

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
 Data File : BF112526.D
 Acq On : 13 Feb 2019 00:16
 Operator : JU/SJ
 Sample : K1343-19 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 2/13/2019 11:12:31 AM

Quant Time: Feb 13 05:51:11 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	104284	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	376396	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	154926	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	276335	20.00	ng	0.00
76) Chrysene-d12	14.02	240	238516	20.00	ng	0.00
87) Perylene-d12	15.50	264	178991	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	141430	28.81	ng	0.00
7) Phenol-d6	6.49	99	176435	25.86	ng	0.00
23) Nitrobenzene-d5	7.40	82	93698	14.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	38306	21.24	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	187515	17.12	ng	-0.01
79) Terphenyl-d14	12.95	244	186913	14.76	ng	0.00
Target Compounds						
71) Phenanthrene	11.39	178	45389	3.159	ng	98
75) Fluoranthene	12.59	202	67832	4.402	ng	96
78) Pyrene	12.82	202	57607	3.488	ng	100
88) Benzo(b)fluoranthene	15.07	252	24167m	2.258	ng	

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

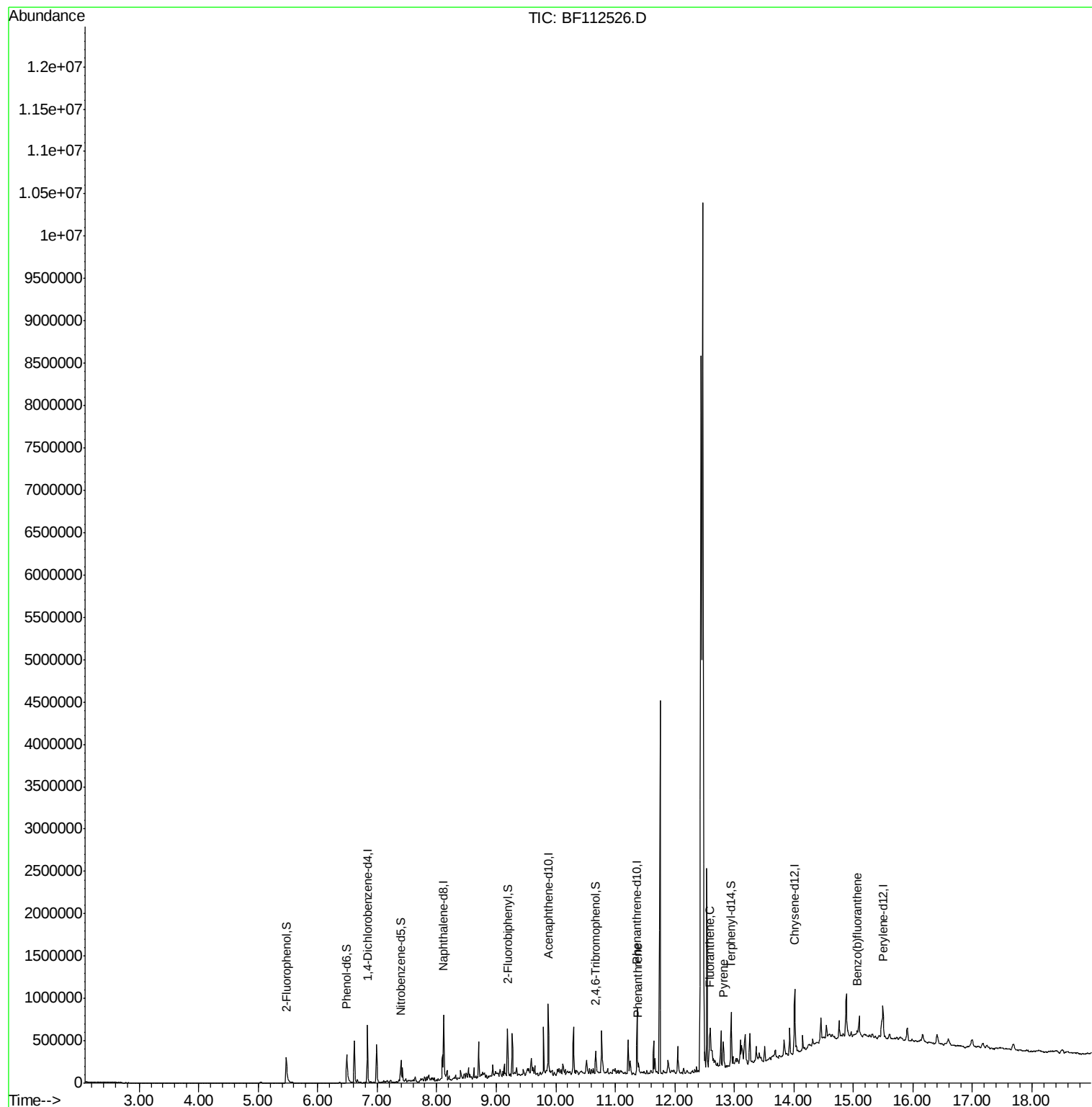
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112526.D
Acq On : 13 Feb 2019 00:16
Operator : JU/SJ
Sample : K1343-19 5X
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#1

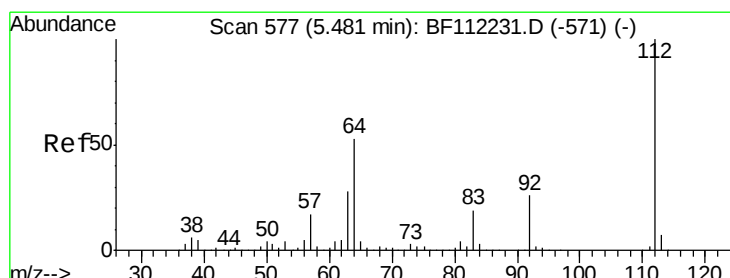
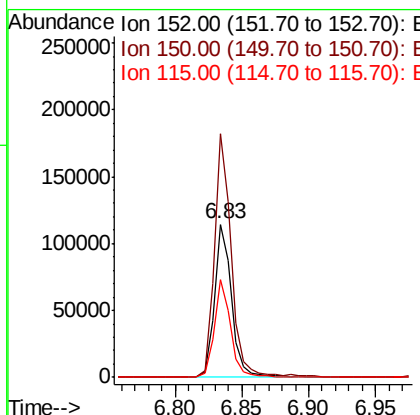
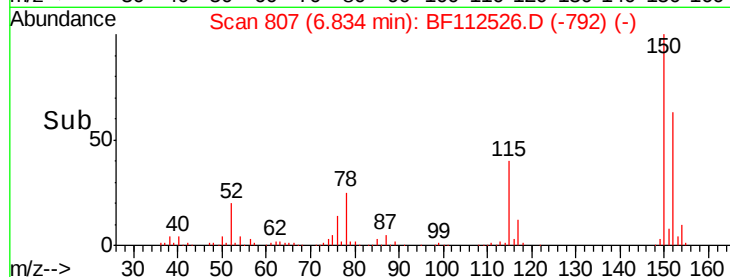
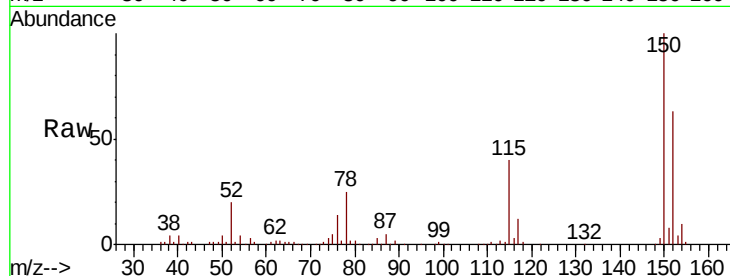
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112526.D
Acq: 13 Feb 2019 00:16

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	127.4	191.0
115	63.7	45.5	68.3

Manual Integrations
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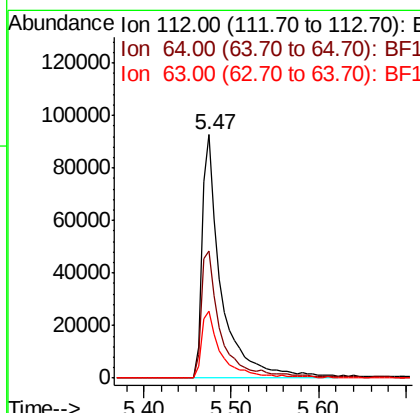
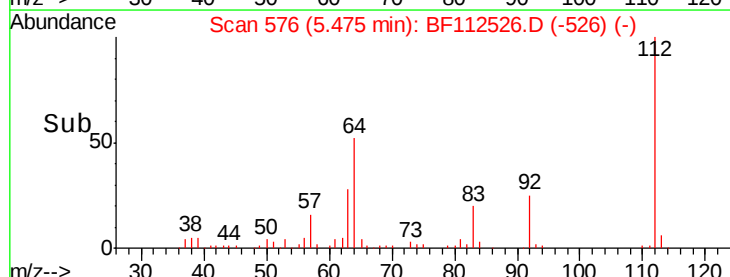
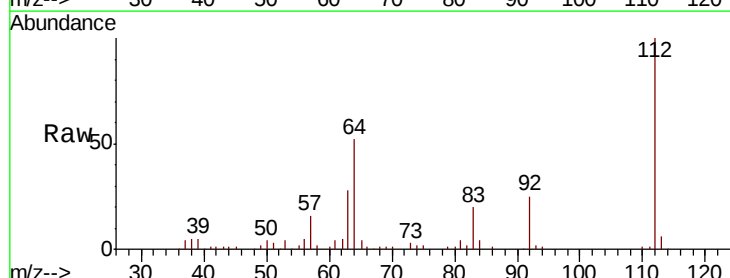
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#5

2-Fluorophenol
Concen: 28.807 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112526.D
Acq: 13 Feb 2019 00:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.3	45.7	68.5
63	27.6	23.6	35.4





#7

Phenol-d6

Concen: 25.862 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112526.D

Acq: 13 Feb 2019 00:16

Instrument :

BNA_F

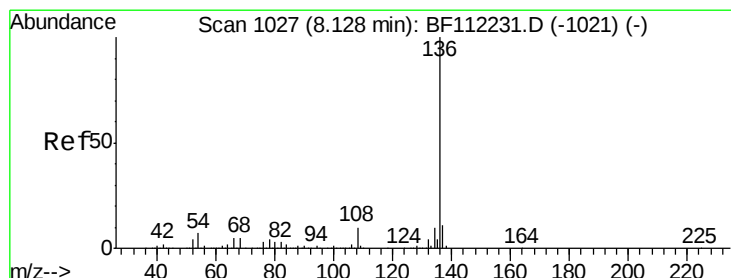
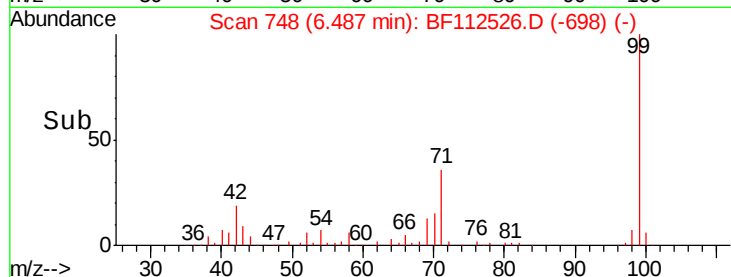
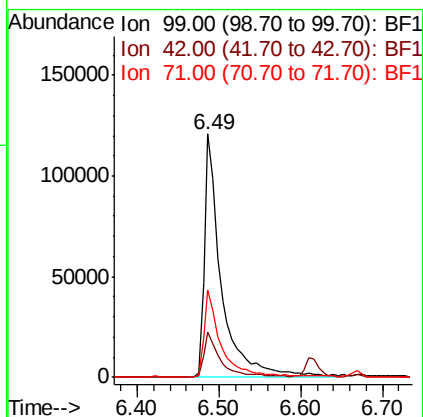
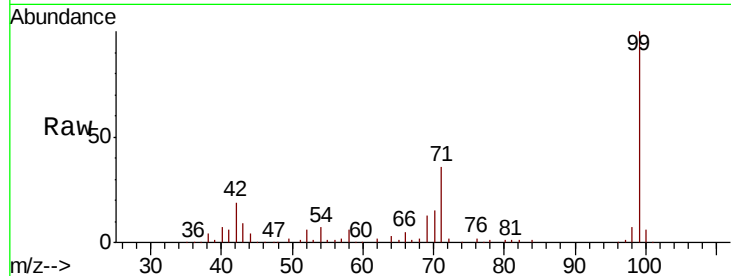
ClientSampleId :

JC-02-021119-J

Tot Ion:	99	Resp:	176435
Ion Ratio	Lower	Upper	
99	100		
42	18.6	15.1	22.7
71	35.9	26.9	40.3

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#21

Naphthalene-d8

Concen: 20.000 ng

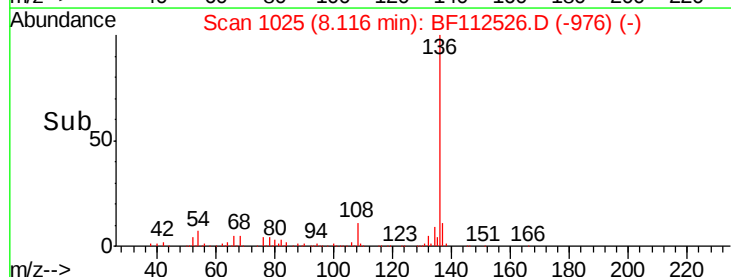
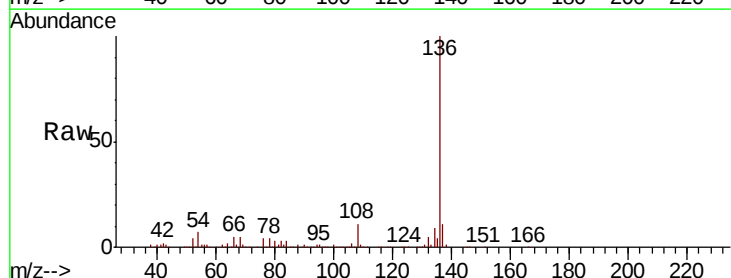
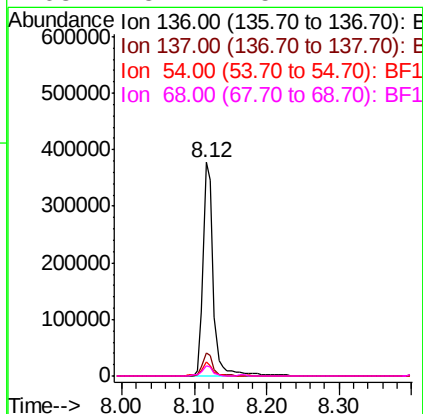
RT: 8.12 min Scan# 1025

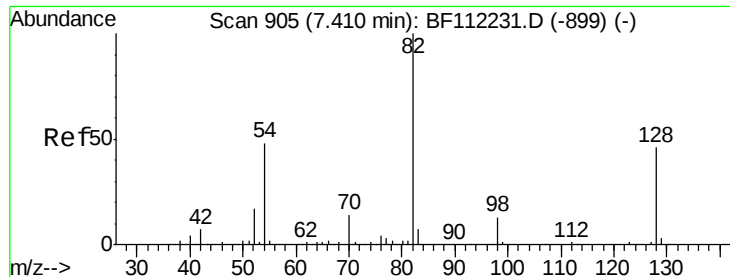
Delta R.T. -0.01 min

Lab File: BF112526.D

Acq: 13 Feb 2019 00:16

Tgt Ion:	136	Resp:	376396
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.1	13.7
54	6.6	5.9	8.9
68	5.1	5.1	7.7#





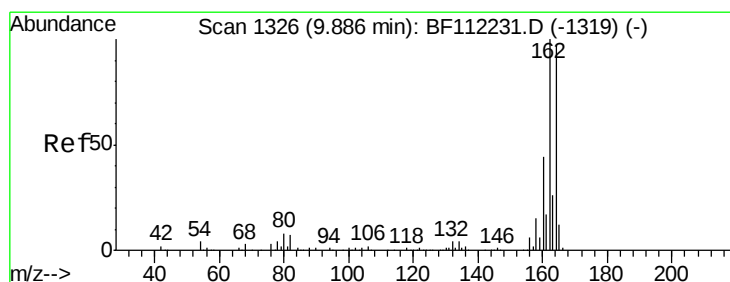
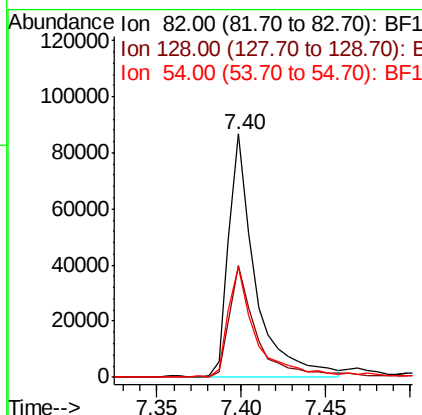
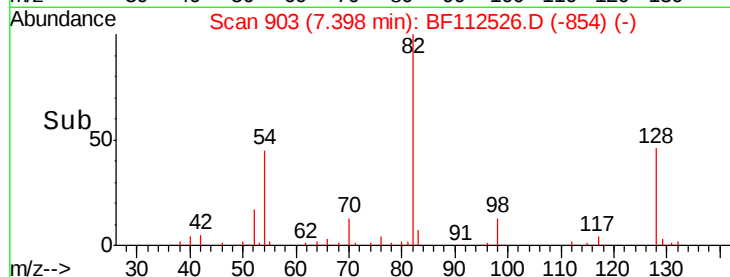
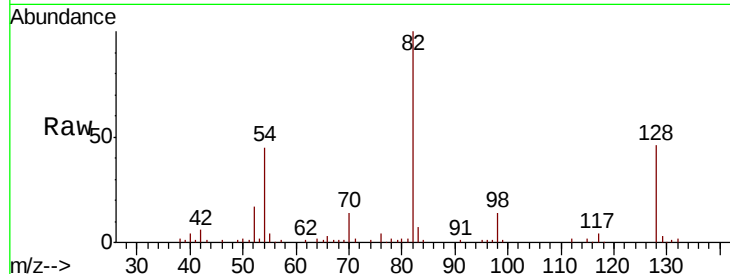
#23
 Nitrobenzene-d5
 Concen: 14.344 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112526.D
 Acq: 13 Feb 2019 00:16

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.8	56.8
54	45.2	39.7	59.5

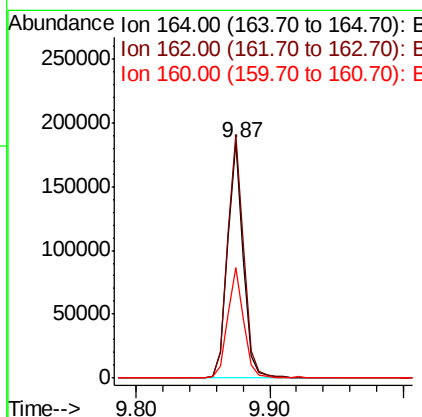
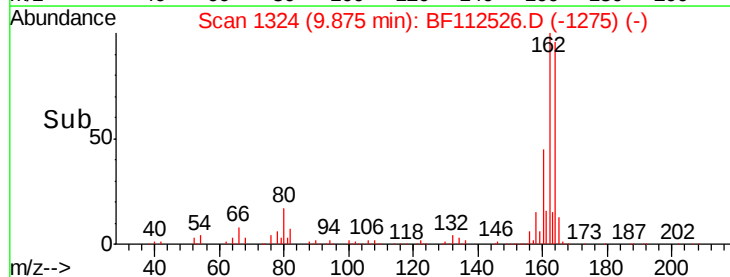
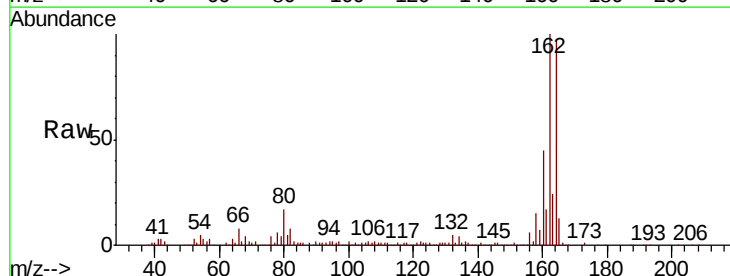
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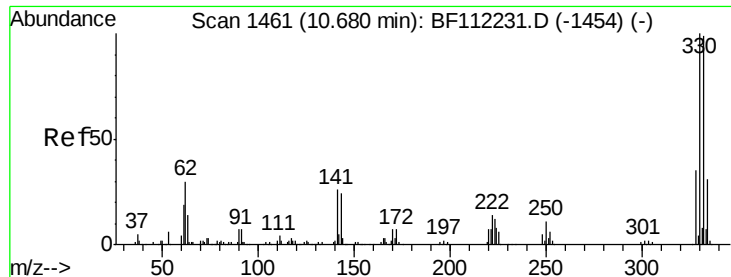
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112526.D
 Acq: 13 Feb 2019 00:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.2	123.4
160	46.7	36.2	54.4





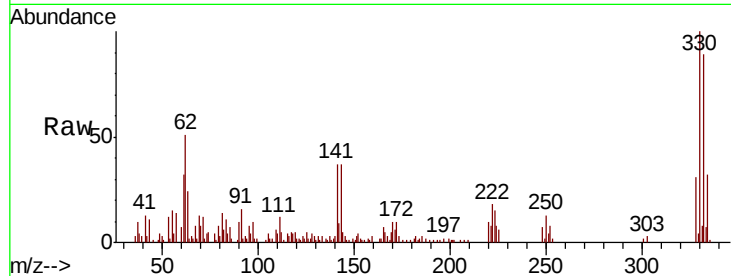
#42
 2,4,6-Tribromophenol
 Concen: 21.242 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF112526.D
 Acq: 13 Feb 2019 00:16

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

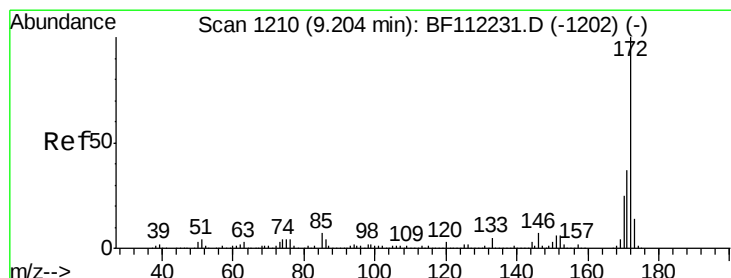
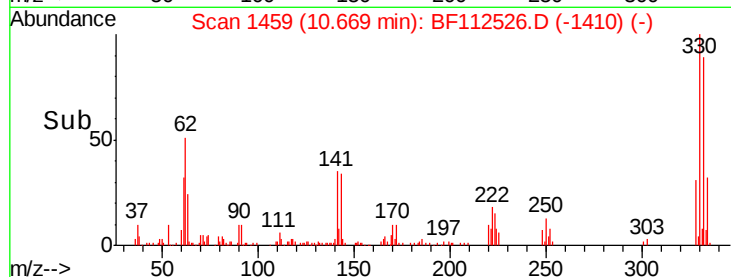
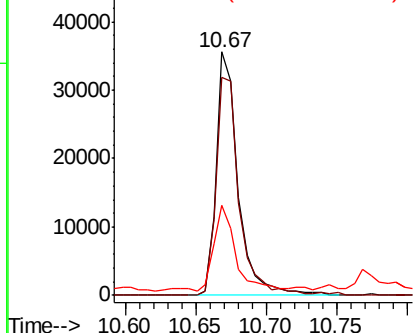
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.6	114.8
141	37.6	24.3	36.5

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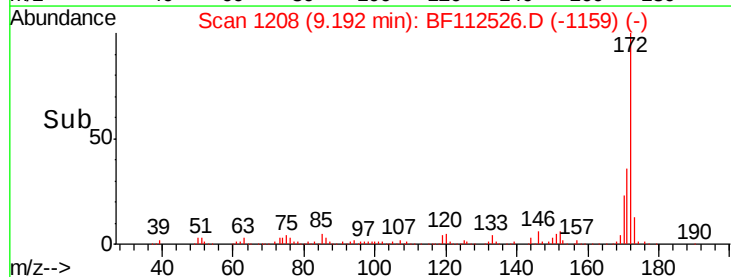
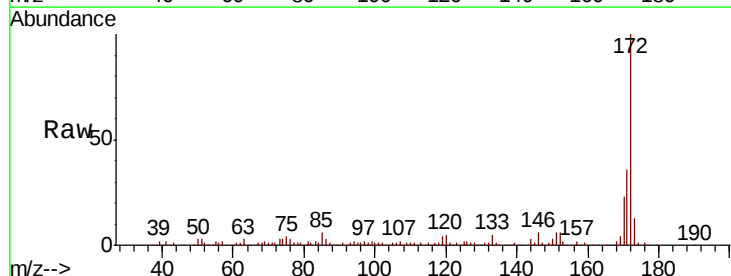
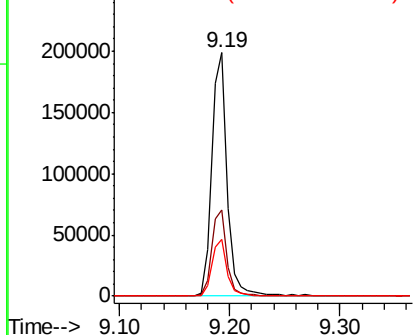
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 17.118 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112526.D
 Acq: 13 Feb 2019 00:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	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





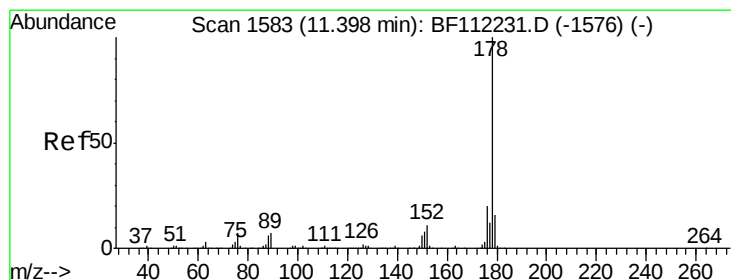
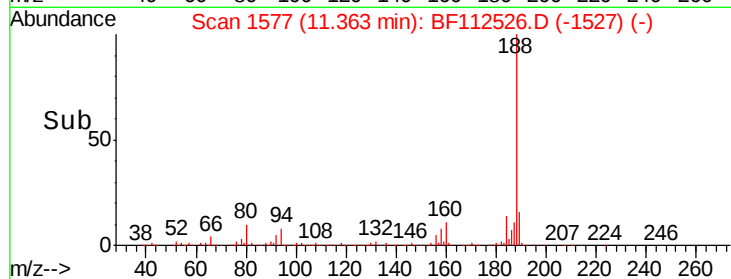
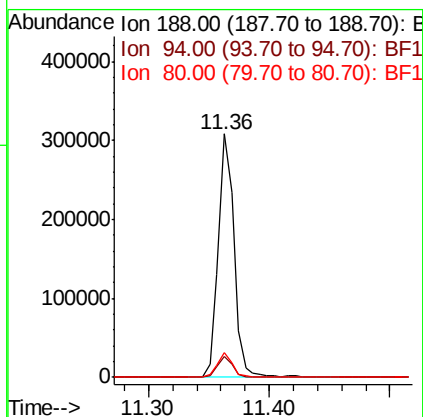
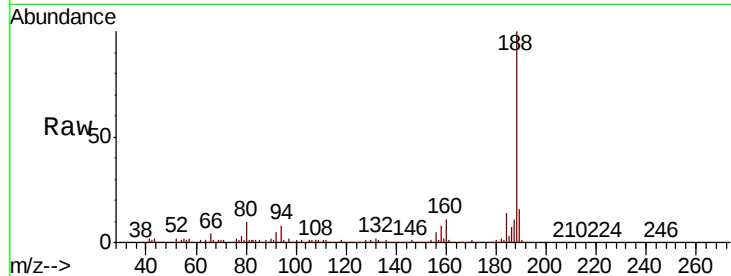
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112526.D
Acq: 13 Feb 2019 00:16

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

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.4	8.2	12.2
80	9.9	8.9	13.3

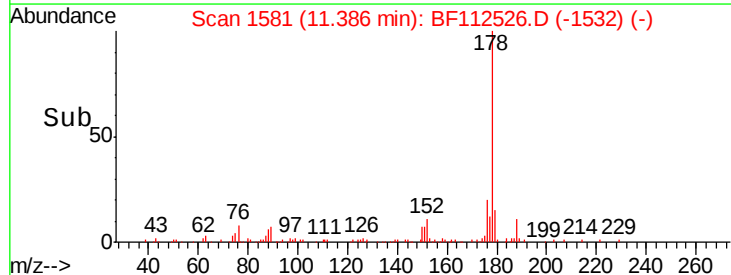
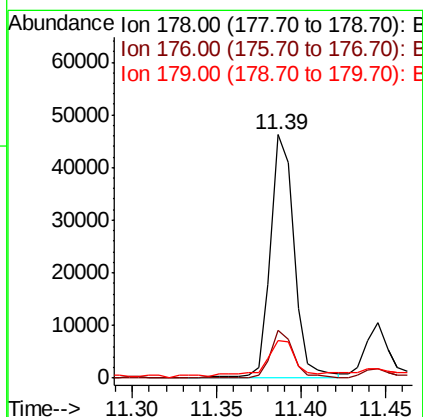
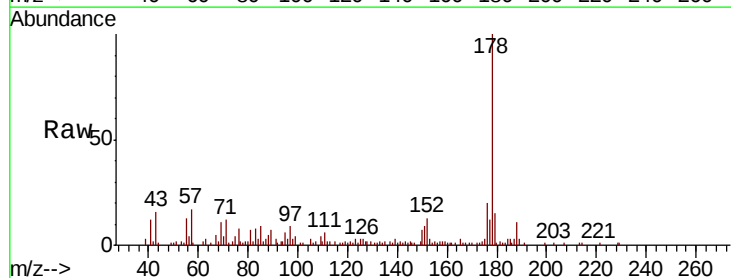
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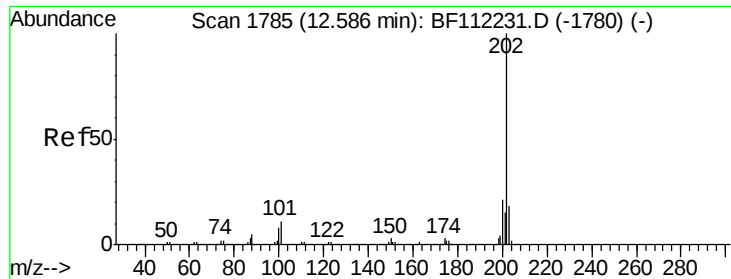
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#71
Phenanthrene
Concen: 3.159 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112526.D
Acq: 13 Feb 2019 00:16

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.6	16.3	24.5
179	15.5	13.0	19.4





#75

Fluoranthene

Concen: 4.402 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF112526.D

Acq: 13 Feb 2019 00:16

Instrument :

BNA_F

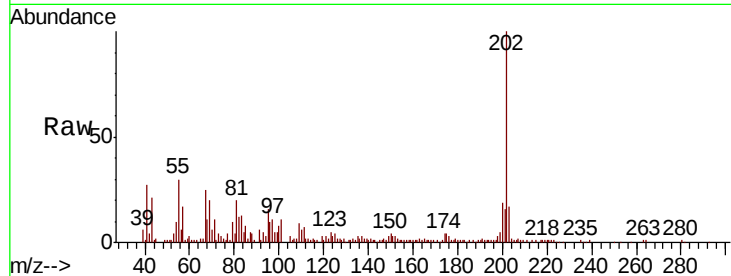
ClientSampleId :

JC-02-021119-J

Tot Ion:	202	Resp:	67832
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	31.8
203	16.5	0.0	38.4

Manual Integrations
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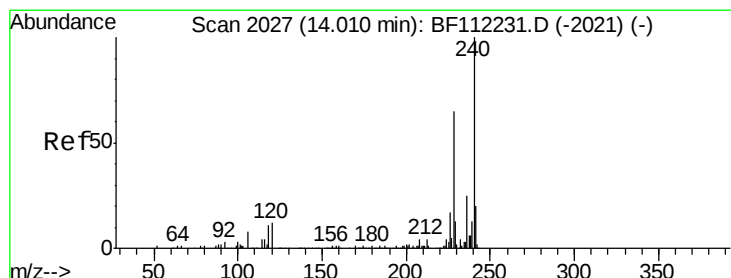
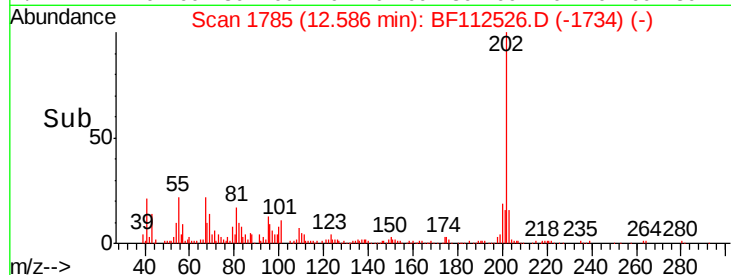
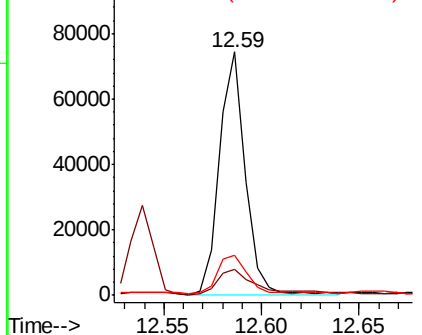


Abundance

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: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF112526.D

Acq: 13 Feb 2019 00:16

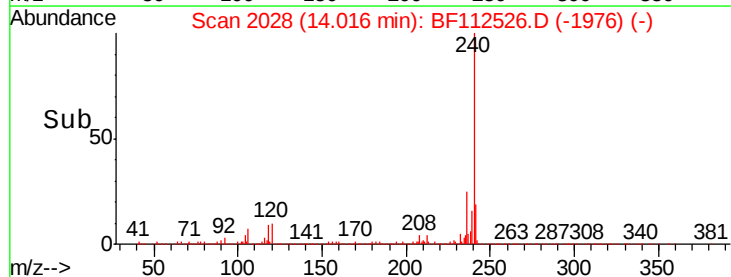
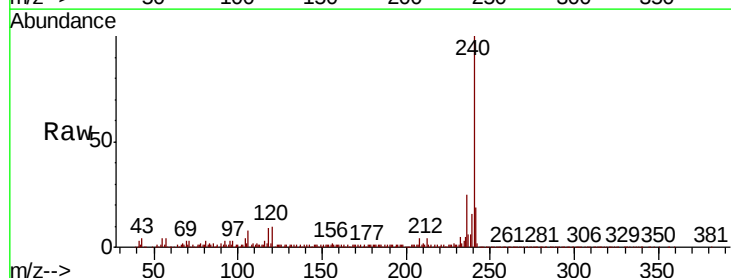
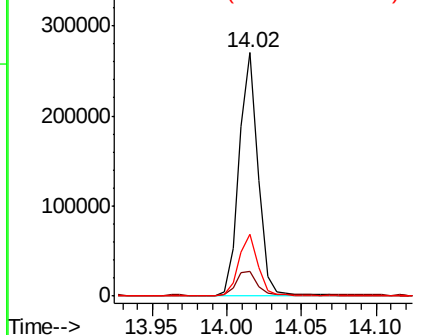
Tgt Ion:	240	Resp:	238516
Ion Ratio	Lower	Upper	
240	100		
120	10.4	9.0	13.6
236	25.2	20.7	31.1

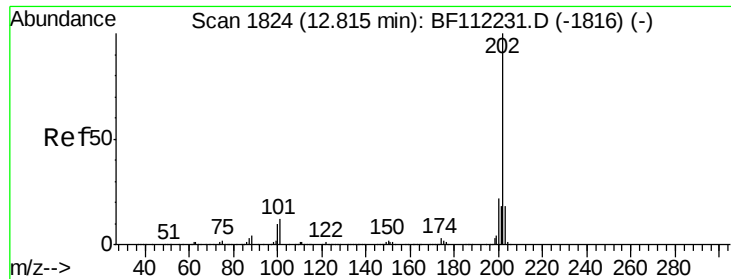
Abundance

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





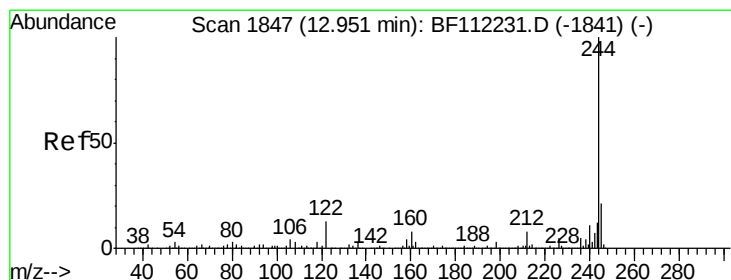
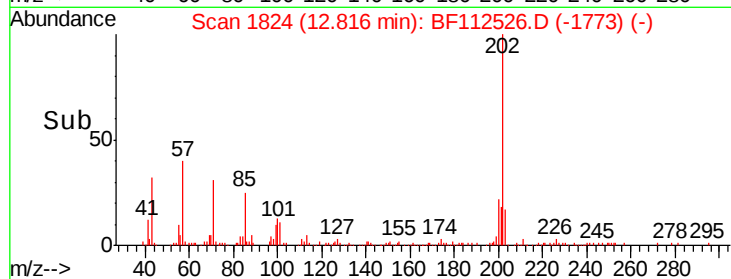
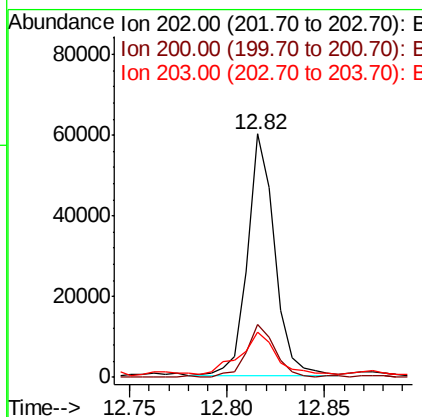
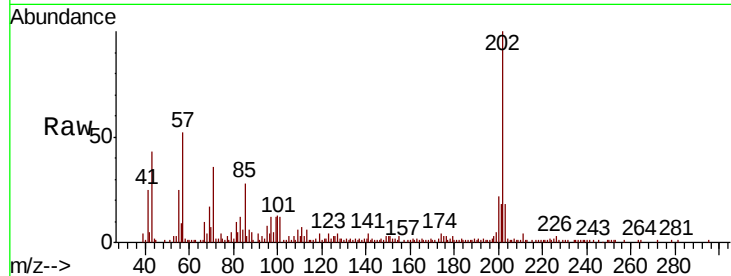
#78
Pvrene
Concen: 3.488 ng
RT: 12.82 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BF112526.D
Acq: 13 Feb 2019 00:16

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

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	18.4	14.6	22.0

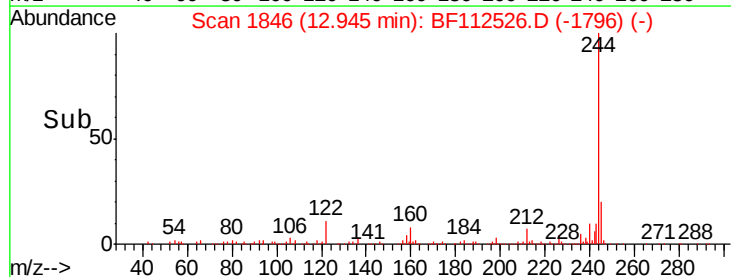
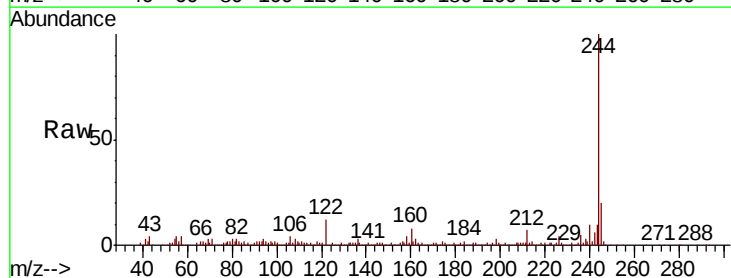
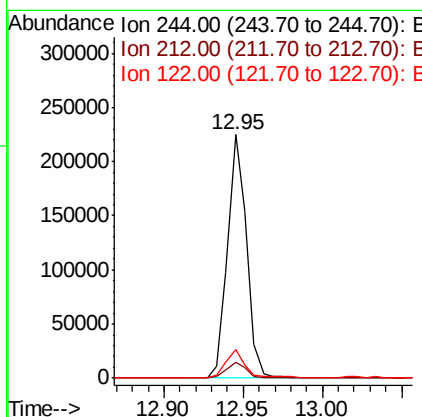
Manual Integrations
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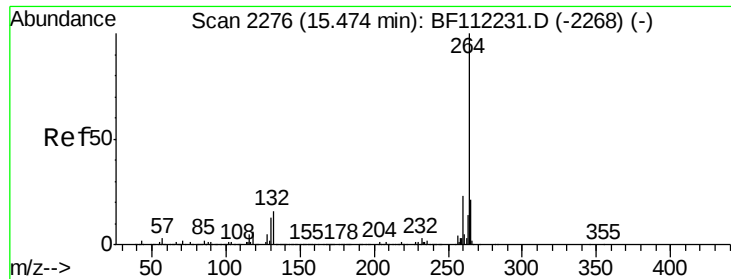
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#79
Terphenyl-d14
Concen: 14.760 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF112526.D
Acq: 13 Feb 2019 00:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.9	8.9
122	11.6	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: BF112526.D

Acq: 13 Feb 2019 00:16

Instrument :

BNA_F

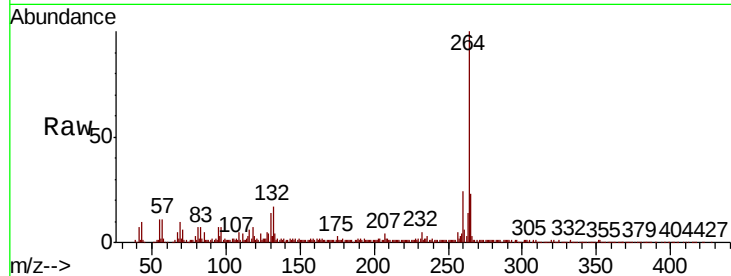
ClientSampleId :

JC-02-021119-J

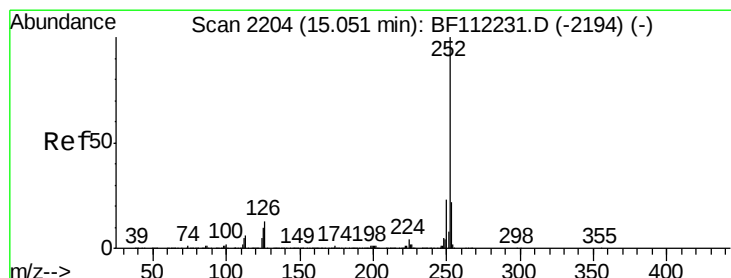
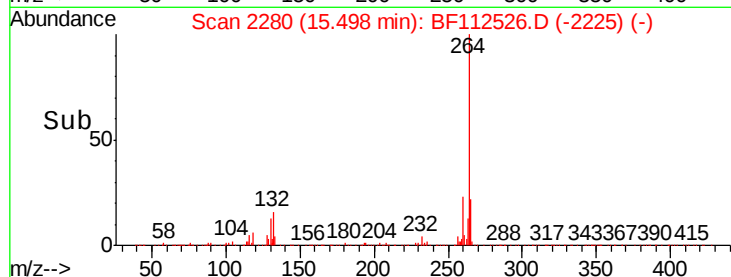
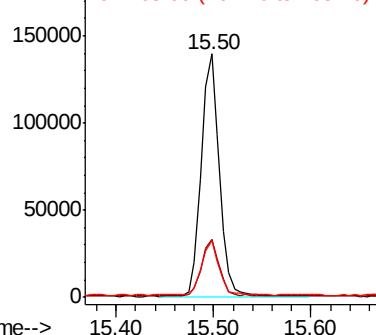
Tot Ion:	264	Resp:	178991
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.2	27.2
265	23.2	17.0	25.4

Manual Integrations
APPROVED

Sohil
2/13/2019 11:12:31 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: 2.258 ng m

RT: 15.07 min Scan# 2207

Delta R.T. 0.02 min

Lab File: BF112526.D

Acq: 13 Feb 2019 00:16

Tgt Ion:	252	Resp:	24167
Ion Ratio	Lower	Upper	
252	100		
253	36.3	18.0	27.0#
125	28.6	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

