

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082420\
 Data File : BM027205.D
 Acq On : 24 Aug 2020 21:51
 Operator : JU/CG
 Sample : L3734-02RE 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EROC-BF-1ARE

Manual Integrations
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Quant Time: Aug 25 02:02:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 15:18:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	209701	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	791158	20.00	ng	0.00
39) Acenaphthene-d10	14.24	164	489985	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	1008600	20.00	ng	0.00
76) Chrysene-d12	21.19	240	954252	20.00	ng	0.00
86) Perylene-d12	23.38	264	1060548	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	189571	17.62	ng	0.00
7) Phenol-d6	6.79	99	604949	40.96	ng	0.00
23) Nitrobenzene-d5	8.75	82	531529	27.72	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	55073	6.94	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	1091342	29.26	ng	0.00
79) Terphenyl-d14	19.63	244	1357847	26.58	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.71	163	92251	2.319	ng	100
71) Phenanthrene	17.03	178	183659	3.276	ng	98
75) Fluoranthene	19.06	202	361439	5.161	ng	100
78) Pyrene	19.42	202	325771	5.610	ng	98
81) Benzo(a)anthracene	21.17	228	174757	2.826	ng	# 89
83) Chrysene	21.23	228	177285	2.952	ng	# 93
84) Bis(2-ethylhexyl)phthalate	21.13	149	238609	7.899	ng	97
88) Benzo(b)fluoranthene	22.73	252	250280m	3.539	ng	
90) Benzo(a)pyrene	23.28	252	167752	2.598	ng	# 79

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

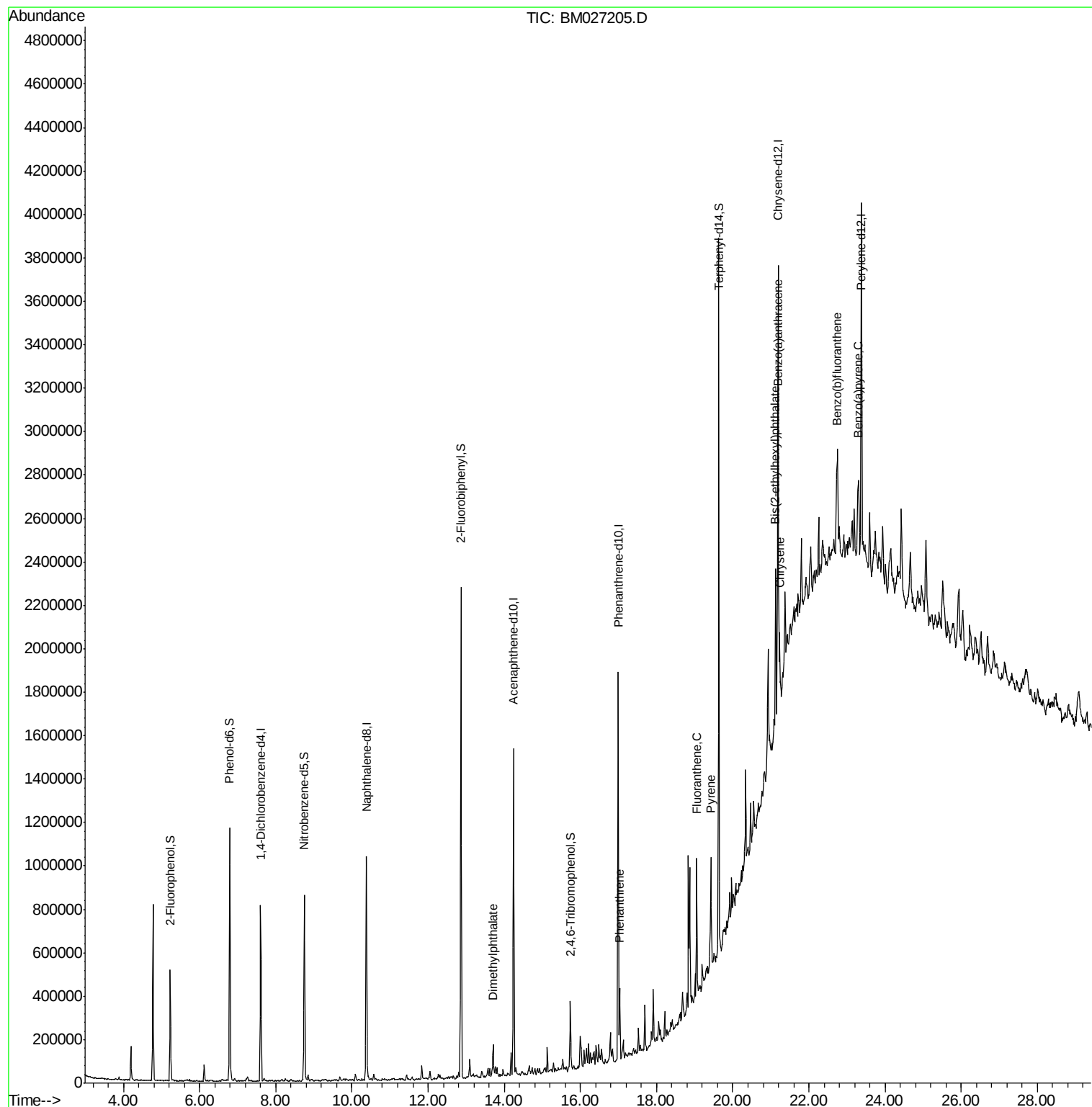
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082420\
Data File : BM027205.D
Acq On : 24 Aug 2020 21:51
Operator : JU/CG
Sample : L3734-02RE 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

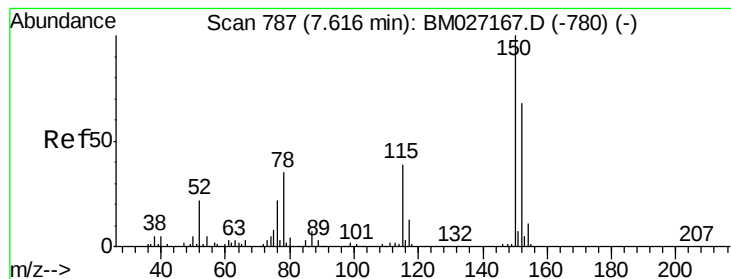
Instrument :
BNA_M
ClientSampleId :
EROC-BF-1ARE

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Quant Time: Aug 25 02:02:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 15:18:39 2020
Response via : Initial Calibration





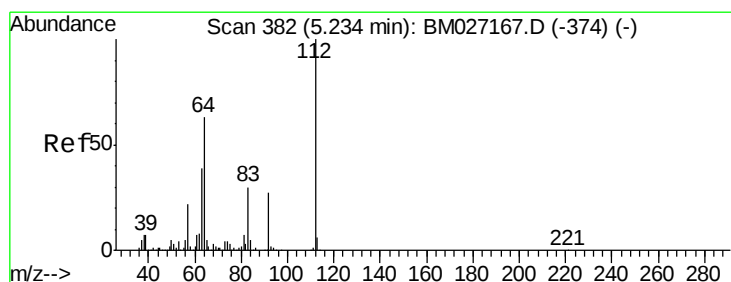
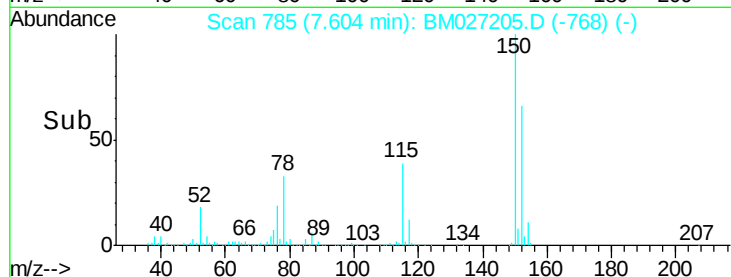
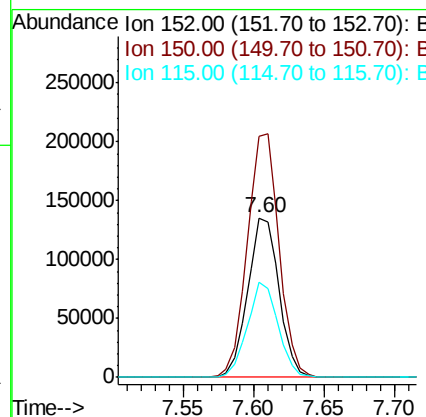
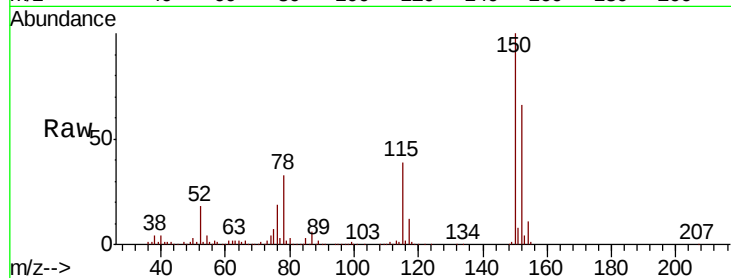
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.60 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BM027205.D
 Acq: 24 Aug 2020 21:51

Instrument :
 BNA_M
 ClientSampleId :
 EROC-BF-1ARE

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	118.2	177.4
115	59.4	46.1	69.1

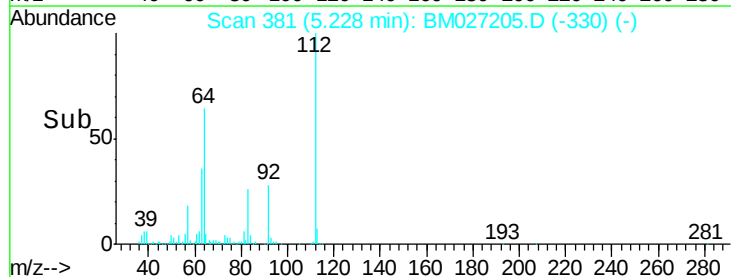
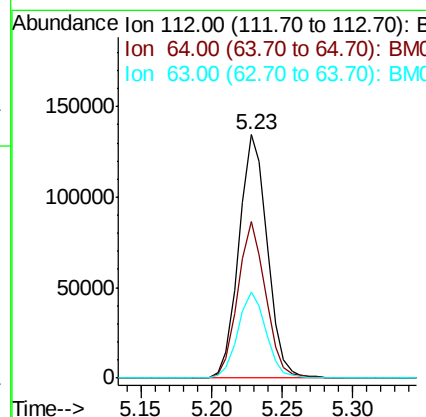
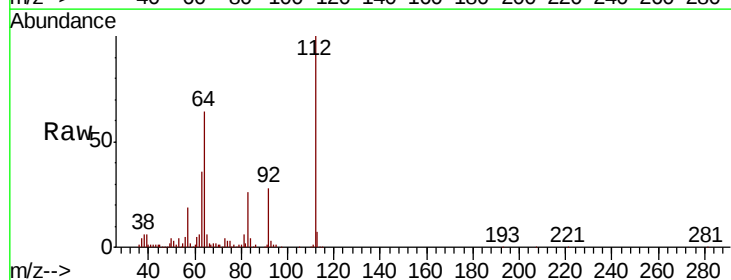
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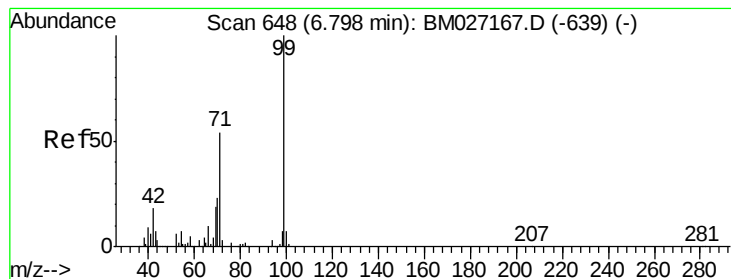
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#5
 2-Fluorophenol
 Concen: 17.623 ng
 RT: 5.23 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: BM027205.D
 Acq: 24 Aug 2020 21:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.2	50.0	75.0
63	35.5	31.6	47.4





#7

Phenol-d6

Concen: 40.960 ng

RT: 6.79 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM027205.D

Acq: 24 Aug 2020 21:51

Instrument :

BNA_M

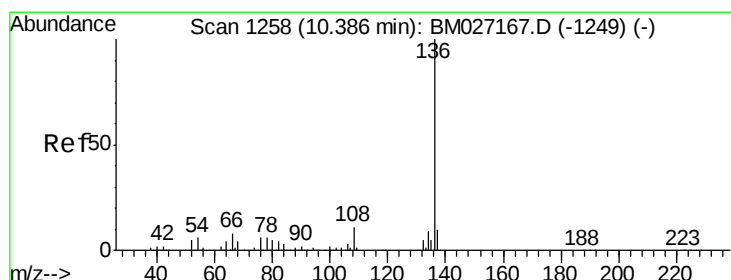
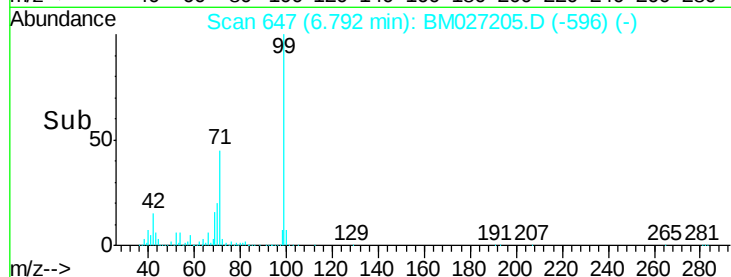
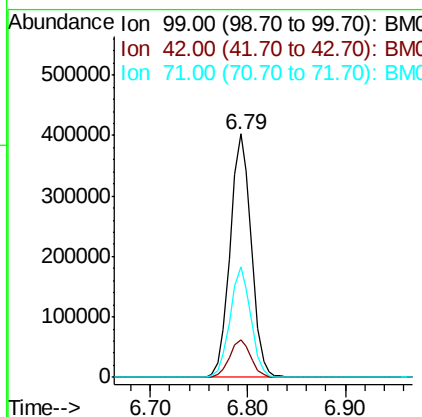
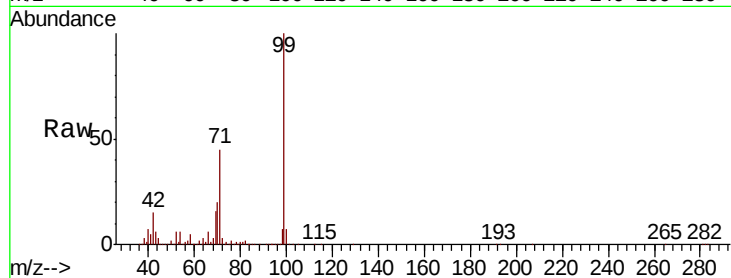
ClientSampleId :

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Tot Ion	99	Resp	604949
Ion	Ratio	Lower	Upper
99	100		
42	15.2	14.5	21.7
71	45.2	43.0	64.4

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#21

Naphthalene-d8

Concen: 20.000 ng

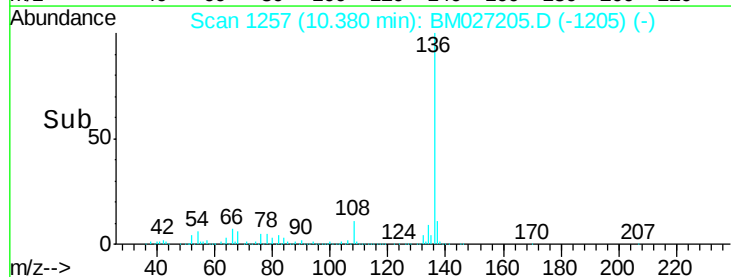
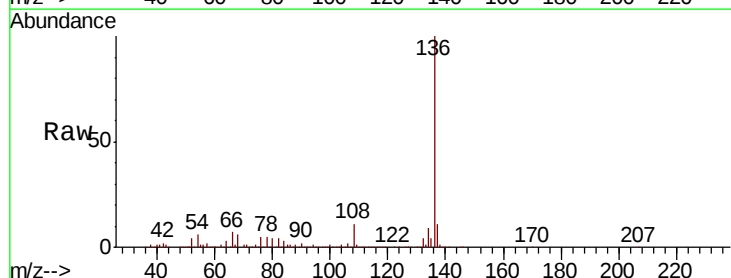
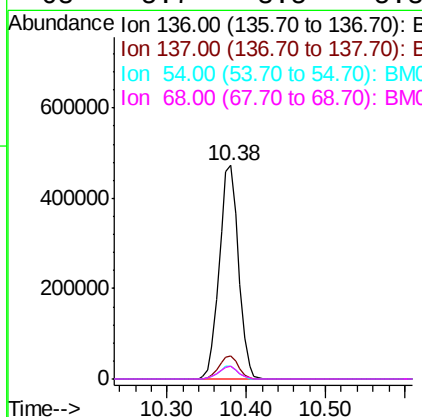
RT: 10.38 min Scan# 1257

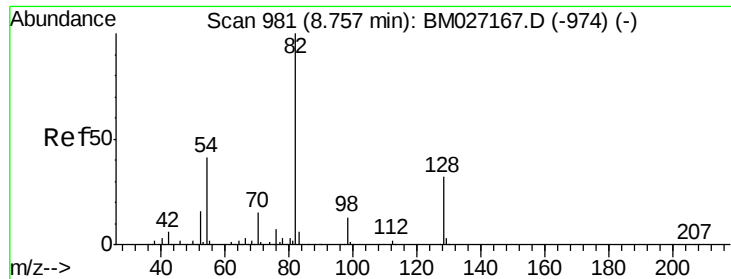
Delta R.T. 0.01 min

Lab File: BM027205.D

Acq: 24 Aug 2020 21:51

Tgt Ion	136	Resp	791158
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.4
54	6.2	4.8	7.2
68	5.7	3.5	5.3#





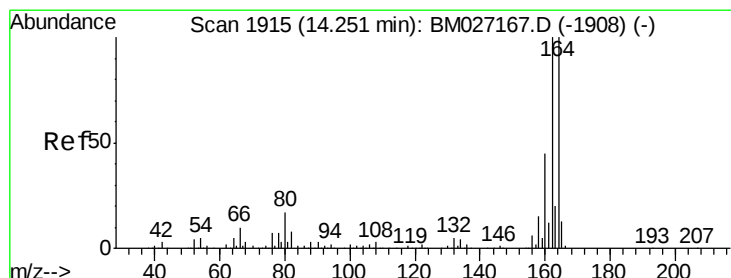
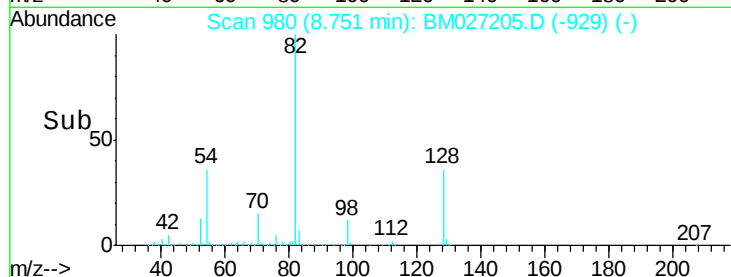
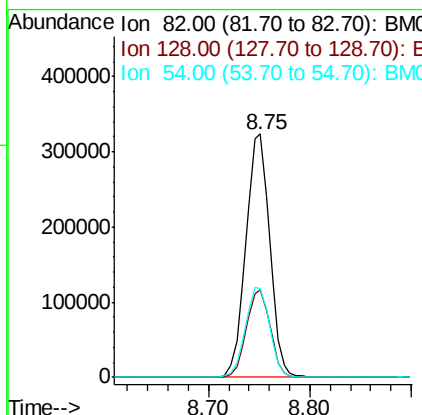
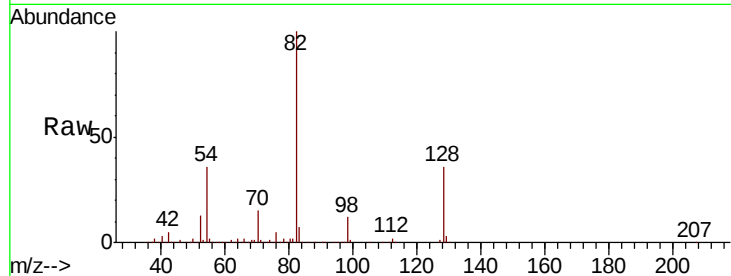
#23
Nitrobenzene-d5
Concen: 27.718 ng
RT: 8.75 min Scan# 980
Delta R.T. 0.00 min
Lab File: BM027205.D
Acq: 24 Aug 2020 21:51

Instrument :
BNA_M
ClientSampleId :
EROC-BF-1ARE

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.1	25.7	38.5
54	36.3	33.0	49.4

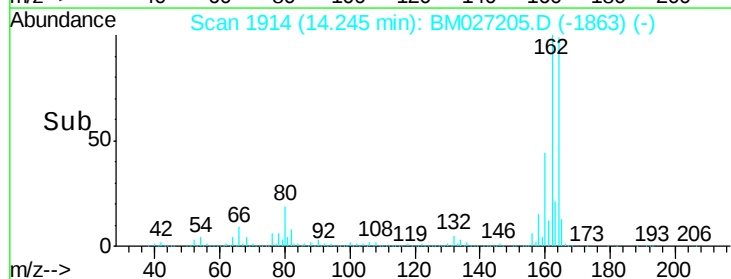
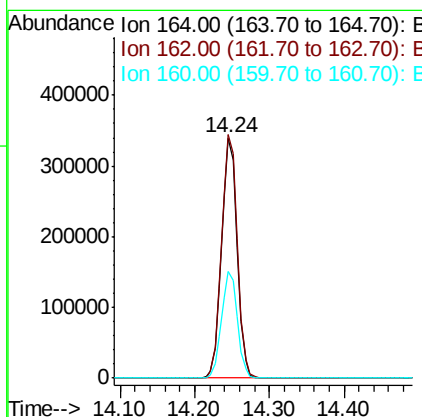
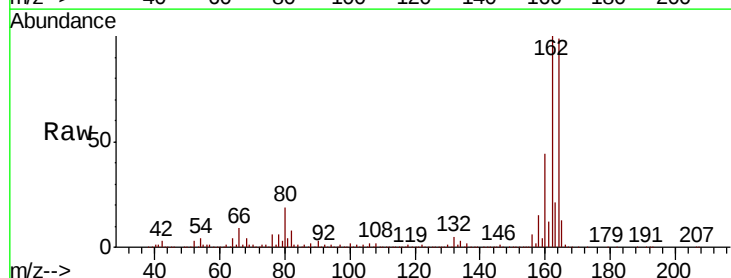
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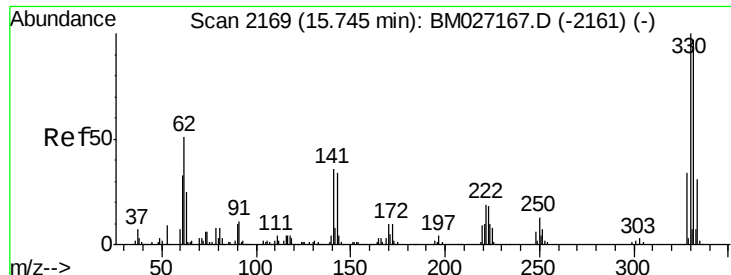
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.24 min Scan# 1914
Delta R.T. 0.00 min
Lab File: BM027205.D
Acq: 24 Aug 2020 21:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.2	120.4
160	44.5	36.3	54.5





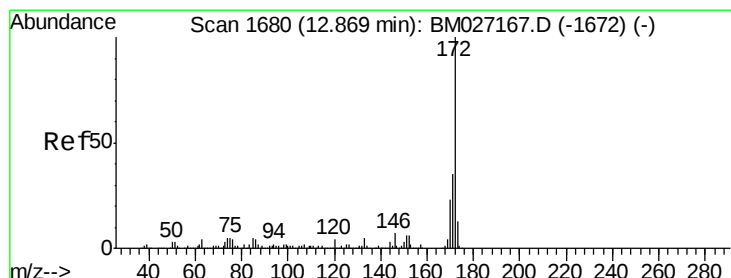
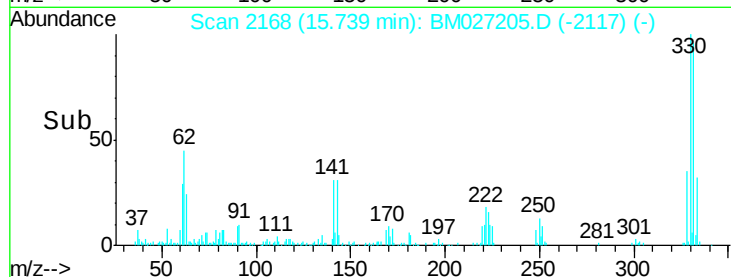
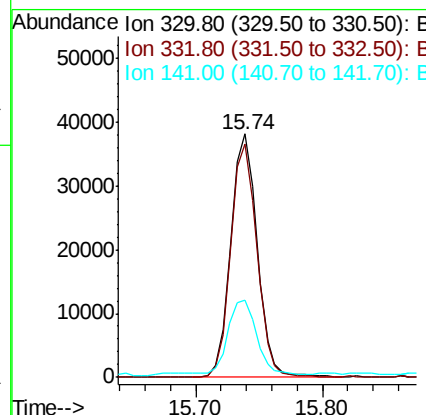
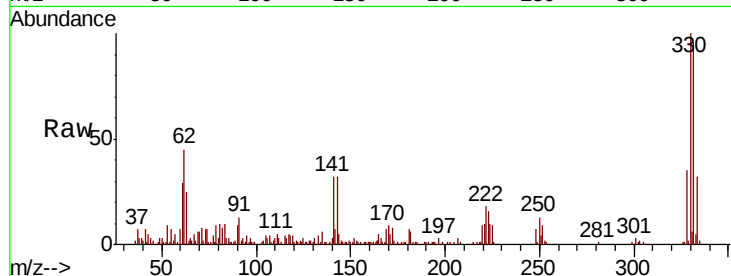
#42
 2,4,6-Tribromophenol
 Concen: 6.941 ng
 RT: 15.74 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: BM027205.D
 Acq: 24 Aug 2020 21:51

Instrument :
 BNA_M
 ClientSampleId :
 EROC-BF-1ARE

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.2	115.8
141	33.5	31.0	46.6

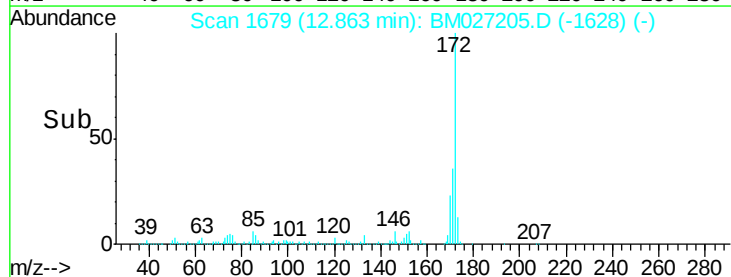
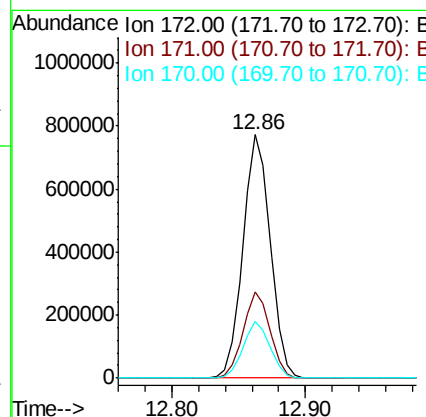
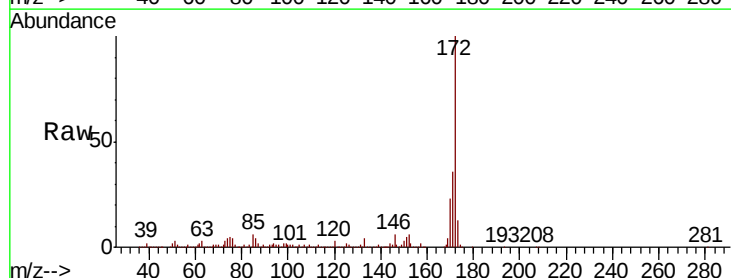
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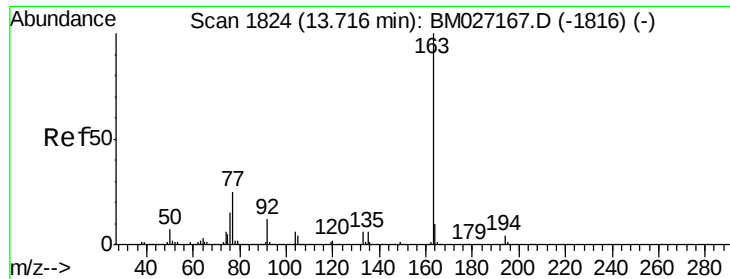
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#45
 2-Fluorobiphenyl
 Concen: 29.258 ng
 RT: 12.86 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BM027205.D
 Acq: 24 Aug 2020 21:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.1	42.1
170	23.2	18.6	28.0





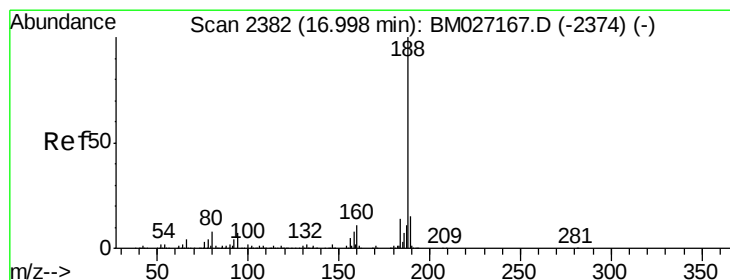
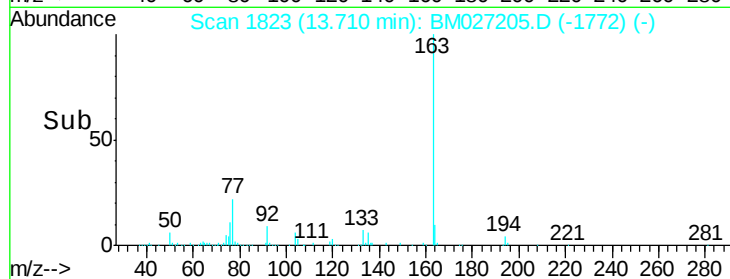
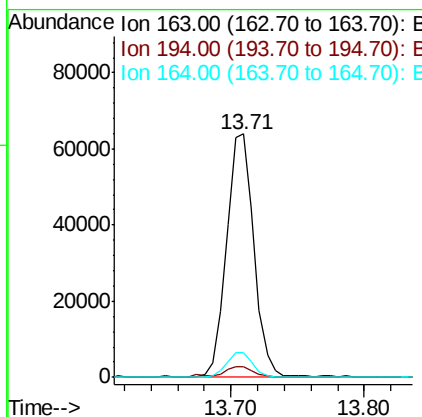
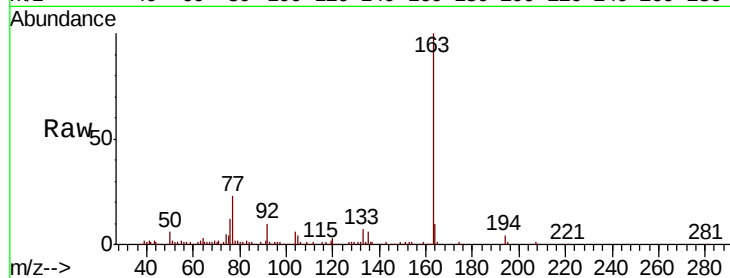
#50
Dimethylphthalate
Concen: 2.319 ng
RT: 13.71 min Scan# 1823
Delta R.T. 0.00 min
Lab File: BM027205.D
Acq: 24 Aug 2020 21:51

Instrument :
BNA_M
ClientSampleId :
EROC-BF-1ARE

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.1	8.2	12.2

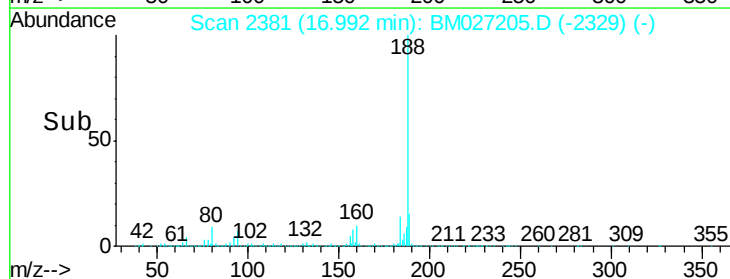
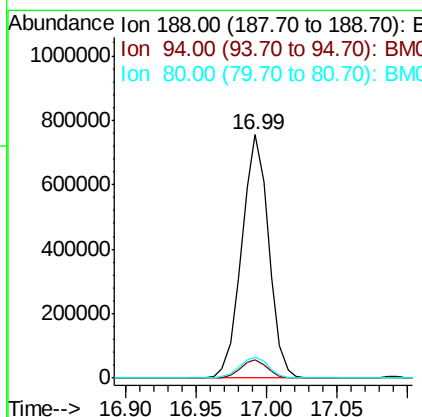
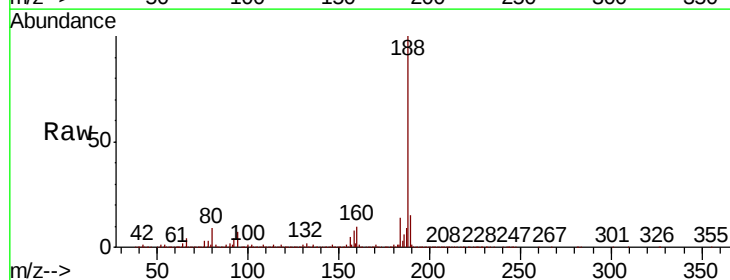
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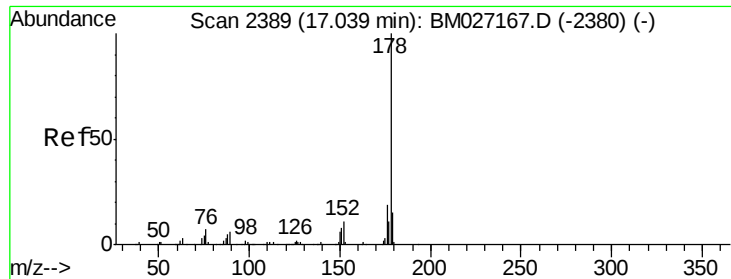
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2381
Delta R.T. 0.01 min
Lab File: BM027205.D
Acq: 24 Aug 2020 21:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.5	8.3
80	8.7	6.2	9.4





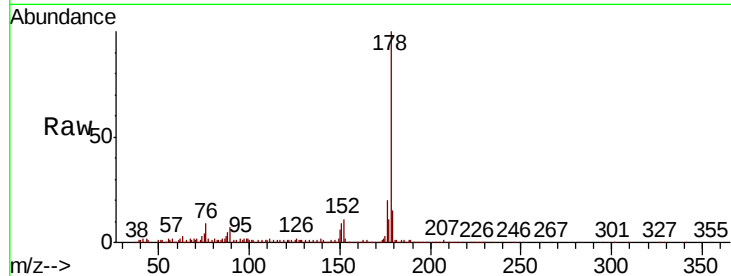
#71
Phenanthrene
Concen: 3.276 ng
RT: 17.03 min Scan# 2388
Delta R.T. 0.00 min
Lab File: BM027205.D
Acq: 24 Aug 2020 21:51

Instrument :
BNA_M
ClientSampleId :
EROC-BF-1ARE

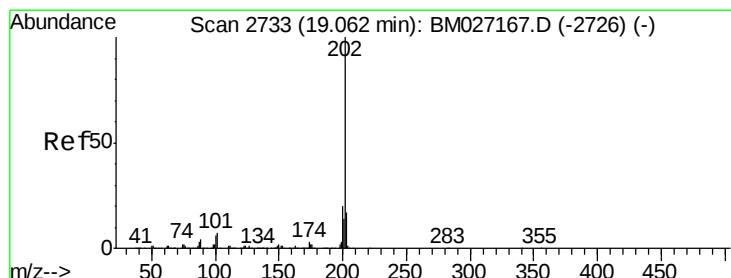
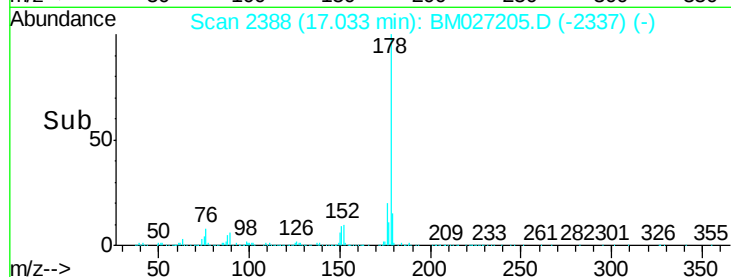
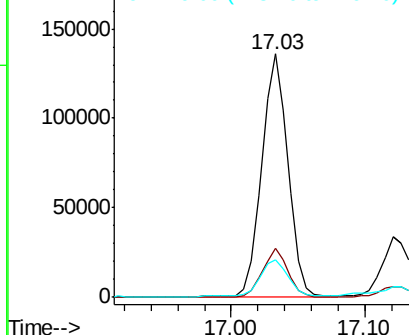
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.0	22.6
179	15.5	12.0	18.0

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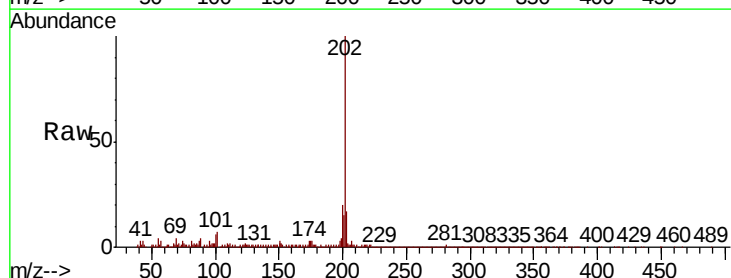


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

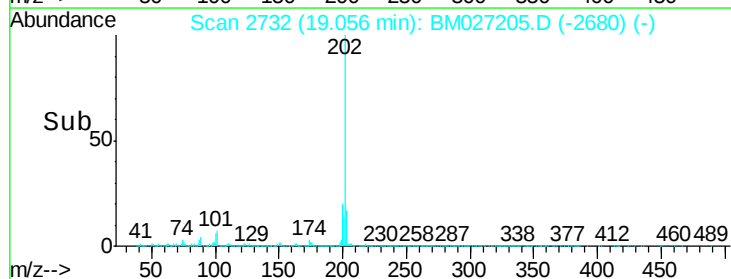
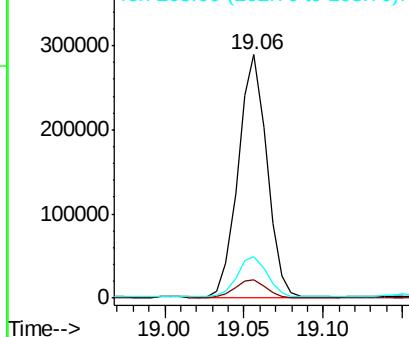


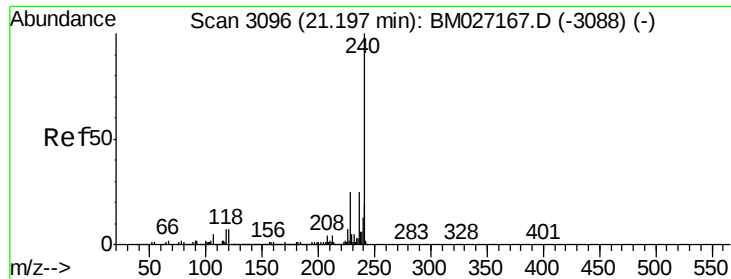
#75
Fluoranthene
Concen: 5.161 ng
RT: 19.06 min Scan# 2732
Delta R.T. 0.01 min
Lab File: BM027205.D
Acq: 24 Aug 2020 21:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	27.2
203	17.1	0.0	37.1



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





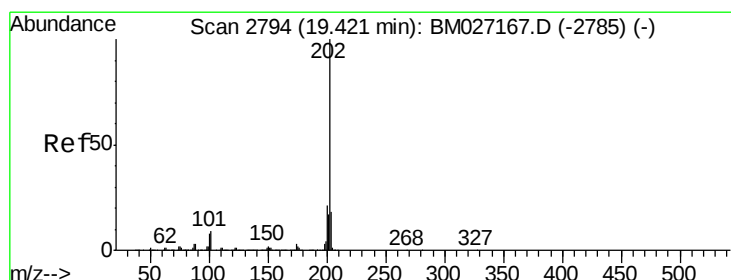
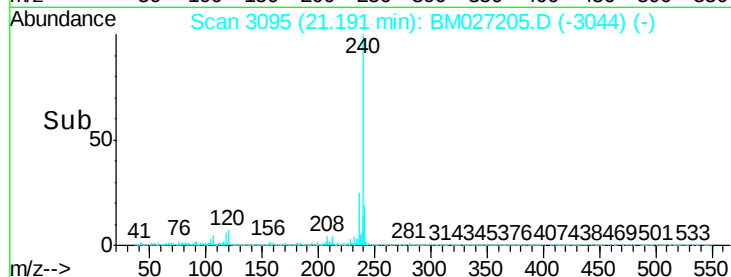
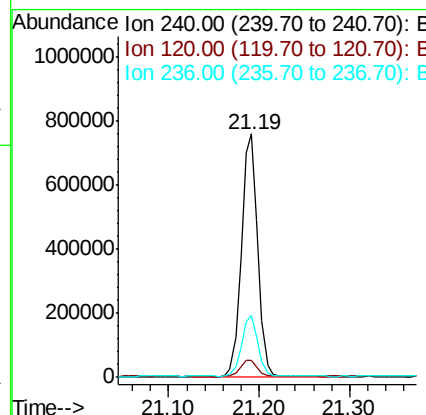
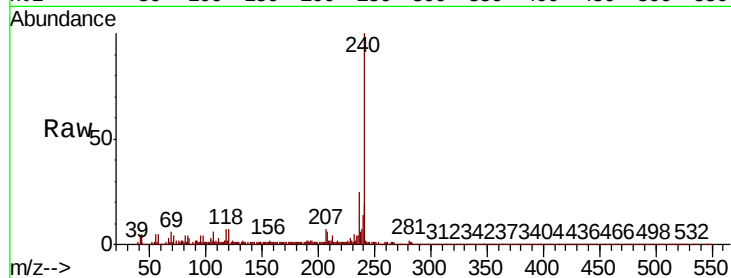
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3095
Delta R.T. 0.00 min
Lab File: BM027205.D
Acq: 24 Aug 2020 21:51

Instrument :
BNA_M
ClientSampleId :
EROC-BF-1ARE

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.1	5.6	8.4
236	25.4	19.8	29.6

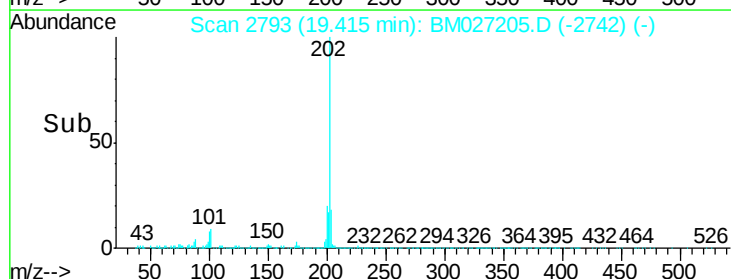
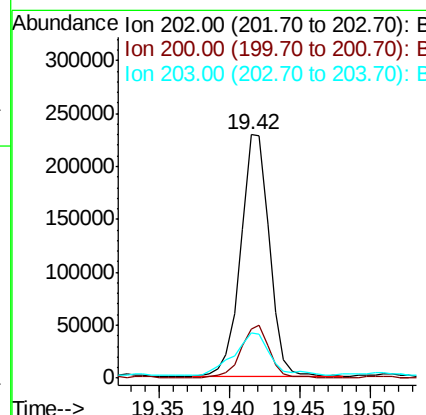
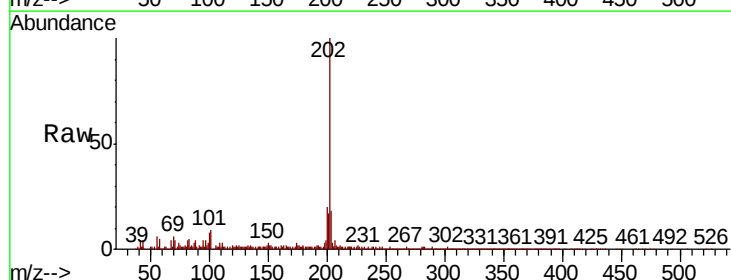
Manual Integrations
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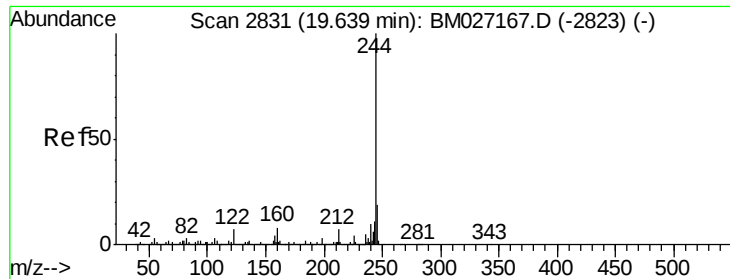
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#78
Pyrene
Concen: 5.610 ng
RT: 19.42 min Scan# 2793
Delta R.T. 0.00 min
Lab File: BM027205.D
Acq: 24 Aug 2020 21:51

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.6	25.0
203	18.3	14.0	21.0





#79

Terphenyl-d14

Concen: 26.581 ng

RT: 19.63 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BM027205.D

Acq: 24 Aug 2020 21:51

Instrument :

BNA_M

ClientSampleId :

EROC-BF-1ARE

Tot Ion:244 Resp: 1357847

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

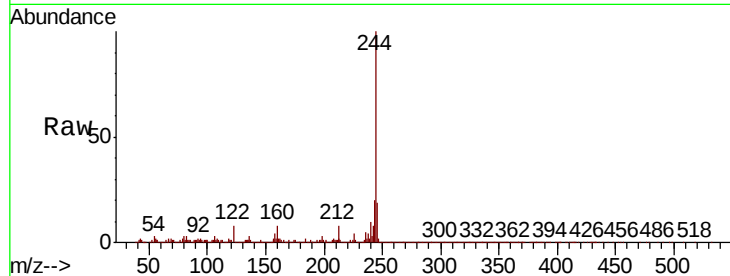
122 7.5 5.8 8.8

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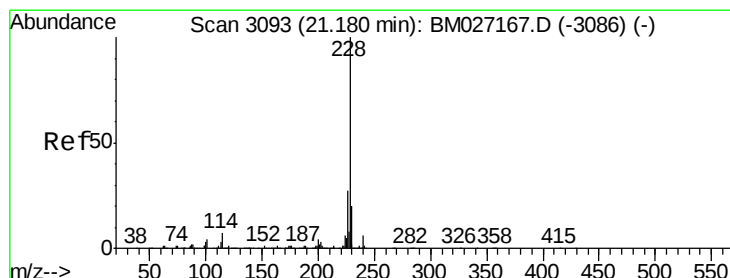
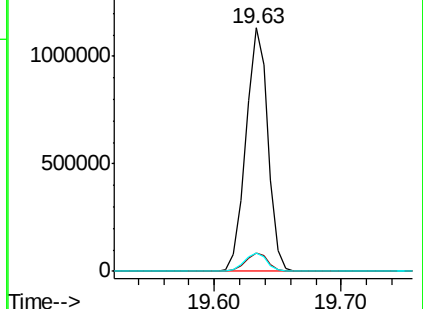
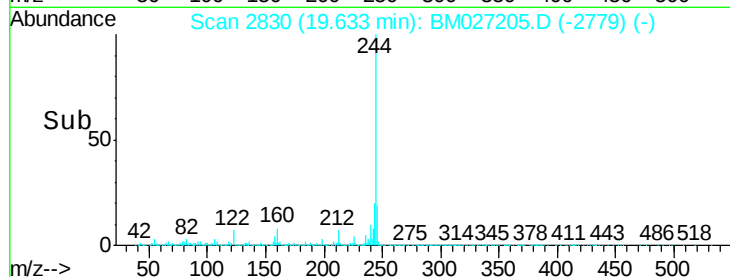
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 2.826 ng

RT: 21.17 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BM027205.D

Acq: 24 Aug 2020 21:51

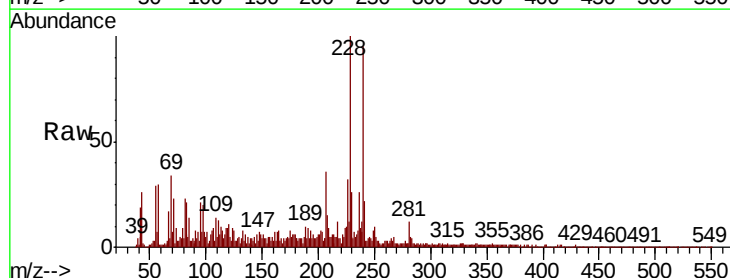
Tgt Ion:228 Resp: 174757

Ion Ratio Lower Upper

228 100

226 31.6 21.4 32.2

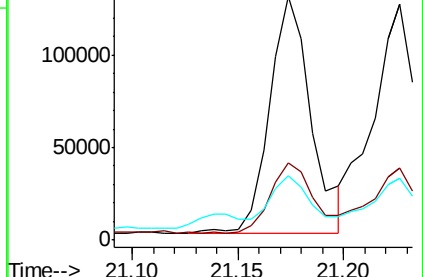
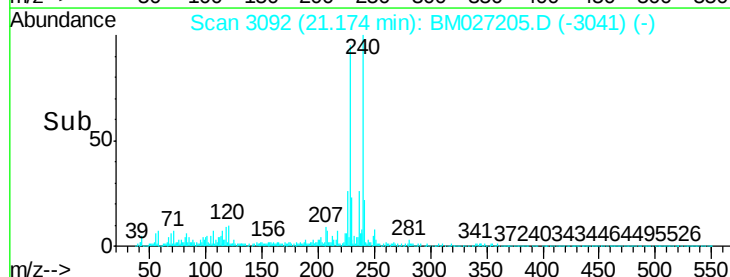
229 26.2 15.8 23.6#

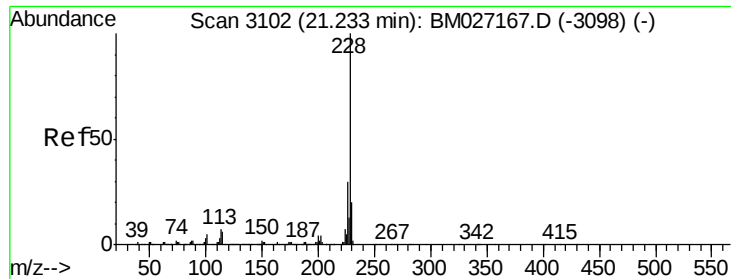


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





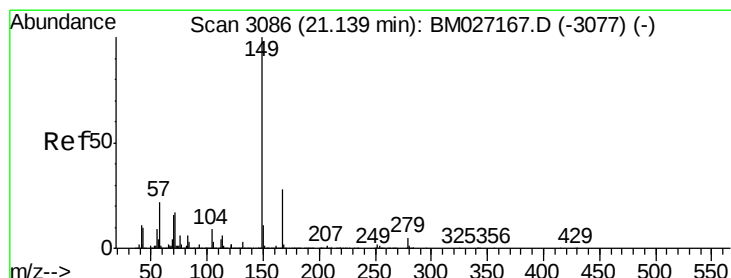
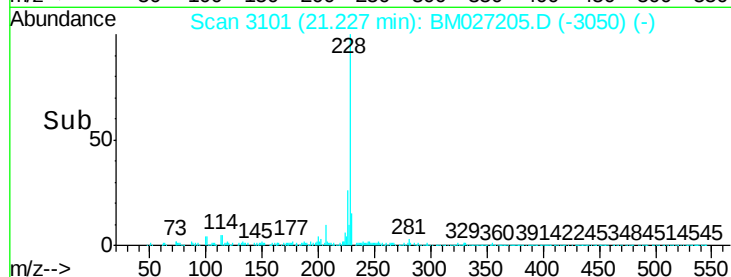
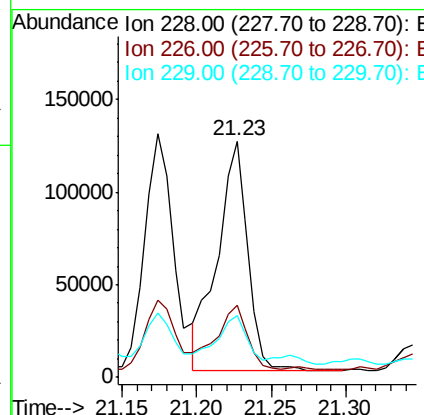
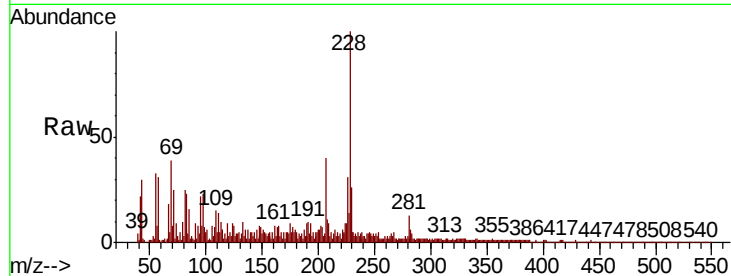
#83
Chrysene
Concen: 2.952 ng
RT: 21.23 min Scan# 3101
Delta R.T. 0.00 min
Lab File: BM027205.D
Acq: 24 Aug 2020 21:51

Instrument :
BNA_M
ClientSampleId :
EROC-BF-1ARE

Tot Ion	Ratio	Resp	Lower	Upper
228	100	177285		
226	30.6		23.7	35.5
229	26.4		15.8	23.8

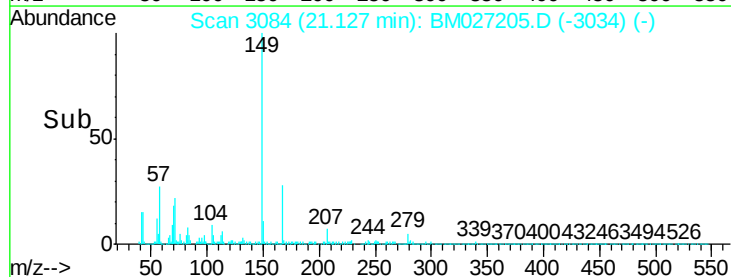
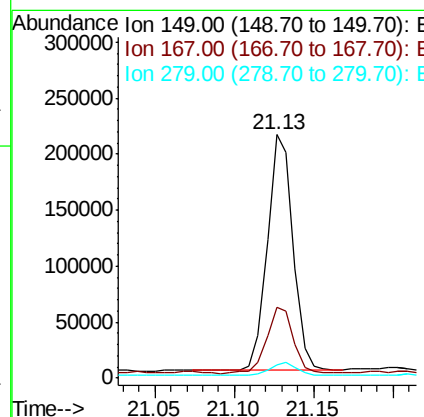
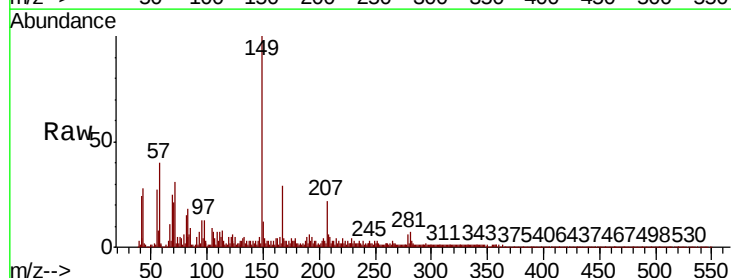
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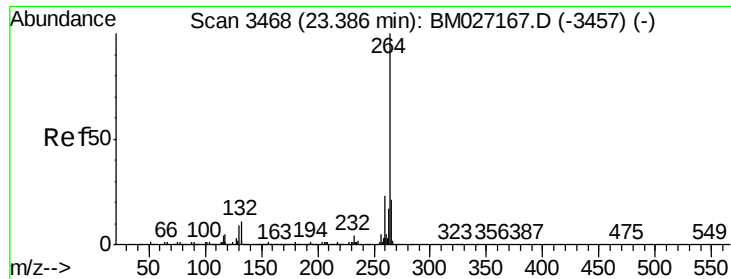
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#84
Bis(2-ethylhexyl)phthalate
Concen: 7.899 ng
RT: 21.13 min Scan# 3084
Delta R.T. -0.01 min
Lab File: BM027205.D
Acq: 24 Aug 2020 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	238609		
167	29.3		22.2	33.2
279	5.6		4.2	6.4





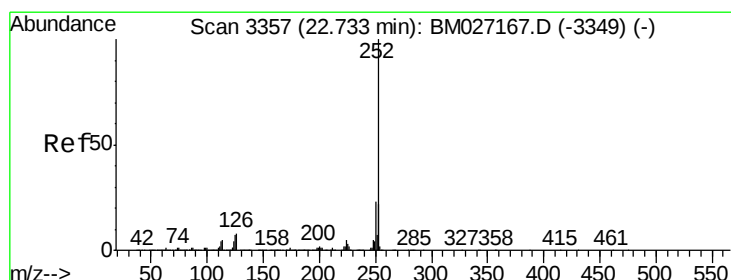
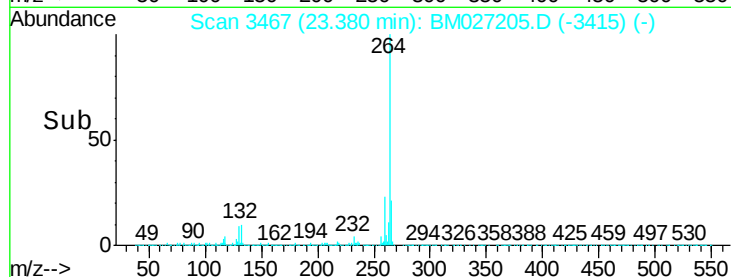
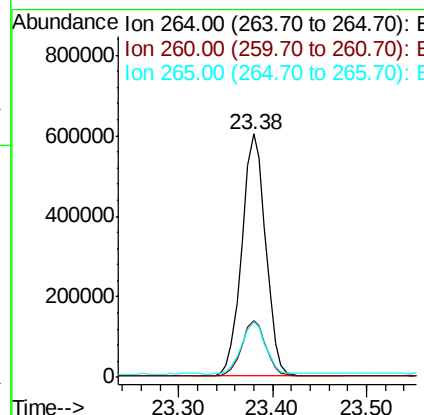
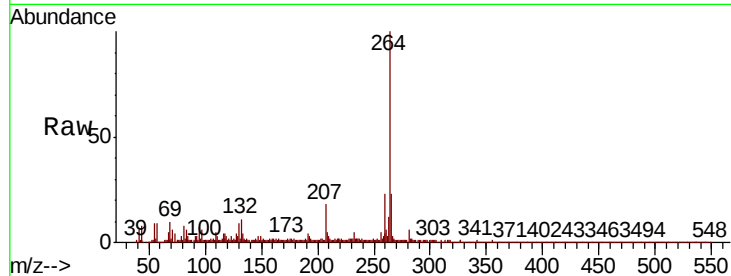
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3467
Delta R.T. 0.01 min
Lab File: BM027205.D
Acq: 24 Aug 2020 21:51

Instrument :
BNA_M
ClientSampleId :
EROC-BF-1ARE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	22.6	17.5	26.3

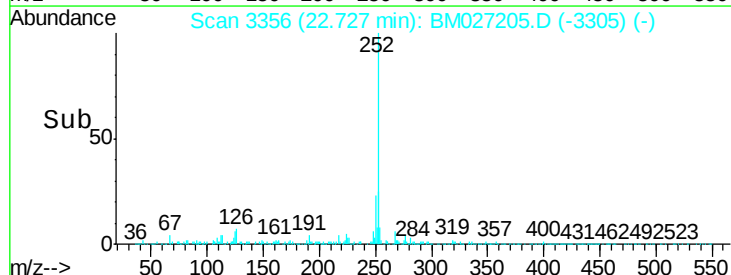
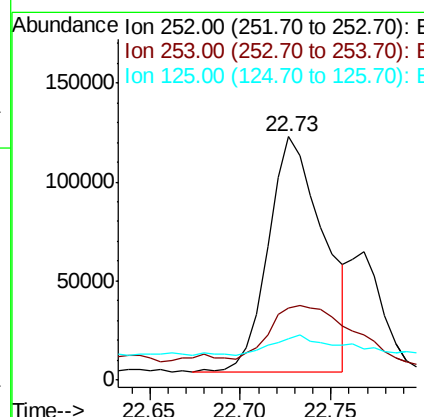
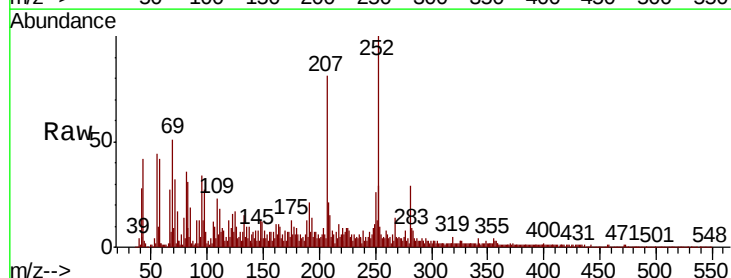
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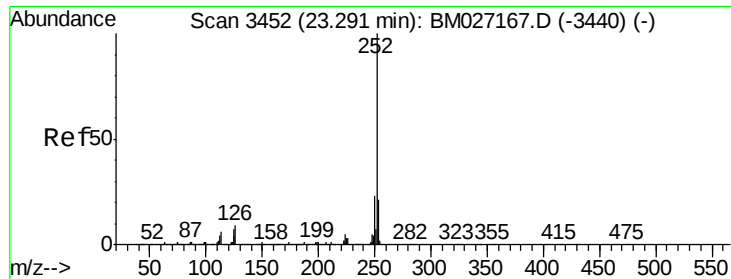
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#88
Benzo(b)fluoranthene
Concen: 3.539 ng m
RT: 22.73 min Scan# 3356
Delta R.T. 0.00 min
Lab File: BM027205.D
Acq: 24 Aug 2020 21:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.4	17.7	26.5#
125	16.9	5.4	8.0#





#90

Benzo(a)pyrene

Concen: 2.598 ng

RT: 23.28 min Scan# 3450

Delta R.T. 0.00 min

Lab File: BM027205.D

Acq: 24 Aug 2020 21:51

Instrument :

BNA_M

ClientSampleId :

EROC-BF-1ARE

Tot Ion	Ratio	Resp	Lower	Upper
252	100	167752		
253	28.8	17.1	25.7#	
125	20.2	5.8	8.6#	

Manual Integrations
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