

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031521\
 Data File : BM029139.D
 Acq On : 15 Mar 2021 20:38
 Operator : CG/JU
 Sample : M1664-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-230

Manual Integrations
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Quant Time: Mar 16 00:30:36 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 12 12:30:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	7547	20.00	ng	0.00
21) Naphthalene-d8	10.404	136	29818	20.00	ng	#-0.01
39) Acenaphthene-d10	14.286	164	17625	20.00	ng	-0.01
64) Phenanthrene-d10	17.033	188	36495	20.00	ng	-0.01
76) Chrysene-d12	21.215	240	40444	20.00	ng	#-0.01
86) Perylene-d12	23.350	264	41770	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.193	112	42682	93.74	ng	0.00
7) Phenol-d6	6.810	99	51413	85.49	ng	-0.01
23) Nitrobenzene-d5	8.786	82	34450	62.33	ng	-0.01
42) 2,4,6-Tribromophenol	15.786	330	19051	91.20	ng	-0.01
45) 2-Fluorobiphenyl	12.898	172	75813	57.26	ng	0.00
79) Terphenyl-d14	19.668	244	119212	54.43	ng	0.00
Target Compounds						Qvalue
70) Pentachlorophenol	16.704	266	1072	4.39	ng	97
71) Phenanthrene	17.074	178	10341	4.76	ng	100
75) Fluoranthene	19.092	202	29802	12.48	ng	97
78) Pyrene	19.456	202	25778	8.68	ng	98
81) Benzo(a)anthracene	21.197	228	12995	4.63	ng	99
83) Chrysene	21.250	228	15795	5.77	ng	98
84) Bis(2-ethylhexyl)phtha...	21.127	149	17159	9.32	ng	# 96
87) Indeno(1,2,3-cd)pyrene	25.480	276	10868	3.45	ng	# 95
88) Benzo(b)fluoranthene	22.721	252	22324m	7.57	ng	
89) Benzo(k)fluoranthene	22.756	252	7882m	2.81	ng	
90) Benzo(a)pyrene	23.262	252	14168	5.26	ng	# 94
92) Benzo(g,h,i)perylene	26.127	276	10689	4.04	ng	# 92

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



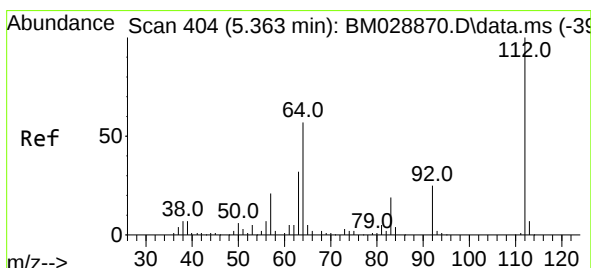
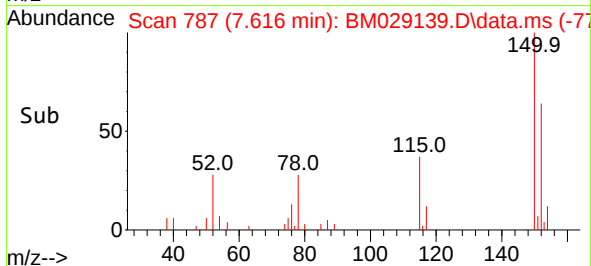
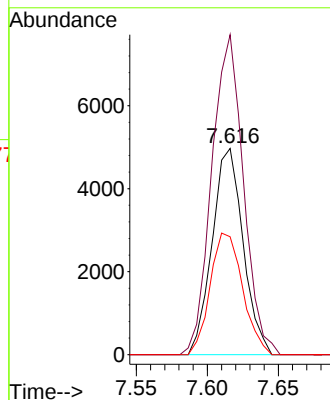
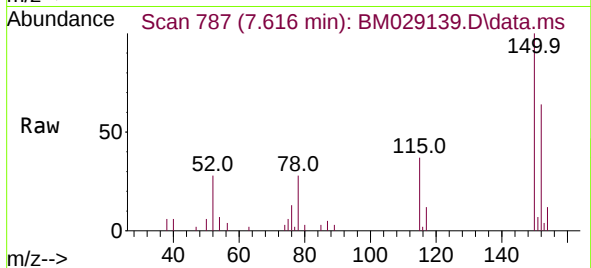
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.616 min Scan# 787
Delta R.T. -0.006 min
Lab File: BM029139.D
Acq: 15 Mar 2021 20:38

Tgt Ion:152 Resp: 7547
Ion Ratio Lower Upper
152 100
150 155.1 120.6 181.0
115 57.2 47.2 70.8

Instrument :
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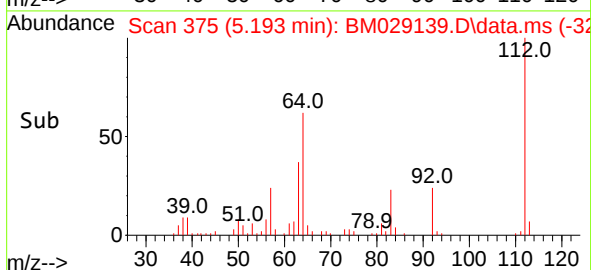
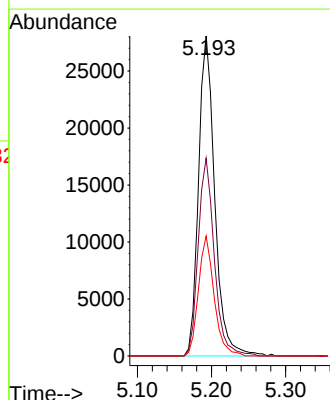
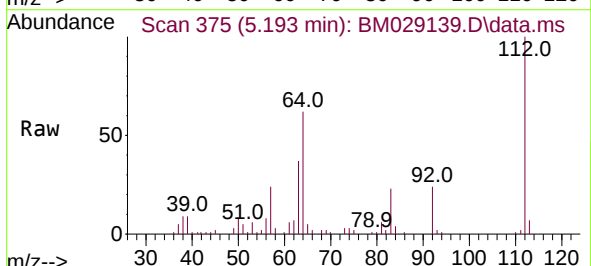
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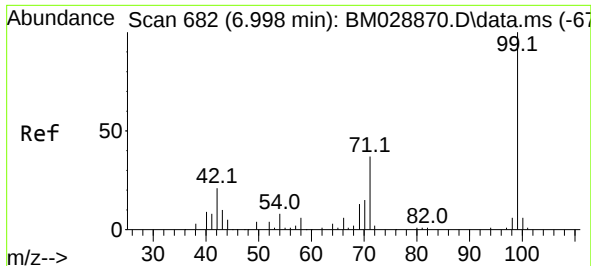
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#5
2-Fluorophenol
Concen: 93.74 ng
RT: 5.193 min Scan# 375
Delta R.T. -0.006 min
Lab File: BM029139.D
Acq: 15 Mar 2021 20:38

Tgt Ion:112 Resp: 42682
Ion Ratio Lower Upper
112 100
64 61.8 50.6 76.0
63 37.5 31.0 46.6





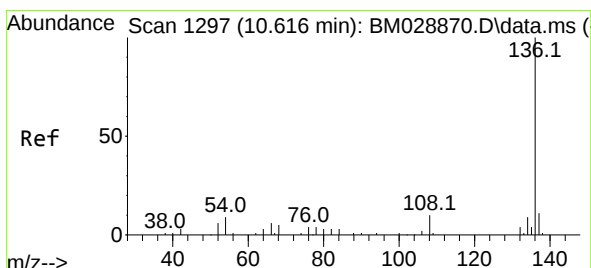
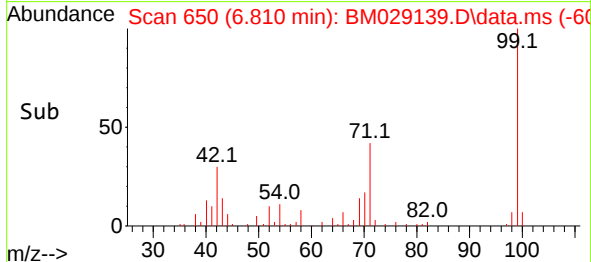
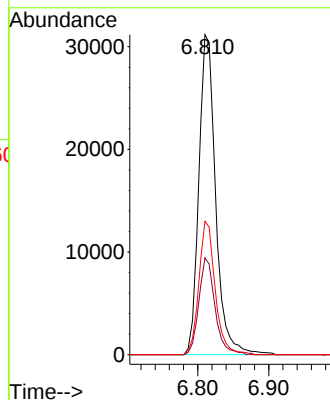
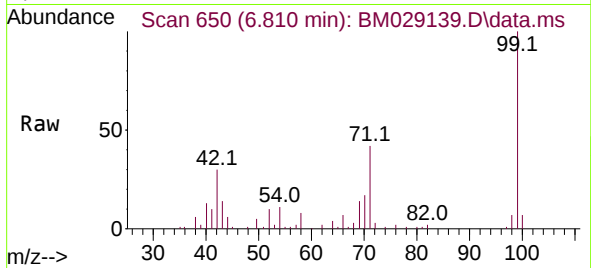
#7
Phenol-d6
Concen: 85.49 ng
RT: 6.810 min Scan# 650
Delta R.T. -0.012 min
Lab File: BM029139.D
Acq: 15 Mar 2021 20:38

Tgt Ion: 99 Resp: 51413
Ion Ratio Lower Upper
99 100
42 30.3 13.5 20.3#
71 41.7 39.4 59.0

Instrument :
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ClientSampled :
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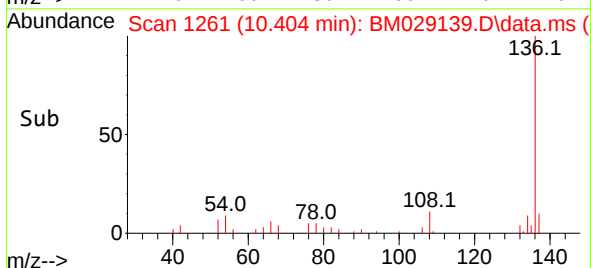
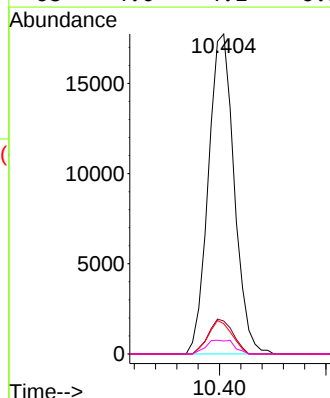
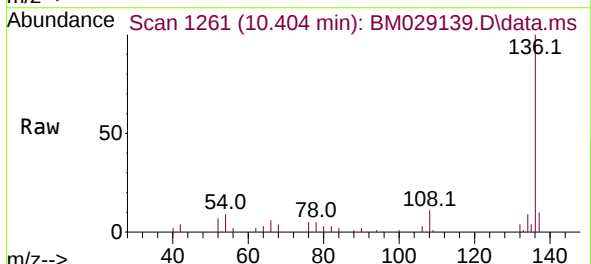
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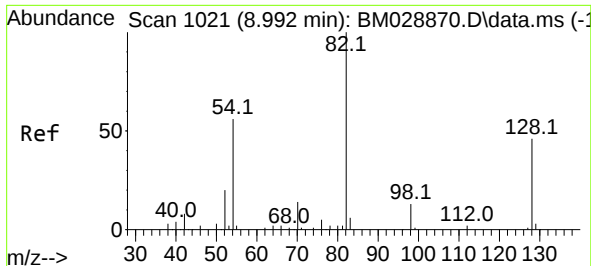
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.404 min Scan# 1261
Delta R.T. -0.012 min
Lab File: BM029139.D
Acq: 15 Mar 2021 20:38

Tgt Ion: 136 Resp: 29818
Ion Ratio Lower Upper
136 100
137 10.3 8.6 12.8
54 9.5 4.6 7.0#
68 4.0 4.1 6.1#





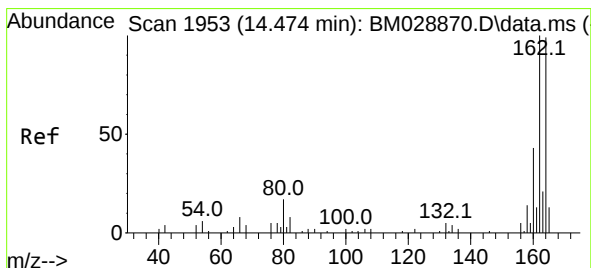
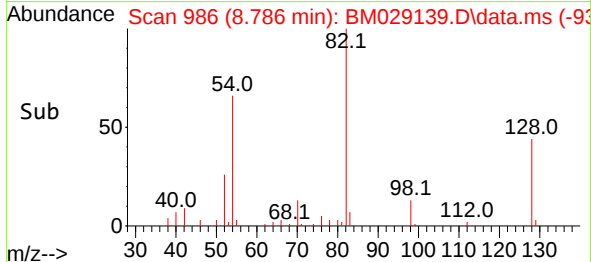
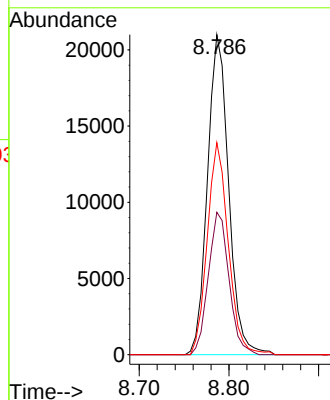
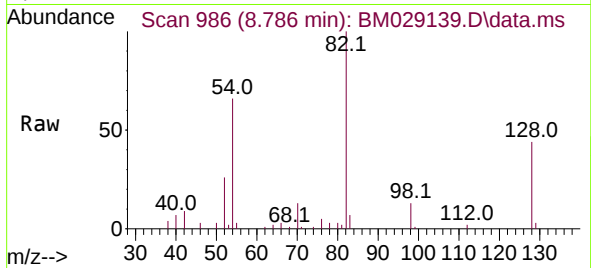
#23
Nitrobenzene-d5
Concen: 62.33 ng
RT: 8.786 min Scan# 986
Delta R.T. -0.012 min
Lab File: BM029139.D
Acq: 15 Mar 2021 20:38

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.5	27.4	41.0#
54	66.2	31.4	47.0#

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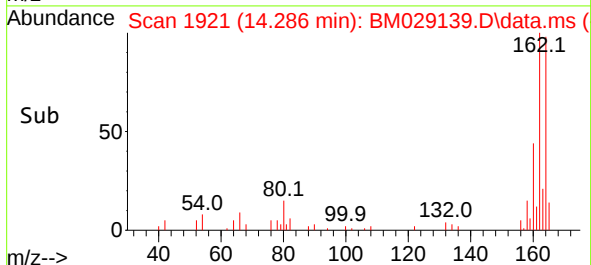
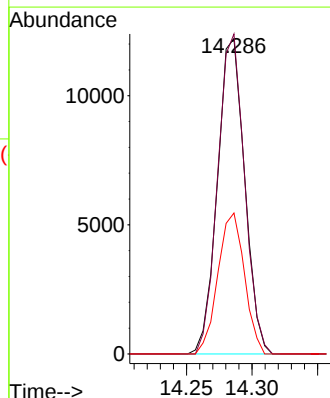
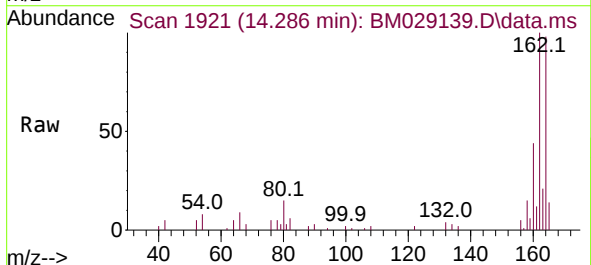
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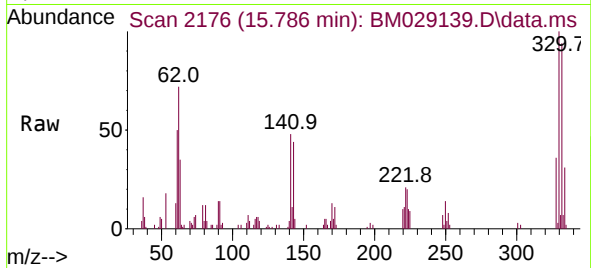
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.286 min Scan# 1921
Delta R.T. -0.012 min
Lab File: BM029139.D
Acq: 15 Mar 2021 20:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.4	120.6
160	44.7	35.9	53.9

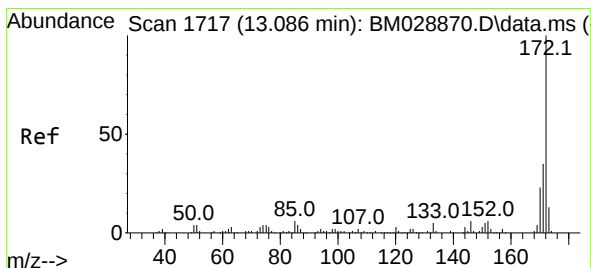
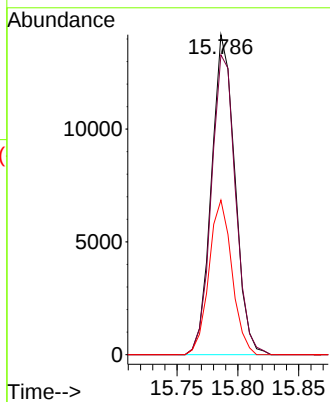
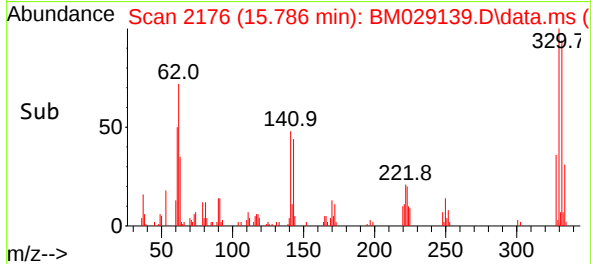




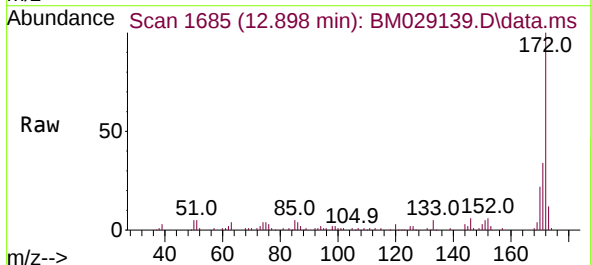
#42
2,4,6-Tribromophenol
Concen: 91.20 ng
RT: 15.786 min Scan# 2176
Delta R.T. -0.012 min
Lab File: BM029139.D
Acq: 15 Mar 2021 20:38



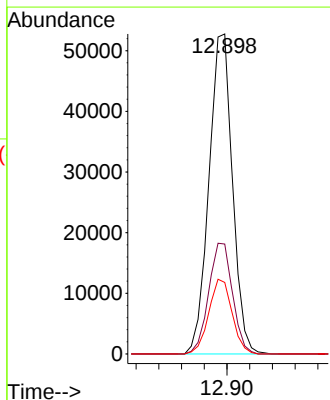
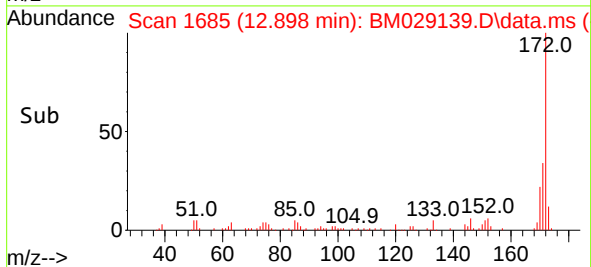
Tgt Ion:330 Resp: 19051
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 47.4 28.4 42.6#



#45
2-Fluorobiphenyl
Concen: 57.26 ng
RT: 12.898 min Scan# 1685
Delta R.T. -0.006 min
Lab File: BM029139.D
Acq: 15 Mar 2021 20:38



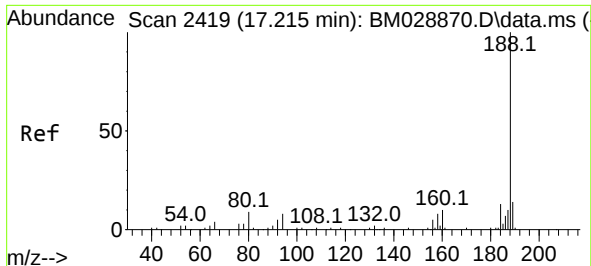
Tgt Ion:172 Resp: 75813
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.8
170 22.3 18.6 27.8



Instrument :
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ClientSampleId :
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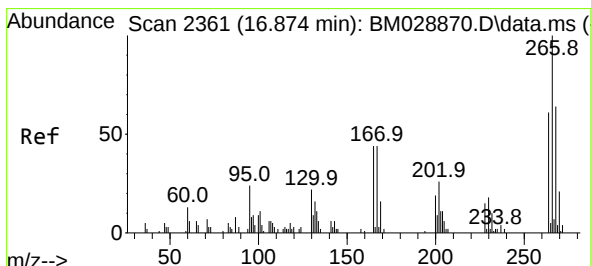
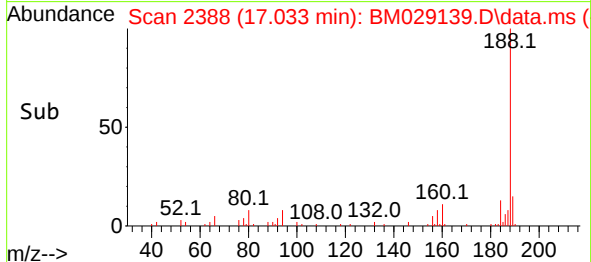
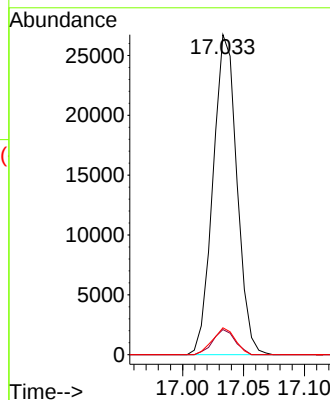
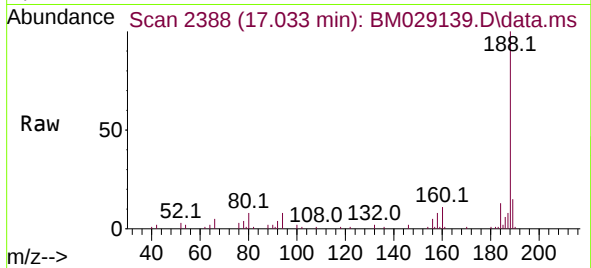
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.033 min Scan# 2388
Delta R.T. -0.012 min
Lab File: BM029139.D
Acq: 15 Mar 2021 20:38

Tgt Ion:188	Resp:	36495
Ion Ratio	Lower	Upper
188	100	
94	7.8	6.2 9.4
80	8.4	7.5 11.3

Instrument :
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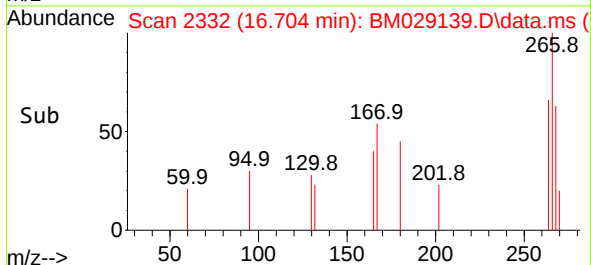
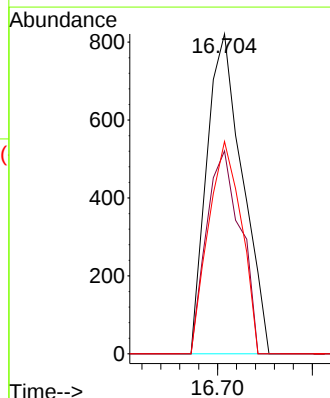
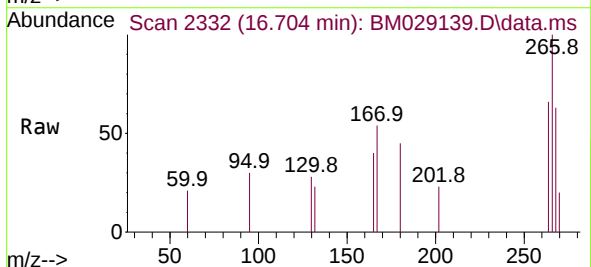
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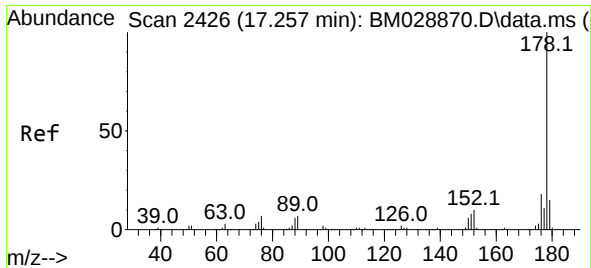
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#70
Pentachlorophenol
Concen: 4.39 ng
RT: 16.704 min Scan# 2332
Delta R.T. -0.006 min
Lab File: BM029139.D
Acq: 15 Mar 2021 20:38

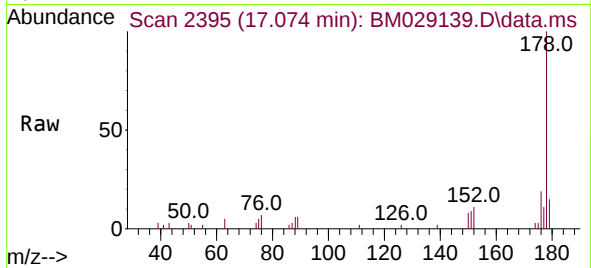
Tgt Ion:266	Resp:	1072
Ion Ratio	Lower	Upper
266	100	
268	63.5	49.9 74.9
264	66.4	50.6 76.0





#71
Phenanthrene
Concen: 4.76 ng
RT: 17.074 min Scan# 2395
Delta R.T. -0.012 min
Lab File: BM029139.D
Acq: 15 Mar 2021 20:38

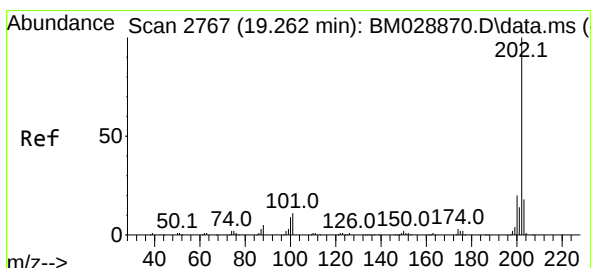
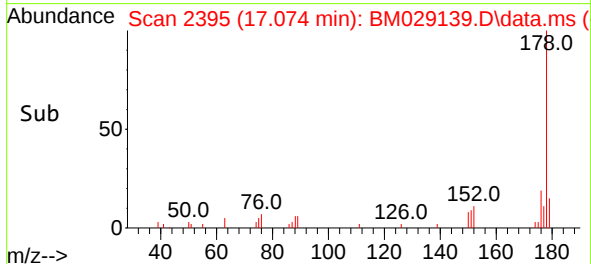
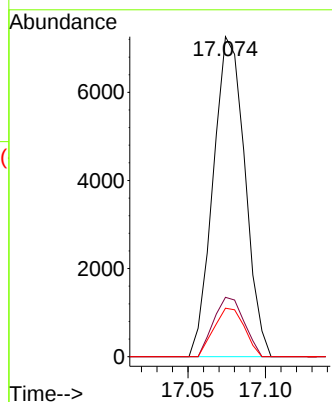
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Tgt Ion:178 Resp: 10341
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.2 12.2 18.4

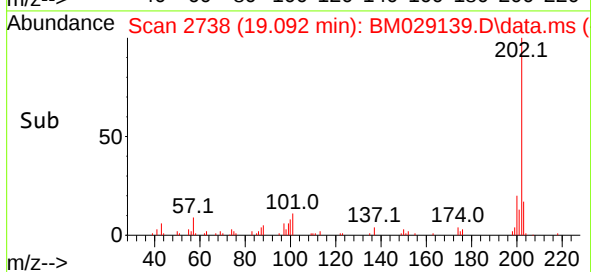
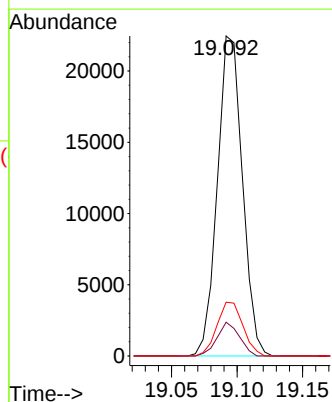
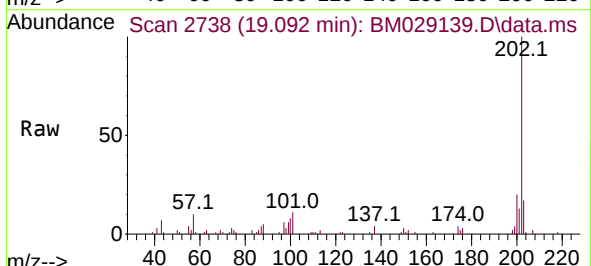
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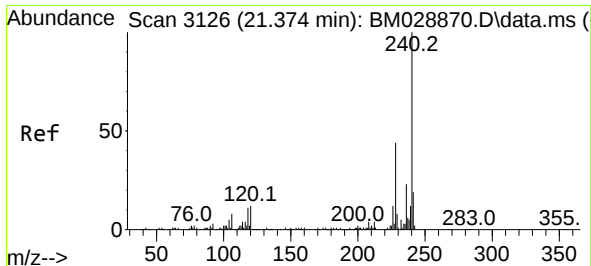
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#75
Fluoranthene
Concen: 12.48 ng
RT: 19.092 min Scan# 2738
Delta R.T. -0.012 min
Lab File: BM029139.D
Acq: 15 Mar 2021 20:38

Tgt Ion:202 Resp: 29802
Ion Ratio Lower Upper
202 100
101 10.6 0.0 28.5
203 16.8 0.0 37.3





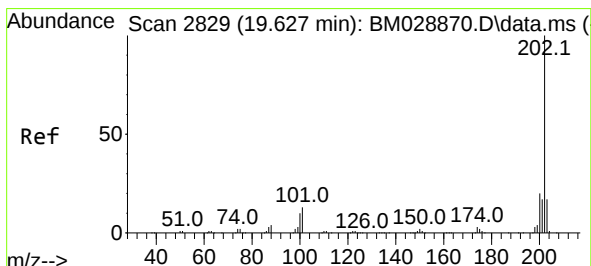
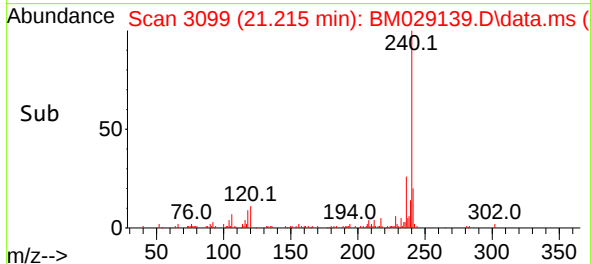
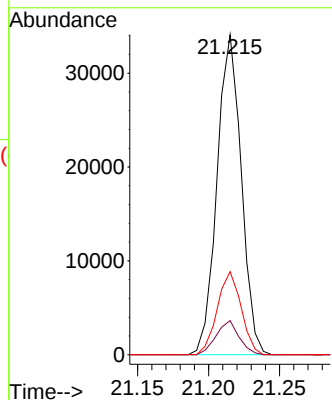
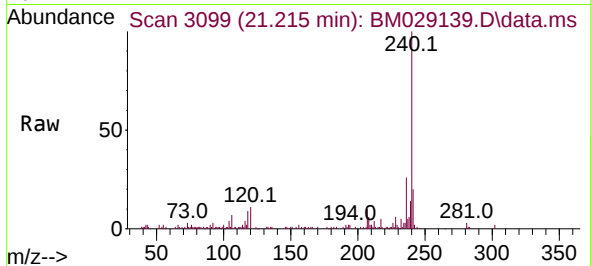
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Chrysene-d12
Concen: 20.00 ng
RT: 21.215 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BM029139.D
Acq: 15 Mar 2021 20:38

Tgt Ion:240 Resp: 40444
Ion Ratio Lower Upper
240 100
120 10.7 6.4 9.6#
236 25.9 20.1 30.1

Instrument :
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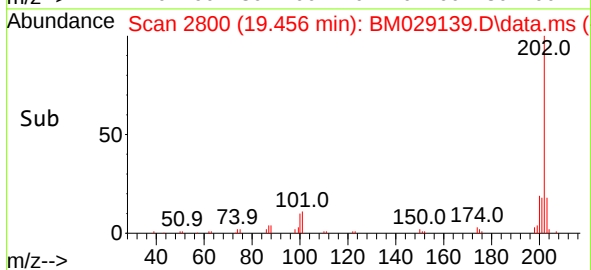
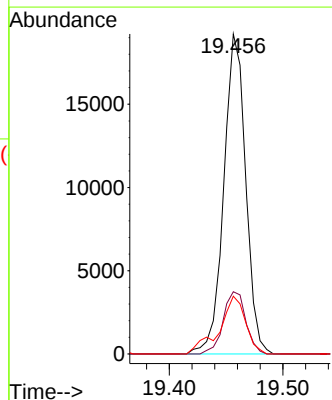
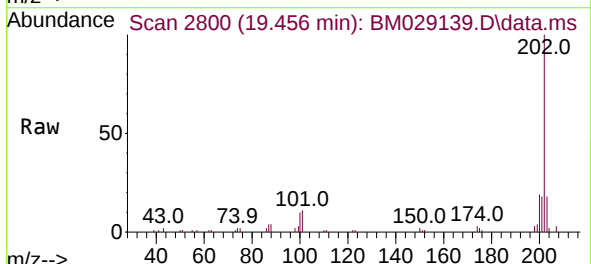
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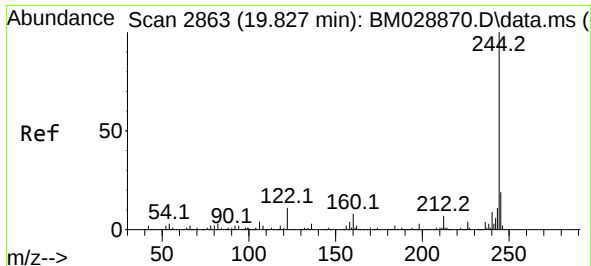
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#78
Pyrene
Concen: 8.68 ng
RT: 19.456 min Scan# 2800
Delta R.T. -0.012 min
Lab File: BM029139.D
Acq: 15 Mar 2021 20:38

Tgt Ion:202 Resp: 25778
Ion Ratio Lower Upper
202 100
200 19.4 16.6 24.8
203 18.0 13.8 20.6





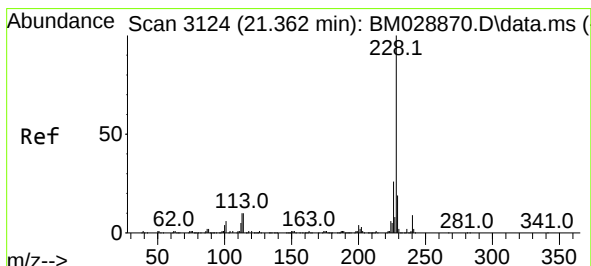
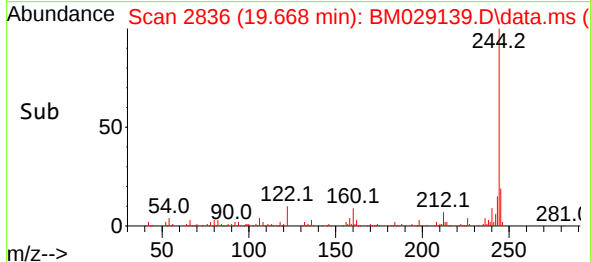
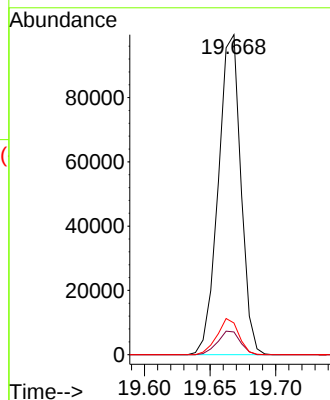
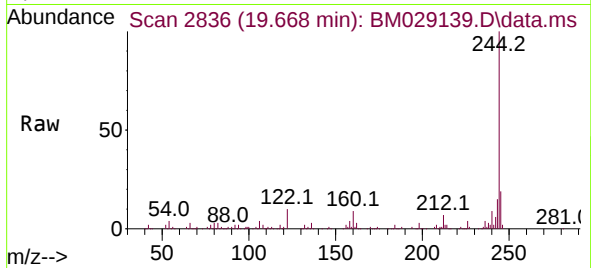
#79
 Terphenyl-d14
 Concen: 54.43 ng
 RT: 19.668 min Scan# 2836
 Delta R.T. -0.006 min
 Lab File: BM029139.D
 Acq: 15 Mar 2021 20:38

Tgt Ion:244 Resp: 119212
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 9.9 6.5 9.7#

Instrument :
 BNA_M
 ClientSampled :
 VNJ-230

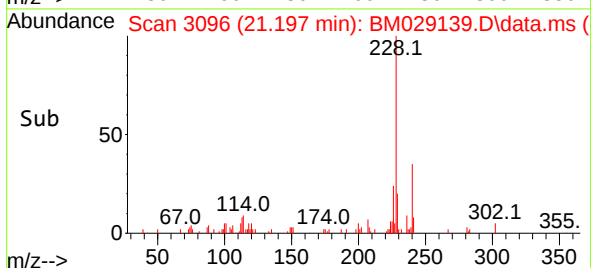
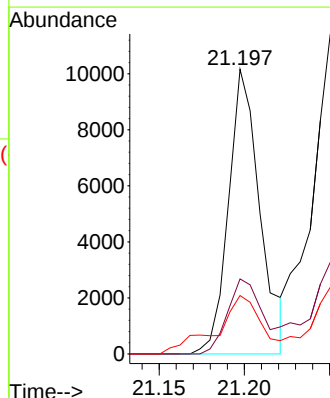
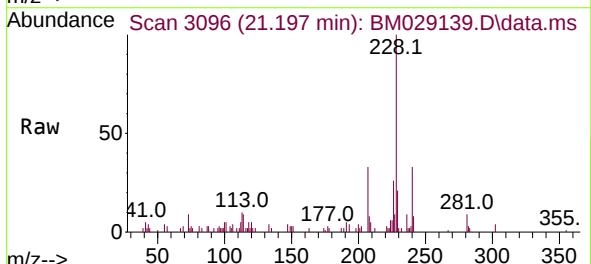
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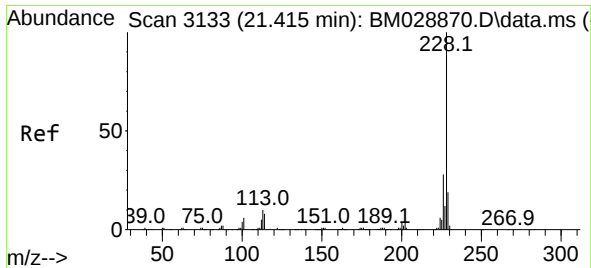
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#81
 Benzo(a)anthracene
 Concen: 4.63 ng
 RT: 21.197 min Scan# 3096
 Delta R.T. -0.012 min
 Lab File: BM029139.D
 Acq: 15 Mar 2021 20:38

Tgt Ion:228 Resp: 12995
 Ion Ratio Lower Upper
 228 100
 226 26.4 21.1 31.7
 229 20.5 15.7 23.5





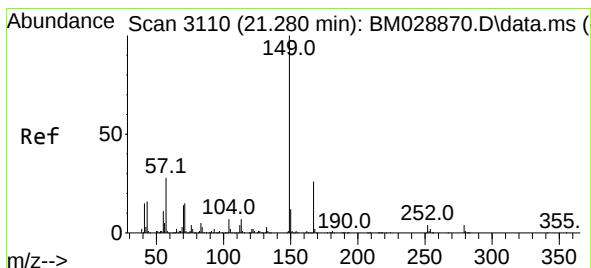
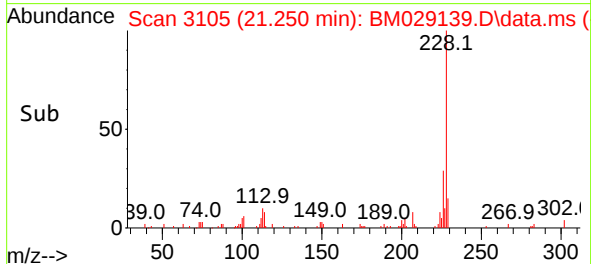
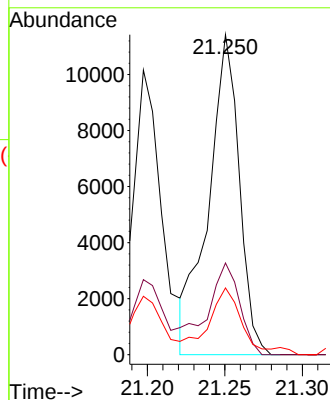
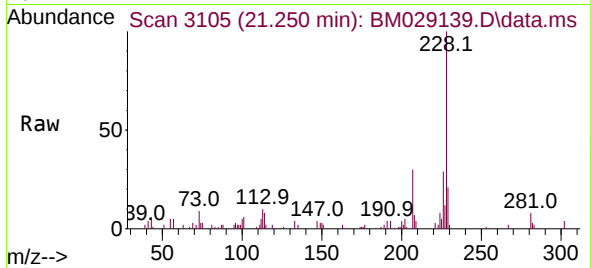
#83
Chrysene
Concen: 5.77 ng
RT: 21.250 min Scan# 3105
Delta R.T. -0.012 min
Lab File: BM029139.D
Acq: 15 Mar 2021 20:38

Tgt Ion:	228	Resp:	15795
Ion Ratio	Lower	Upper	
228	100		
226	28.6	23.4	35.0
229	20.9	15.7	23.5

Instrument :
BNA_M
ClientSampleId :
VNJ-230

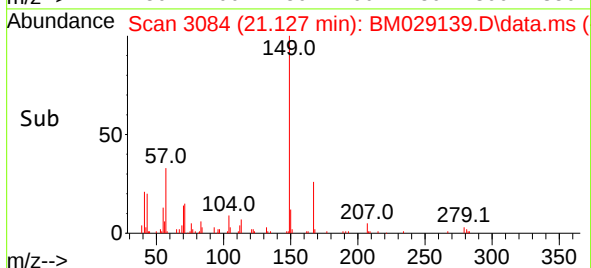
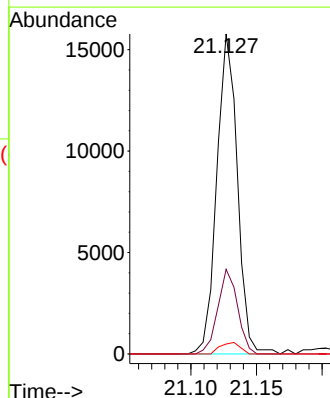
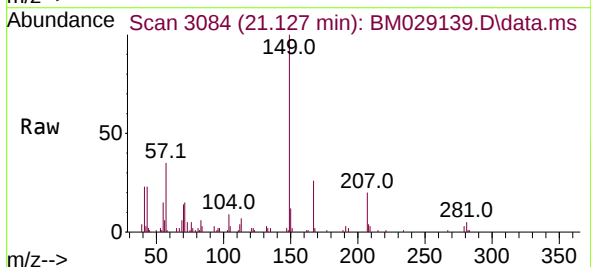
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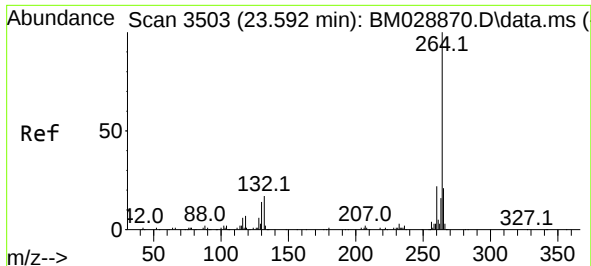
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#84
Bis(2-ethylhexyl)phthalate
Concen: 9.32 ng
RT: 21.127 min Scan# 3084
Delta R.T. -0.012 min
Lab File: BM029139.D
Acq: 15 Mar 2021 20:38

Tgt Ion:	149	Resp:	17159
Ion Ratio	Lower	Upper	
149	100		
167	26.5	22.7	34.1
279	3.1	4.0	6.0#





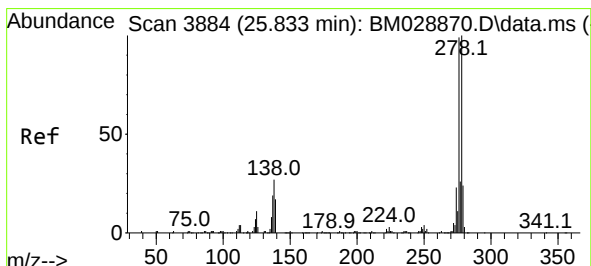
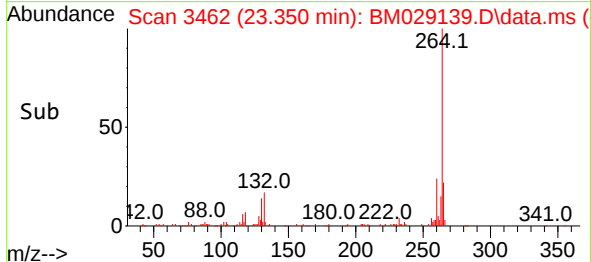
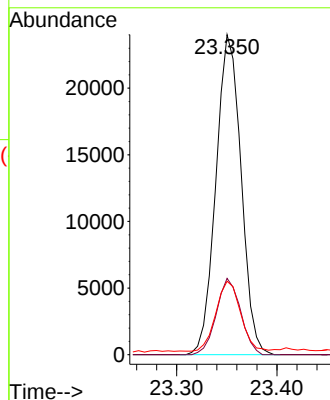
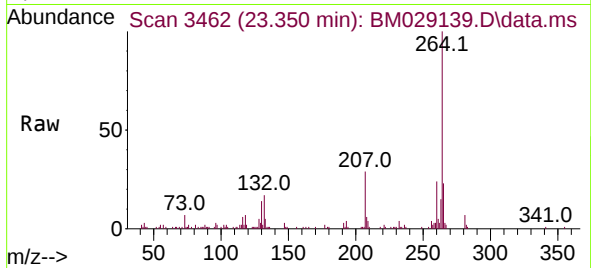
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.350 min Scan# 3462
 Delta R.T. -0.018 min
 Lab File: BM029139.D
 Acq: 15 Mar 2021 20:38

Tgt Ion: 264 Resp: 41770
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.4
 265 23.0 17.7 26.5

Instrument :
 BNA_M
 ClientSampled :
 VNJ-230

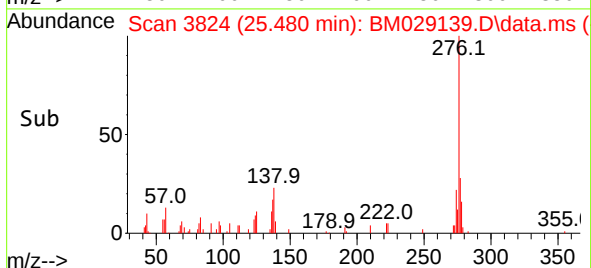
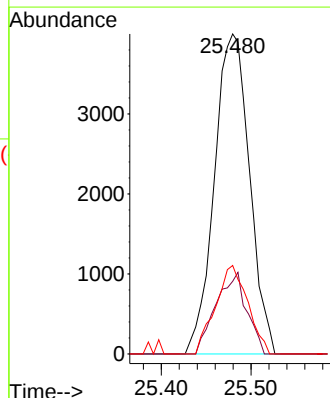
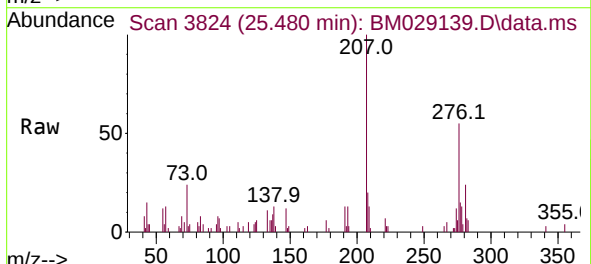
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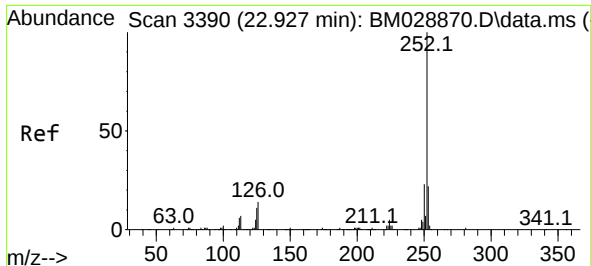
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#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.45 ng
 RT: 25.480 min Scan# 3824
 Delta R.T. -0.029 min
 Lab File: BM029139.D
 Acq: 15 Mar 2021 20:38

Tgt Ion: 276 Resp: 10868
 Ion Ratio Lower Upper
 276 100
 138 22.4 14.2 21.4#
 277 25.4 19.8 29.8





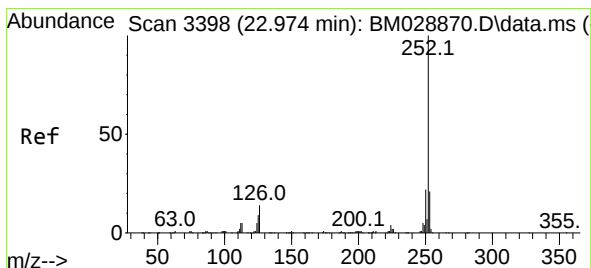
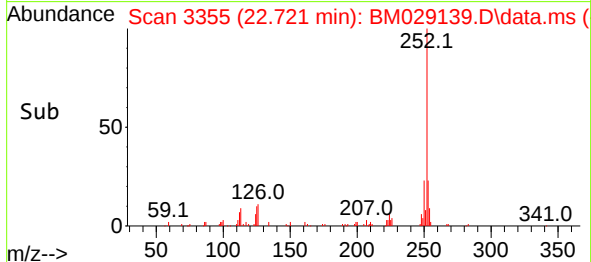
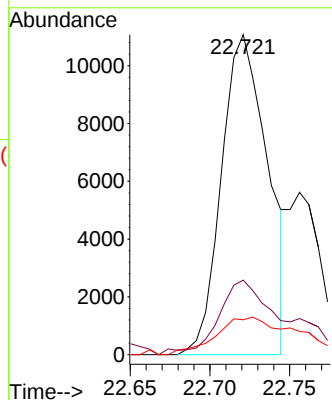
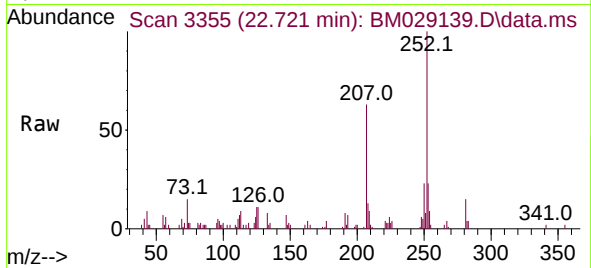
#88
Benzo(b)fluoranthene
Concen: 7.57 ng m
RT: 22.721 min Scan# 3355
Delta R.T. -0.012 min
Lab File: BM029139.D
Acq: 15 Mar 2021 20:38

Tgt Ion:252 Resp: 22324
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.0
125 10.9 5.7 8.5#

Instrument :
BNA_M
ClientSampled :
VNJ-230

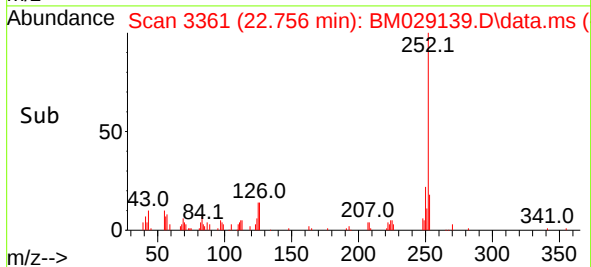
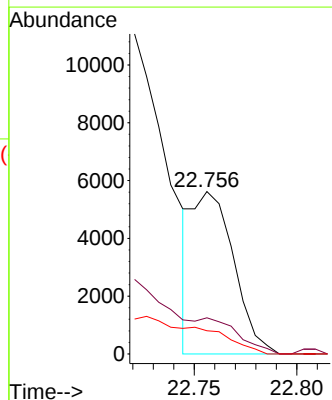
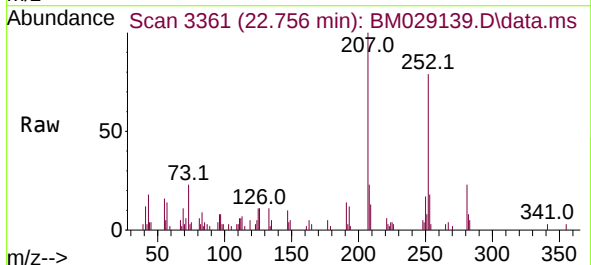
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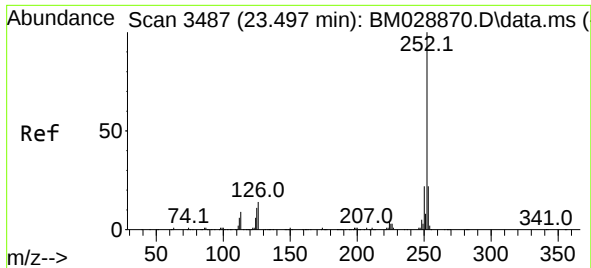
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#89
Benzo(k)fluoranthene
Concen: 2.81 ng m
RT: 22.756 min Scan# 3361
Delta R.T. -0.018 min
Lab File: BM029139.D
Acq: 15 Mar 2021 20:38

Tgt Ion:252 Resp: 7882
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 14.3 5.6 8.4#





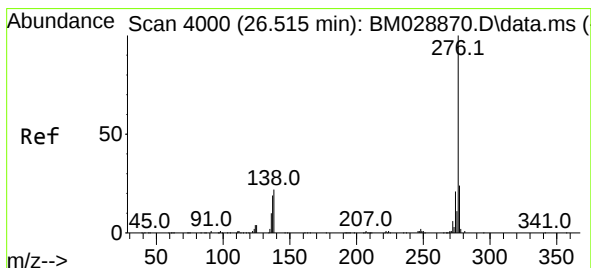
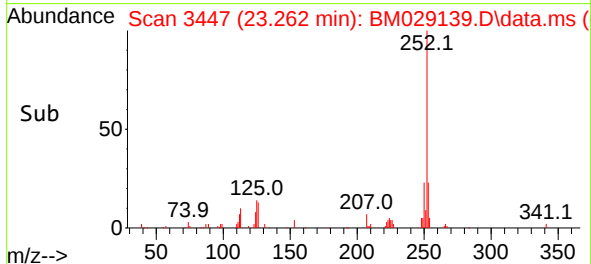
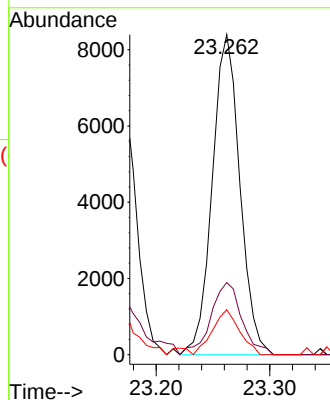
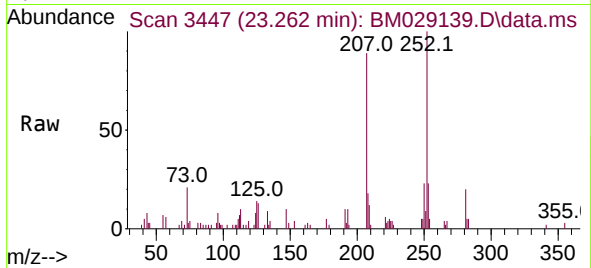
#90
Benzo(a)pyrene
Concen: 5.26 ng
RT: 23.262 min Scan# 3447
Delta R.T. -0.018 min
Lab File: BM029139.D
Acq: 15 Mar 2021 20:38

Tgt Ion:252 Resp: 14168
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 14.1 6.6 9.8#

Instrument :
BNA_M
ClientSampleId :
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#92
Benzo(g,h,i)perylene
Concen: 4.04 ng
RT: 26.127 min Scan# 3934
Delta R.T. -0.029 min
Lab File: BM029139.D
Acq: 15 Mar 2021 20:38

Tgt Ion:276 Resp: 10689
Ion Ratio Lower Upper
276 100
277 24.9 18.6 28.0
138 21.9 12.2 18.2#

