

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117131.D
 Acq On : 18 Sep 2019 2:10
 Operator : HP/JU
 Sample : K4923-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-51-COMP

Manual Integrations
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mohammad
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Quant Time: Sep 18 05:34:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	63136	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	253102	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	131658	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	223957	20.00	ng	0.00
76) Chrysene-d12	13.96	240	144919	20.00	ng	-0.01
87) Perylene-d12	15.41	264	131749	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	360520	89.15	ng	0.00
7) Phenol-d6	6.46	99	508216	97.24	ng	0.00
23) Nitrobenzene-d5	7.38	82	317123	65.83	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	106192	96.51	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	567685	67.42	ng	0.00
79) Terphenyl-d14	12.91	244	539982	69.65	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.57	163	82511	8.851	ng	97
75) Fluoranthene	12.55	202	50501	3.864	ng	97
78) Pyrene	12.77	202	43455	3.574	ng	97
88) Benzo(b)fluoranthene	15.00	252	19097m	2.393	ng	

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

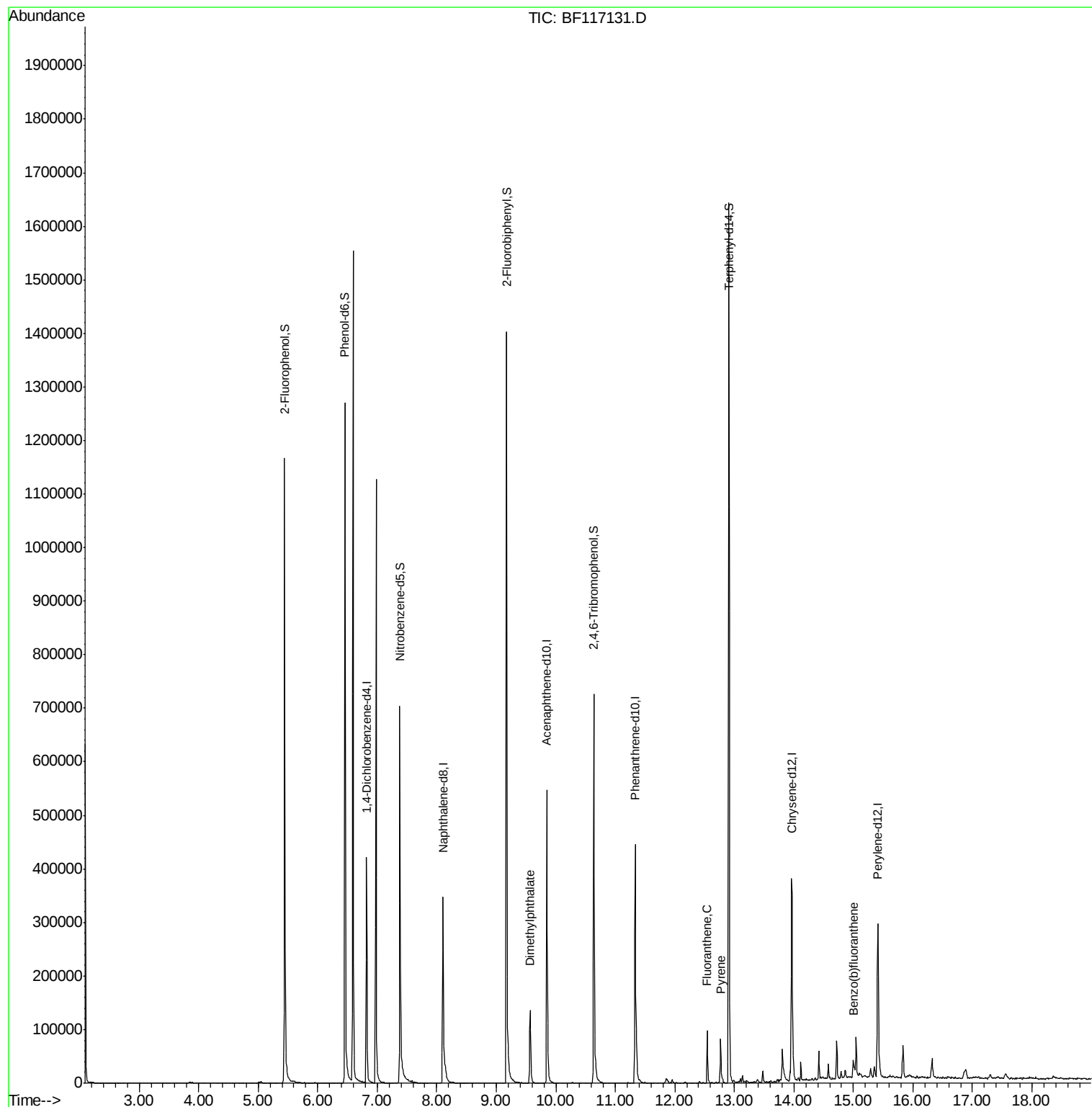
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
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ALS Vial : 22 Sample Multiplier: 1

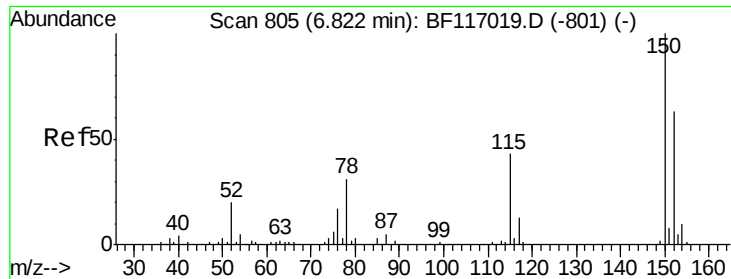
Instrument :
BNA_F
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#1

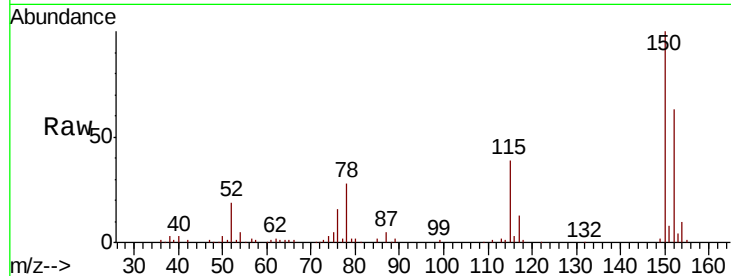
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117131.D
Acq: 18 Sep 2019 2:10

Instrument :
BNA_F
ClientSampleId :
SB-51-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	127.5	191.3
115	62.0	55.0	82.4

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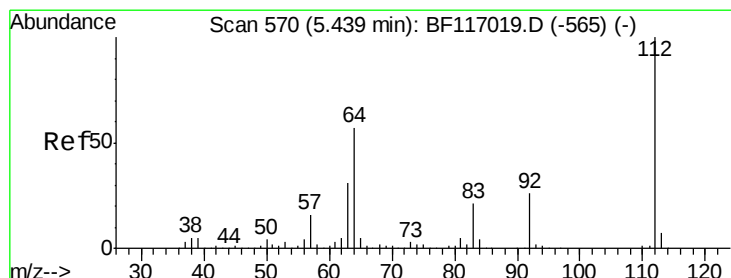
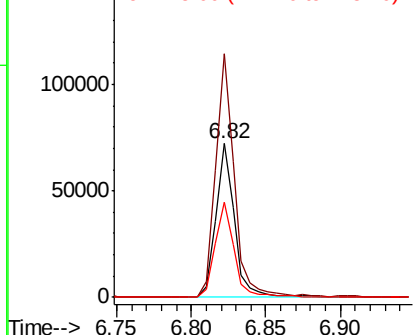
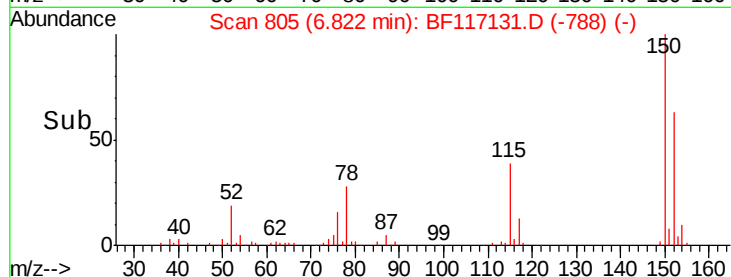


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

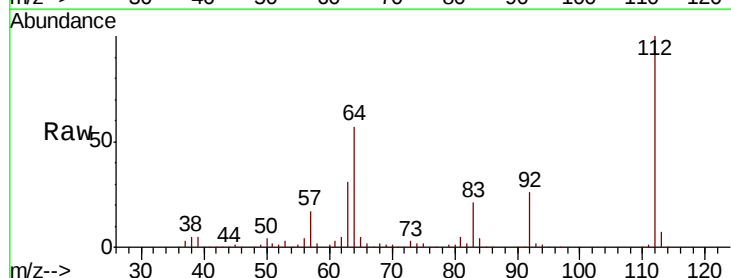
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 89.151 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117131.D
Acq: 18 Sep 2019 2:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	45.7	68.5
63	31.2	24.9	37.3

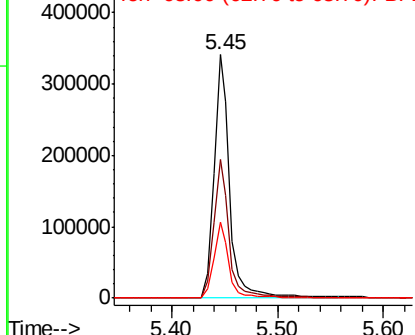
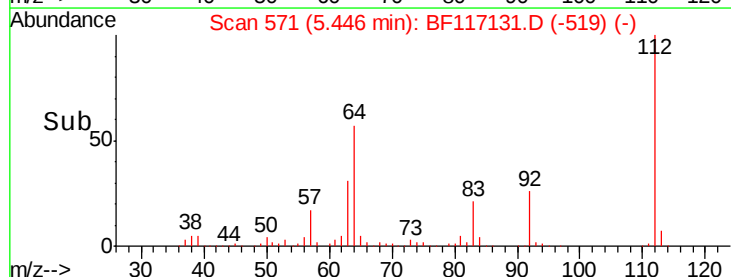


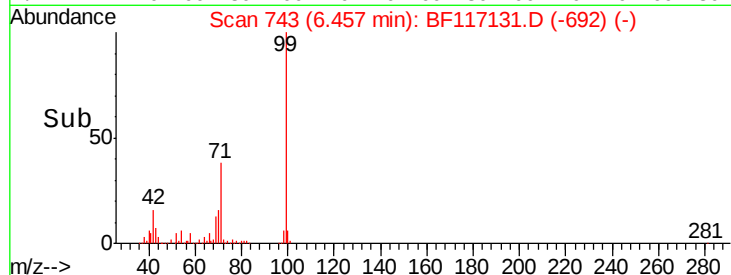
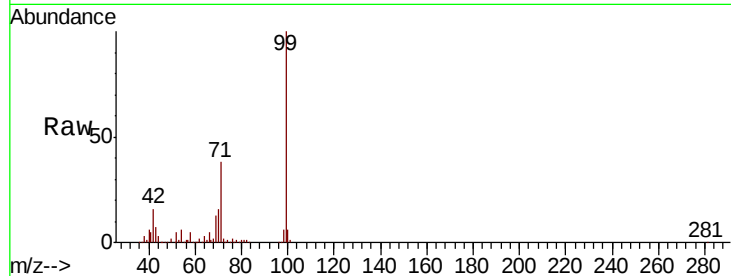
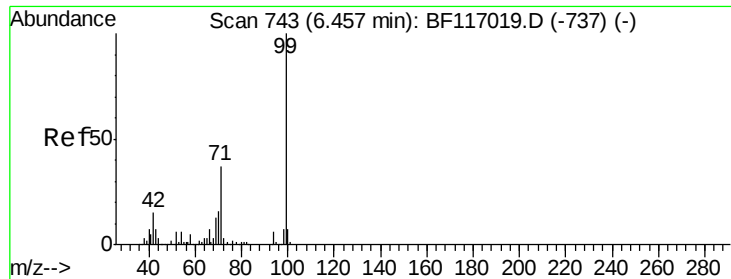
Abundance

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: 97.243 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117131.D

Acq: 18 Sep 2019 2:10

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		508216		
42	15.6	12.2	18.2		
71	38.0	29.8	44.8		

Instrument :

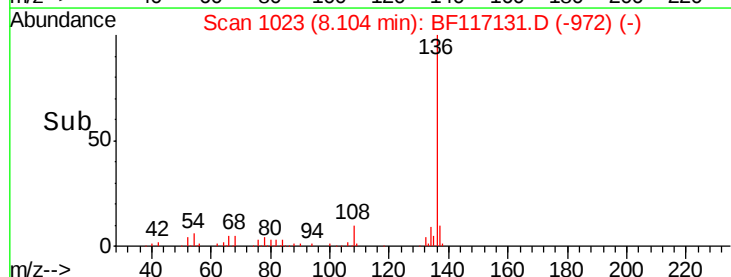
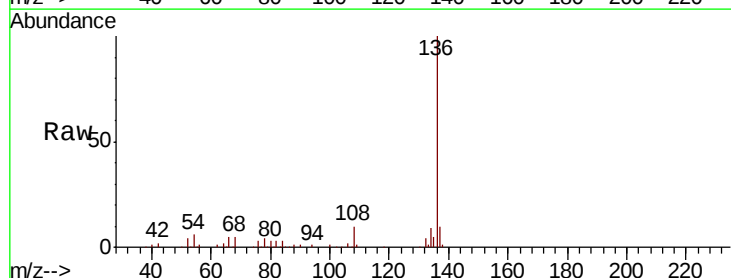
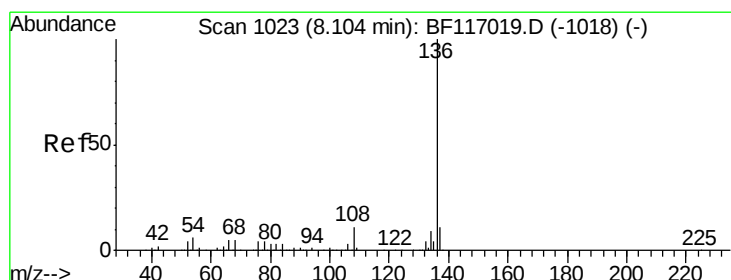
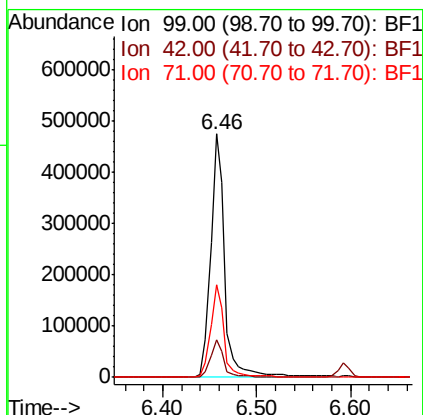
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ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.000 ng

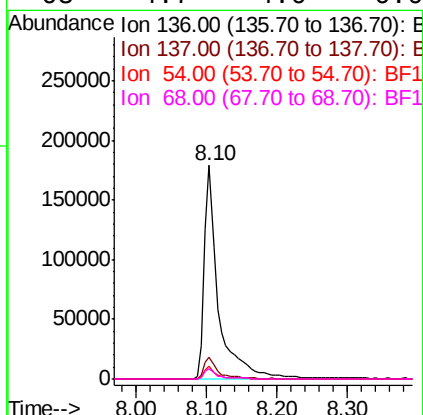
RT: 8.10 min Scan# 1023

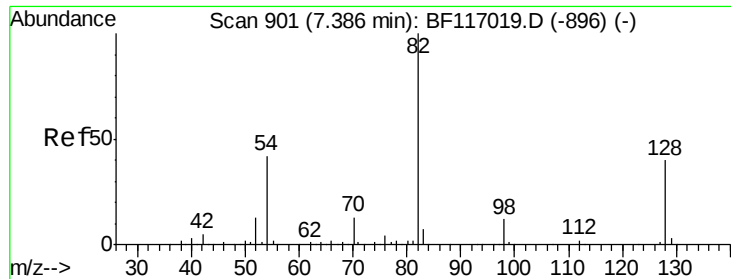
Delta R.T. 0.00 min

Lab File: BF117131.D

Acq: 18 Sep 2019 2:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		253102		
137	10.4	9.0	13.4		
54	5.7	4.5	6.7		
68	4.7	4.0	6.0		





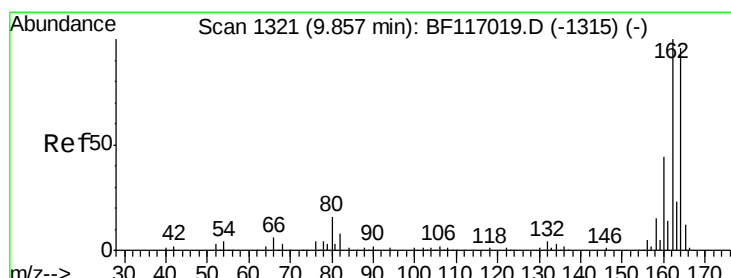
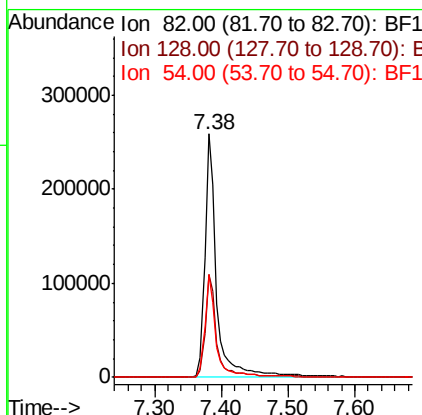
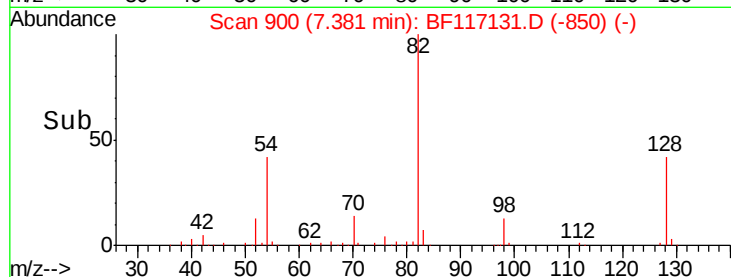
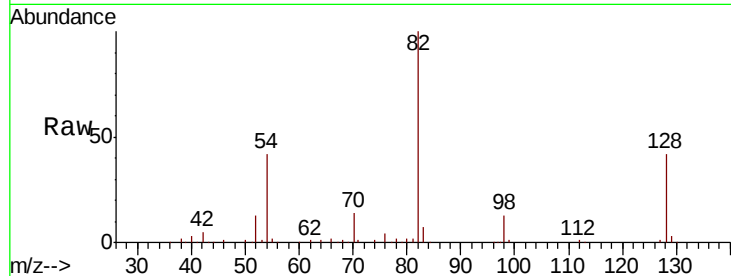
#23
 Nitrobenzene-d5
 Concen: 65.833 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF117131.D
 Acq: 18 Sep 2019 2:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-51-COMP

Tot Ion	Ratio	Resp	Lower	Upper
82	100	317123		
128	42.2	32.3	48.5	
54	42.3	33.3	49.9	

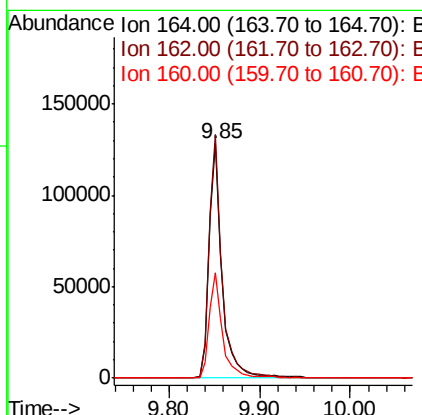
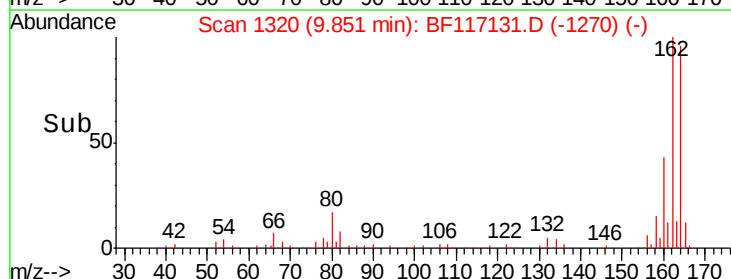
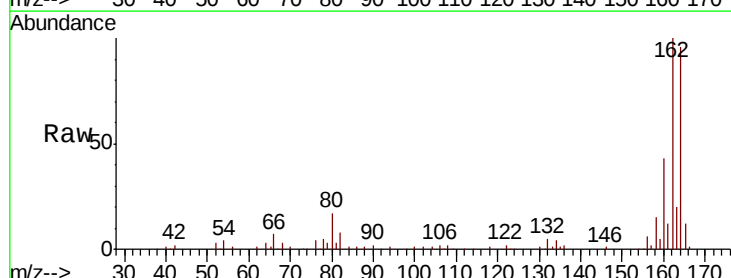
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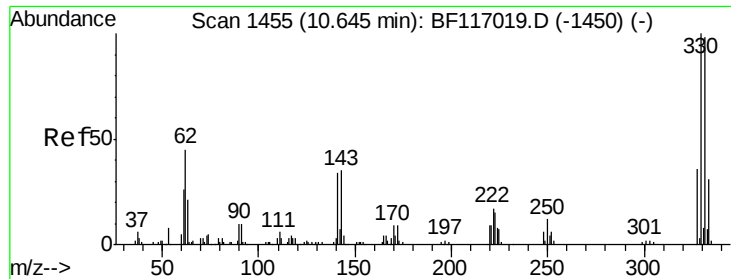
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF117131.D
 Acq: 18 Sep 2019 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	131658		
162	104.0	83.4	125.2	
160	44.9	36.4	54.6	





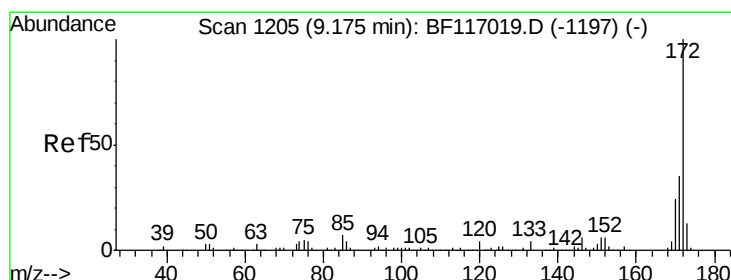
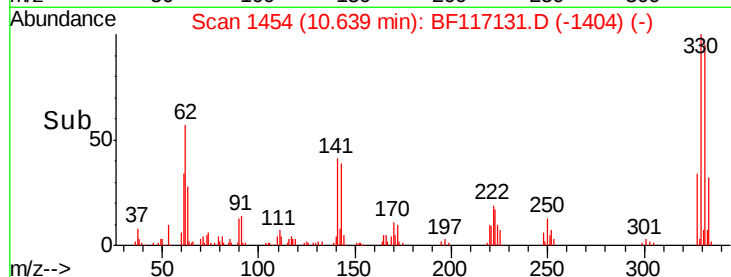
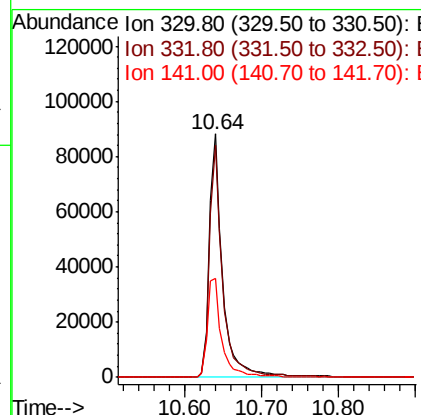
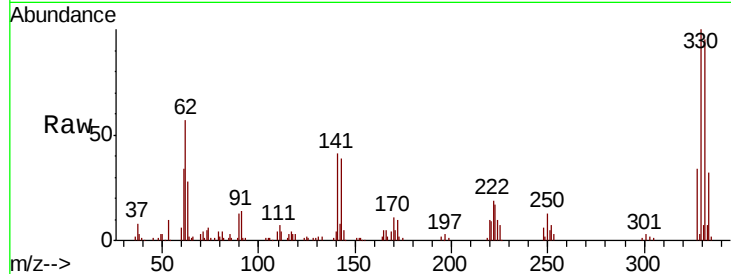
#42
 2,4,6-Tribromophenol
 Concen: 96.507 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF117131.D
 Acq: 18 Sep 2019 2:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-51-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	106192		
332	94.9	78.0	117.0	
141	44.0	35.8	53.6	

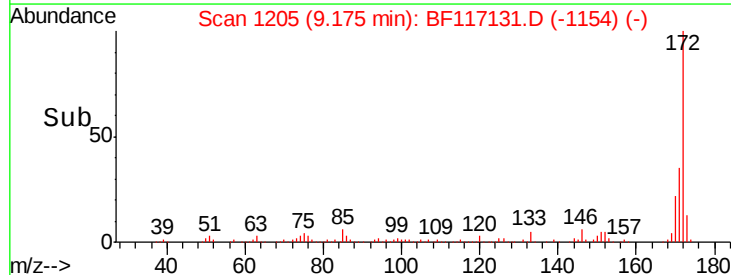
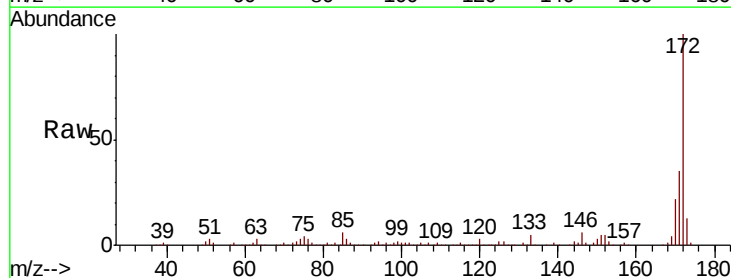
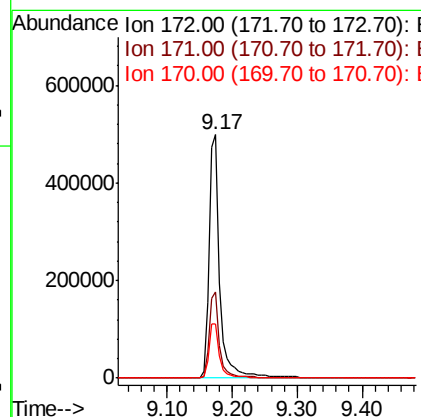
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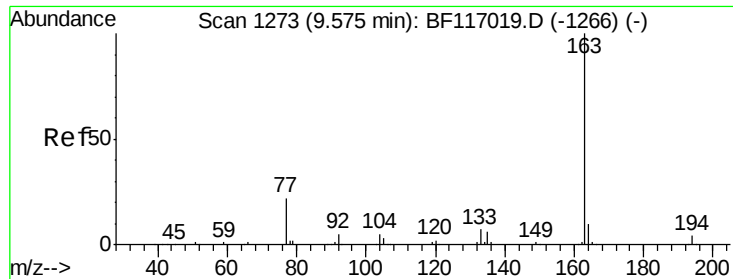
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#45
 2-Fluorobiphenyl
 Concen: 67.418 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF117131.D
 Acq: 18 Sep 2019 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	567685		
171	35.1	28.2	42.2	
170	22.5	18.9	28.3	





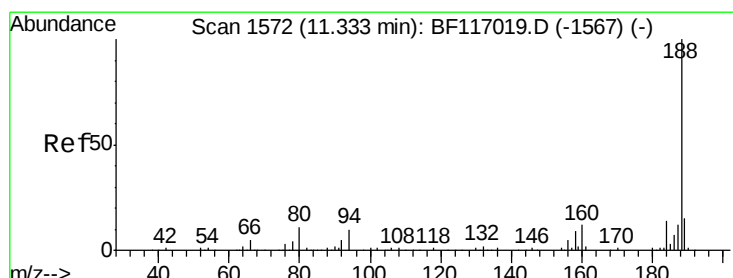
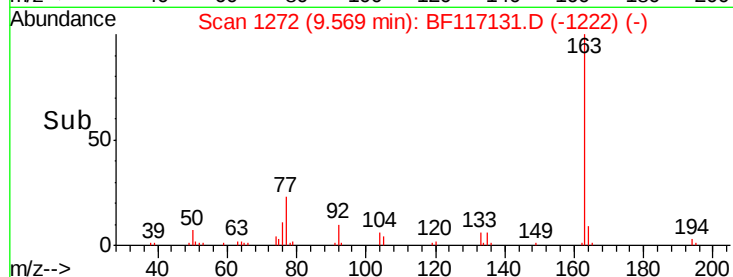
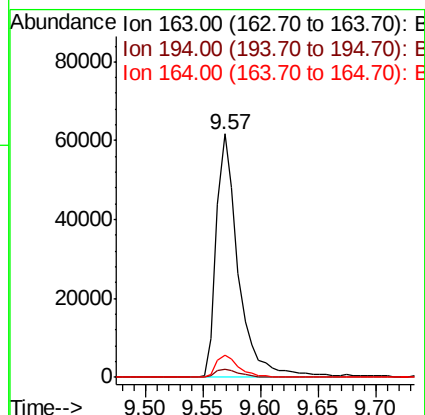
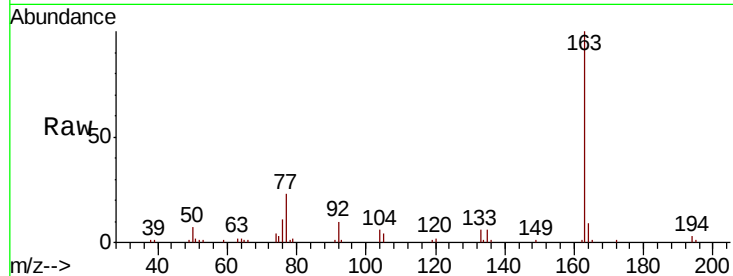
#50
Dimethylphthalate
Concen: 8.851 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF117131.D
Acq: 18 Sep 2019 2:10

Instrument :
BNA_F
ClientSampleId :
SB-51-COMP

Tot Ion:	163	Resp:	82511
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.9	4.3
164	9.0	8.2	12.4

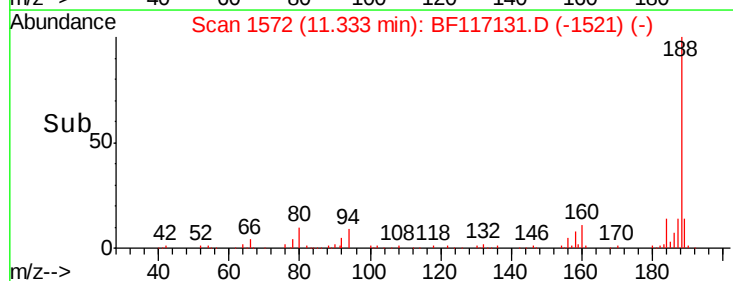
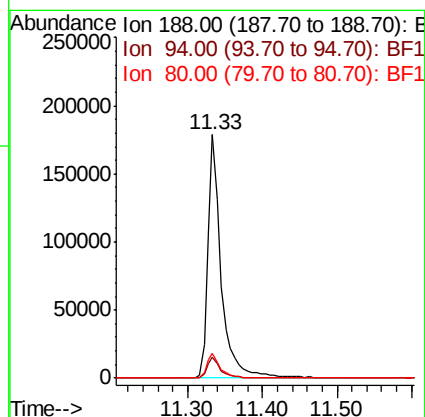
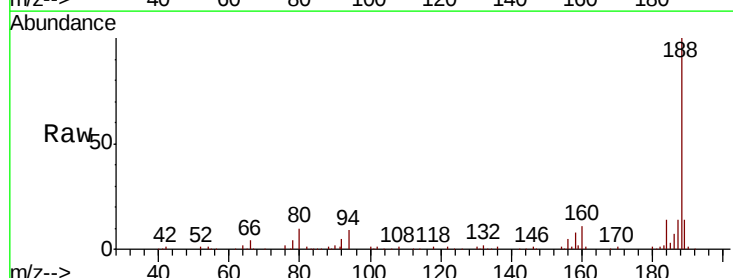
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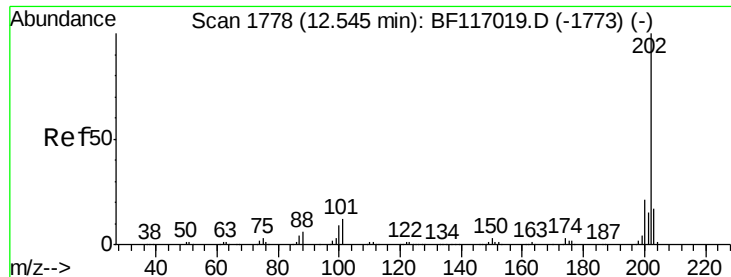
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117131.D
Acq: 18 Sep 2019 2:10

Tgt Ion:	188	Resp:	223957
Ion Ratio	Lower	Upper	
188	100		
94	8.6	8.2	12.2
80	10.4	9.0	13.6





#75

Fluoranthene

Concen: 3.864 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF117131.D

Acq: 18 Sep 2019 2:10

Instrument :

BNA_F

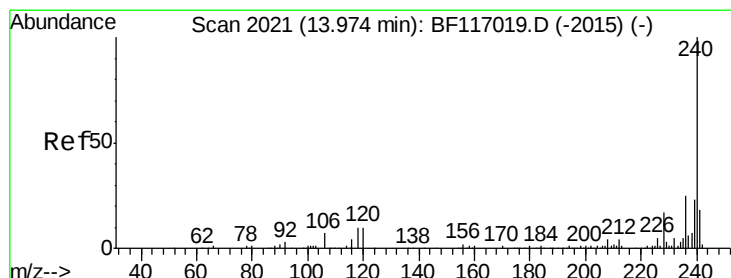
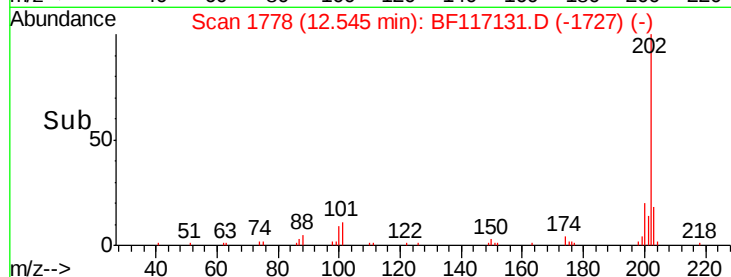
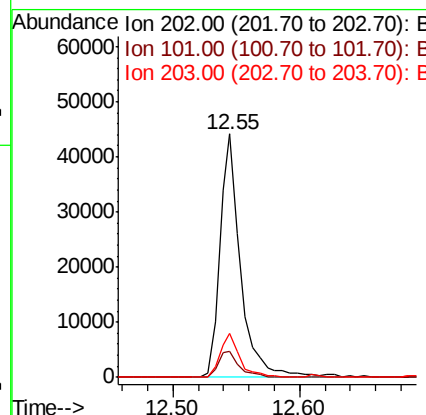
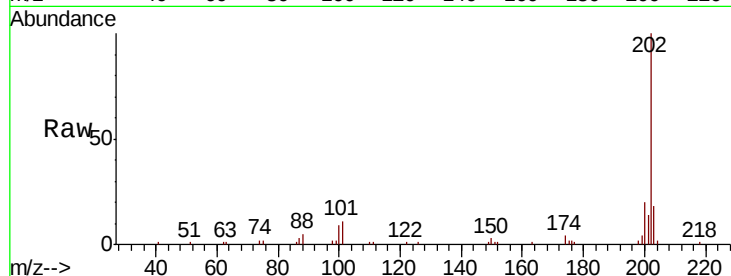
ClientSampleId :

SB-51-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	10.8	0.0	32.3		
203	18.0	0.0	37.1		

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

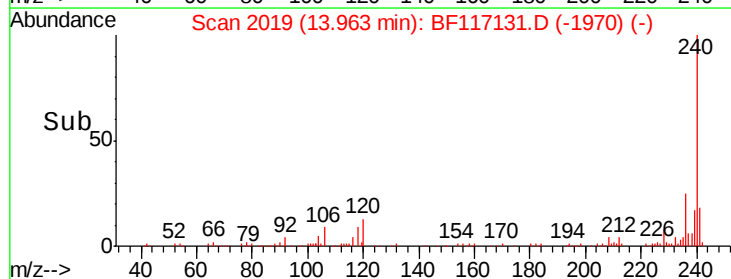
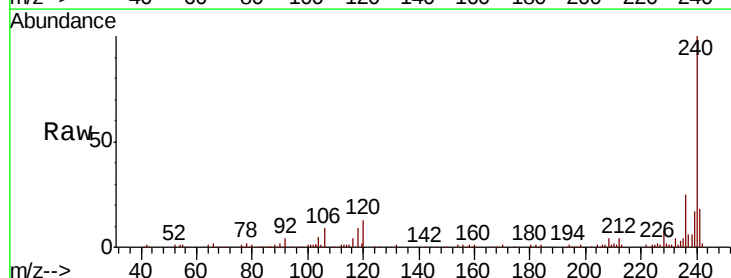
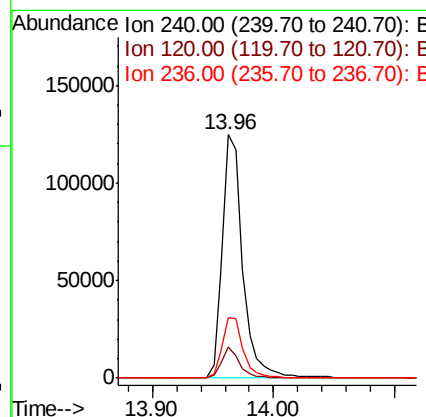
RT: 13.96 min Scan# 2019

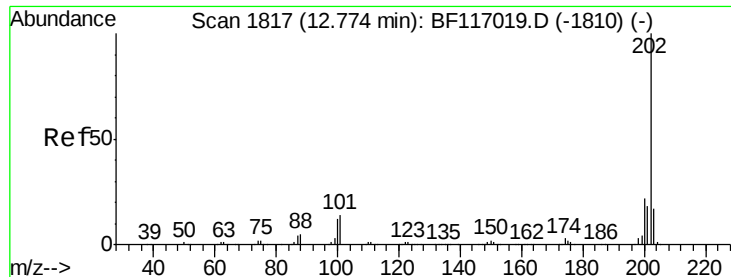
Delta R.T. -0.01 min

Lab File: BF117131.D

Acq: 18 Sep 2019 2:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	12.7	8.3	12.5#		
236	25.0	20.3	30.5		





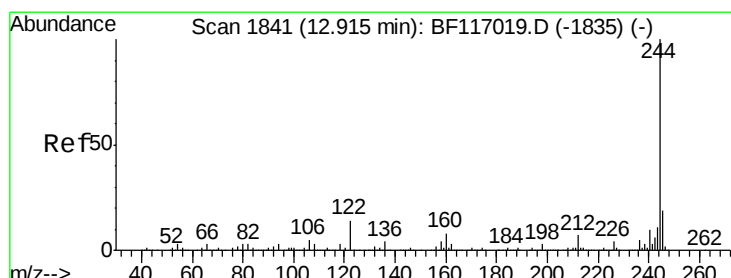
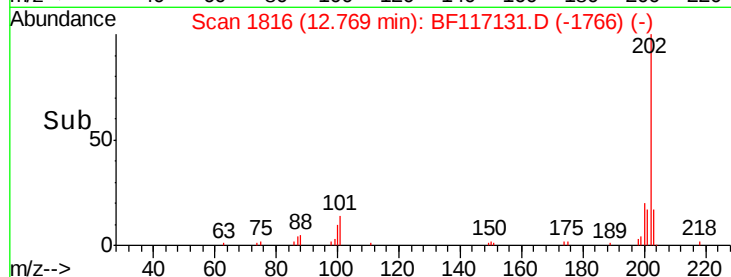
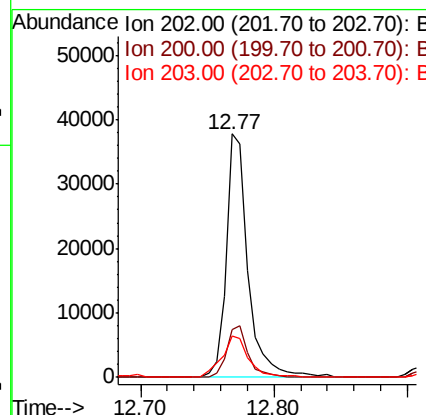
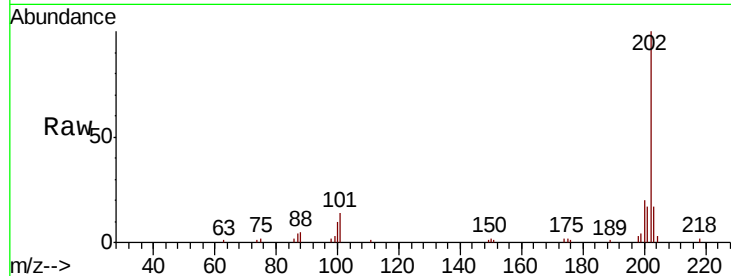
#78
Pvrene
Concen: 3.574 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF117131.D
Acq: 18 Sep 2019 2:10

Instrument :
BNA_F
ClientSampleId :
SB-51-COMP

Tot Ion	Ratio	Resp	Lower	Upper
202	100	43455		
200	19.7		17.2	25.8
203	17.0		14.0	21.0

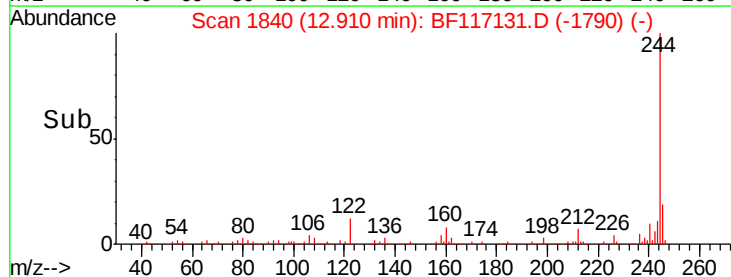
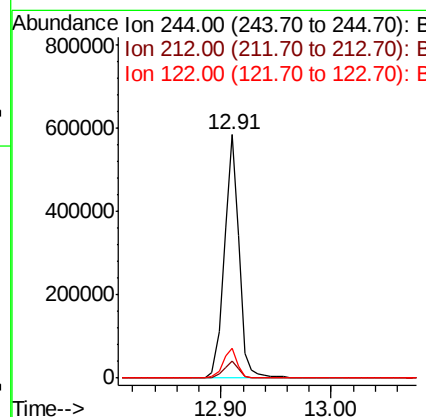
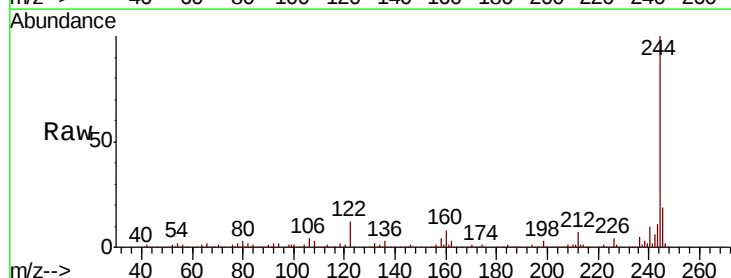
Manual Integrations
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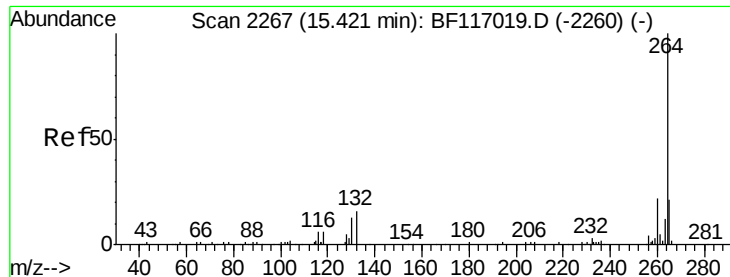
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#79
Terphenyl-d14
Concen: 69.649 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117131.D
Acq: 18 Sep 2019 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	539982		
212	7.0		5.8	8.8
122	12.2		11.3	16.9





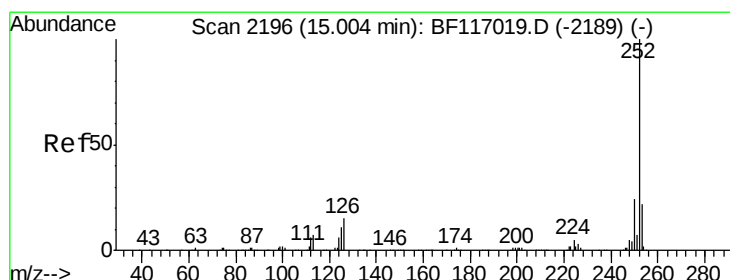
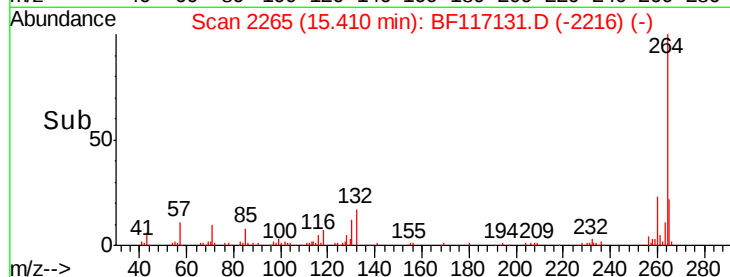
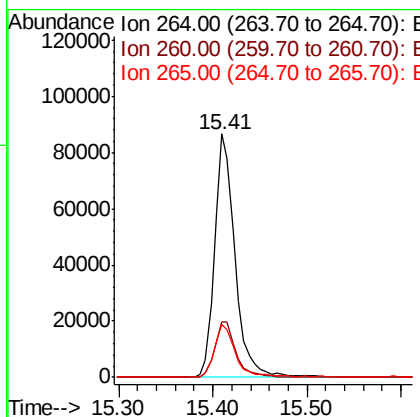
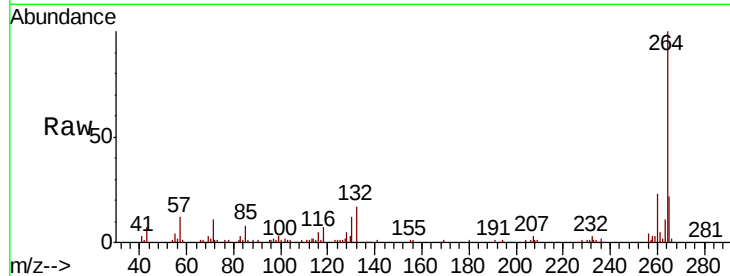
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF117131.D
Acq: 18 Sep 2019 2:10

Instrument :
BNA_F
ClientSampleId :
SB-51-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.6	26.4
265	21.7	16.6	24.8

Manual Integrations
APPROVED

mohammad
9/19/2019 4:45:31 PM



#88
Benzo(b)fluoranthene
Concen: 2.393 ng m
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF117131.D
Acq: 18 Sep 2019 2:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.6	26.4
125	11.8	8.6	12.8

