

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
 Data File : BM029730.D
 Acq On : 30 Apr 2021 15:34
 Operator : CG/JU
 Sample : M2224-01 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CL-01-042921

Manual Integrations
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Quant Time: Apr 30 16:08:29 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 29 17:34:54 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.592	152	75141	20.00	ng	0.00
21) Naphthalene-d8	10.369	136	260900	20.00	ng	# 0.00
39) Acenaphthene-d10	14.239	164	179890	20.00	ng	0.00
64) Phenanthrene-d10	16.980	188	404037	20.00	ng	#-0.01
76) Chrysene-d12	21.168	240	466743	20.00	ng	#-0.01
86) Perylene-d12	23.338	264	502349	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.193	112	168390	46.72	ng	0.00
7) Phenol-d6	6.775	99	204780	41.85	ng	0.00
23) Nitrobenzene-d5	8.745	82	134128	29.70	ng	0.00
42) 2,4,6-Tribromophenol	15.733	330	130917	45.84	ng	0.00
45) 2-Fluorobiphenyl	12.851	172	413902	29.84	ng	-0.01
79) Terphenyl-d14	19.615	244	699060	27.49	ng	-0.01
Target Compounds						Qvalue
49) Acenaphthylene	13.957	152	36144	2.18	ng	99
71) Phenanthrene	17.021	178	57768	2.54	ng	97
72) Anthracene	17.115	178	47349	2.09	ng	98
75) Fluoranthene	19.045	202	144166	5.16	ng	97
78) Pyrene	19.403	202	225362	7.53	ng	98
81) Benzo(a)anthracene	21.150	228	146717	4.83	ng	93
83) Chrysene	21.203	228	152667	5.07	ng	97
87) Indeno(1,2,3-cd)pyrene	25.515	276	98300m	2.59	ng	
88) Benzo(b)fluoranthene	22.691	252	167694m	5.05	ng	
90) Benzo(a)pyrene	23.244	252	145596	4.79	ng	97
92) Benzo(g,h,i)perylene	26.179	276	98694	3.19	ng	98

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

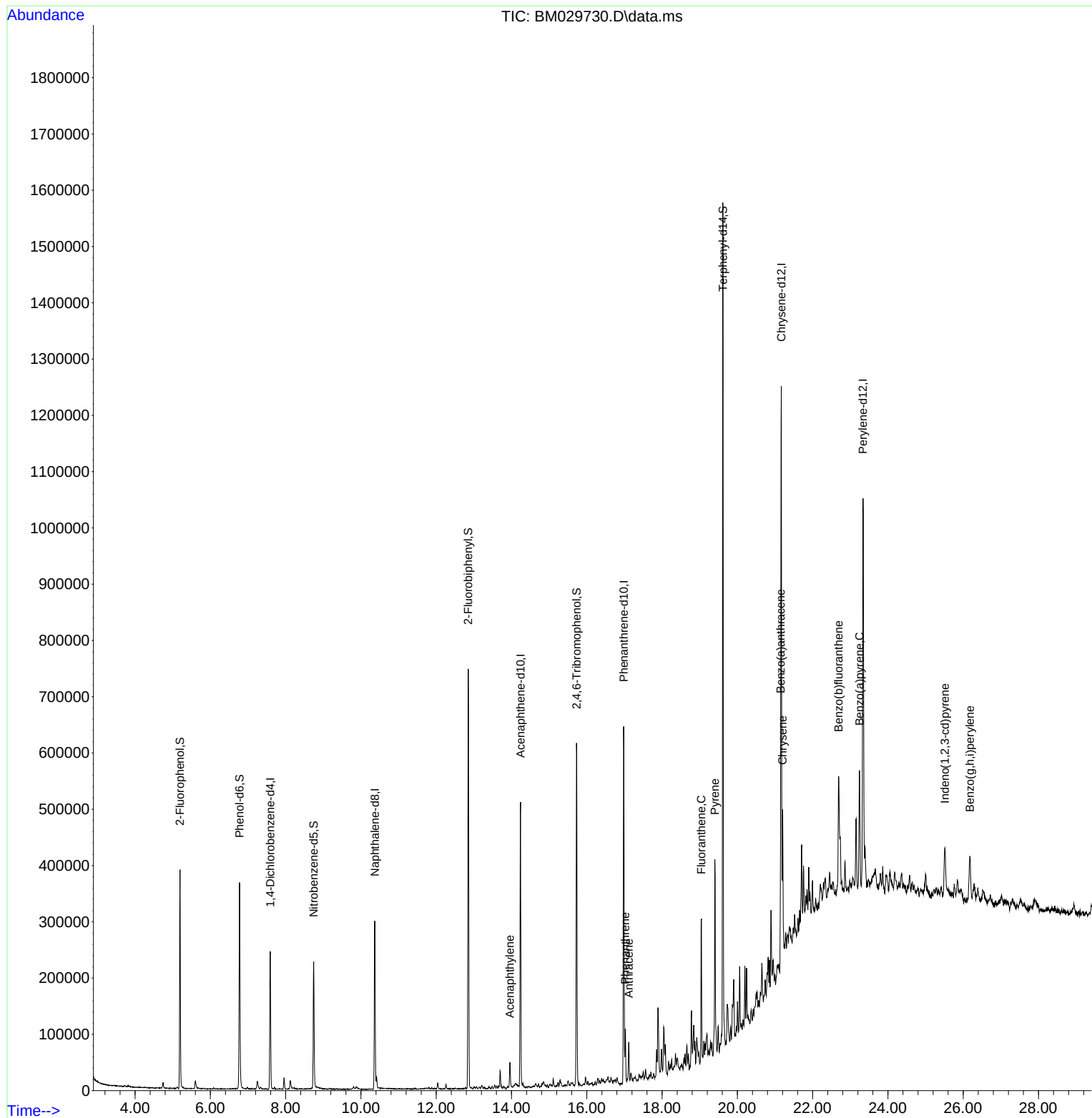
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029730.D
Acq On : 30 Apr 2021 15:34
Operator : CG/JU
Sample : M2224-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

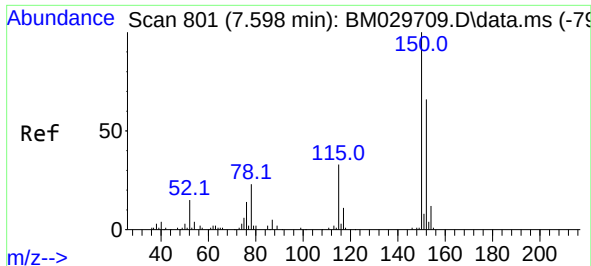
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
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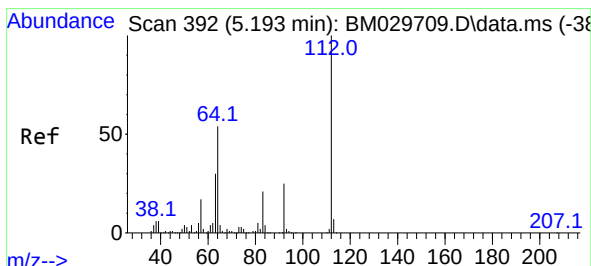
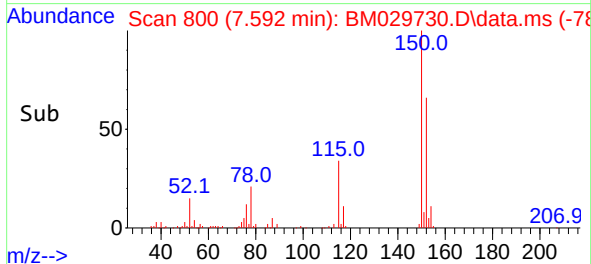
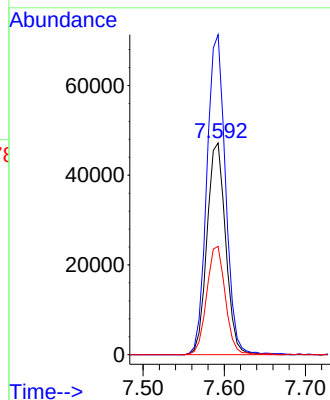
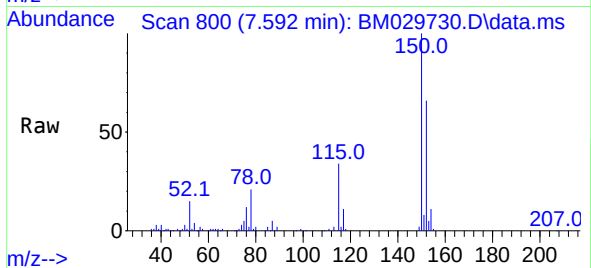
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.592 min Scan# 800
Delta R.T. -0.006 min
Lab File: BM029730.D
Acq: 30 Apr 2021 15:34

Tgt Ion:	152	Resp:	75141
Ion Ratio	Lower	Upper	
152	100		
150	151.1	125.9	188.9
115	51.2	44.6	67.0

Instrument :
BNA_M
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CL-01-042921

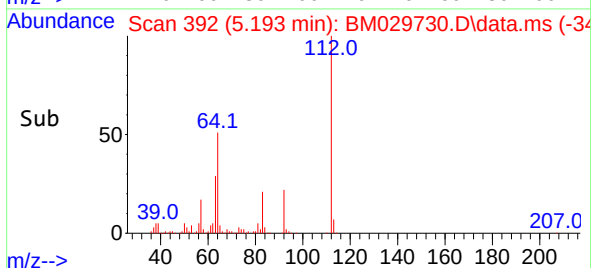
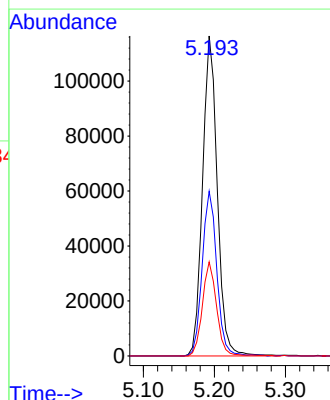
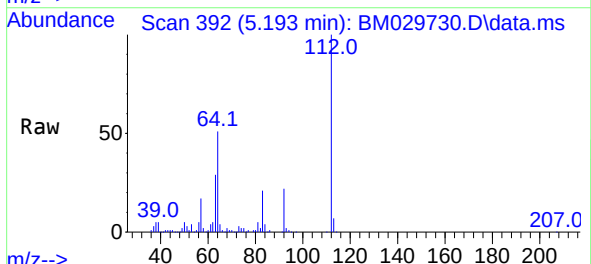
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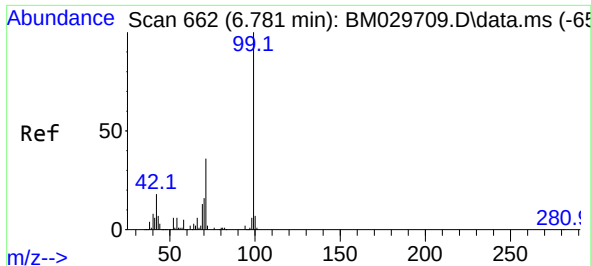
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#5
2-Fluorophenol
Concen: 46.72 ng
RT: 5.193 min Scan# 392
Delta R.T. 0.000 min
Lab File: BM029730.D
Acq: 30 Apr 2021 15:34

Tgt Ion:	112	Resp:	168390
Ion Ratio	Lower	Upper	
112	100		
64	51.5	47.1	70.7
63	29.4	27.3	40.9





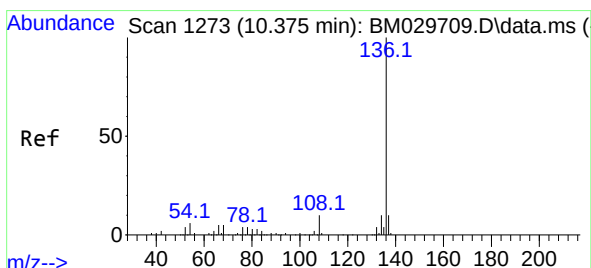
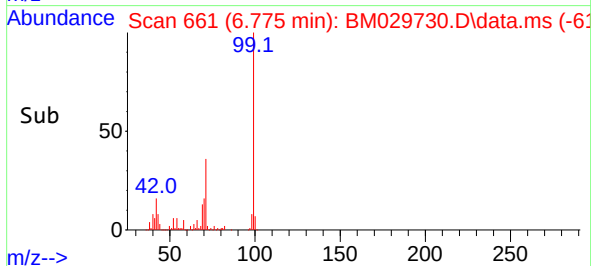
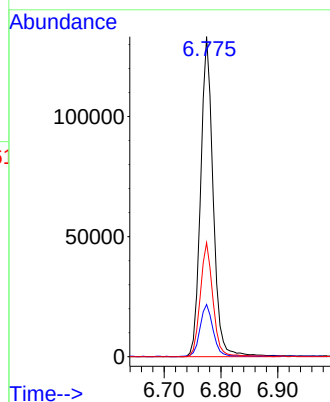
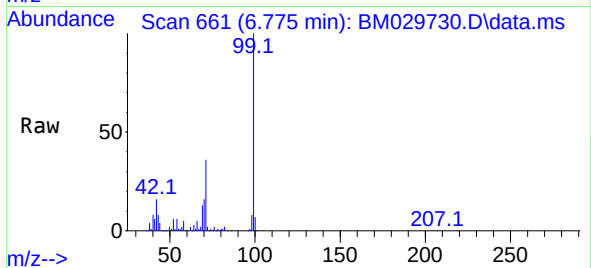
#7
Phenol-d6
Concen: 41.85 ng
RT: 6.775 min Scan# 661
Delta R.T. -0.006 min
Lab File: BM029730.D
Acq: 30 Apr 2021 15:34

Tgt Ion: 99 Resp: 204780
Ion Ratio Lower Upper
99 100
42 16.3 18.0 27.0#
71 35.6 30.9 46.3

Instrument :
BNA_M
ClientSampleId :
CL-01-042921

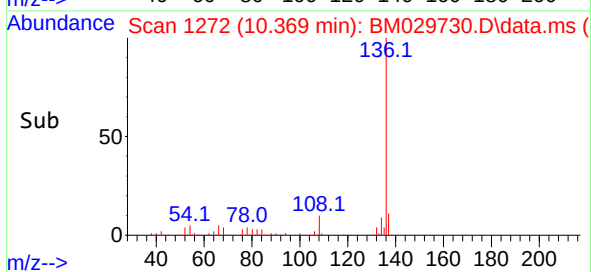
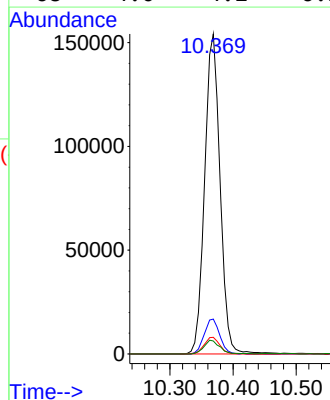
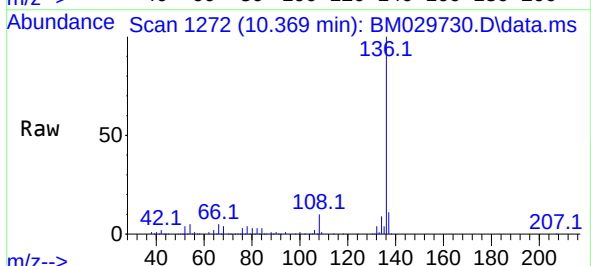
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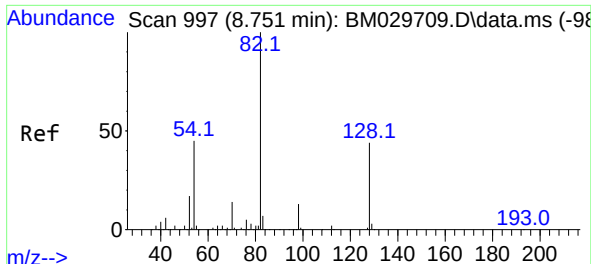
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.369 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM029730.D
Acq: 30 Apr 2021 15:34

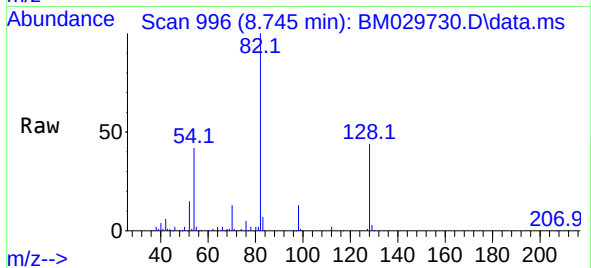
Tgt Ion: 136 Resp: 260900
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 5.2 5.5 8.3#
68 4.0 4.2 6.2#





#23
Nitrobenzene-d5
Concen: 29.70 ng
RT: 8.745 min Scan# 996
Delta R.T. -0.006 min
Lab File: BM029730.D
Acq: 30 Apr 2021 15:34

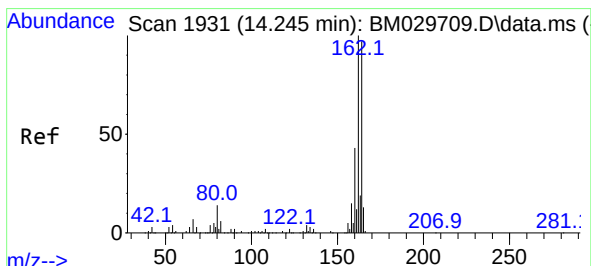
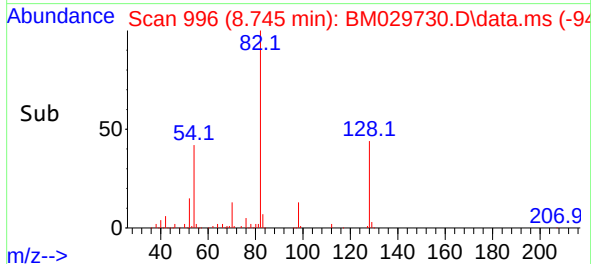
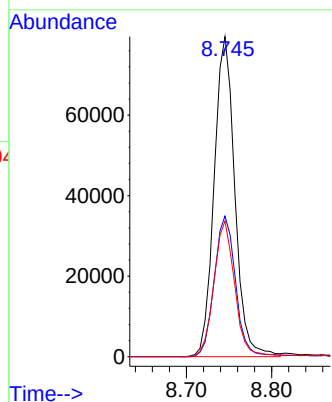
Instrument :
BNA_M
ClientSampled :
CL-01-042921



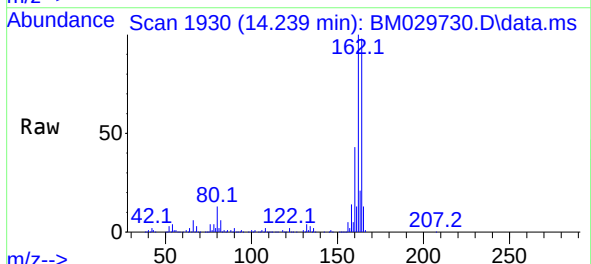
Tgt Ion: 82 Resp: 134128
Ion Ratio Lower Upper
82 100
128 43.9 31.1 46.7
54 42.4 37.3 55.9

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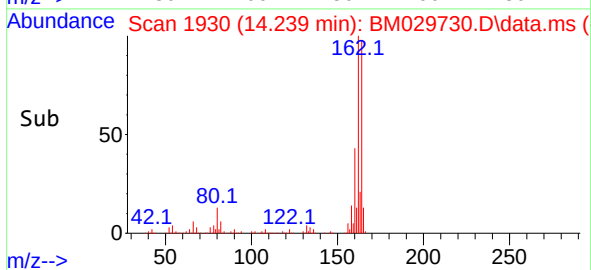
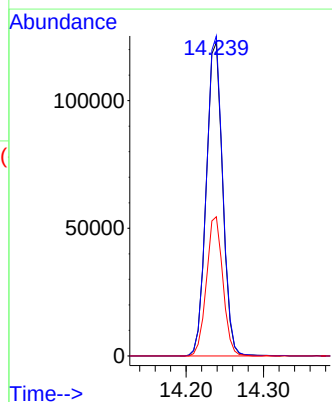
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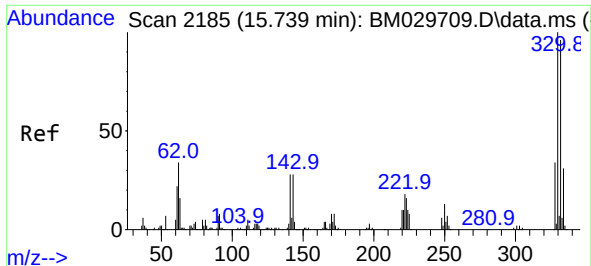


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.239 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BM029730.D
Acq: 30 Apr 2021 15:34

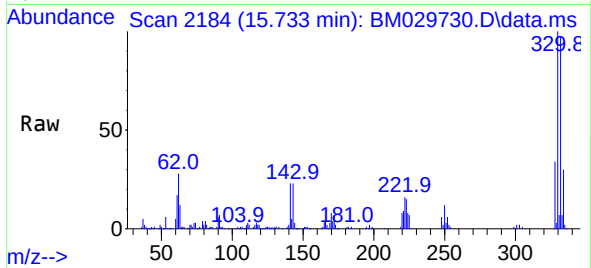


Tgt Ion: 164 Resp: 179890
Ion Ratio Lower Upper
164 100
162 102.1 83.4 125.0
160 44.4 37.2 55.8

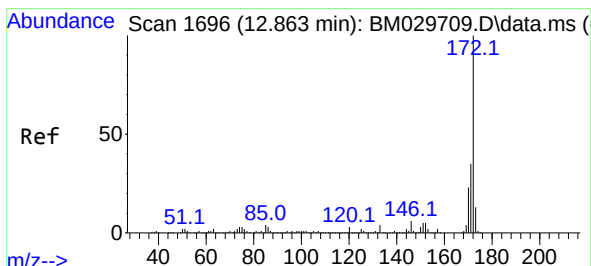
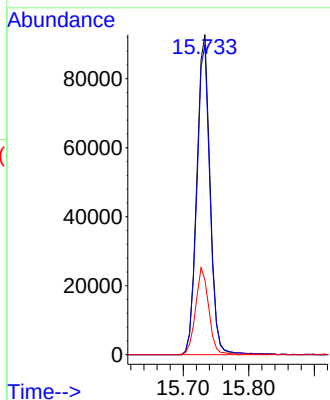
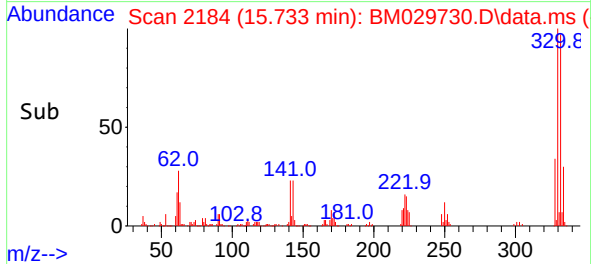




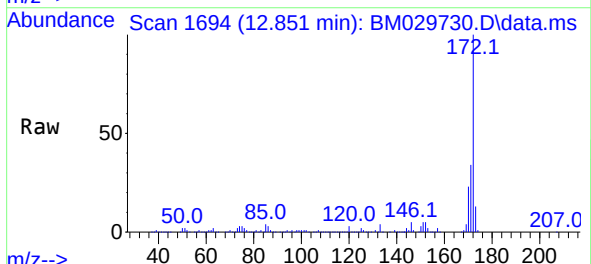
#42
2,4,6-Tribromophenol
Concen: 45.84 ng
RT: 15.733 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BM029730.D
Acq: 30 Apr 2021 15:34



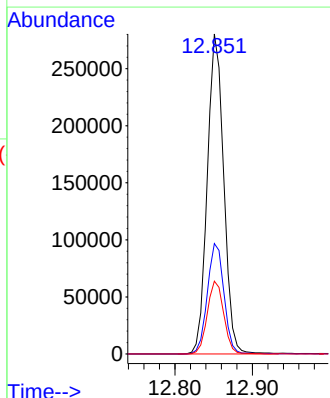
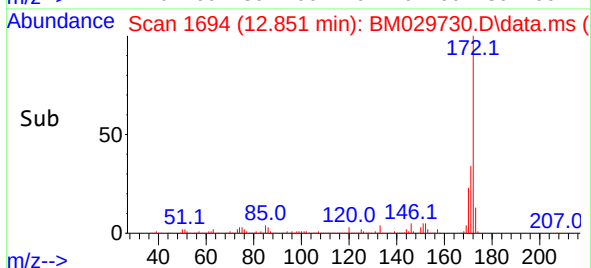
Tgt Ion:330 Resp: 130917
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.4
141 26.9 30.2 45.2#



#45
2-Fluorobiphenyl
Concen: 29.84 ng
RT: 12.851 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BM029730.D
Acq: 30 Apr 2021 15:34



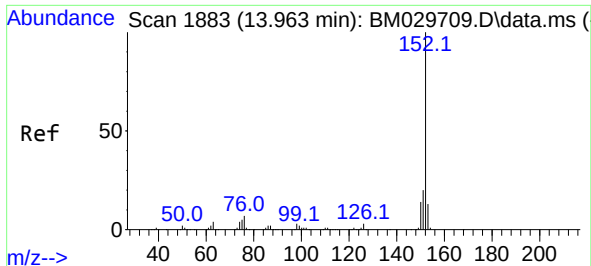
Tgt Ion:172 Resp: 413902
Ion Ratio Lower Upper
172 100
171 34.5 28.6 43.0
170 22.7 18.4 27.6



Instrument :
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CL-01-042921

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#49

Acenaphthylene

Concen: 2.18 ng

RT: 13.957 min Scan# 1882

Delta R.T. -0.006 min

Lab File: BM029730.D

Acq: 30 Apr 2021 15:34

Tgt Ion:	152	Resp:	36144
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.3	24.5
153	13.2	10.2	15.4

Instrument :

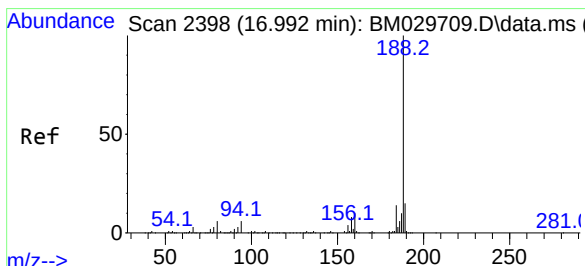
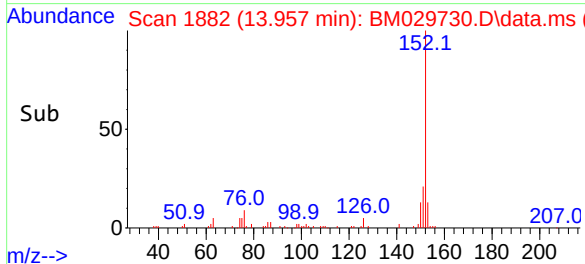
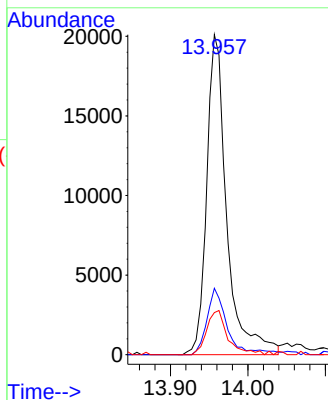
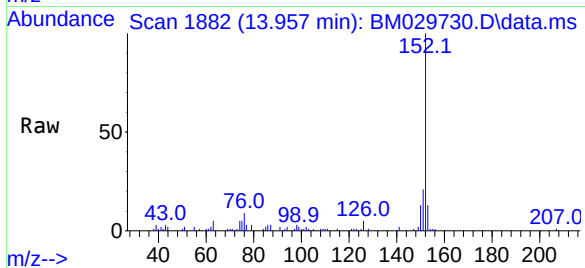
BNA_M

ClientSampleId :

CL-01-042921

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#64

Phenanthrene-d10

Concen: 20.00 ng

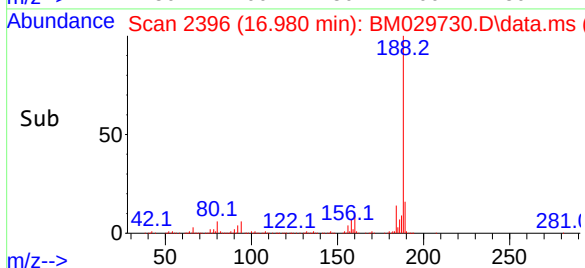
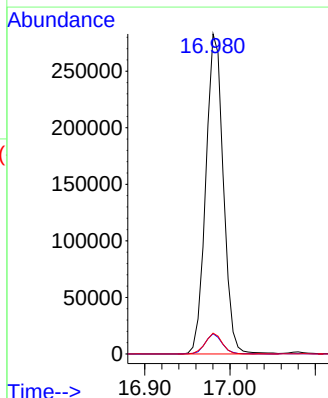
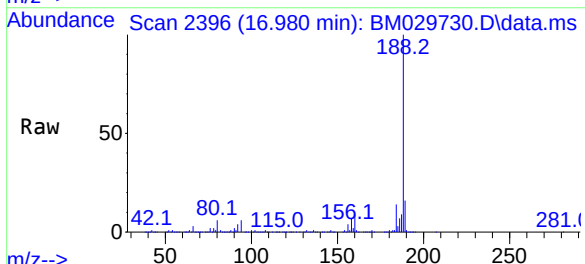
RT: 16.980 min Scan# 2396

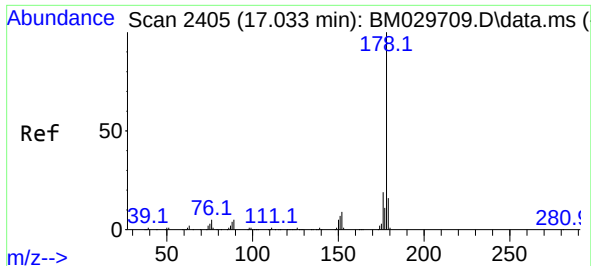
Delta R.T. -0.012 min

Lab File: BM029730.D

Acq: 30 Apr 2021 15:34

Tgt Ion:	188	Resp:	404037
Ion Ratio	Lower	Upper	
188	100		
94	6.4	6.0	9.0
80	6.5	6.6	9.8





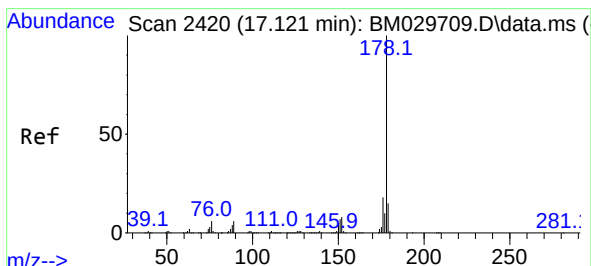
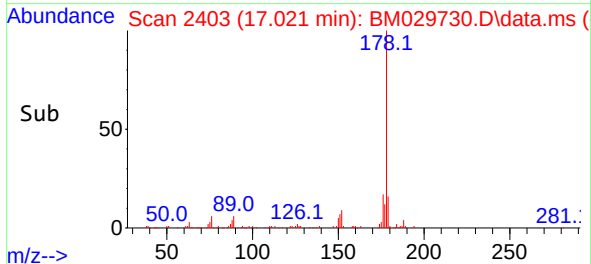
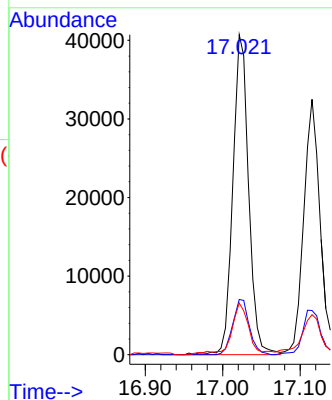
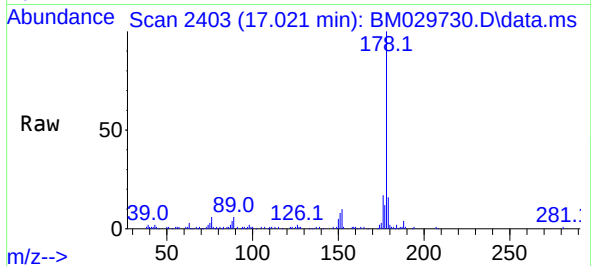
#71
Phenanthrene
Concen: 2.54 ng
RT: 17.021 min Scan# 2403
Delta R.T. -0.012 min
Lab File: BM029730.D
Acq: 30 Apr 2021 15:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.3	15.4	23.0
179	16.2	12.2	18.4

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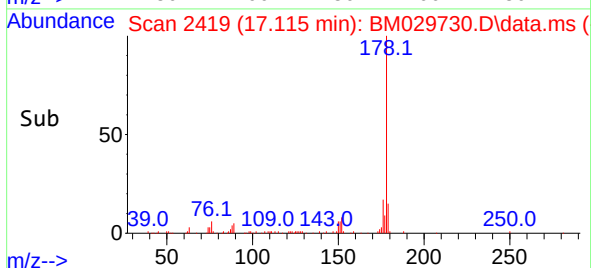
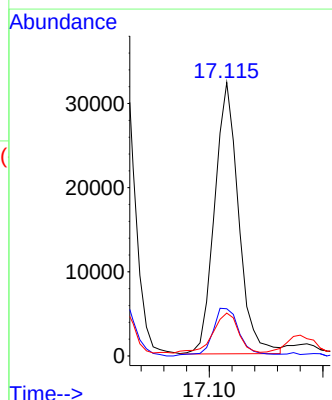
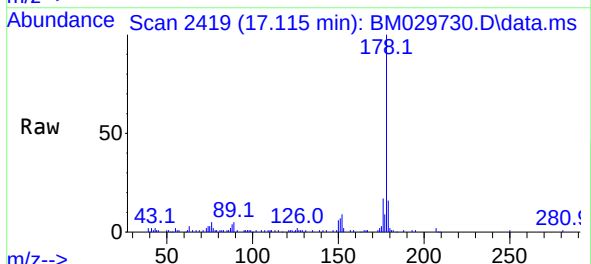
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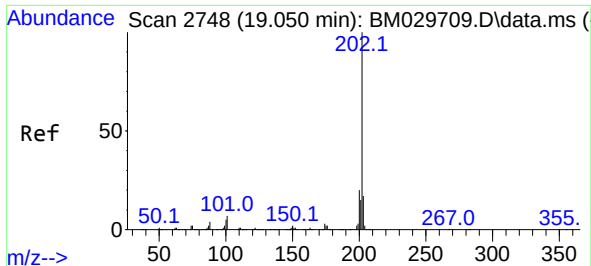
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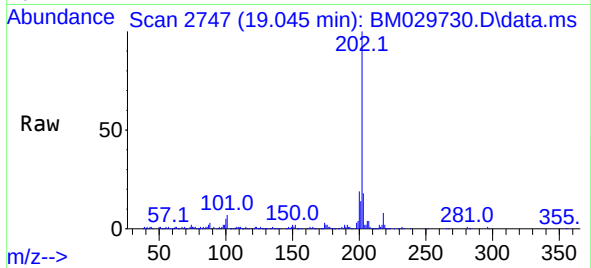
#72
Anthracene
Concen: 2.09 ng
RT: 17.115 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BM029730.D
Acq: 30 Apr 2021 15:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.3	15.0	22.4
179	15.7	12.5	18.7

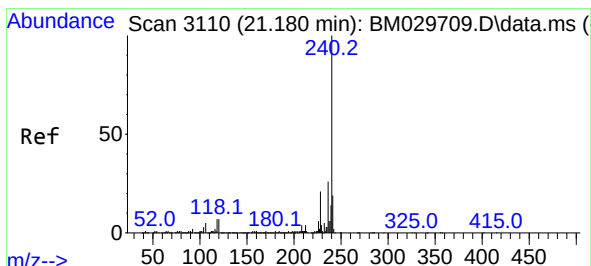
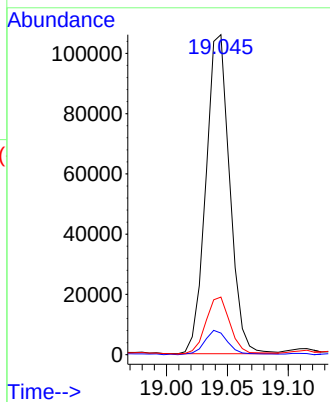
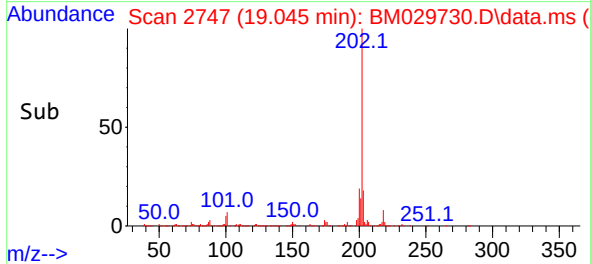




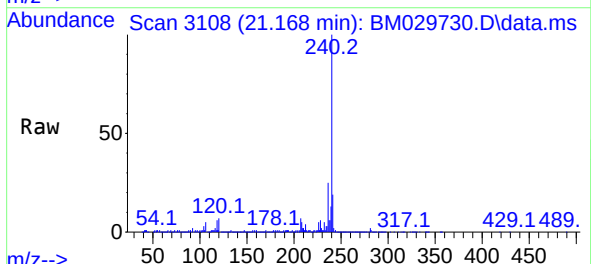
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Fluoranthene
Concen: 5.16 ng
RT: 19.045 min Scan# 2747
Delta R.T. -0.006 min
Lab File: BM029730.D
Acq: 30 Apr 2021 15:34



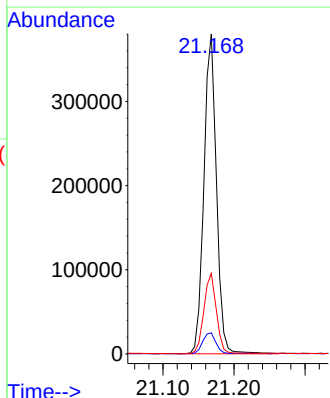
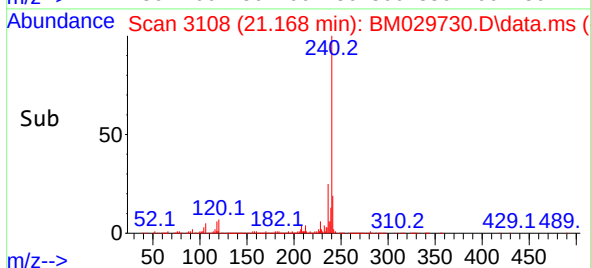
Tgt Ion:202 Resp: 144166
Ion Ratio Lower Upper
202 100
101 6.7 0.0 28.6
203 18.0 0.0 37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.168 min Scan# 3108
Delta R.T. -0.012 min
Lab File: BM029730.D
Acq: 30 Apr 2021 15:34



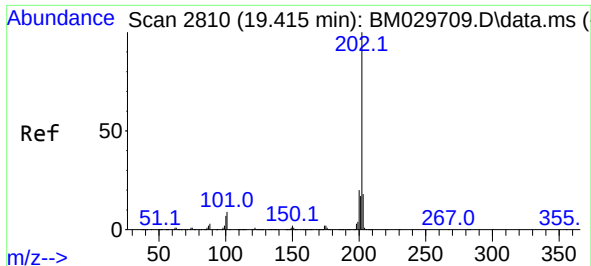
Tgt Ion:240 Resp: 466743
Ion Ratio Lower Upper
240 100
120 6.6 7.0 10.6#
236 25.2 21.0 31.4



Instrument :
BNA_M
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CL-01-042921

Manual Integrations
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5/3/2021 10:49:22 AM



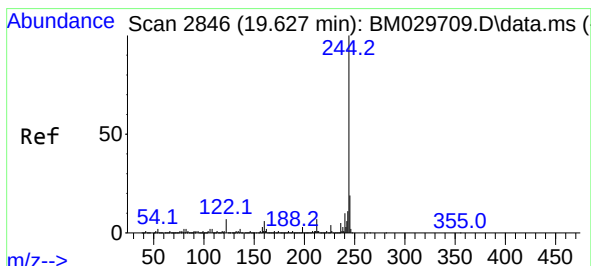
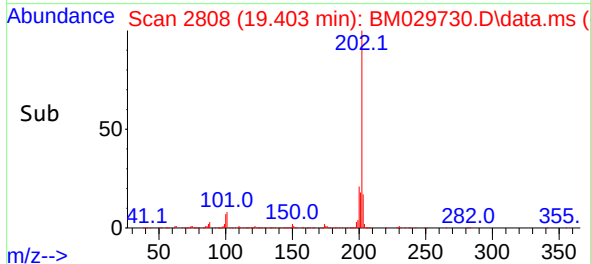
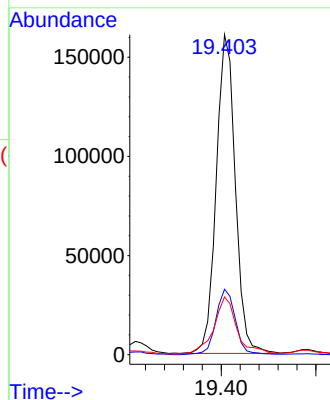
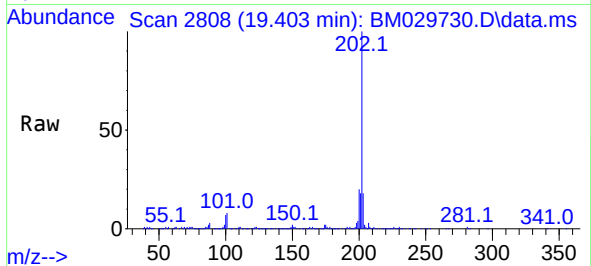
#78
Pyrene
Concen: 7.53 ng
RT: 19.403 min Scan# 2808
Delta R.T. -0.012 min
Lab File: BM029730.D
Acq: 30 Apr 2021 15:34

Tgt Ion:202 Resp: 225362
Ion Ratio Lower Upper
202 100
200 20.5 17.3 25.9
203 18.1 13.9 20.9

Instrument :
BNA_M
ClientSampleId :
CL-01-042921

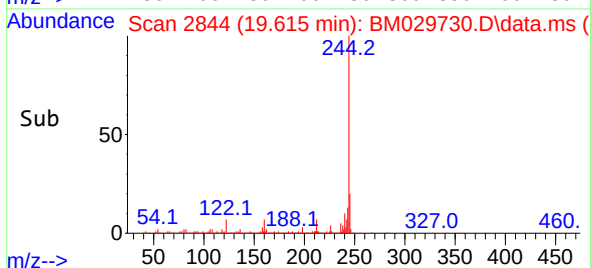
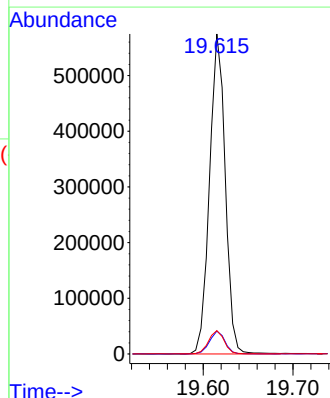
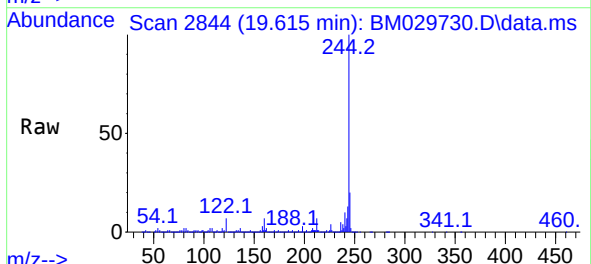
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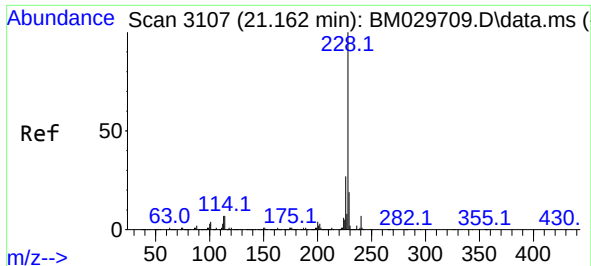
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#79
Terphenyl-d14
Concen: 27.49 ng
RT: 19.615 min Scan# 2844
Delta R.T. -0.012 min
Lab File: BM029730.D
Acq: 30 Apr 2021 15:34

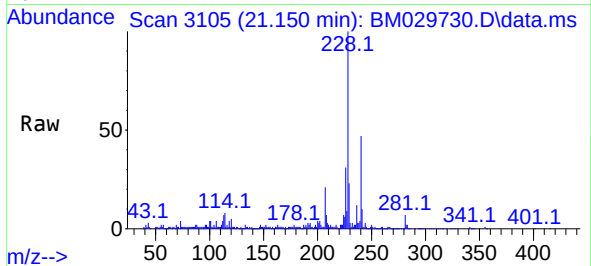
Tgt Ion:244 Resp: 699060
Ion Ratio Lower Upper
244 100
212 7.1 6.3 9.5
122 7.3 6.9 10.3





#81
Benzo(a)anthracene
Concen: 4.83 ng
RT: 21.150 min Scan# 3105
Delta R.T. -0.012 min
Lab File: BM029730.D
Acq: 30 Apr 2021 15:34

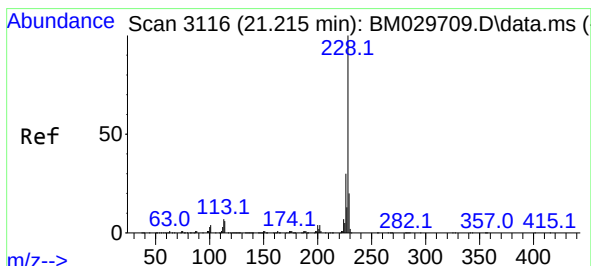
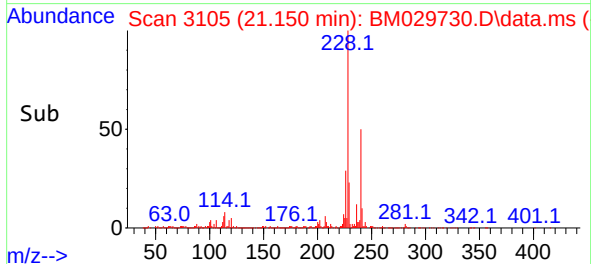
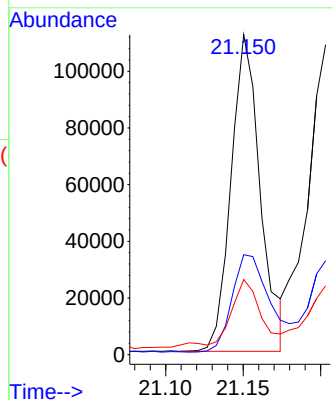
Instrument :
BNA_M
ClientSampled :
CL-01-042921



Tgt Ion:228 Resp: 146717
Ion Ratio Lower Upper
228 100
226 31.2 22.3 33.5
229 23.5 15.7 23.5

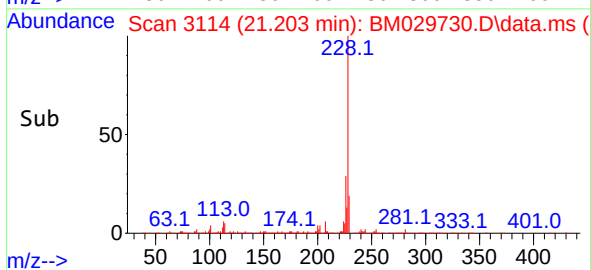
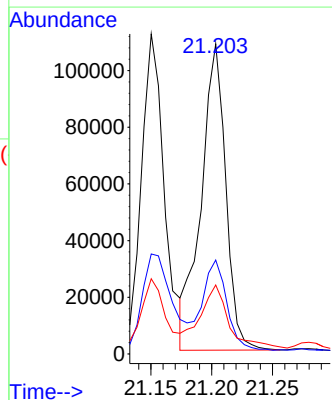
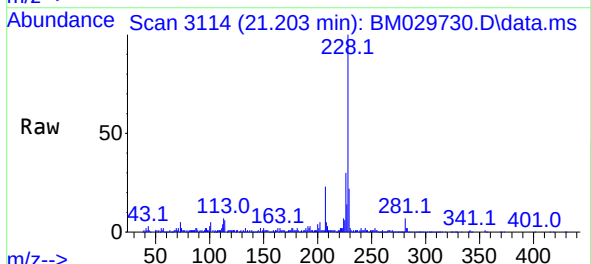
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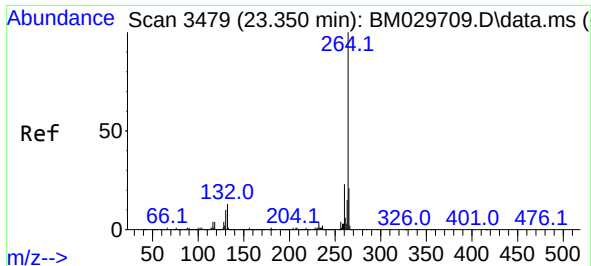
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#83
Chrysene
Concen: 5.07 ng
RT: 21.203 min Scan# 3114
Delta R.T. -0.012 min
Lab File: BM029730.D
Acq: 30 Apr 2021 15:34

Tgt Ion:228 Resp: 152667
Ion Ratio Lower Upper
228 100
226 30.3 24.6 36.8
229 22.2 15.5 23.3





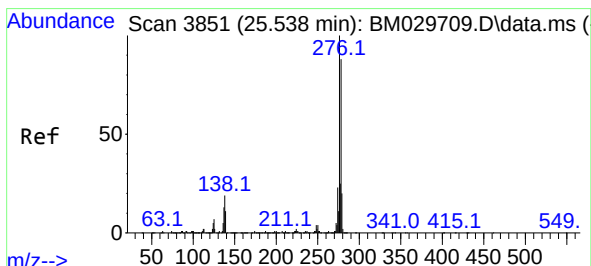
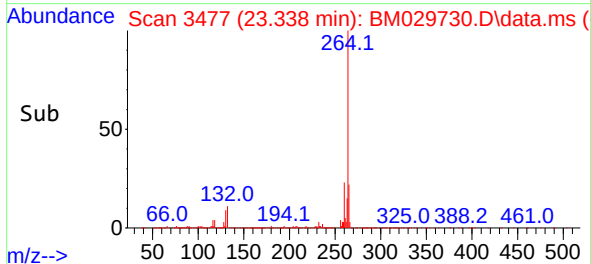
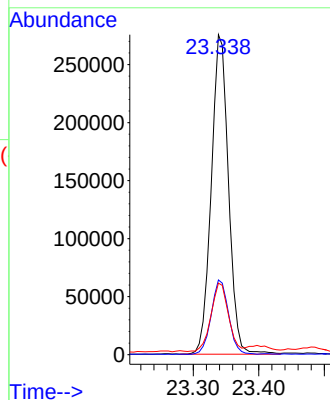
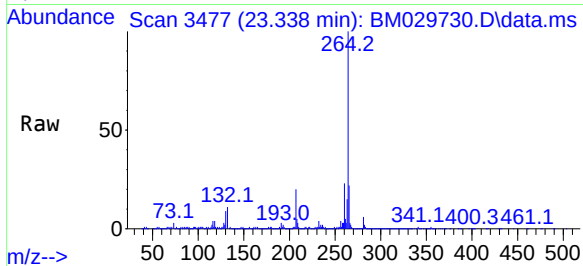
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.338 min Scan# 3477
Delta R.T. -0.012 min
Lab File: BM029730.D
Acq: 30 Apr 2021 15:34

Tgt Ion: 264 Resp: 502349
Ion Ratio Lower Upper
264 100
260 23.4 19.8 29.8
265 22.4 17.7 26.5

Instrument :
BNA_M
ClientSampleId :
CL-01-042921

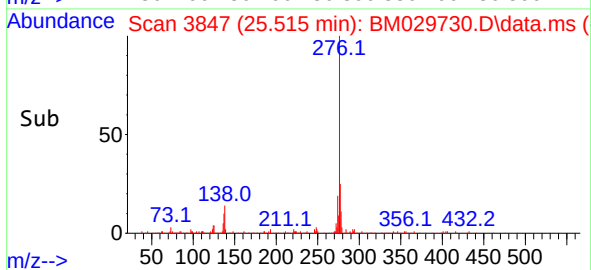
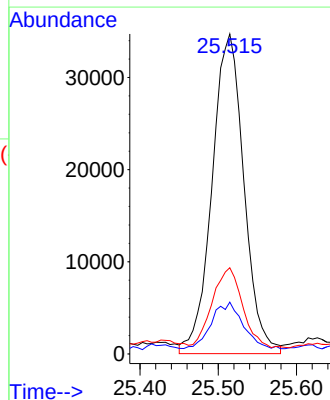
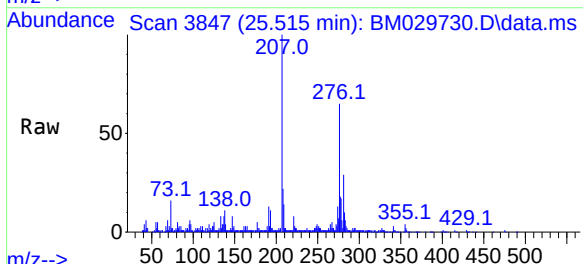
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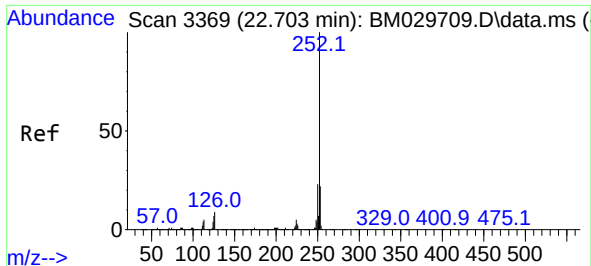
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#87
Indeno(1,2,3-cd)pyrene
Concen: 2.59 ng m
RT: 25.515 min Scan# 3847
Delta R.T. -0.024 min
Lab File: BM029730.D
Acq: 30 Apr 2021 15:34

Tgt Ion: 276 Resp: 98300
Ion Ratio Lower Upper
276 100
138 2.1 17.1 25.7#
277 3.0 20.3 30.5#





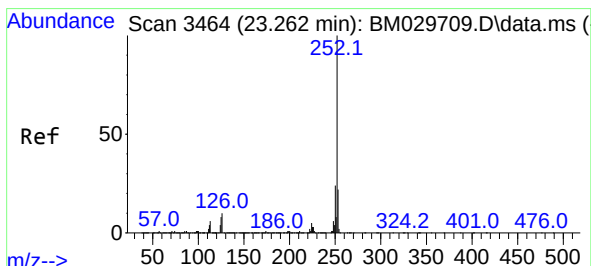
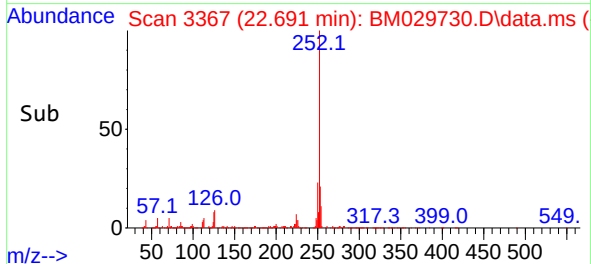
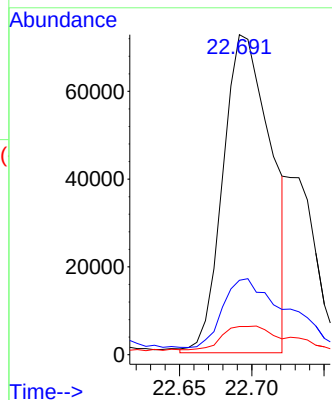
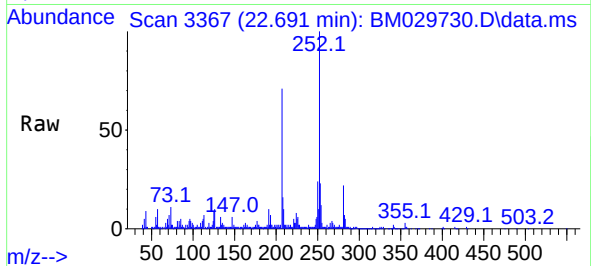
#88
Benzo(b)fluoranthene
Concen: 5.05 ng m
RT: 22.691 min Scan# 3367
Delta R.T. -0.012 min
Lab File: BM029730.D
Acq: 30 Apr 2021 15:34

Tgt Ion:252 Resp: 167694
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.0
125 8.8 6.8 10.2

Instrument :
BNA_M
ClientSampled :
CL-01-042921

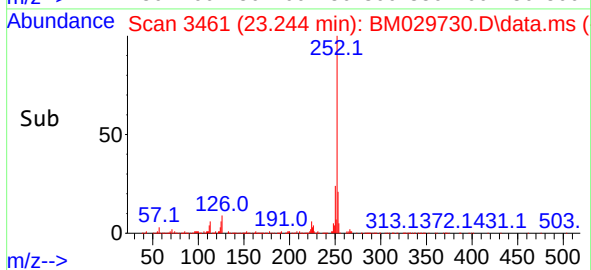
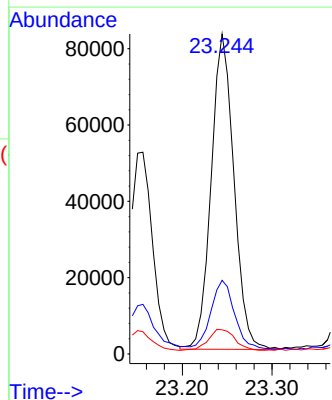
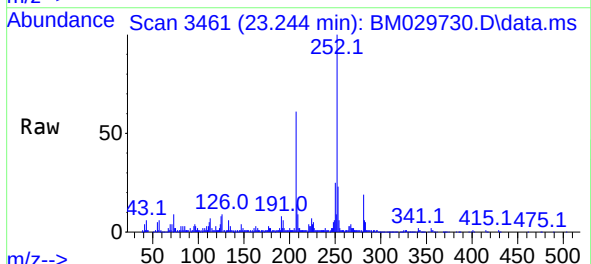
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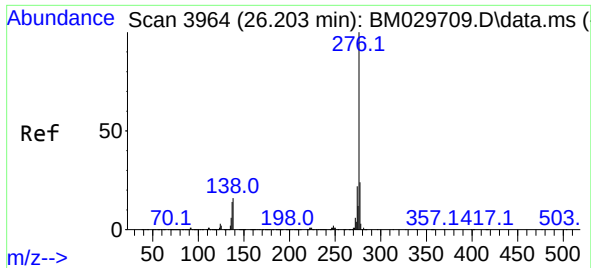
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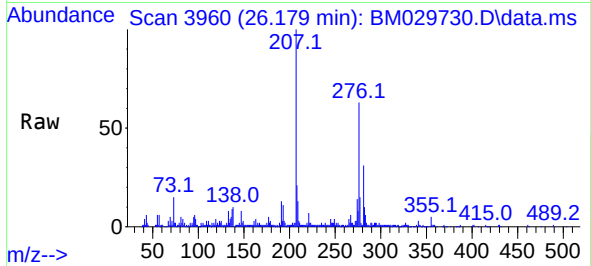
#90
Benzo(a)pyrene
Concen: 4.79 ng
RT: 23.244 min Scan# 3461
Delta R.T. -0.018 min
Lab File: BM029730.D
Acq: 30 Apr 2021 15:34

Tgt Ion:252 Resp: 145596
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 7.5 7.3 10.9



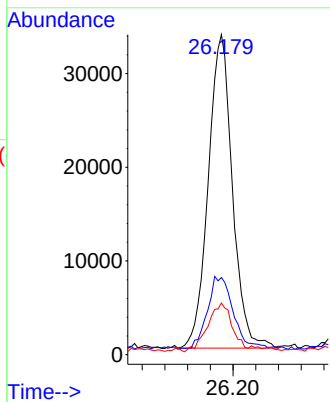
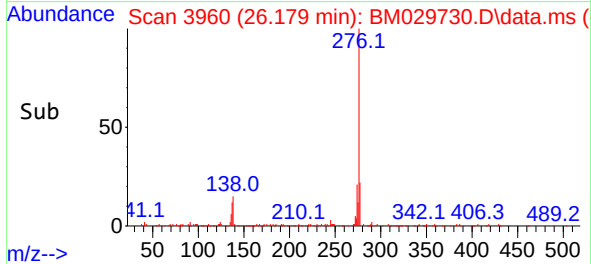


#92
 Benzo(g,h,i)perylene
 Concen: 3.19 ng
 RT: 26.179 min Scan# 3960
 Delta R.T. -0.024 min
 Lab File: BM029730.D
 Acq: 30 Apr 2021 15:34



Tgt Ion: 276 Resp: 98694

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.4	29.2
138	16.2	14.4	21.6



Instrument :
 BNA_M
 ClientSampleId :
 CL-01-042921

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