

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
 Data File : BF116834.D
 Acq On : 5 Sep 2019 13:35
 Operator : HP/JU
 Sample : K4575-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S703A-N-2.0-2.5-082719

Manual Integrations
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mohammad
 9/10/2019 9:52:11 AM

Quant Time: Sep 05 15:08:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	94513	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	383653	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	196014	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	314664	20.00	ng	0.00
76) Chrysene-d12	14.00	240	230259	20.00	ng	0.00
87) Perylene-d12	15.46	264	208631	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	466002	79.88	ng	0.00
7) Phenol-d6	6.48	99	642712	83.90	ng	0.00
23) Nitrobenzene-d5	7.40	82	385357	57.34	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	125605	95.85	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	662570	57.02	ng	0.00
79) Terphenyl-d14	12.94	244	548176	44.04	ng	0.00
Target Compounds						
10) Phenol	6.49	94	17805	2.099	ng	98
50) Dimethylphthalate	9.59	163	67370	4.978	ng	100
71) Phenanthrene	11.39	178	37756	2.155	ng	98
75) Fluoranthene	12.57	202	67947	3.947	ng	99
78) Pyrene	12.80	202	59024	2.884	ng	99
88) Benzo(b)fluoranthene	15.03	252	31410m	2.490	ng	

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

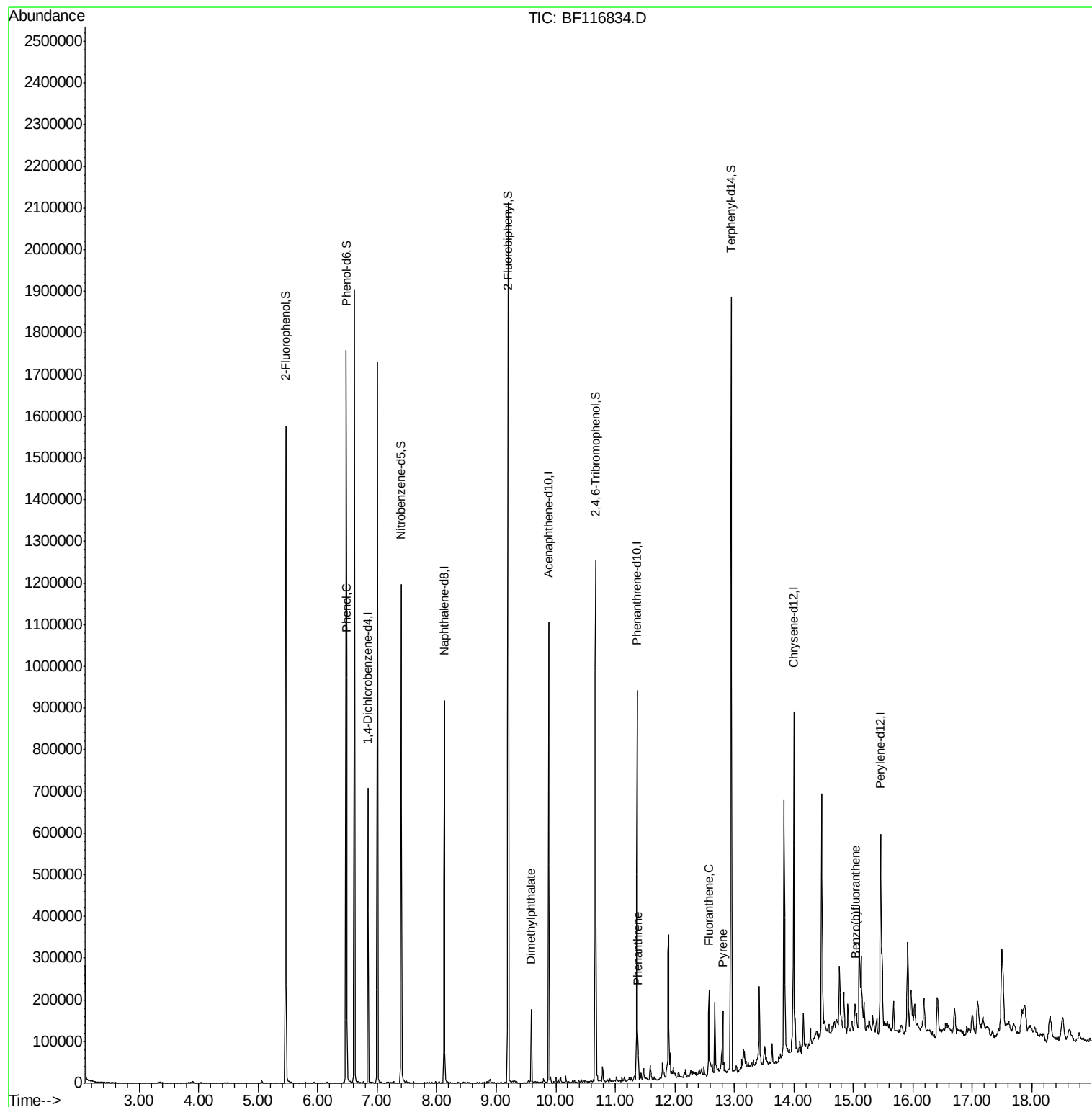
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116834.D
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ALS Vial : 8 Sample Multiplier: 1

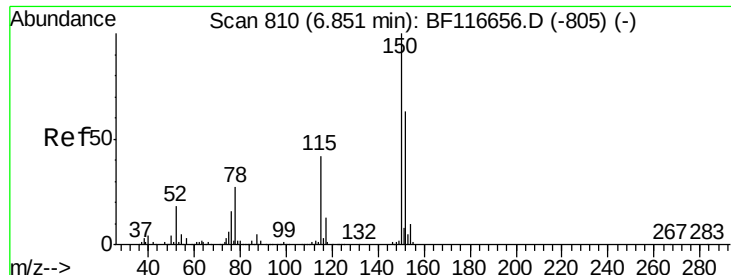
Instrument :
BNA_F
ClientSampleId :
S703A-N-2.0-2.5-082719

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#1

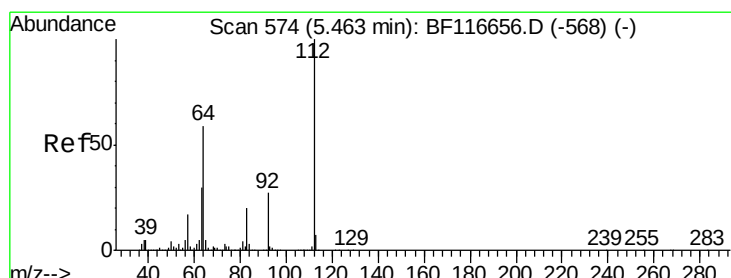
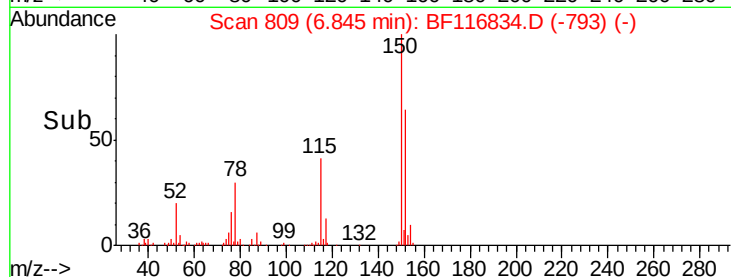
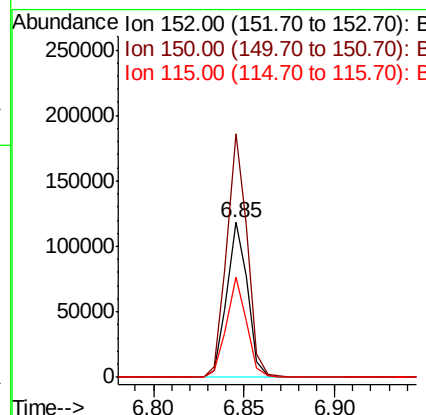
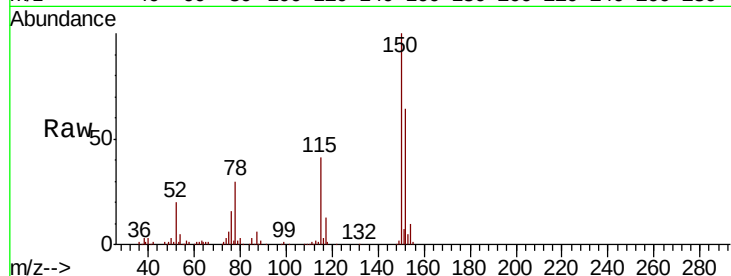
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116834.D
Acq: 5 Sep 2019 13:35

Instrument :
BNA_F
ClientSampleId :
S703A-N-2.0-2.5-082719

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.4	186.6
115	64.6	49.9	74.9

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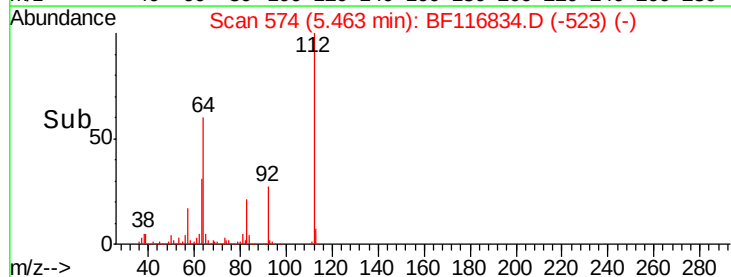
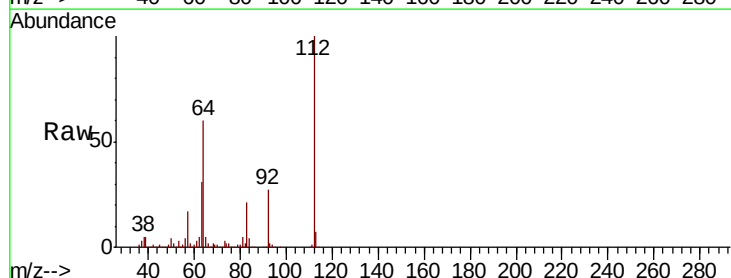
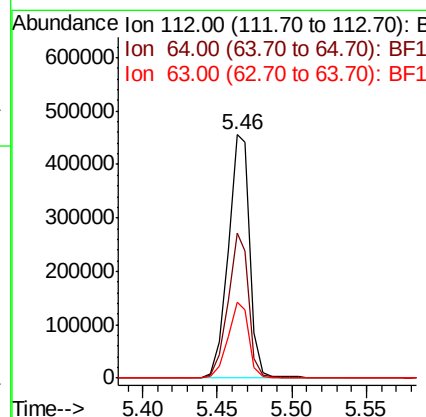
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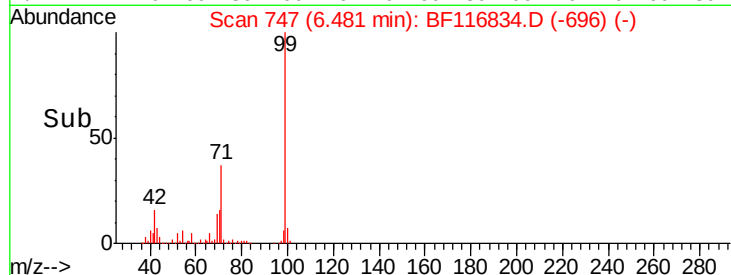
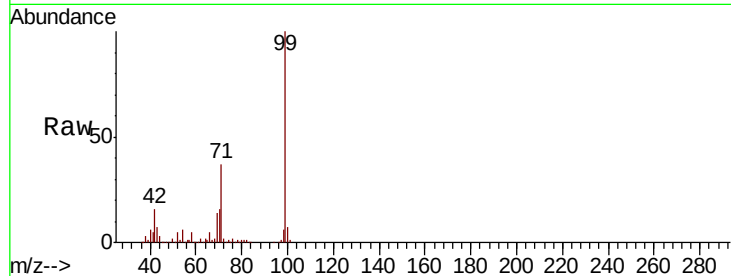
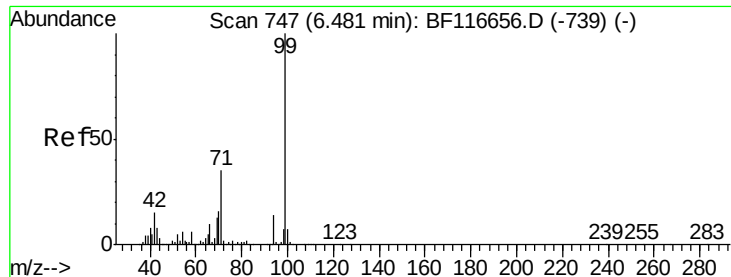


#5

2-Fluorophenol
Concen: 79.878 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF116834.D
Acq: 5 Sep 2019 13:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.1	70.7
63	31.4	24.9	37.3





#7

Phenol-d6

Concen: 83.898 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF116834.D

Acq: 5 Sep 2019 13:35

Tot Ion:	99	Resp:	642712
Ion Ratio	Lower	Upper	
99	100		
42	15.7	13.7	20.5
71	36.8	30.8	46.2

Instrument :

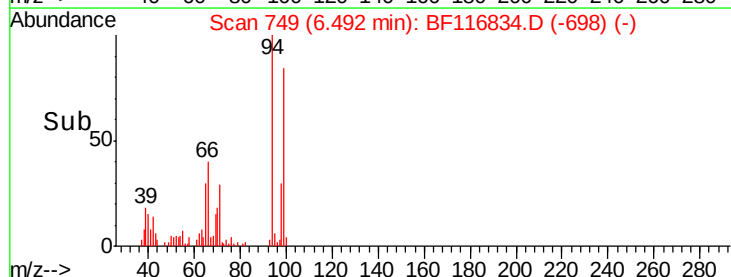
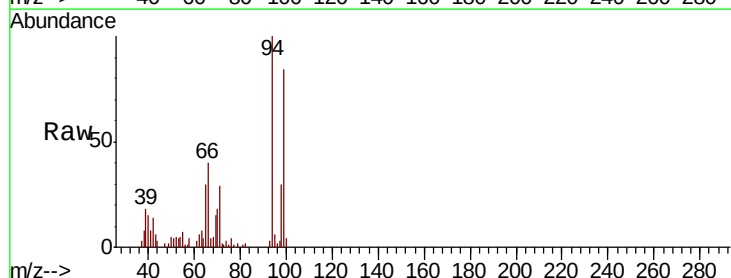
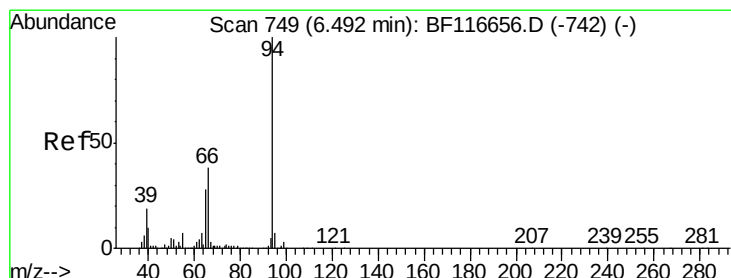
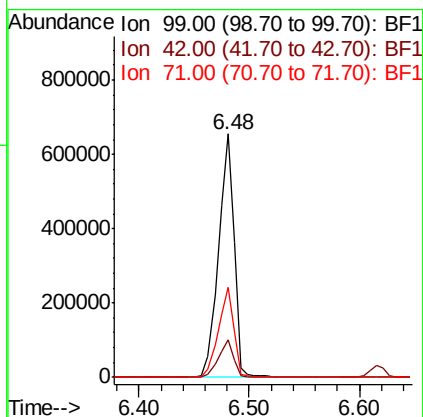
BNA_F

ClientSampleId :

S703A-N-2.0-2.5-082719

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#10

Phenol

Concen: 2.099 ng

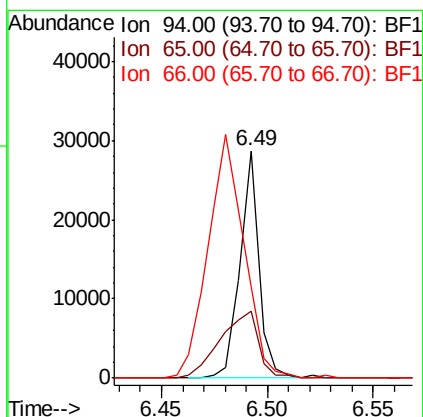
RT: 6.49 min Scan# 749

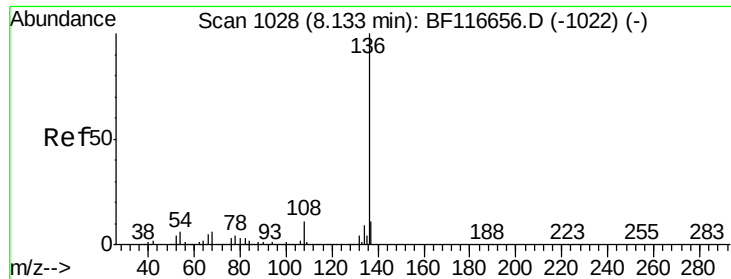
Delta R.T. -0.00 min

Lab File: BF116834.D

Acq: 5 Sep 2019 13:35

Tgt Ion:	94	Resp:	17805
Ion Ratio	Lower	Upper	
94	100		
65	29.6	10.8	50.8
66	40.4	21.1	61.1





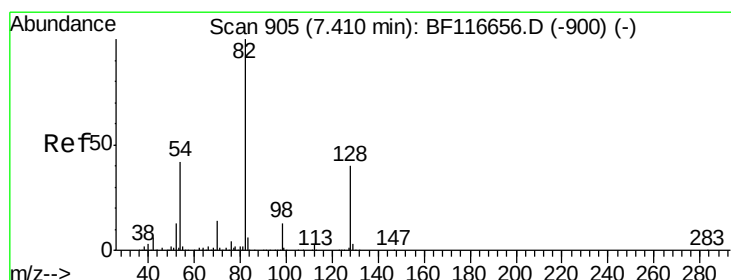
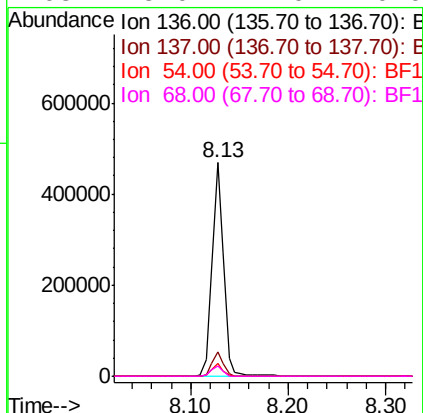
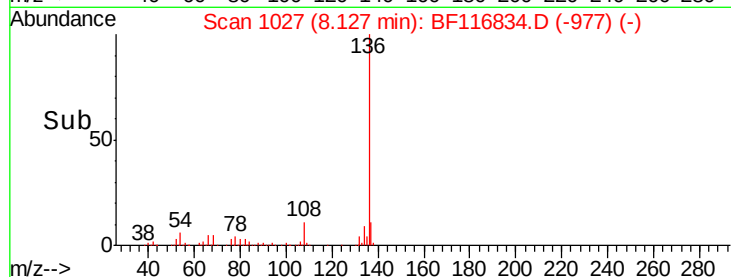
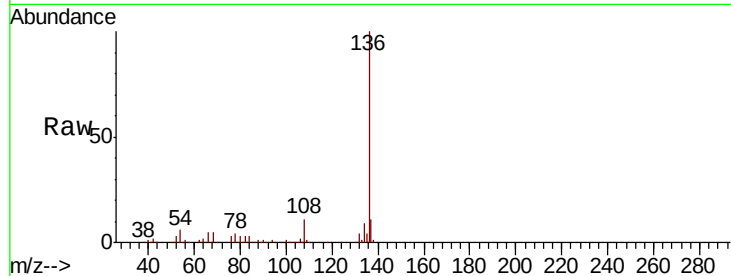
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116834.D
Acq: 5 Sep 2019 13:35

Instrument :
BNA_F
ClientSampleId :
S703A-N-2.0-2.5-082719

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		383653		
137	11.2	8.9	13.3		
54	5.7	4.8	7.2		
68	5.0	4.0	6.0		

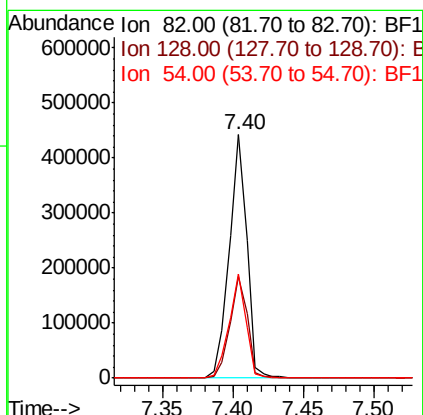
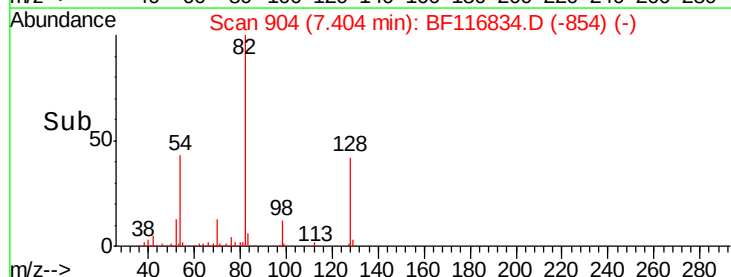
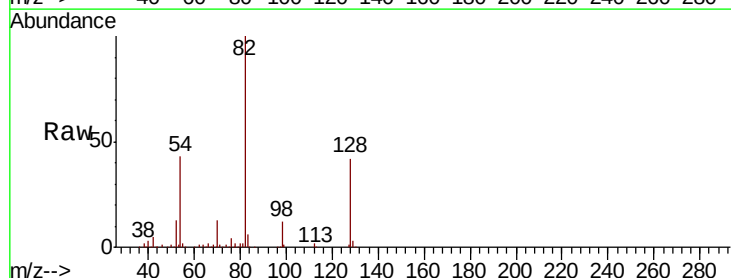
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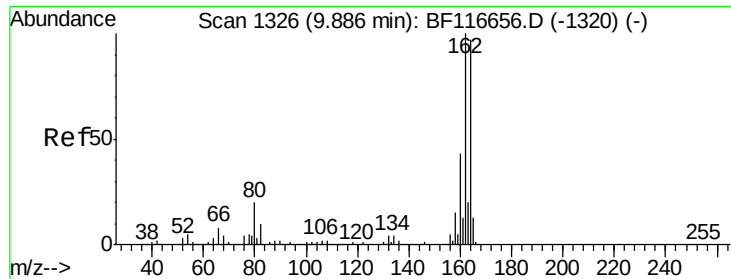
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#23
Nitrobenzene-d5
Concen: 57.341 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116834.D
Acq: 5 Sep 2019 13:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		385357		
128	41.6	32.8	49.2		
54	42.8	36.9	55.3		





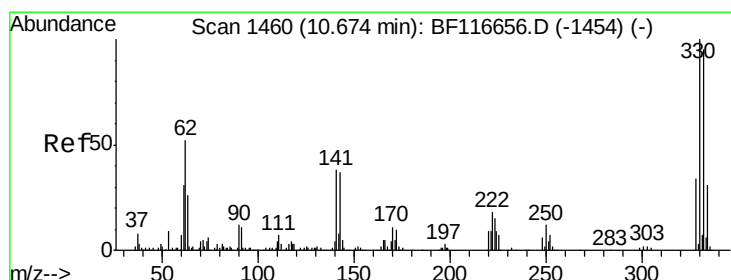
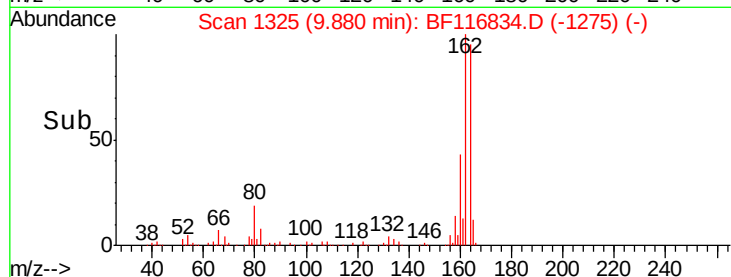
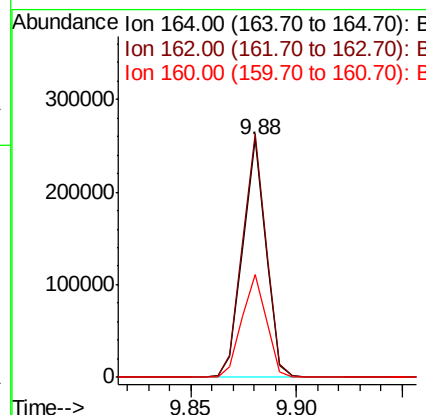
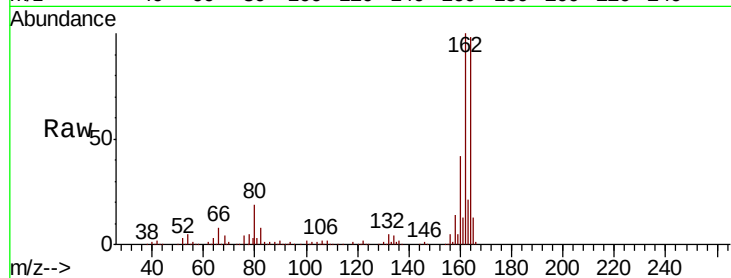
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116834.D
Acq: 5 Sep 2019 13:35

Instrument :
BNA_F
ClientSampleId :
S703A-N-2.0-2.5-082719

Tot Ion	Ratio	Resp	Lower	Upper
164	100	196014		
162	102.2	81.4	122.0	
160	43.4	35.4	53.2	

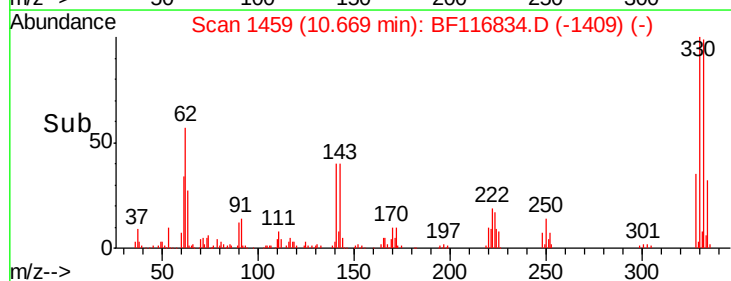
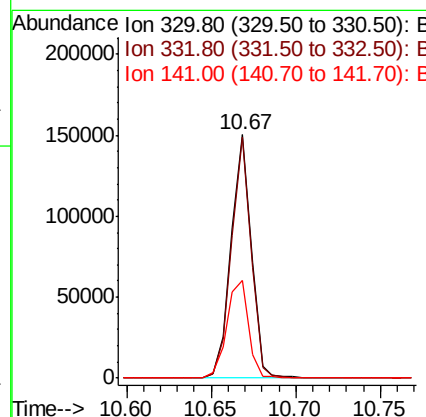
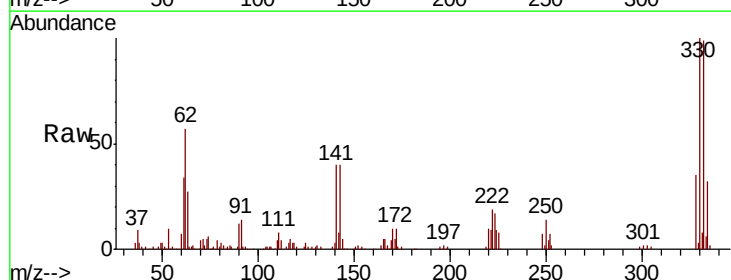
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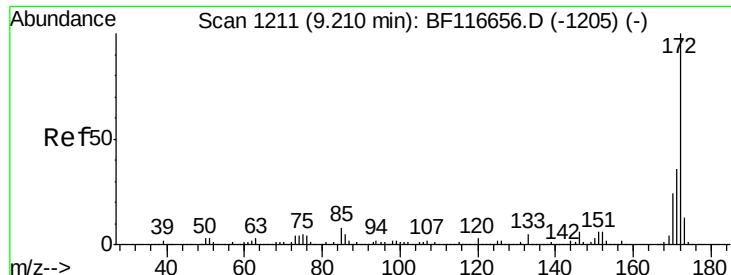
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#42
2,4,6-Tribromophenol
Concen: 95.853 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116834.D
Acq: 5 Sep 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	125605		
332	96.5	76.9	115.3	
141	43.2	31.4	47.2	





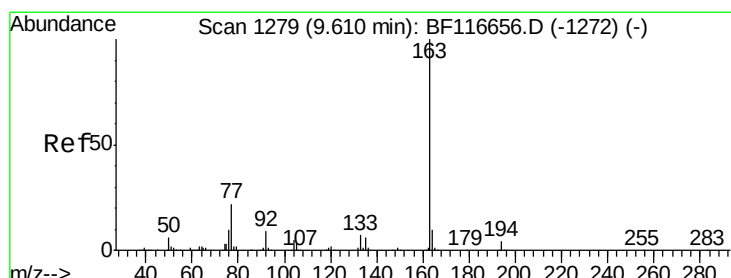
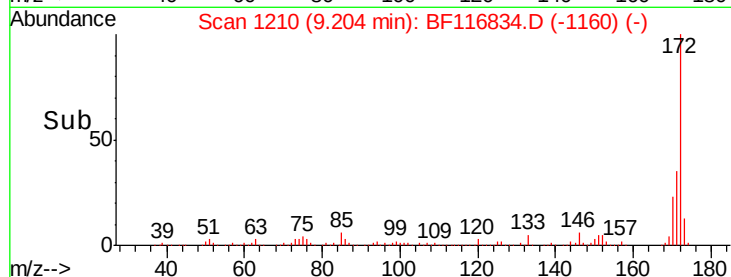
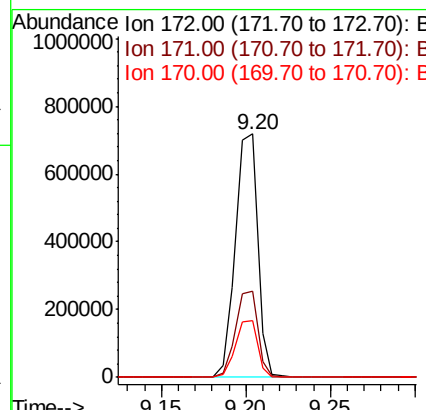
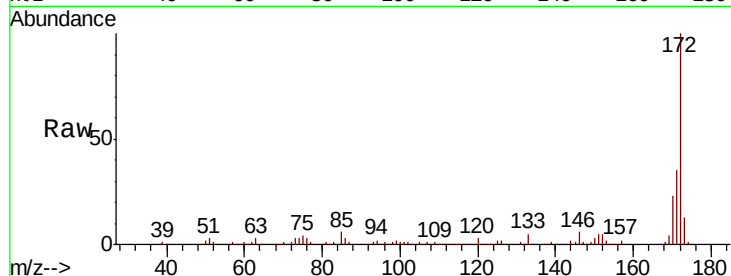
#45
2-Fluorobiphenyl
Concen: 57.021 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116834.D
Acq: 5 Sep 2019 13:35

Instrument :
BNA_F
ClientSampleId :
S703A-N-2.0-2.5-082719

Tot Ion	Ratio	Resp	Lower	Upper
172	100	662570		
171	35.5		27.8	41.6
170	23.2		18.9	28.3

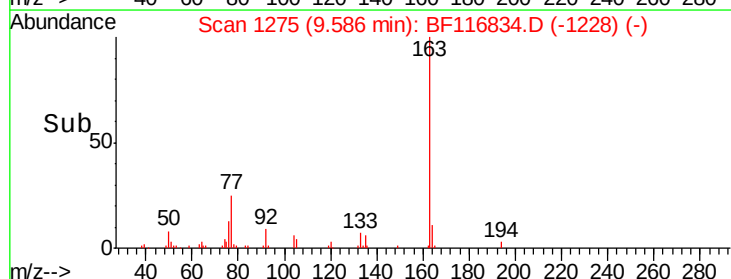
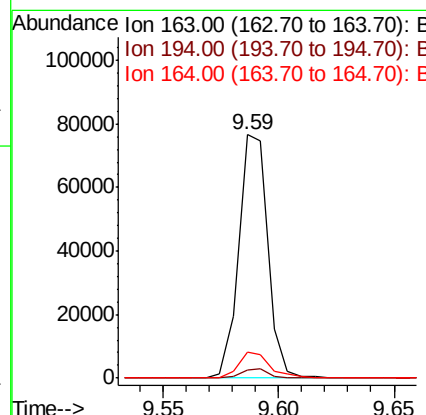
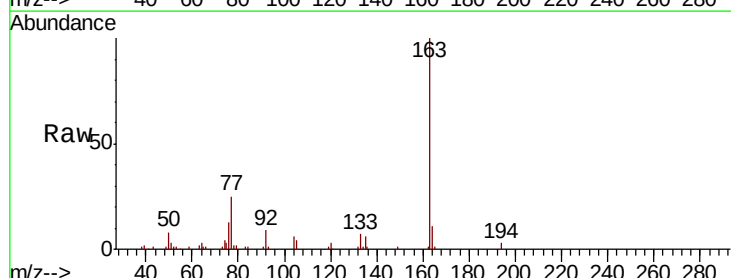
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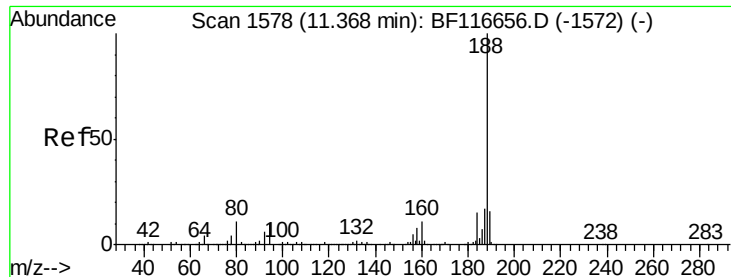
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#50
Dimethylphthalate
Concen: 4.978 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116834.D
Acq: 5 Sep 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	67370		
194	3.4		2.8	4.2
164	10.9		8.6	12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF116834.D

Acq: 5 Sep 2019 13:35

Instrument :

BNA_F

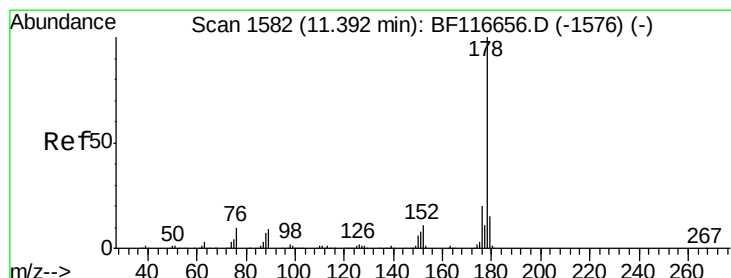
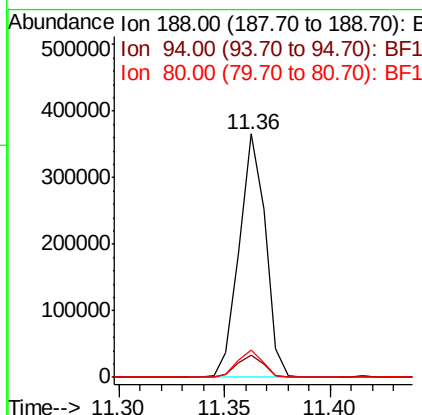
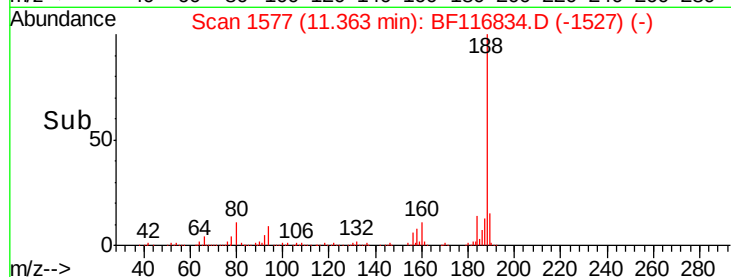
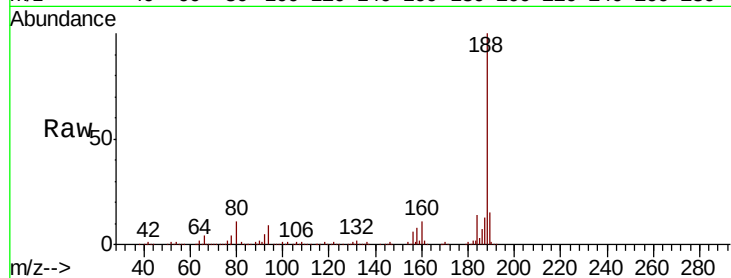
ClientSampleId :

S703A-N-2.0-2.5-082719

Tot Ion:	188	Resp:	314664
Ion Ratio	Lower	Upper	
188	100		
94	9.3	7.3	10.9
80	11.4	8.4	12.6

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#71

Phenanthrene

Concen: 2.155 ng

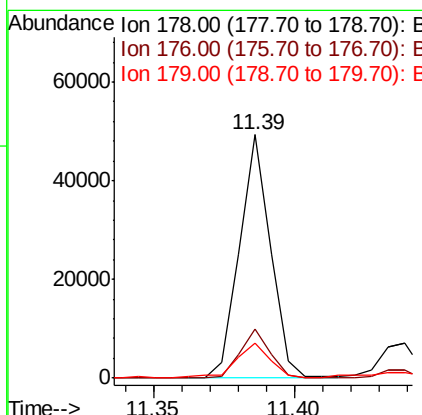
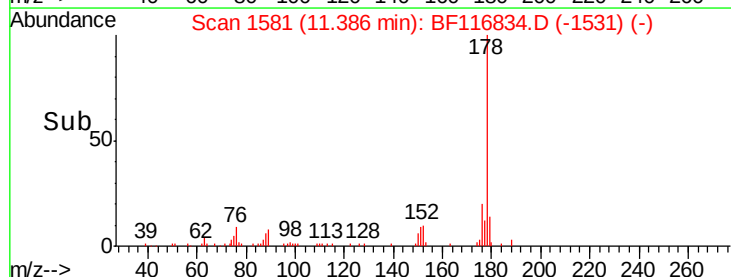
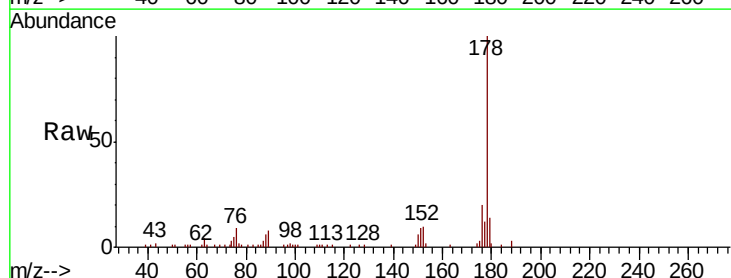
RT: 11.39 min Scan# 1581

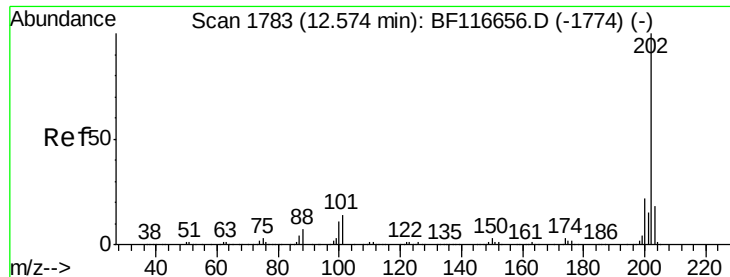
Delta R.T. -0.01 min

Lab File: BF116834.D

Acq: 5 Sep 2019 13:35

Tgt Ion:	178	Resp:	37756
Ion Ratio	Lower	Upper	
178	100		
176	20.0	15.4	23.0
179	14.4	12.2	18.2





#75

Fluoranthene

Concen: 3.947 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF116834.D

Acq: 5 Sep 2019 13:35

Instrument :

BNA_F

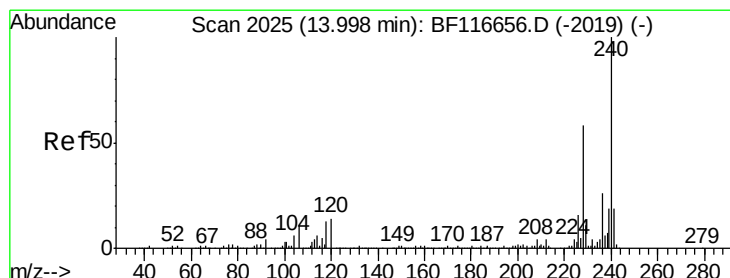
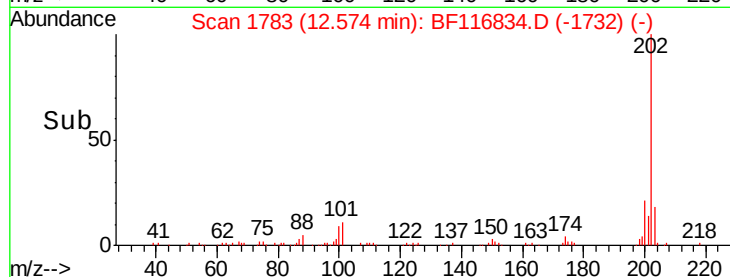
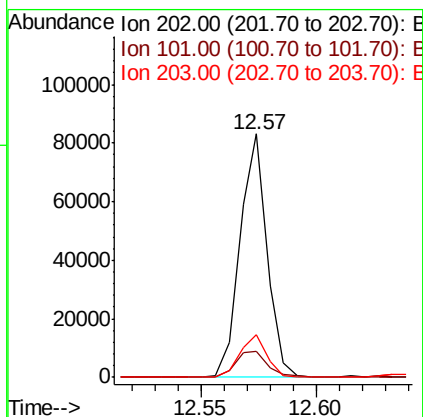
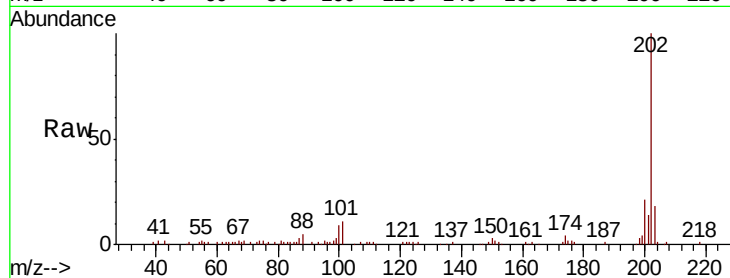
ClientSampleId :

S703A-N-2.0-2.5-082719

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		67947		
101	10.6	0.0	31.3		
203	17.6	0.0	37.6		

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#76

Chrysene-d12

Concen: 20.000 ng

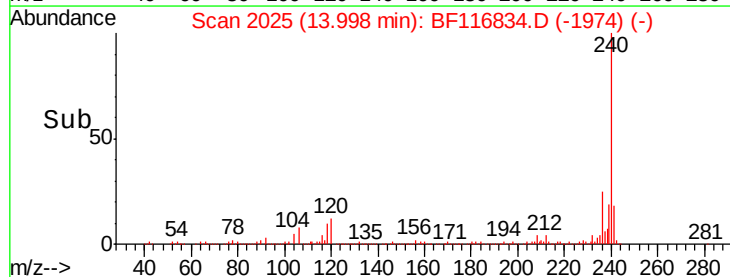
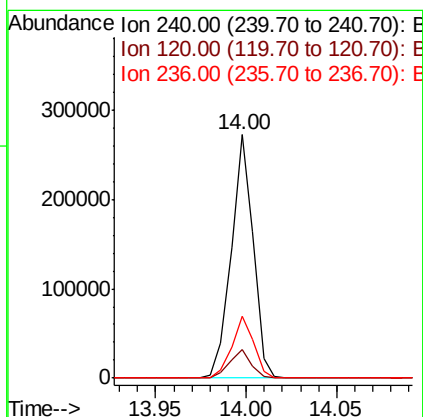
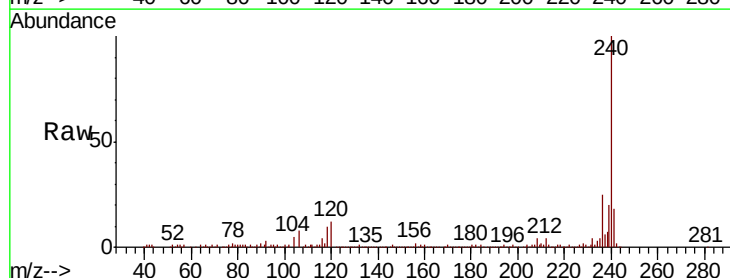
RT: 14.00 min Scan# 2025

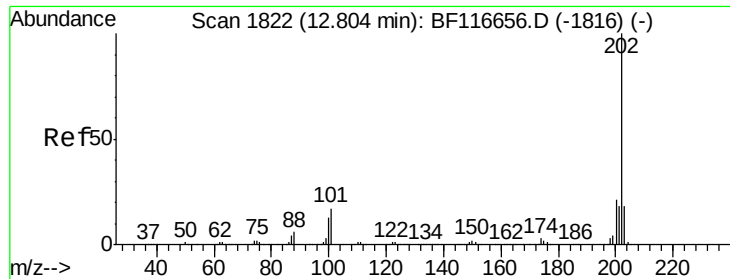
Delta R.T. -0.00 min

Lab File: BF116834.D

Acq: 5 Sep 2019 13:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		230259		
120	12.0	9.1	13.7		
236	25.4	21.1	31.7		





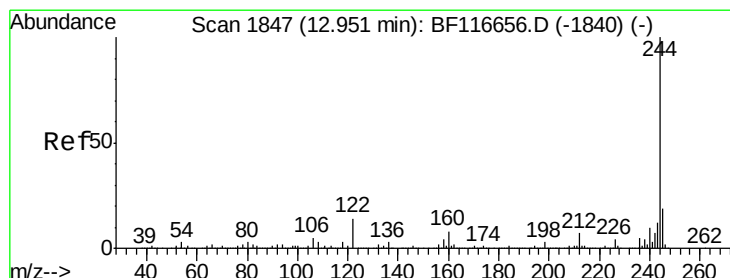
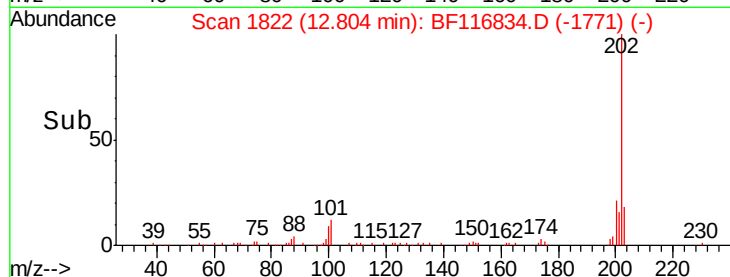
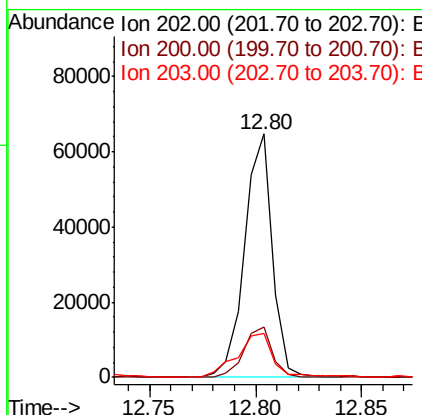
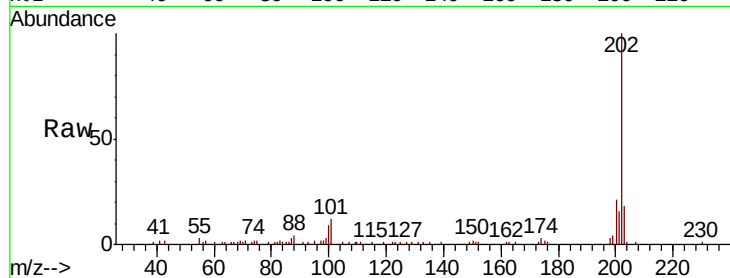
#78
Pvrene
Concen: 2.884 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BF116834.D
Acq: 5 Sep 2019 13:35

Instrument :
BNA_F
ClientSampleId :
S703A-N-2.0-2.5-082719

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.5	24.7
203	17.9	13.7	20.5

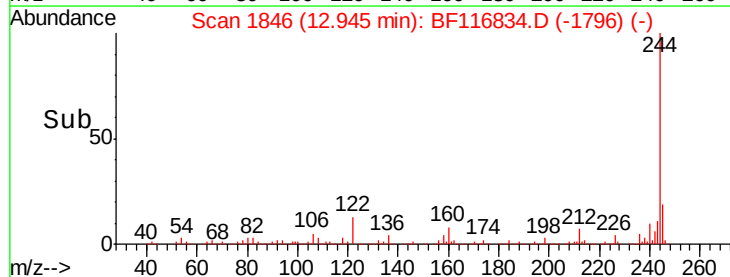
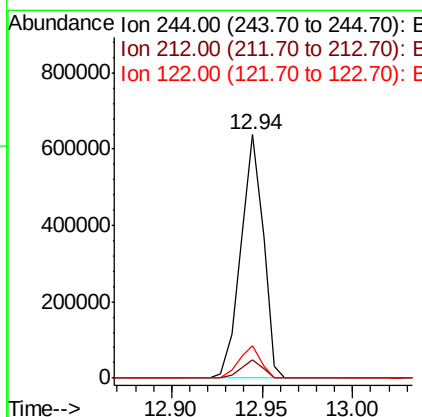
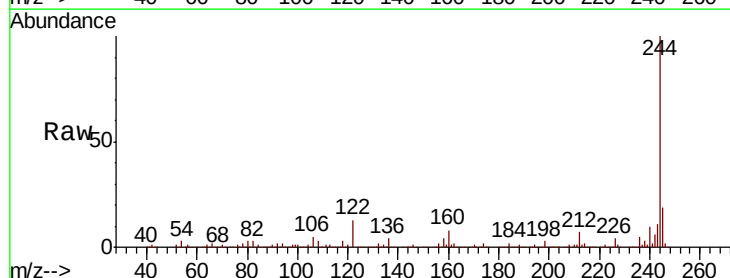
Manual Integrations
APPROVED

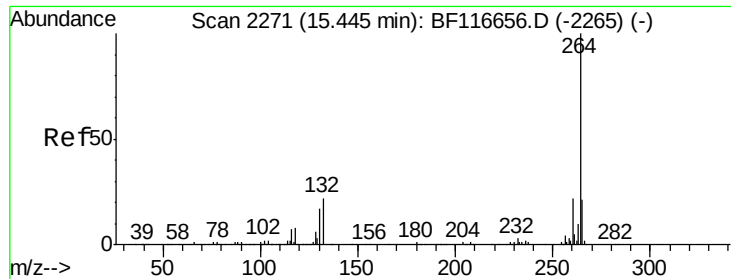
mohammad
9/10/2019 9:52:11 AM



#79
Terphenyl-d14
Concen: 44.041 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116834.D
Acq: 5 Sep 2019 13:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	13.3	10.2	15.4





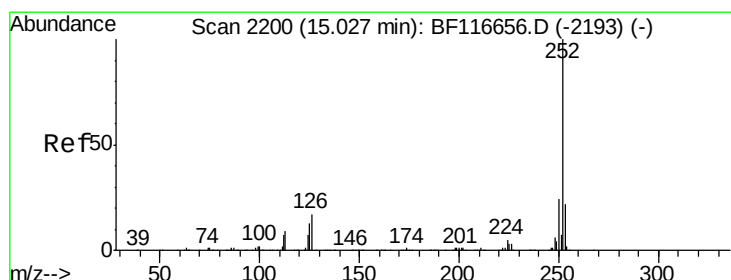
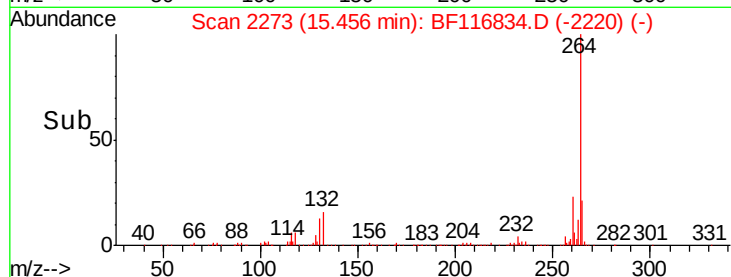
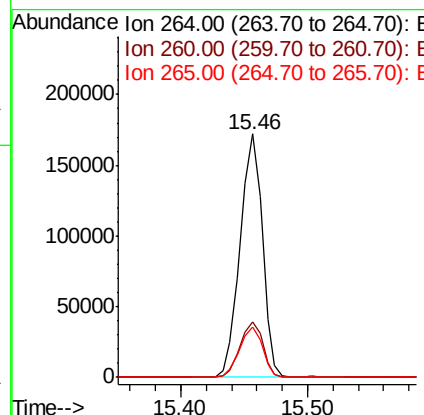
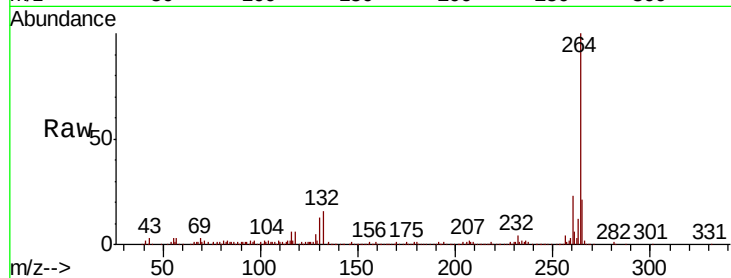
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF116834.D
Acq: 5 Sep 2019 13:35

Instrument :
BNA_F
ClientSampleId :
S703A-N-2.0-2.5-082719

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.3	27.5
265	20.8	16.5	24.7

Manual Integrations
APPROVED

mohammad
9/10/2019 9:52:11 AM



#88
Benzo(b)fluoranthene
Concen: 2.490 ng m
RT: 15.03 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BF116834.D
Acq: 5 Sep 2019 13:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.7	26.5
125	18.4	8.2	12.2#

