

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM082120\
 Data File : BM027182.D
 Acq On : 21 Aug 2020 22:41
 Operator : JU/CG
 Sample : L3729-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-4-(3-4)

Manual Integrations
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 8/24/2020 1:48:40 PM

Quant Time: Sep 01 11:32:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 21 15:18:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	121494	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	457506	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	295197	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	636893	20.00	ng	0.00
76) Chrysene-d12	21.19	240	665037	20.00	ng	0.00
86) Perylene-d12	23.38	264	729592	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	533452	85.60	ng	0.00
7) Phenol-d6	6.80	99	733388	85.71	ng	0.00
23) Nitrobenzene-d5	8.76	82	551818	49.76	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	341560	71.45	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	1139107	50.69	ng	0.00
79) Terphenyl-d14	19.64	244	1753414	49.25	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.71	163	133156	5.556	ng	99
75) Fluoranthene	19.06	202	168477	3.809	ng	97
78) Pyrene	19.42	202	223750	5.529	ng	99
81) Benzo(a)anthracene	21.18	228	92894m	2.156	ng	
83) Chrysene	21.23	228	93067	2.224	ng	99
88) Benzo(b)fluoranthene	22.73	252	164141m	3.374	ng	
90) Benzo(a)pyrene	23.29	252	134006	3.017	ng	# 98
92) Benzo(g,h,i)perylene	26.23	276	181282	3.959	ng	98

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

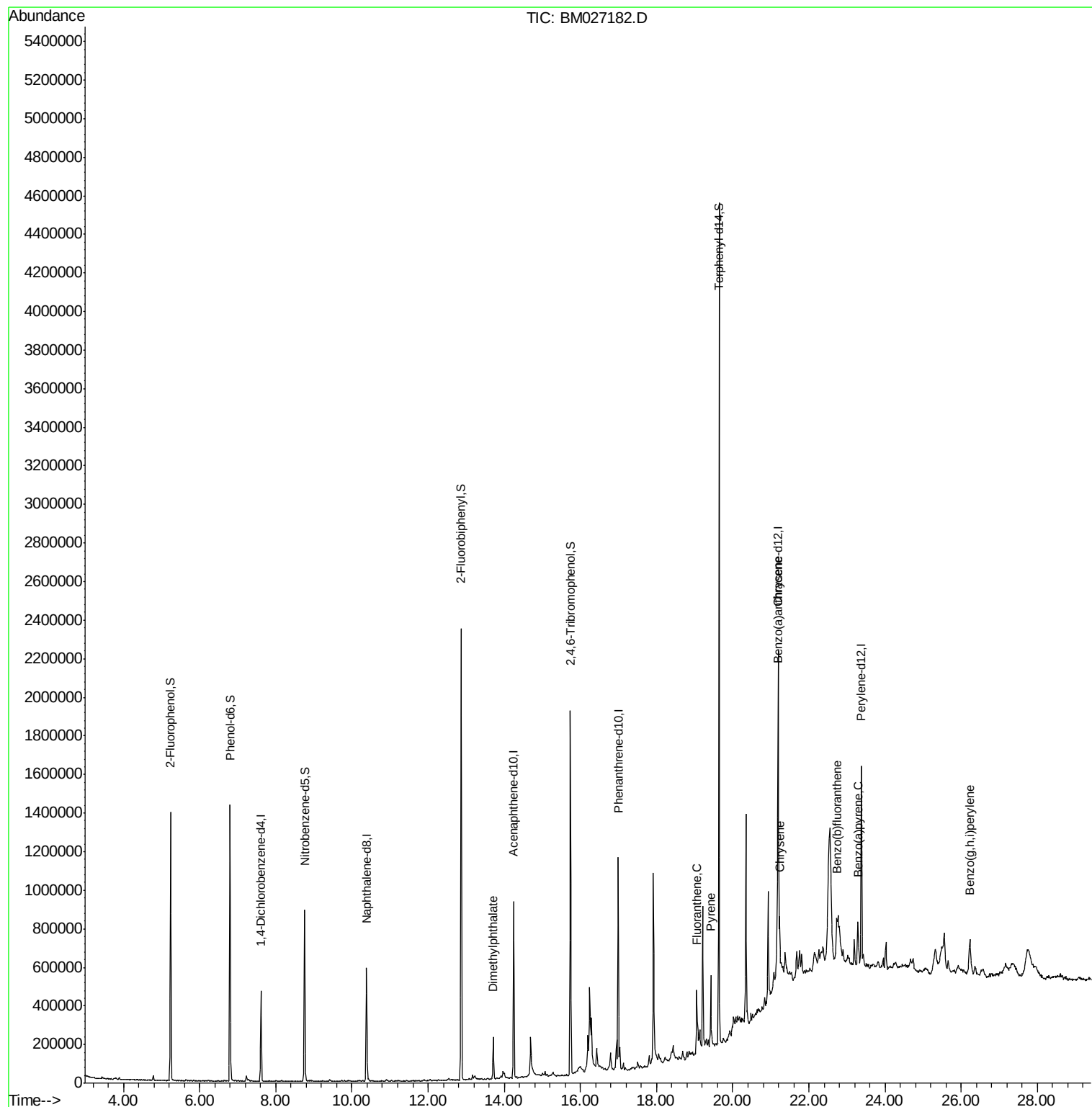
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM082120\
Data File : BM027182.D
Acq On : 21 Aug 2020 22:41
Operator : JU/CG
Sample : L3729-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

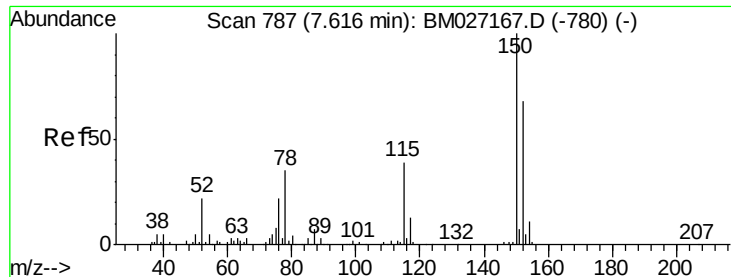
Instrument :
BNA_M
ClientSampleId :
COMP-4-(3-4)

Manual Integrations
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Quant Time: Sep 01 11:32:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

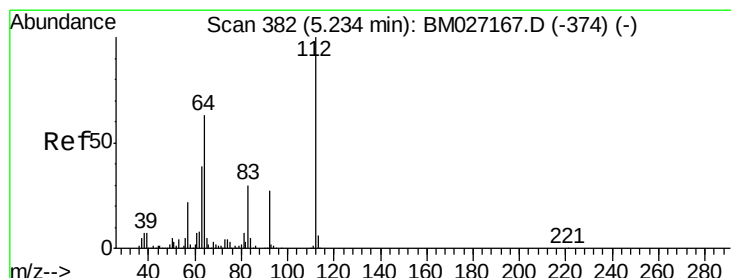
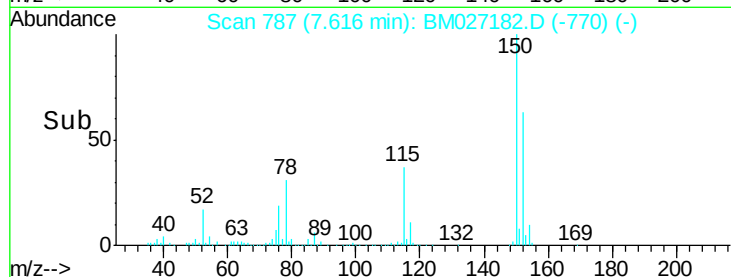
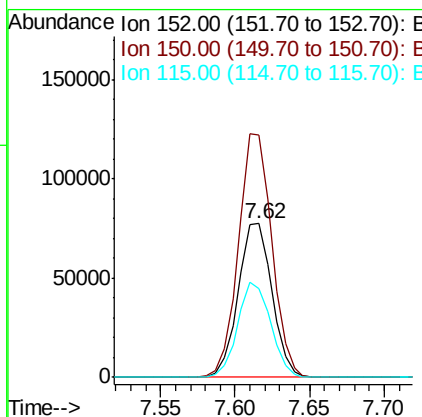
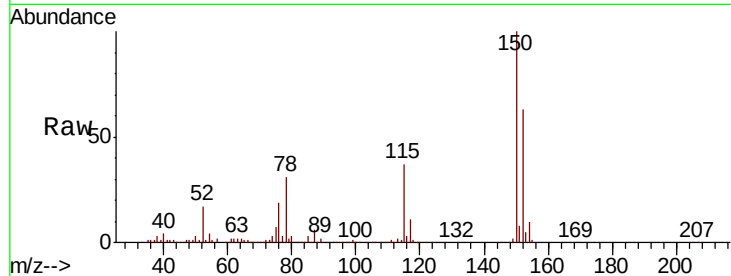
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM027182.D
Acq: 21 Aug 2020 22:41

Instrument :
BNA_M
ClientSampleId :
COMP-4-(3-4)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	118.2	177.4
115	58.2	46.1	69.1

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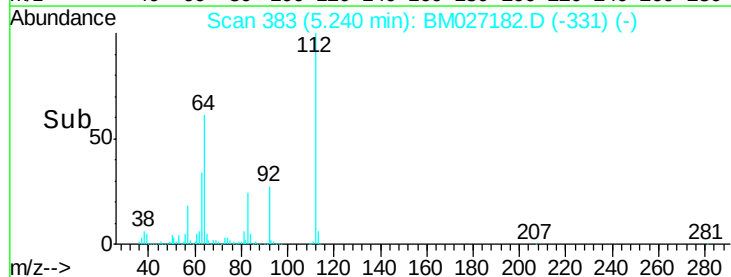
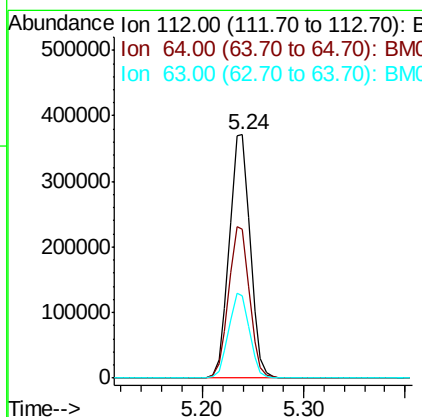
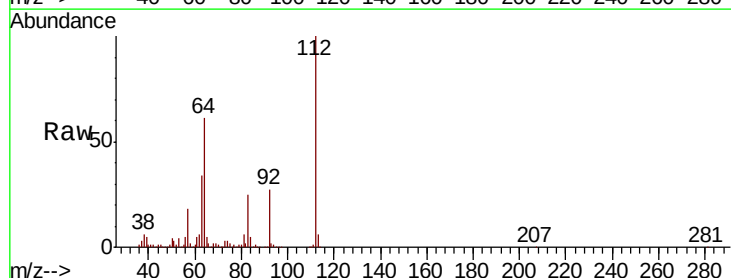
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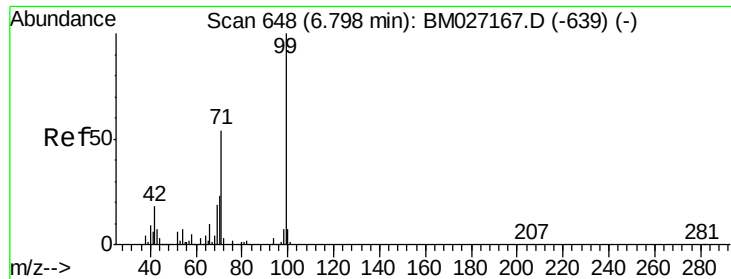


#5

2-Fluorophenol
Concen: 85.596 ng
RT: 5.24 min Scan# 383
Delta R.T. 0.01 min
Lab File: BM027182.D
Acq: 21 Aug 2020 22:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	50.0	75.0
63	34.0	31.6	47.4





#7

Phenol-d6

Concen: 85.708 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.00 min

Lab File: BM027182.D

Acq: 21 Aug 2020 22:41

Instrument :

BNA_M

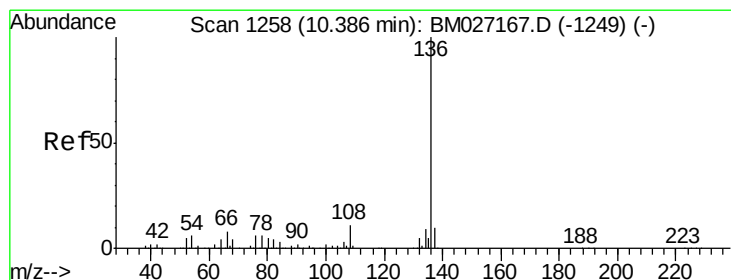
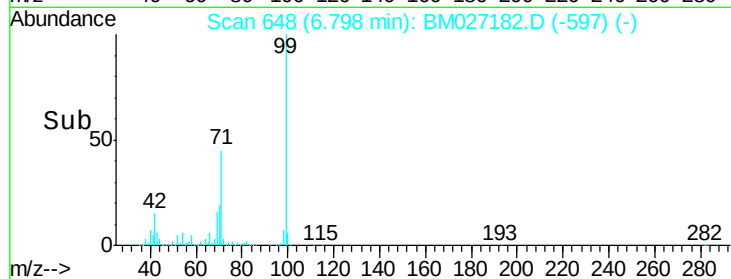
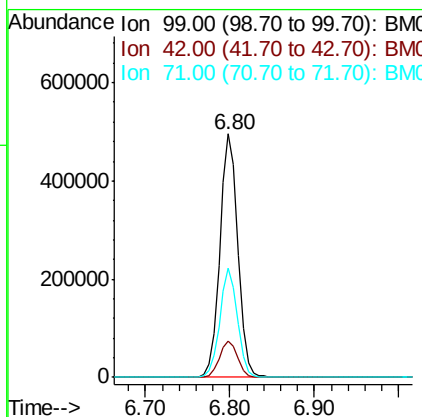
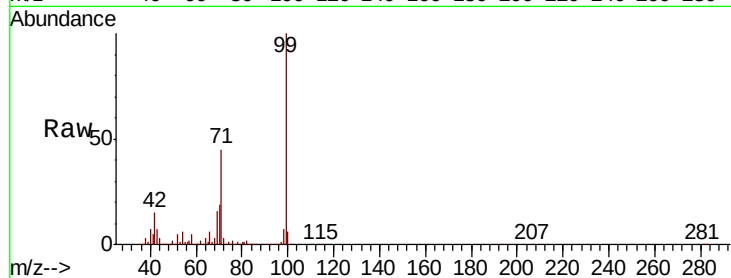
ClientSampleId :

COMP-4-(3-4)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		733388		
42	15.1	14.5	21.7		
71	44.8	43.0	64.4		

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#21

Naphthalene-d8

Concen: 20.000 ng

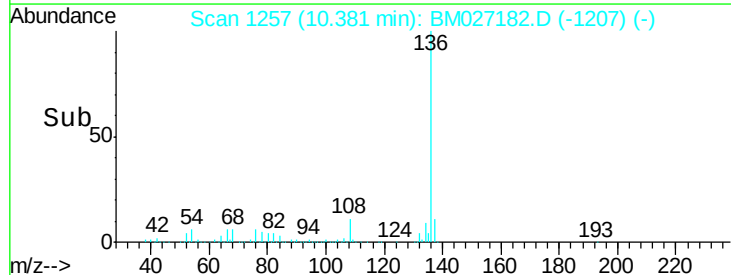
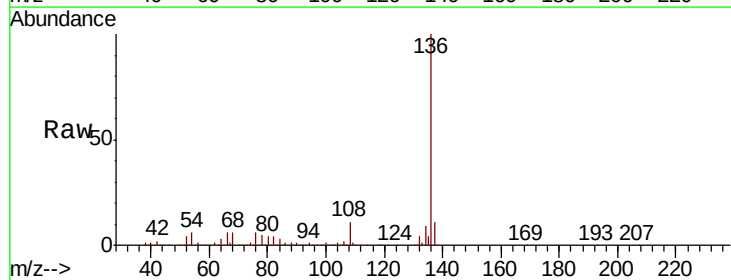
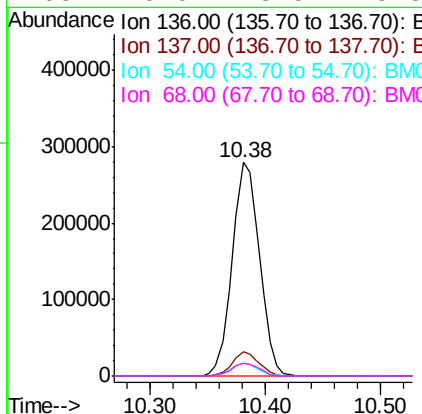
RT: 10.38 min Scan# 1257

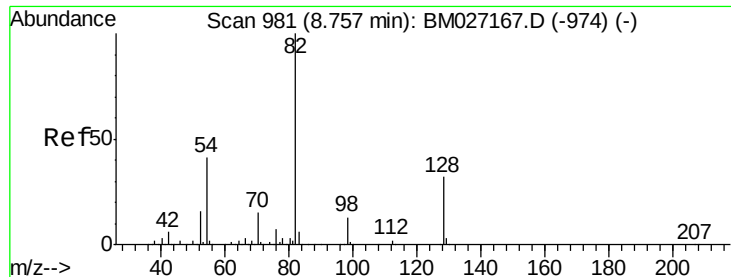
Delta R.T. -0.01 min

Lab File: BM027182.D

Acq: 21 Aug 2020 22:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		457506		
137	11.3	8.2	12.4		
54	5.8	4.8	7.2		
68	6.0	3.5	5.3#		





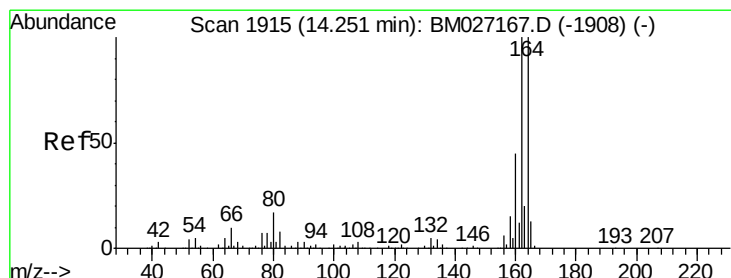
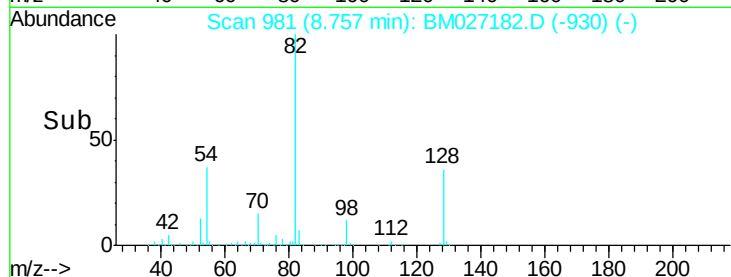
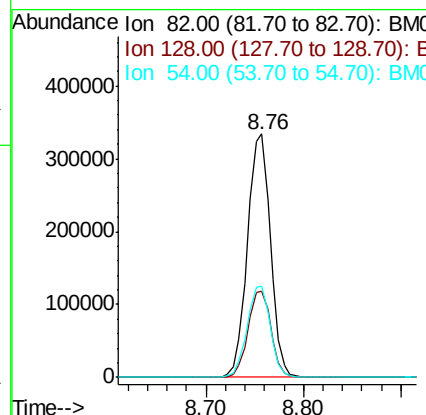
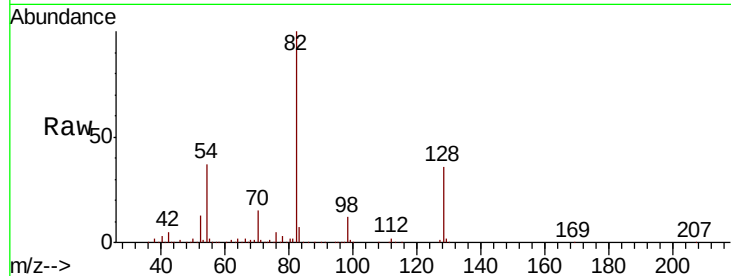
#23
Nitrobenzene-d5
Concen: 49.762 ng
RT: 8.76 min Scan# 981
Delta R.T. -0.00 min
Lab File: BM027182.D
Acq: 21 Aug 2020 22:41

Instrument :
BNA_M
ClientSampleId :
COMP-4-(3-4)

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.6	25.7	38.5
54	37.4	33.0	49.4

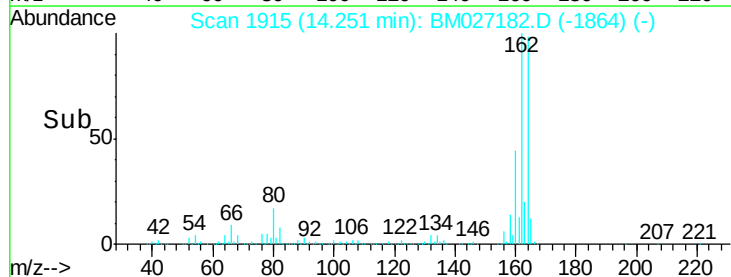
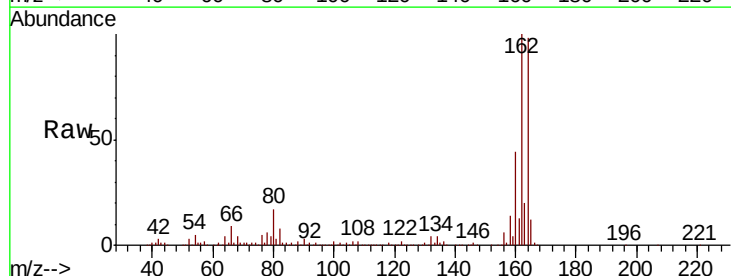
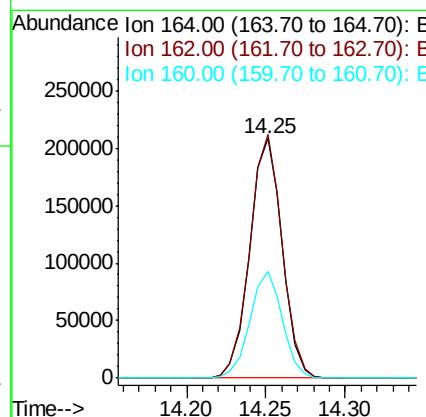
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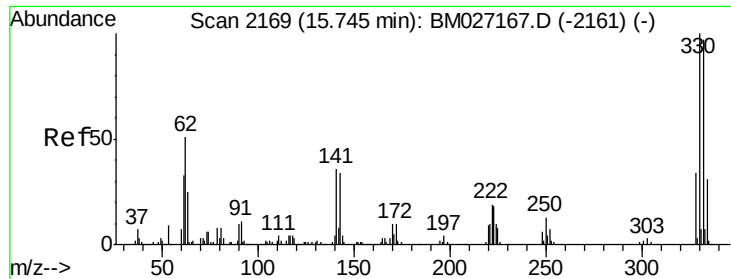
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.25 min Scan# 1915
Delta R.T. -0.00 min
Lab File: BM027182.D
Acq: 21 Aug 2020 22:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.2	120.4
160	44.8	36.3	54.5





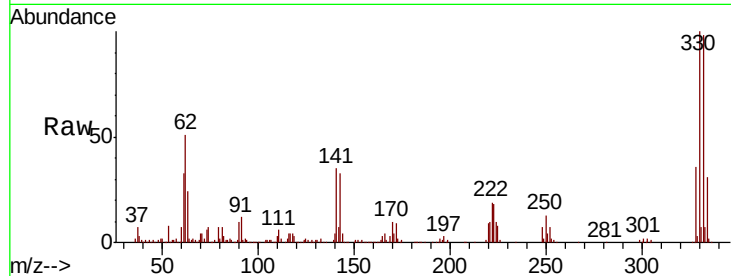
#42
 2,4,6-Tribromophenol
 Concen: 71.453 ng
 RT: 15.74 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BM027182.D
 Acq: 21 Aug 2020 22:41

Instrument :
 BNA_M
 ClientSampleId :
 COMP-4-(3-4)

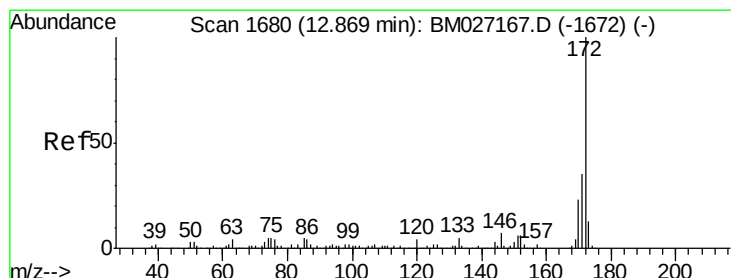
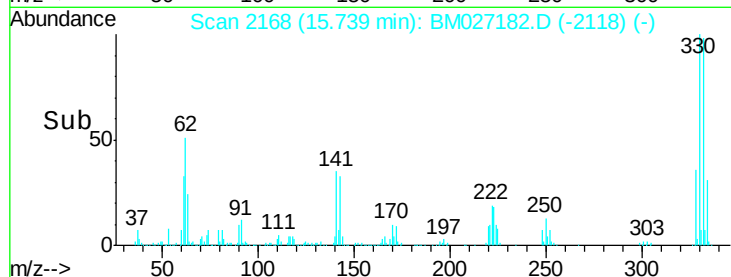
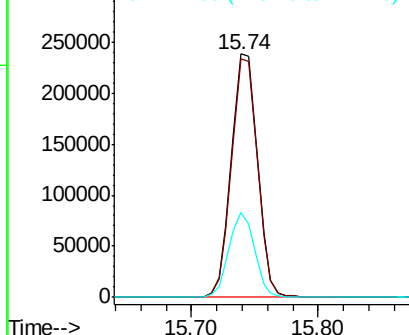
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.2	115.8
141	34.3	31.0	46.6

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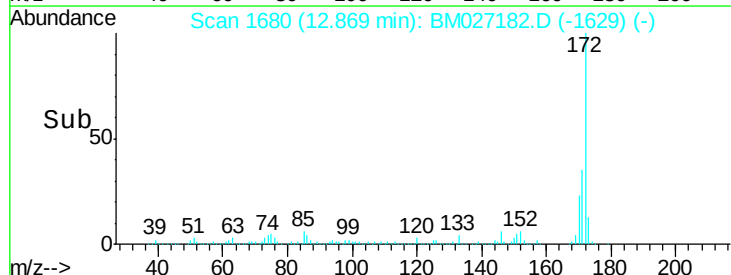
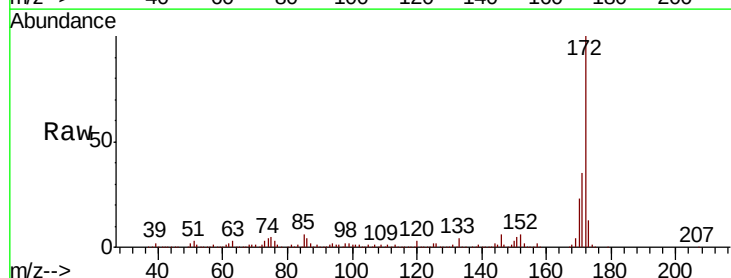
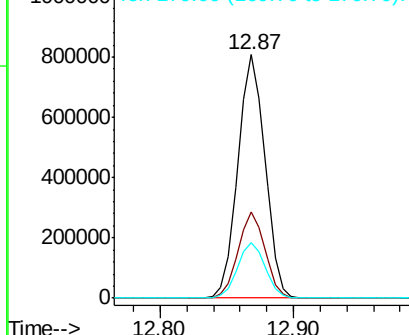
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

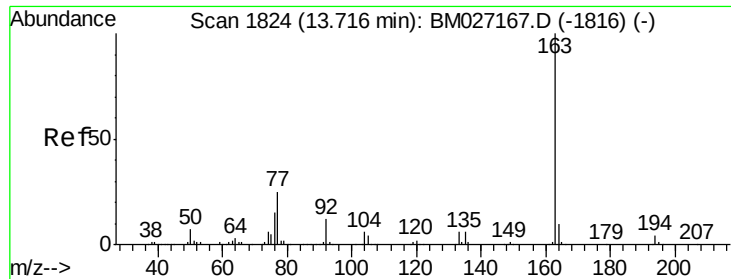


#45
 2-Fluorobiphenyl
 Concen: 50.690 ng
 RT: 12.87 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: BM027182.D
 Acq: 21 Aug 2020 22:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.1	42.1
170	22.9	18.6	28.0

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





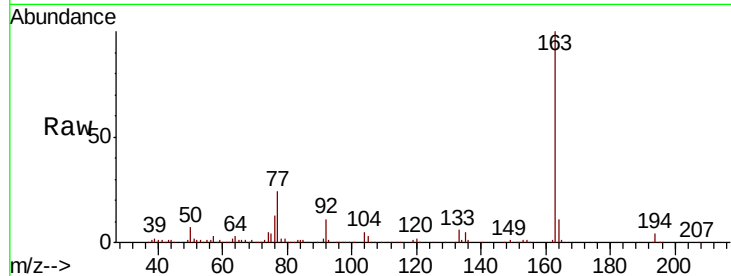
#50
Dimethylphthalate
Concen: 5.556 ng
RT: 13.71 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BM027182.D
Acq: 21 Aug 2020 22:41

Instrument :
BNA_M
ClientSampleId :
COMP-4-(3-4)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	133156		
194	4.2		3.4	5.2
164	10.5		8.2	12.2

Manual Integrations
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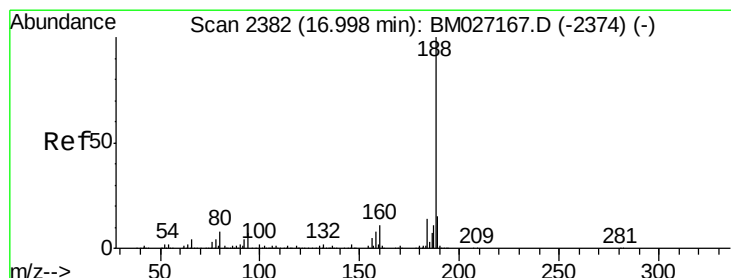
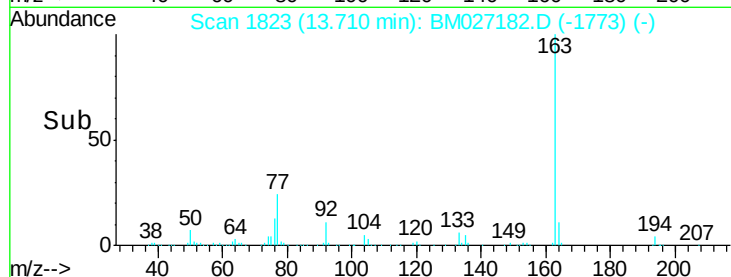
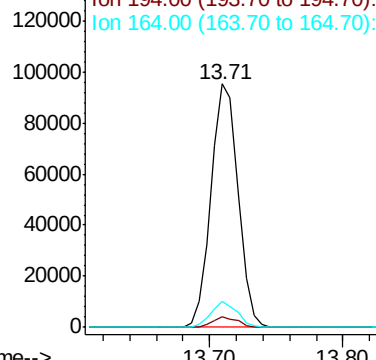


Abundance

Ion 163.00 (162.70 to 163.70): E

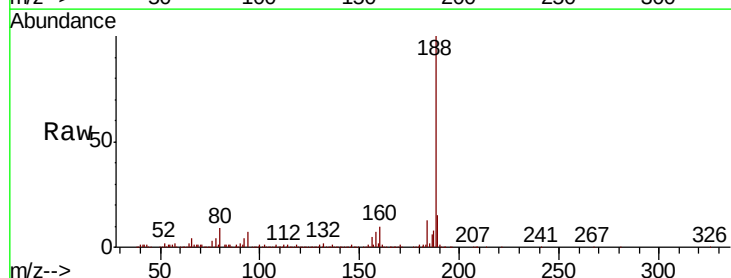
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BM027182.D
Acq: 21 Aug 2020 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	636893		
94	7.2		5.5	8.3
80	9.0		6.2	9.4

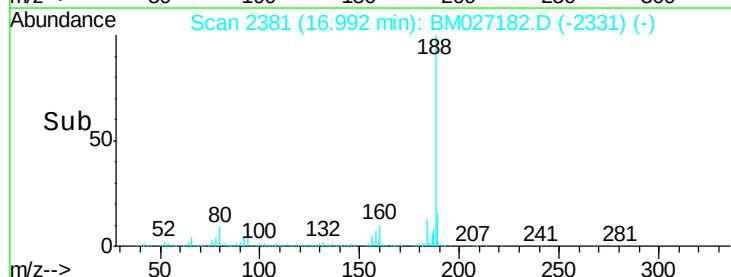
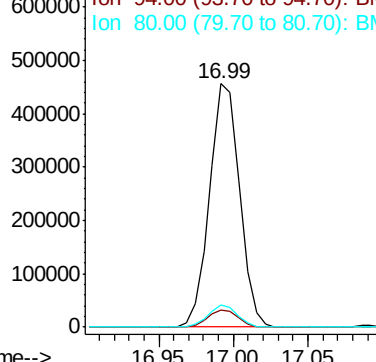


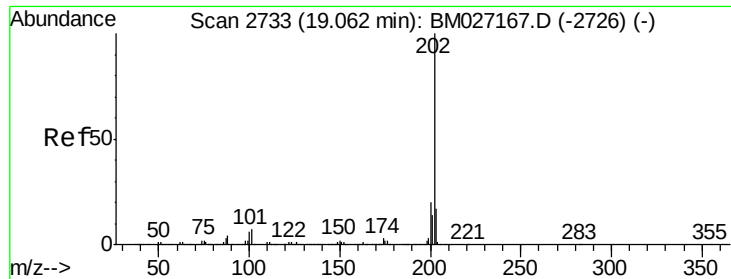
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Fluoranthene

Concen: 3.809 ng

RT: 19.06 min Scan# 2732

Delta R.T. -0.01 min

Lab File: BM027182.D

Acq: 21 Aug 2020 22:41

Instrument :

BNA_M

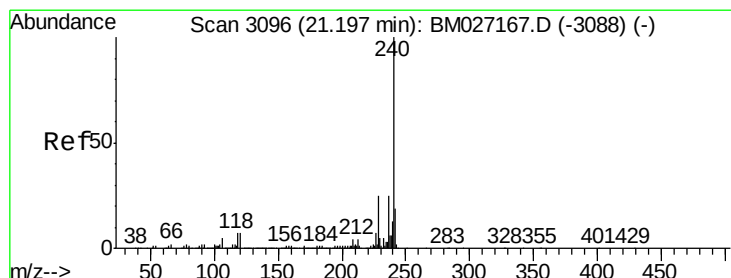
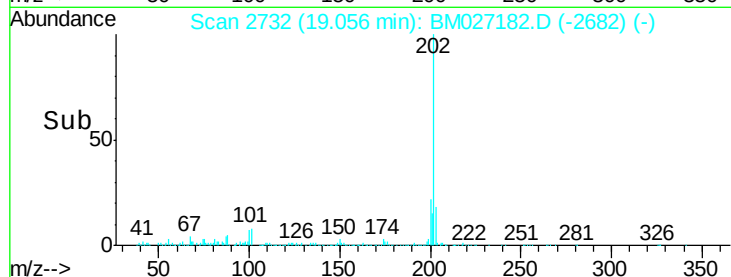
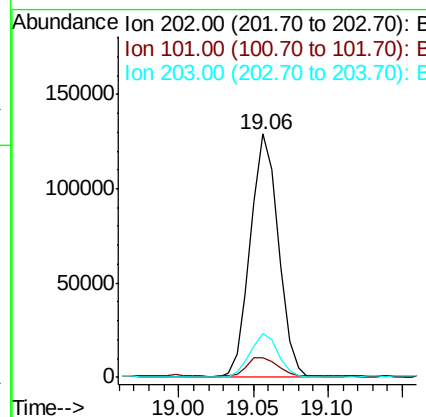
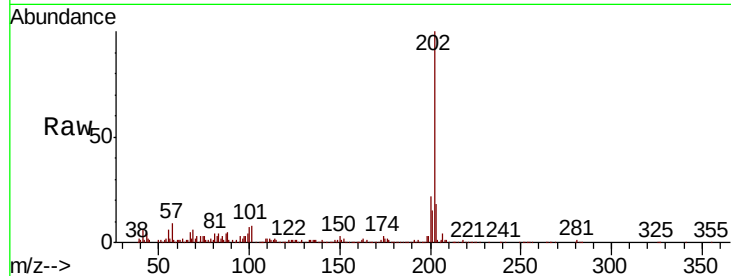
ClientSampleId :

COMP-4-(3-4)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.2	0.0	27.2
203	18.3	0.0	37.1

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#76

Chrysene-d12

Concen: 20.000 ng

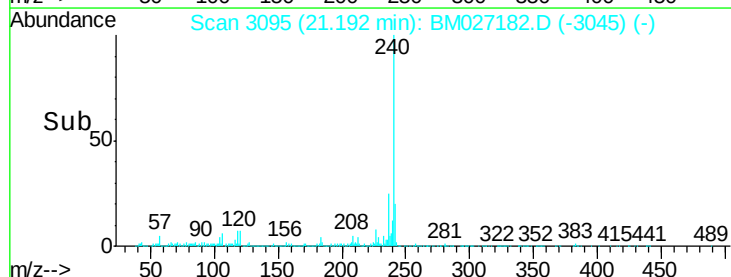
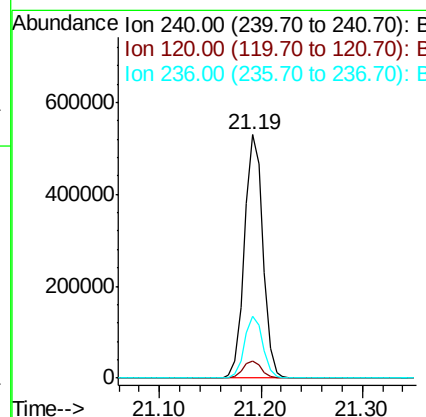
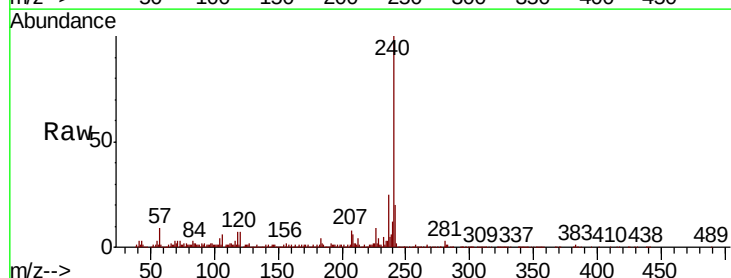
RT: 21.19 min Scan# 3095

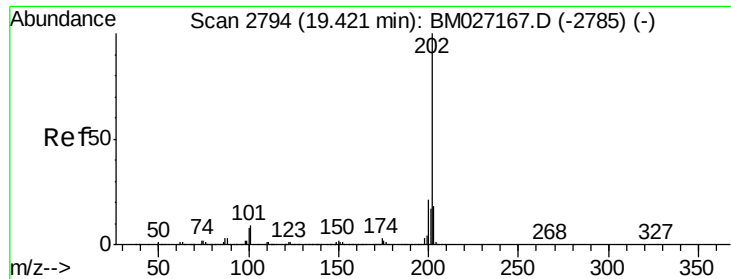
Delta R.T. -0.01 min

Lab File: BM027182.D

Acq: 21 Aug 2020 22:41

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.1	5.6	8.4
236	25.3	19.8	29.6





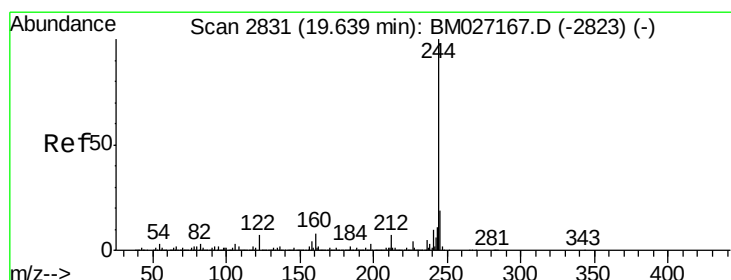
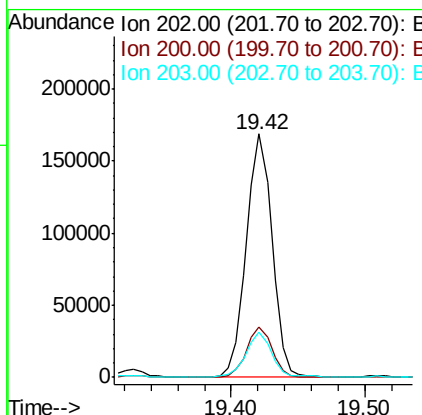
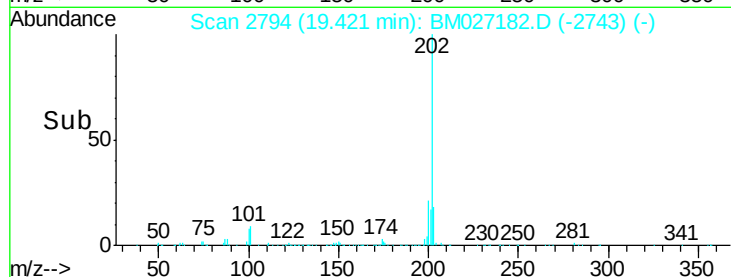
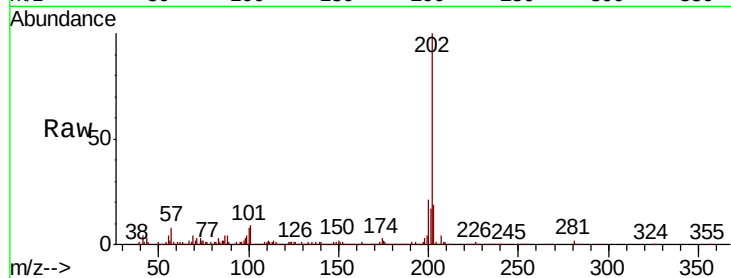
#78
Pvrene
Concen: 5.529 ng
RT: 19.42 min Scan# 2794
Delta R.T. -0.00 min
Lab File: BM027182.D
Acq: 21 Aug 2020 22:41

Instrument :
BNA_M
ClientSampleId :
COMP-4-(3-4)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.8	16.6	25.0
203	18.7	14.0	21.0

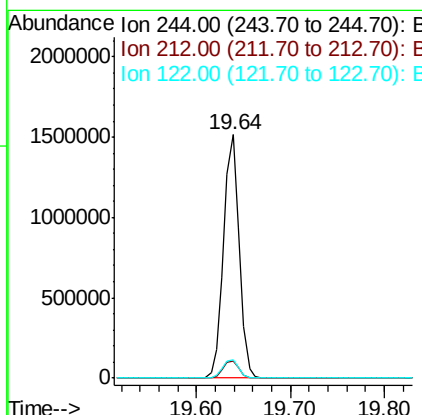
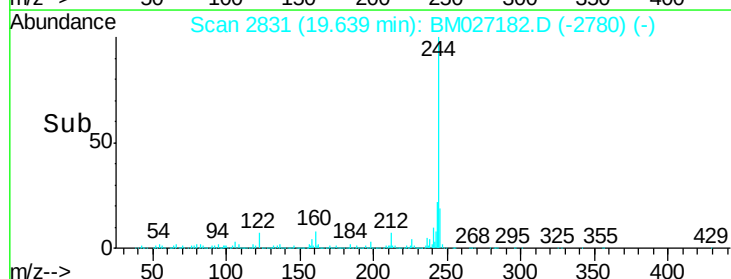
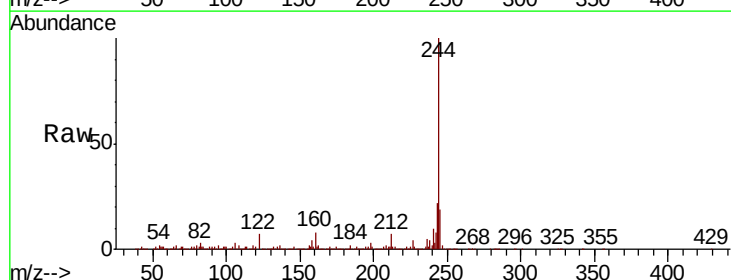
Manual Integrations
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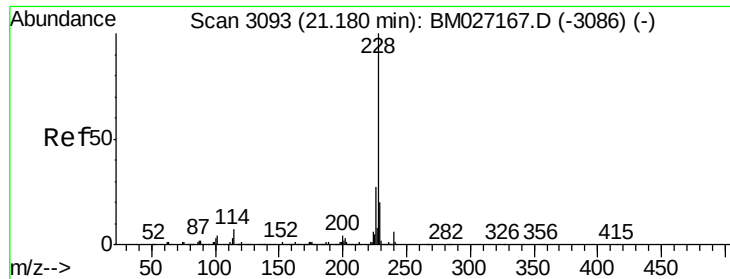
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#79
Terphenyl-d14
Concen: 49.253 ng
RT: 19.64 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BM027182.D
Acq: 21 Aug 2020 22:41

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	5.8	8.8
122	7.4	5.8	8.8





#81

Benzo(a)anthracene

Concen: 2.156 ng m

RT: 21.18 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BM027182.D

Acq: 21 Aug 2020 22:41

Instrument :

BNA_M

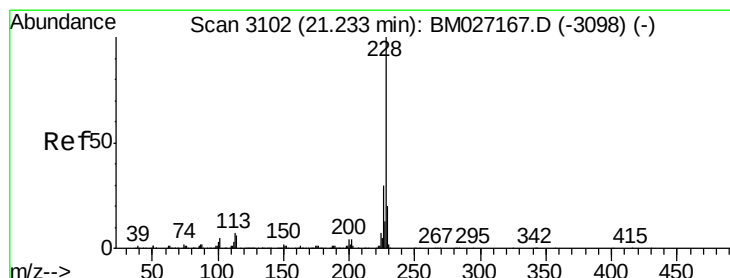
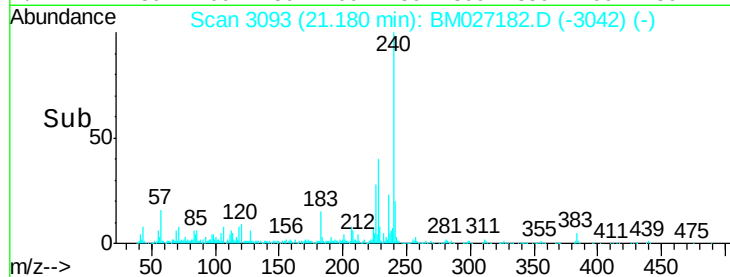
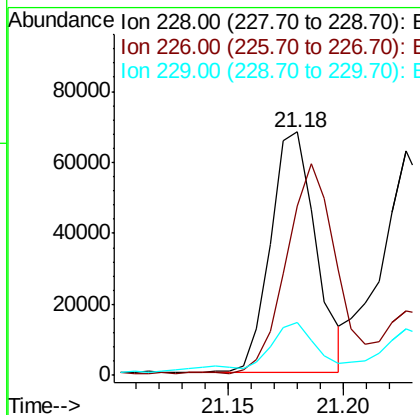
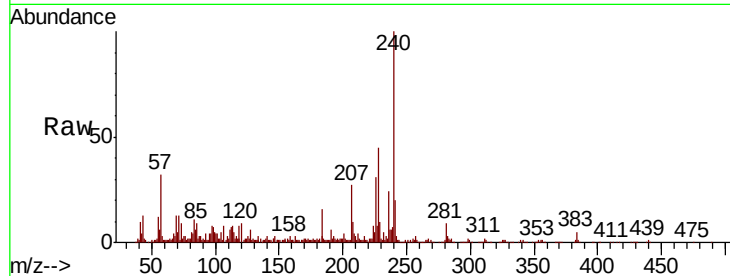
ClientSampleId :

COMP-4-(3-4)

Tot Ion	Ratio	Lower	Upper
228	100		
226	69.6	21.4	32.2#
229	21.7	15.8	23.6

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#83

Chrysene

Concen: 2.224 ng

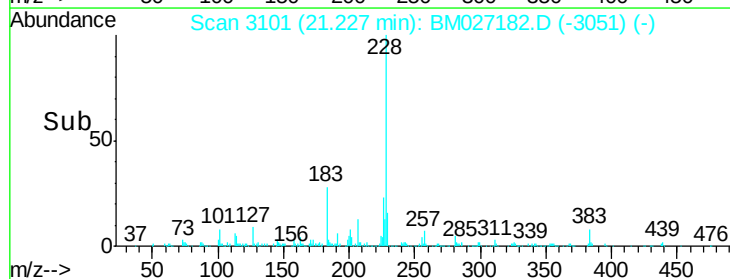
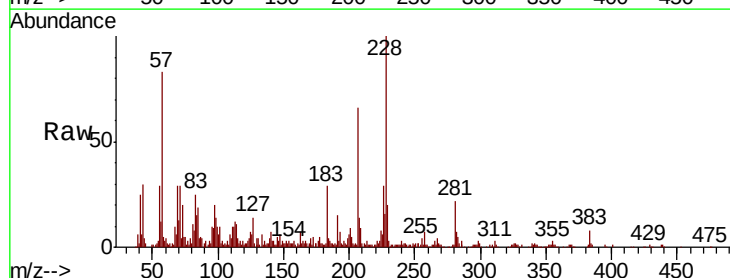
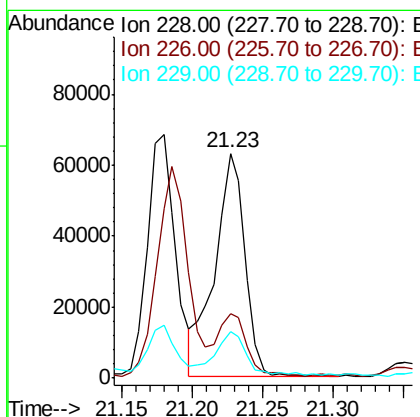
RT: 21.23 min Scan# 3101

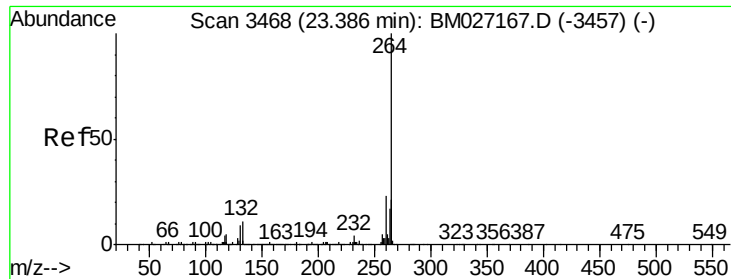
Delta R.T. -0.01 min

Lab File: BM027182.D

Acq: 21 Aug 2020 22:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.7	35.5
229	20.5	15.8	23.8





#86

Pervlene-d12

Concen: 20.000 ng

RT: 23.38 min Scan# 3467

Delta R.T. -0.01 min

Lab File: BM027182.D

Acq: 21 Aug 2020 22:41

Instrument :

BNA_M

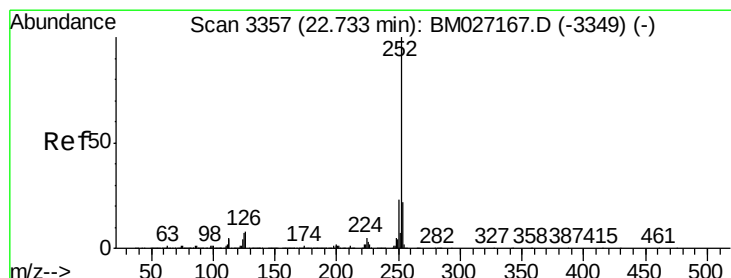
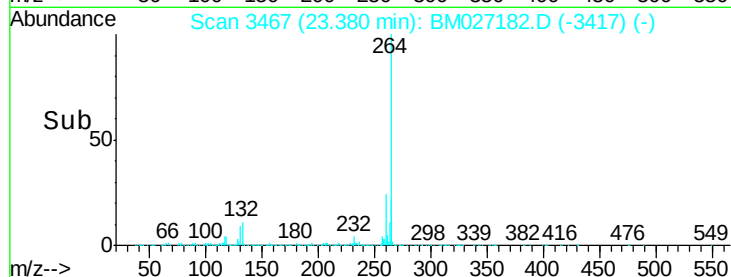
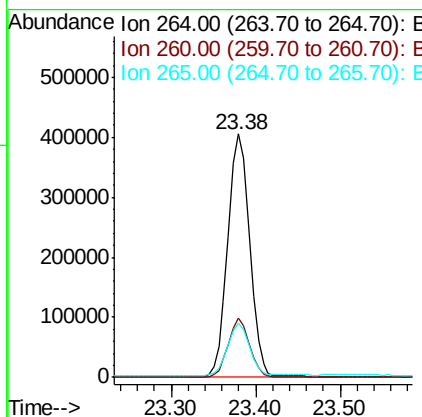
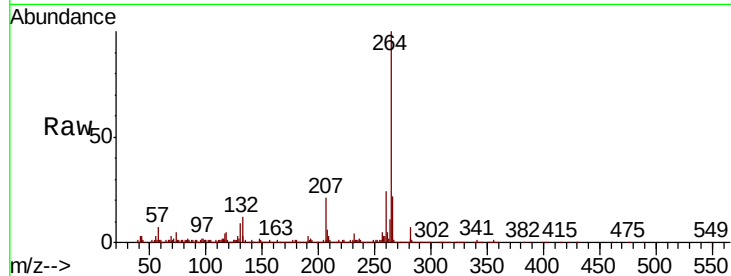
ClientSampleId :

COMP-4-(3-4)

Tot Ion:	264	Resp:	729592
Ion Ratio	Lower	Upper	
264	100		
260	24.2	18.8	28.2
265	22.1	17.5	26.3

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 3.374 ng m

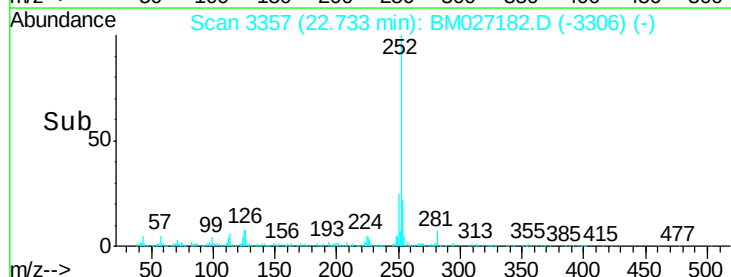
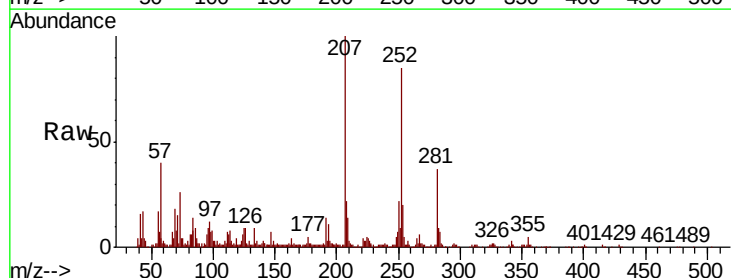
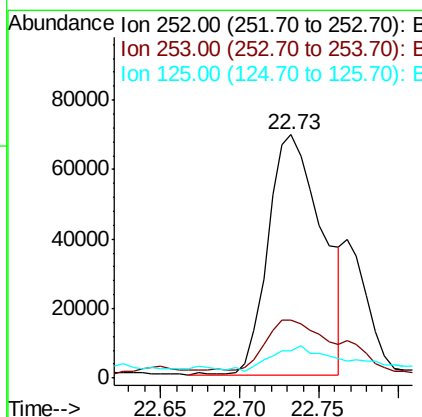
RT: 22.73 min Scan# 3357

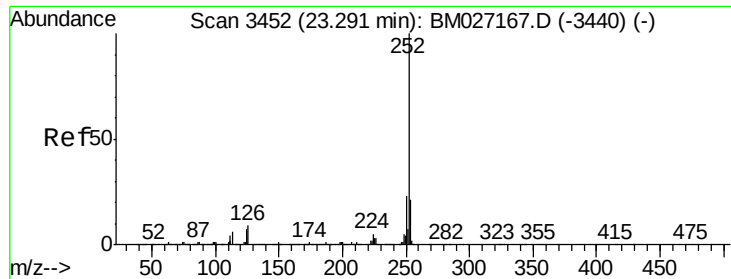
Delta R.T. -0.00 min

Lab File: BM027182.D

Acq: 21 Aug 2020 22:41

Tgt Ion:	252	Resp:	164141
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.7	26.5
125	11.2	5.4	8.0#





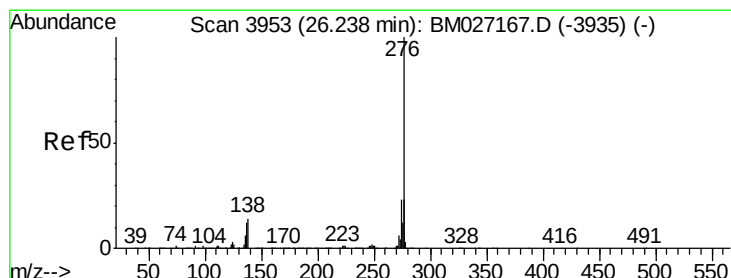
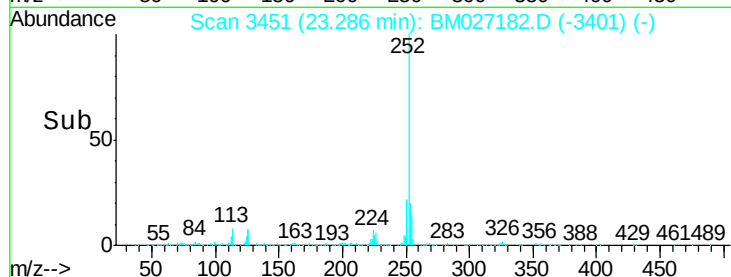
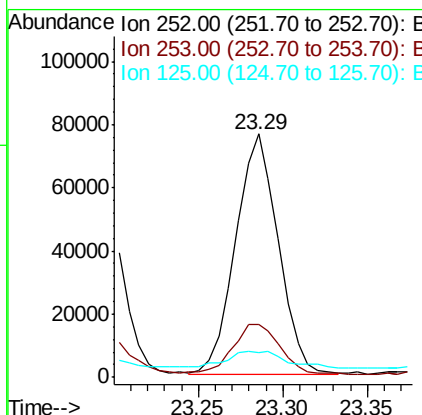
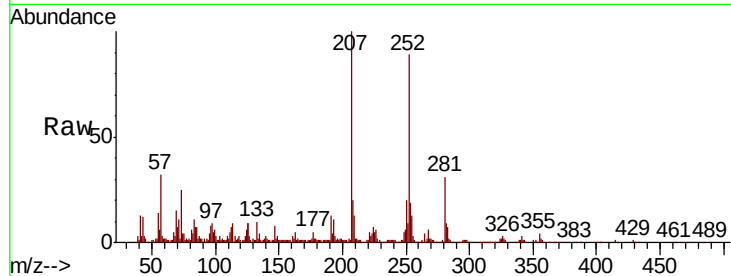
#90
Benzo(a)pyrene
Concen: 3.017 ng
RT: 23.29 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BM027182.D
Acq: 21 Aug 2020 22:41

Instrument :
BNA_M
ClientSampled :
COMP-4-(3-4)

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	10.0	5.8	8.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.959 ng
RT: 26.23 min Scan# 3951
Delta R.T. -0.01 min
Lab File: BM027182.D
Acq: 21 Aug 2020 22:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	16.2	11.4	17.0

