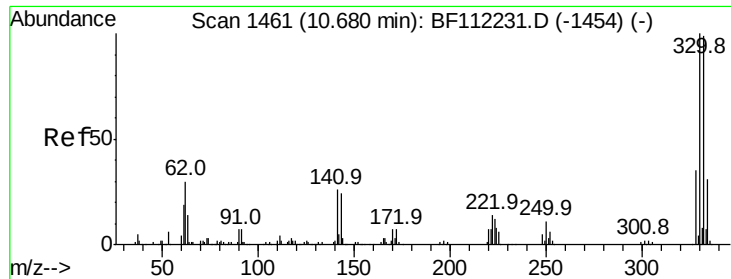


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112541.D
 Acq: 13 Feb 2019 16:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.2	123.4
160	45.3	36.2	54.4

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





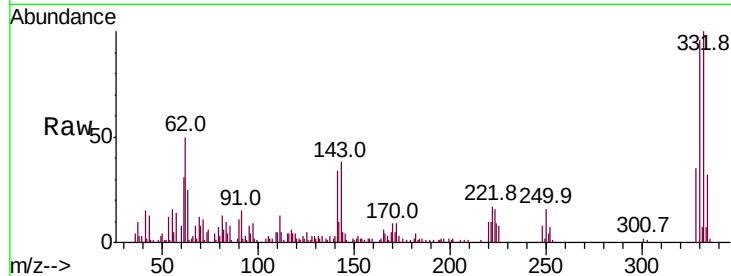
#42
 2,4,6-Tribromophenol
 Concen: 18.209 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF112541.D
 Acq: 13 Feb 2019 16:18

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-J

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.3	76.6	114.8
141	33.5	24.3	36.5

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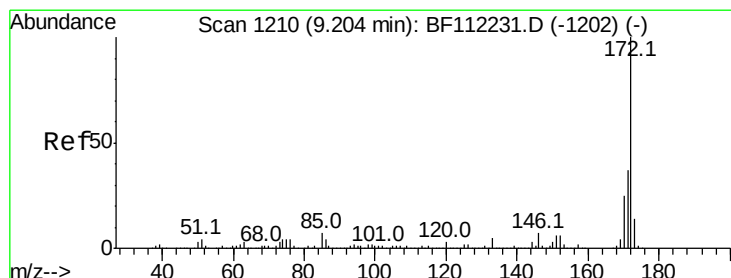
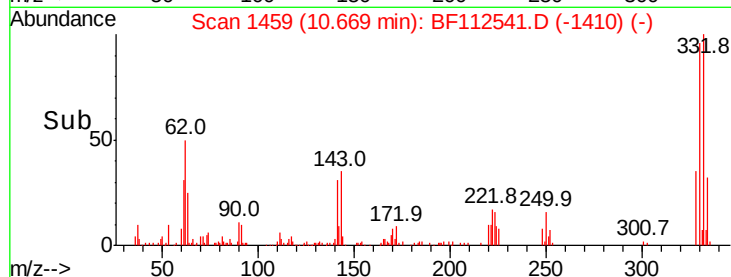
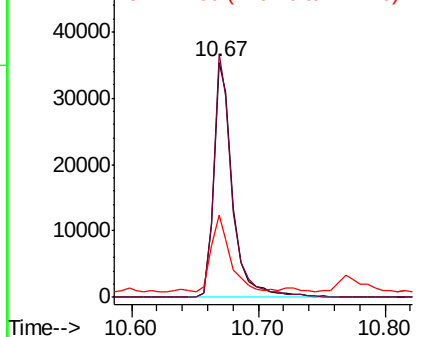


Abundance

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: 17.085 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112541.D
 Acq: 13 Feb 2019 16:18

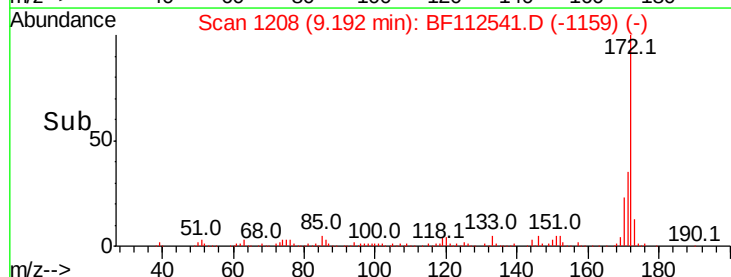
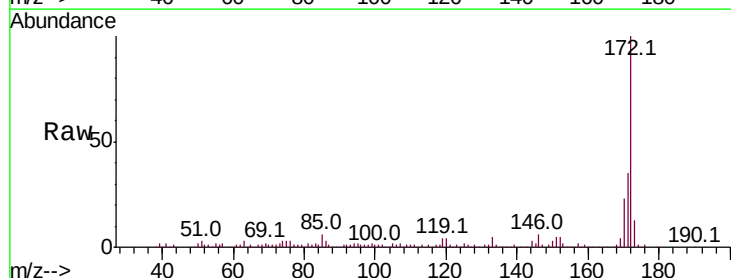
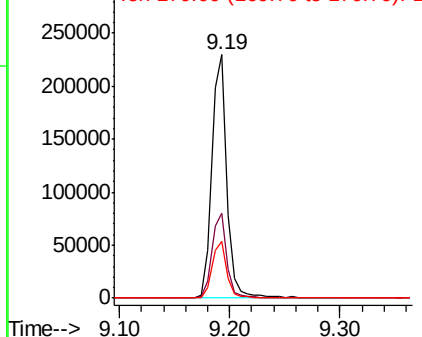
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.5	45.7
170	23.3	20.2	30.4

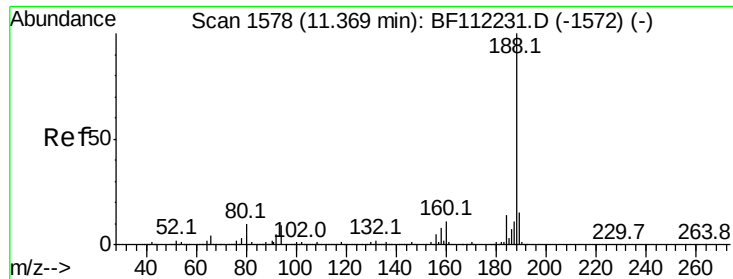
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





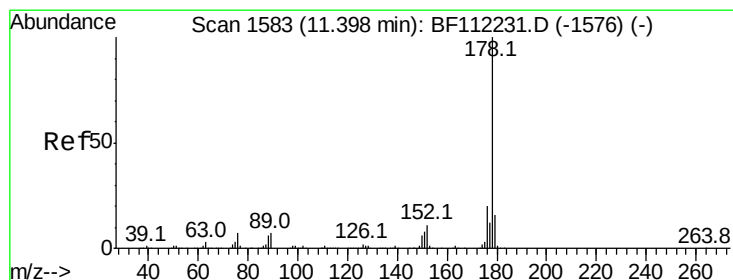
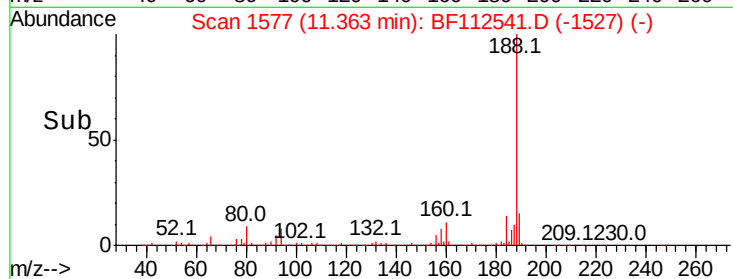
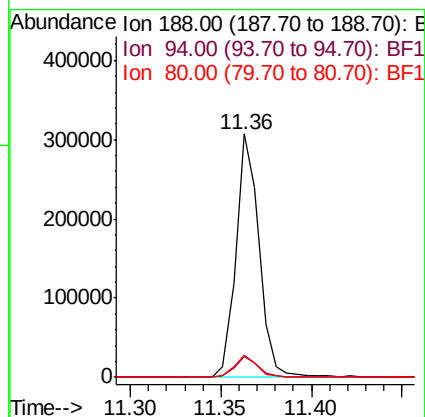
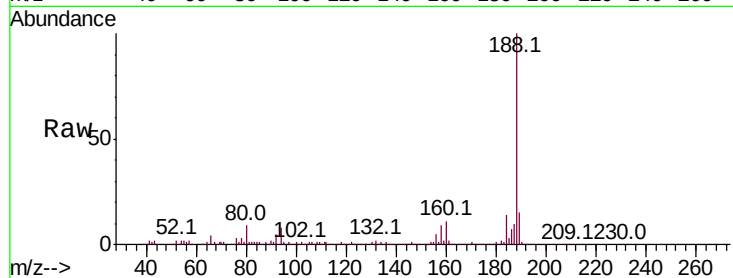
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112541.D
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ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.4	8.2	12.2
80	9.0	8.9	13.3

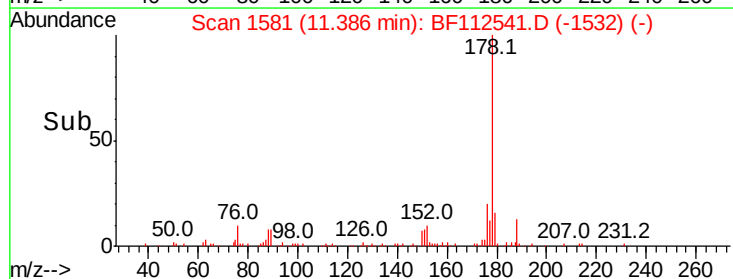
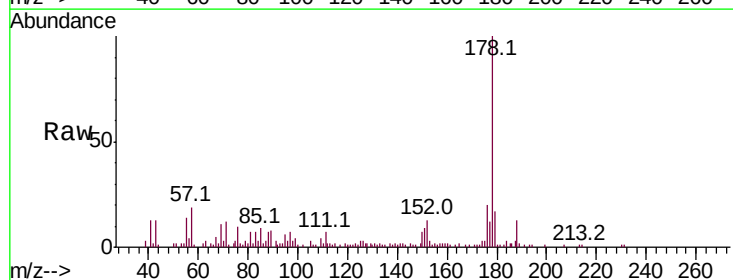
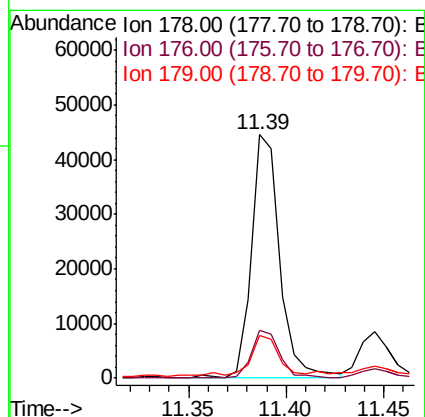
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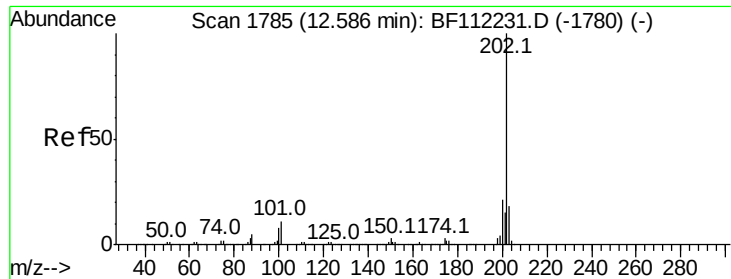
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#71
Phenanthrene
Concen: 3.156 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112541.D
Acq: 13 Feb 2019 16:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.5	16.3	24.5
179	17.5	13.0	19.4





#75

Fluoranthene

Concen: 4.102 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF112541.D

Acq: 13 Feb 2019 16:18

Instrument :

BNA_F

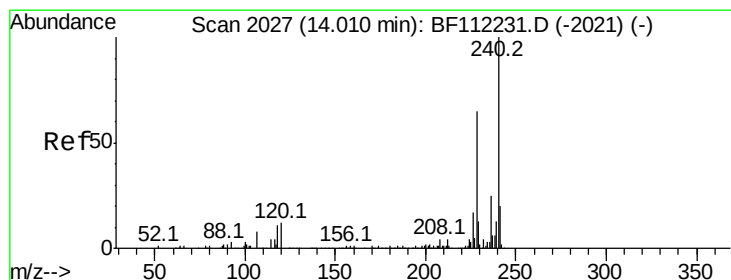
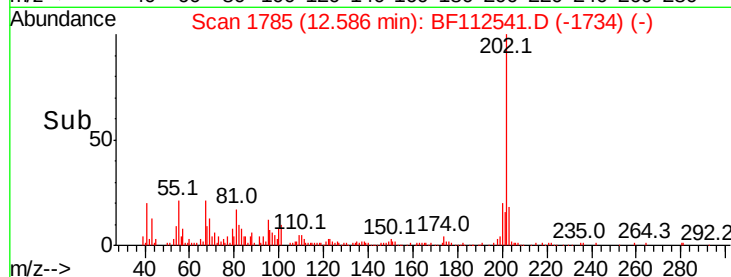
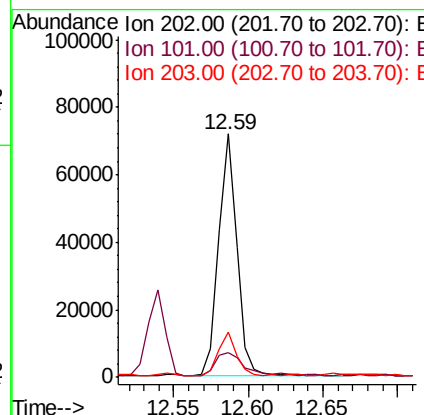
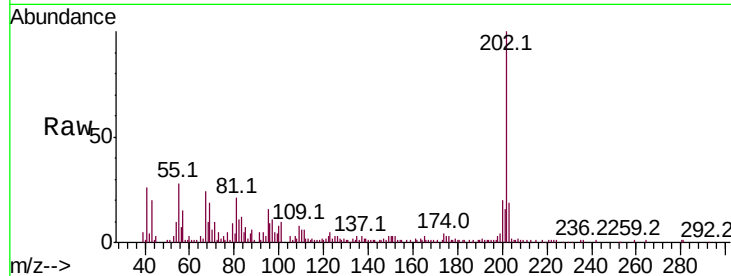
ClientSampleId :

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Tot Ion:	202	Resp:	62536
Ion Ratio	Lower	Upper	
202	100		
101	10.3	0.0	31.8
203	18.7	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

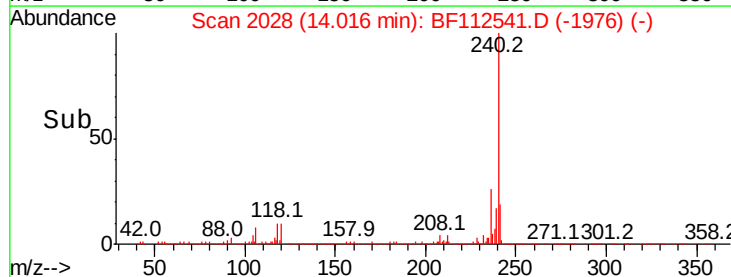
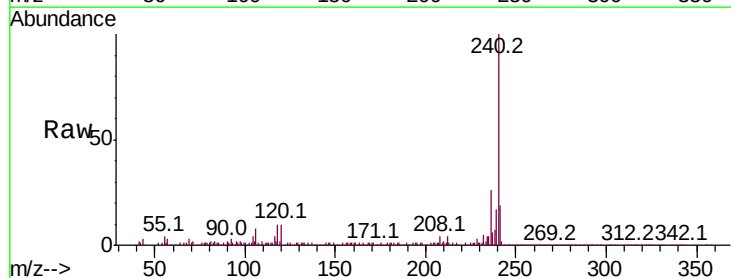
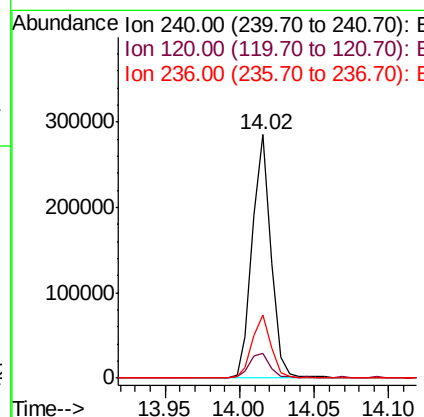
RT: 14.02 min Scan# 2028

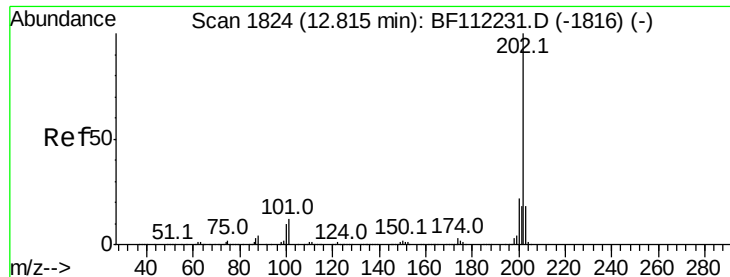
Delta R.T. 0.01 min

Lab File: BF112541.D

Acq: 13 Feb 2019 16:18

Tgt Ion:	240	Resp:	245742
Ion Ratio	Lower	Upper	
240	100		
120	10.4	9.0	13.6
236	25.7	20.7	31.1





#78

Pvrene

Concen: 3.304 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF112541.D

Acq: 13 Feb 2019 16:18

Instrument :

BNA_F

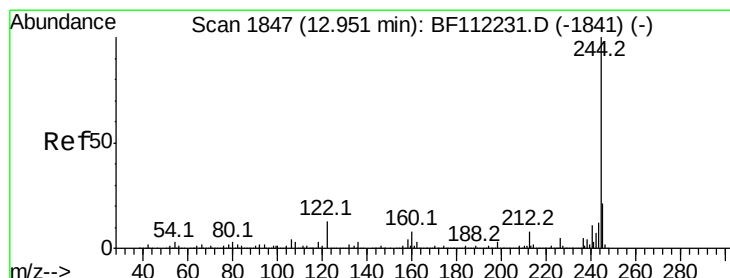
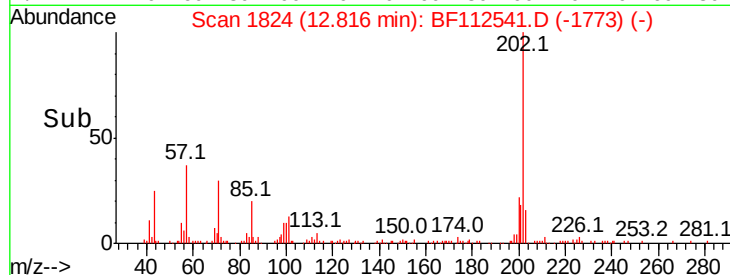
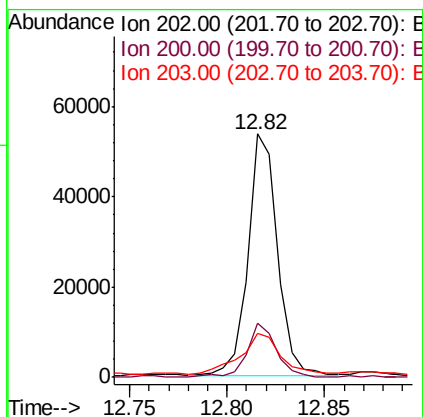
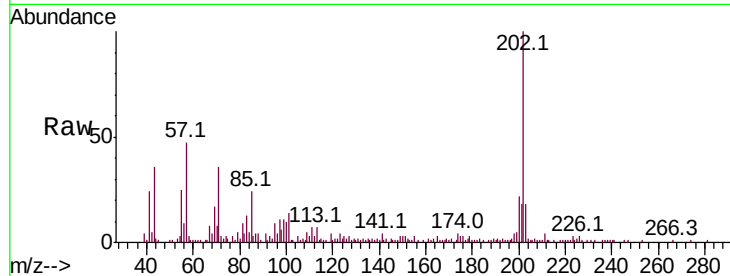
ClientSampleId :

JC-02-021119-J

Tot Ion:	202	Resp:	56206
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.7	26.5
203	17.9	14.6	22.0

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#79

Terphenyl-d14

Concen: 13.332 ng

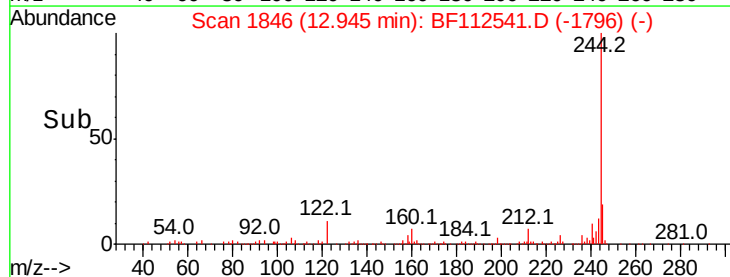
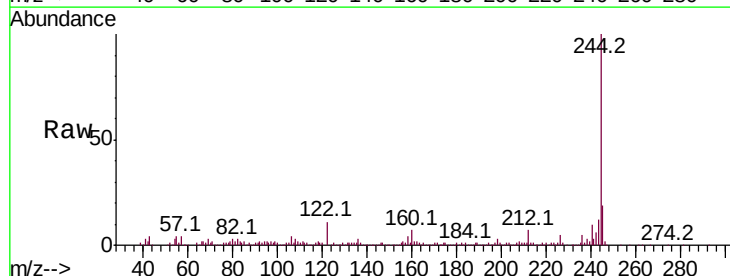
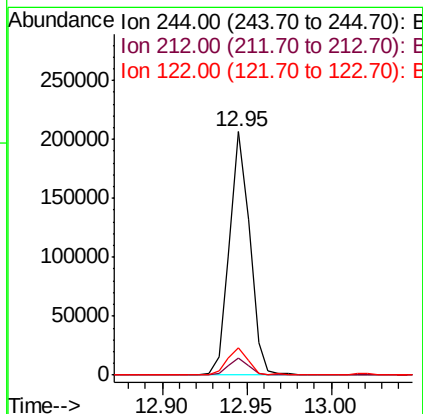
RT: 12.95 min Scan# 1846

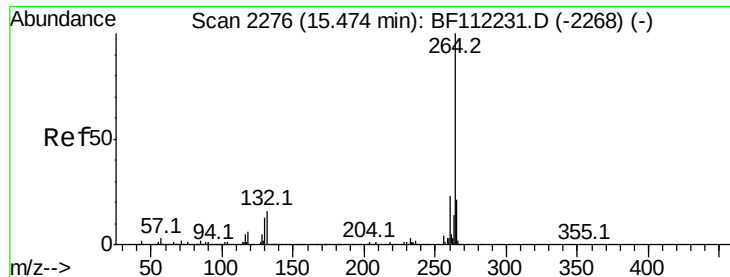
Delta R.T. -0.01 min

Lab File: BF112541.D

Acq: 13 Feb 2019 16:18

Tgt Ion:	244	Resp:	173945
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.9	8.9
122	11.0	9.8	14.6





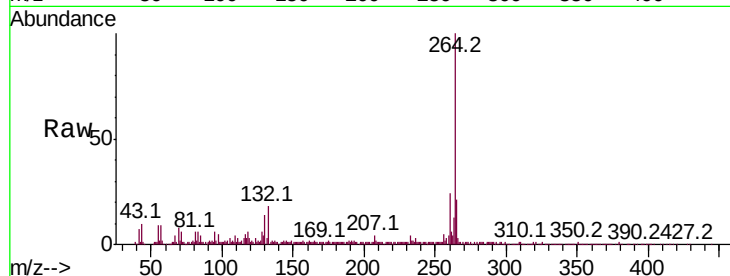
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.02 min
Lab File: BF112541.D
Acq: 13 Feb 2019 16:18

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-J

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	21.4	17.0	25.4

Manual Integrations
APPROVED

Sohil
2/14/2019 11:36:18 AM

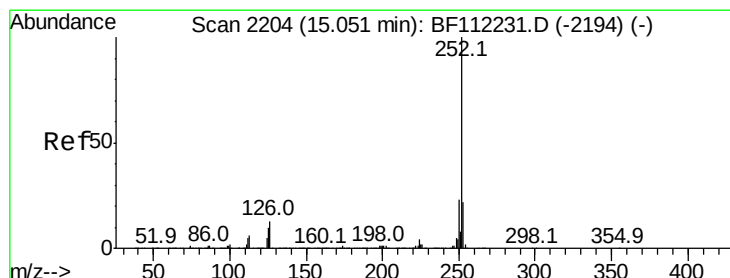
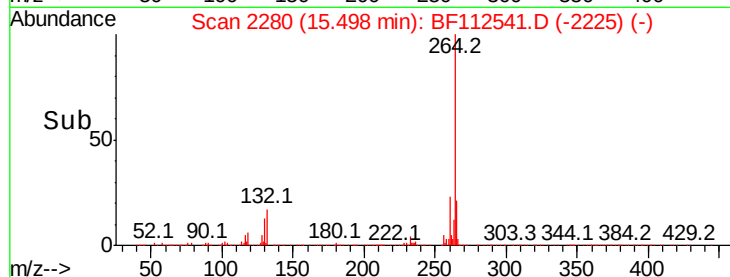
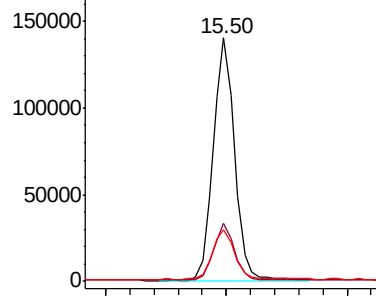


Abundance

Ion 264.00 (263.70 to 264.70): E

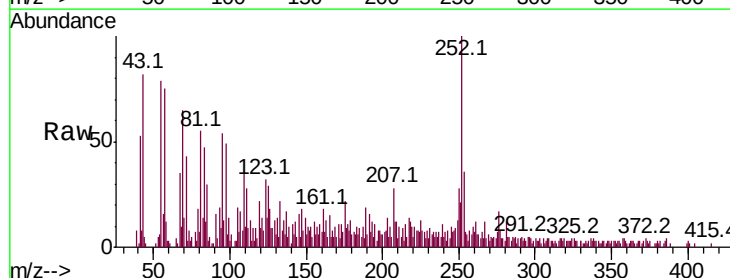
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 2.486 ng m
RT: 15.07 min Scan# 2207
Delta R.T. 0.02 min
Lab File: BF112541.D
Acq: 13 Feb 2019 16:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.8	18.0	27.0#
125	28.7	8.7	13.1#



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

