

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033121\
 Data File : BM029297.D
 Acq On : 31 Mar 2021 17:05
 Operator : CG/JU
 Sample : M1814-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DUP032421

Quant Time: Mar 31 17:58:32 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 29 11:14:33 2021
 Response via : Initial Calibration

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

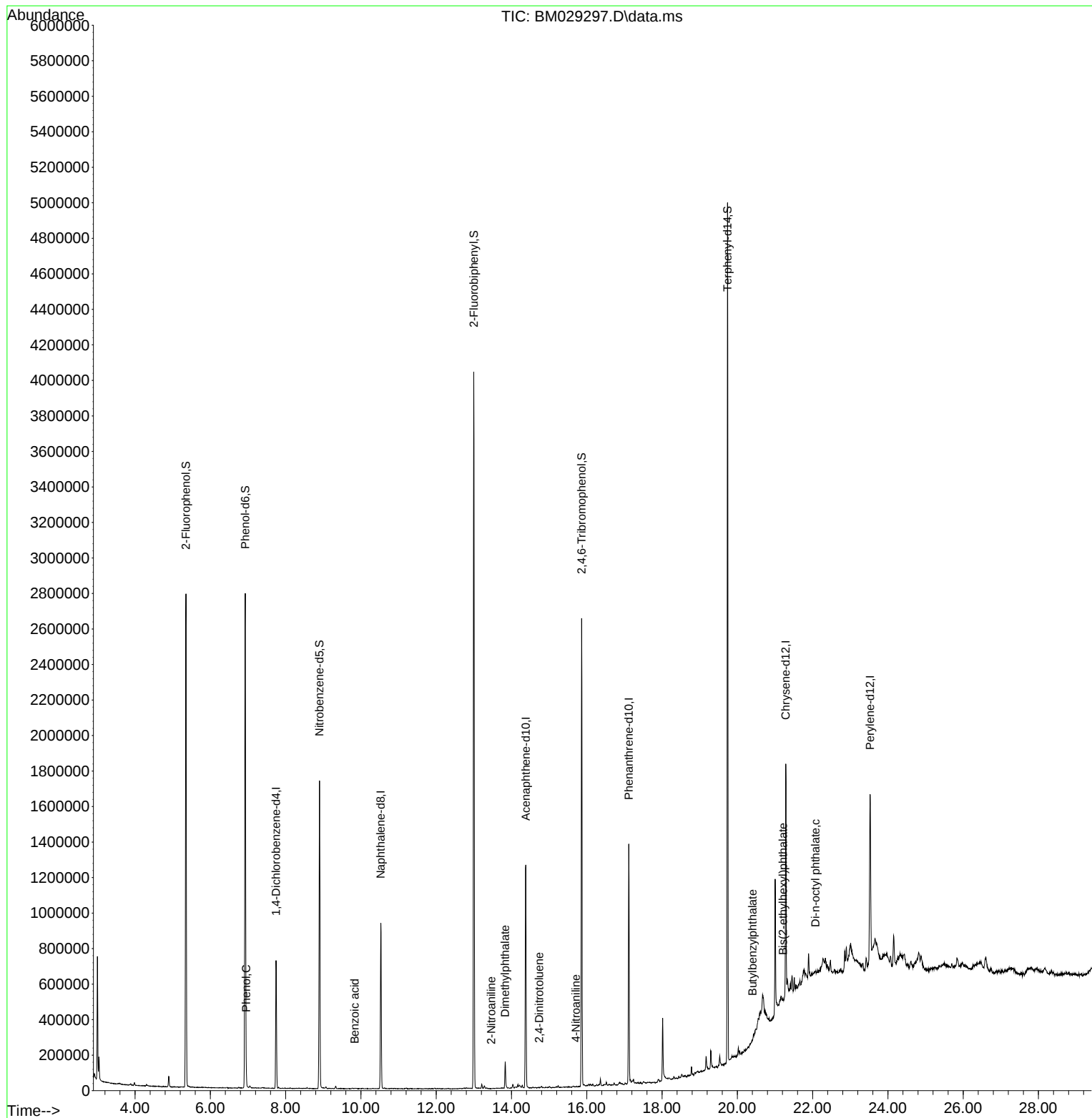
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	173868	20.00	ng	0.00
21) Naphthalene-d8	10.528	136	719292	20.00	ng	0.00
39) Acenaphthene-d10	14.380	164	422552	20.00	ng	0.00
64) Phenanthrene-d10	17.115	188	715435	20.00	ng	0.00
76) Chrysene-d12	21.286	240	558042	20.00	ng	0.00
86) Perylene-d12	23.527	264	594021	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1058635	104.95	ng	0.00
7) Phenol-d6	6.928	99	1409119	97.35	ng	0.00
23) Nitrobenzene-d5	8.898	82	977323	65.97	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	356812	91.18	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	1941885	65.19	ng	0.00
79) Terphenyl-d14	19.739	244	1896044	68.26	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.951	94	32576	2.28	ng	97
32) Benzoic acid	9.834	122	132	4.49	ng	# 39
48) 2-Nitroaniline	13.463	65	134	3.29	ng	# 33
50) Dimethylphthalate	13.833	163	87701	2.97	ng	99
57) 2,4-Dinitrotoluene	14.739	165	88	3.18	ng	# 35
62) 4-Nitroaniline	15.710	138	56	3.59	ng	# 11
80) Butylbenzylphthalate	20.403	149	1679	3.69	ng	98
84) Bis(2-ethylhexyl)phtha...	21.215	149	4661	3.77	ng	# 92
85) Di-n-octyl phthalate	22.080	149	1230	4.09	ng	# 1

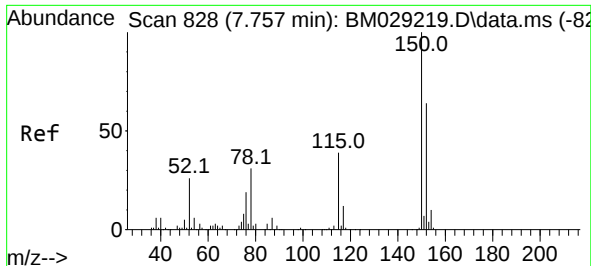
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_M
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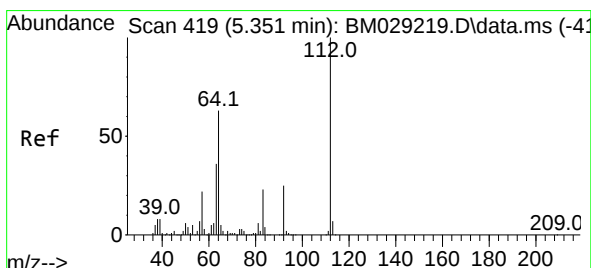
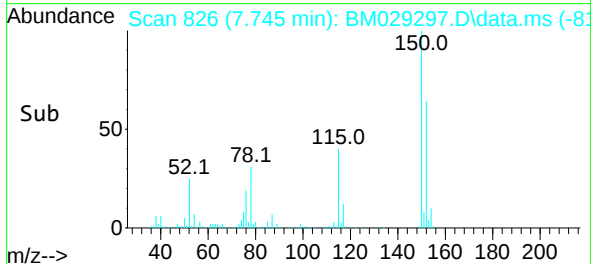
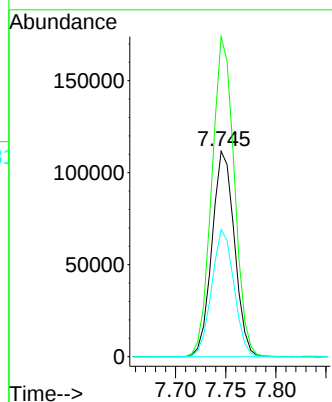
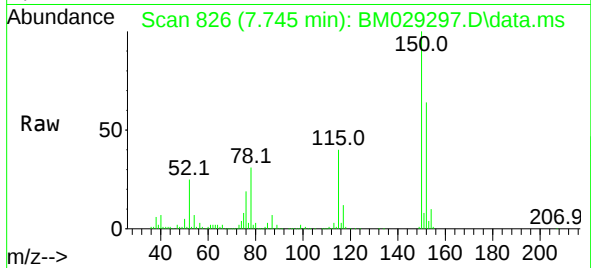




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.745 min Scan# 826
Delta R.T. -0.007 min
Lab File: BM029297.D
Acq: 31 Mar 2021 17:05

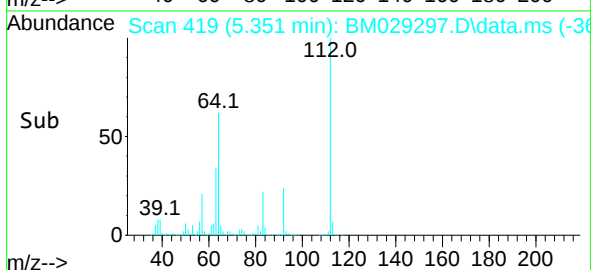
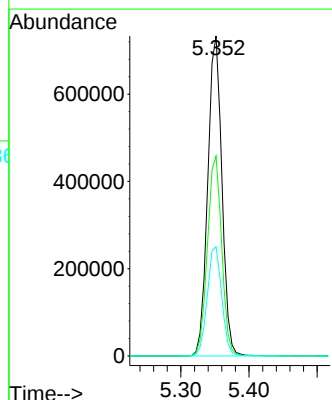
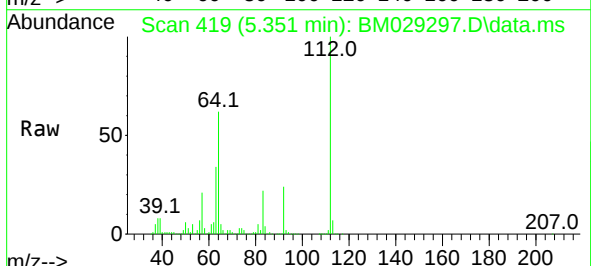
Instrument :
BNA_M
ClientSampled :
DUP032421

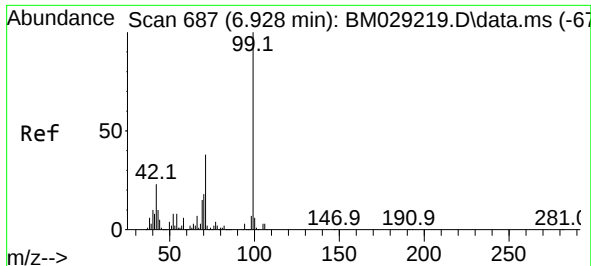
Tgt Ion:152 Resp: 173868
Ion Ratio Lower Upper
152 100
150 155.8 124.3 186.5
115 61.9 46.4 69.6



#5
2-Fluorophenol
Concen: 104.95 ng
RT: 5.351 min Scan# 419
Delta R.T. -0.000 min
Lab File: BM029297.D
Acq: 31 Mar 2021 17:05

Tgt Ion:112 Resp: 1058635
Ion Ratio Lower Upper
112 100
64 62.4 51.6 77.4
63 34.2 29.0 43.4

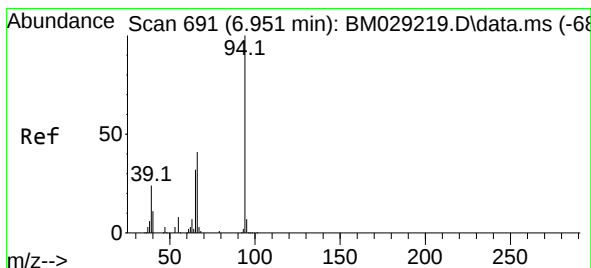
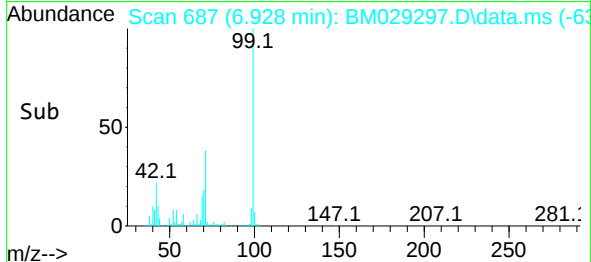
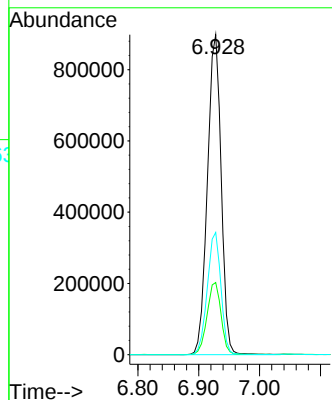
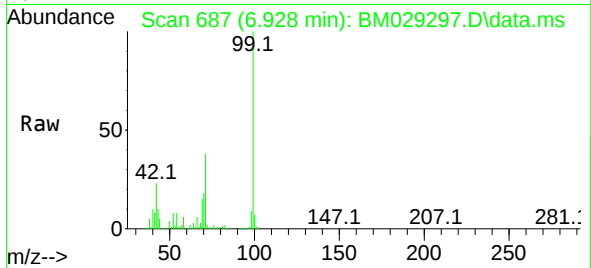




#7
Phenol-d6
Concen: 97.35 ng
RT: 6.928 min Scan# 687
Delta R.T. 0.006 min
Lab File: BM029297.D
Acq: 31 Mar 2021 17:05

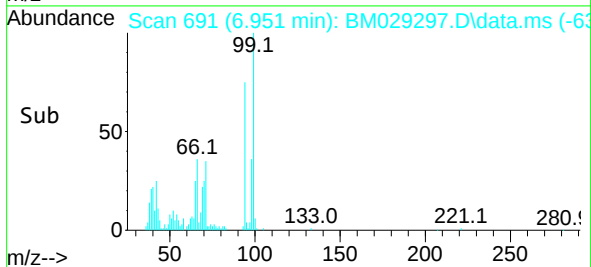
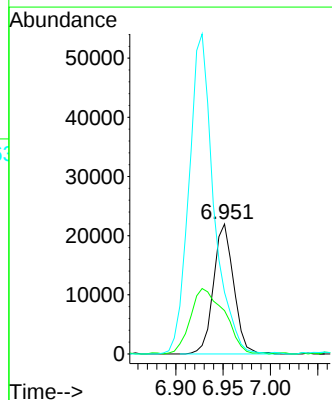
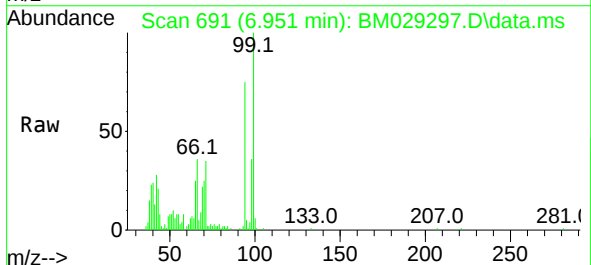
Instrument :
BNA_M
ClientSampleId :
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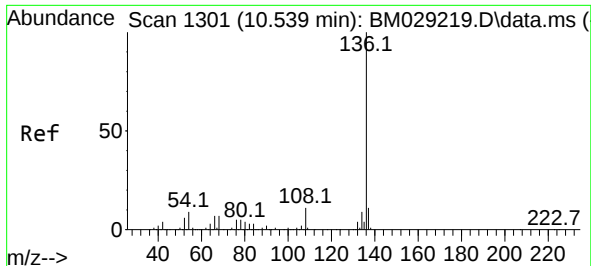
Tgt Ion: 99 Resp: 1409119
Ion Ratio Lower Upper
99 100
42 22.6 18.5 27.7
71 38.2 31.8 47.6



#10
Phenol
Concen: 2.28 ng
RT: 6.951 min Scan# 691
Delta R.T. 0.006 min
Lab File: BM029297.D
Acq: 31 Mar 2021 17:05

Tgt Ion: 94 Resp: 32576
Ion Ratio Lower Upper
94 100
65 33.4 13.0 53.0
66 47.4 24.1 64.1

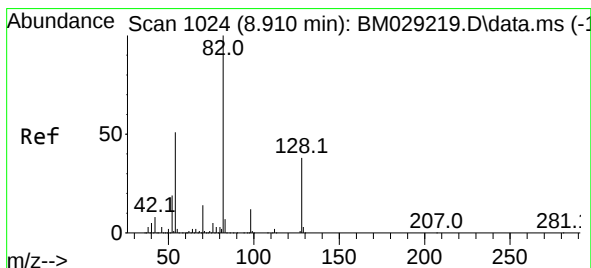
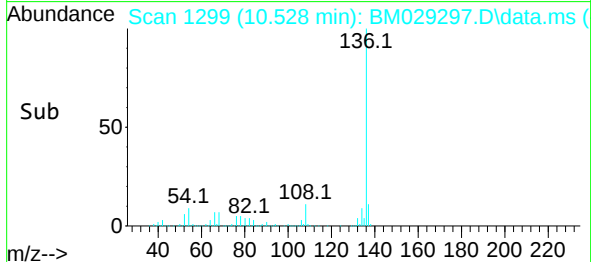
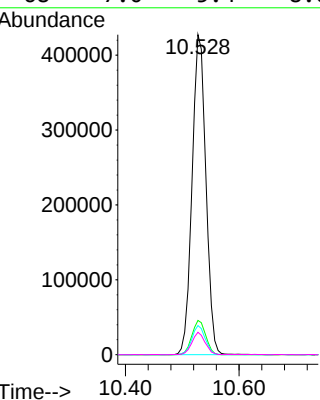
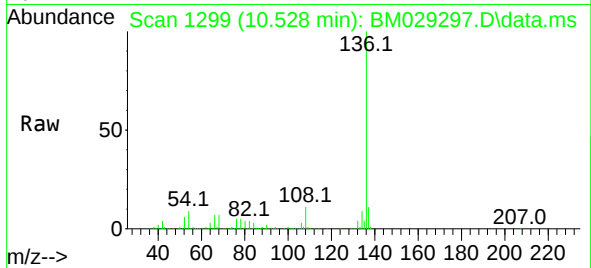




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.528 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BM029297.D
Acq: 31 Mar 2021 17:05

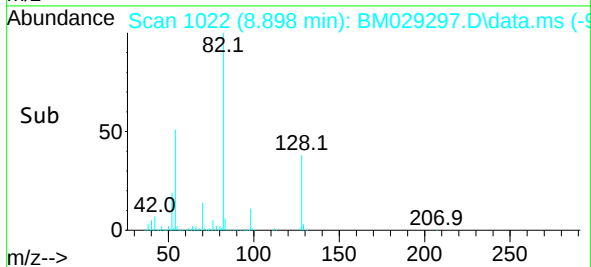
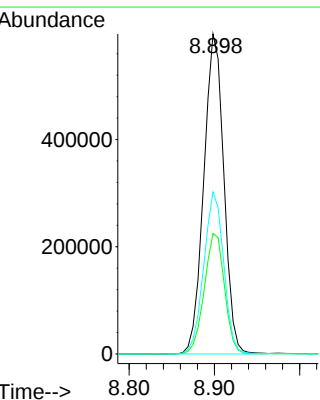
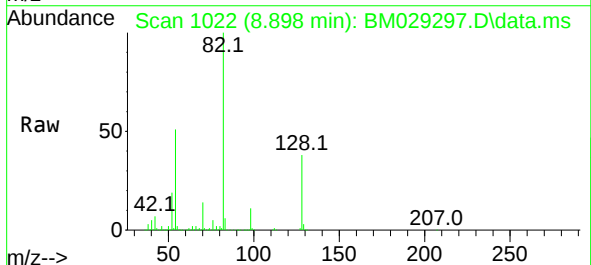
Instrument :
BNA_M
ClientSampleId :
DUP032421

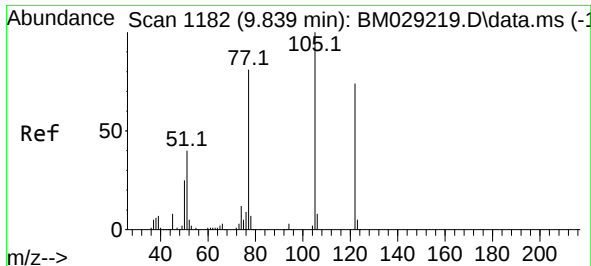
Tgt Ion:	136	Resp:	719292
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.3	13.9
54	9.1	6.9	10.3
68	7.0	5.4	8.0



#23
Nitrobenzene-d5
Concen: 65.97 ng
RT: 8.898 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BM029297.D
Acq: 31 Mar 2021 17:05

Tgt Ion:	82	Resp:	977323
Ion	Ratio	Lower	Upper
82	100		
128	37.7	28.6	42.8
54	50.7	40.7	61.1

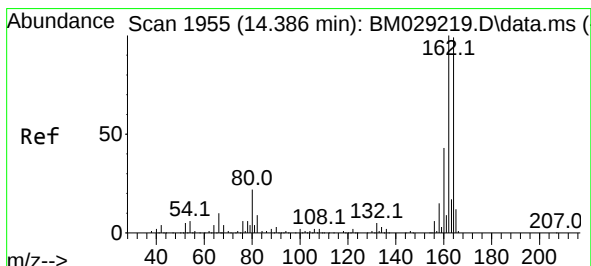
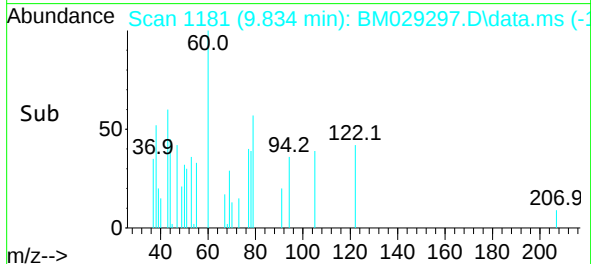
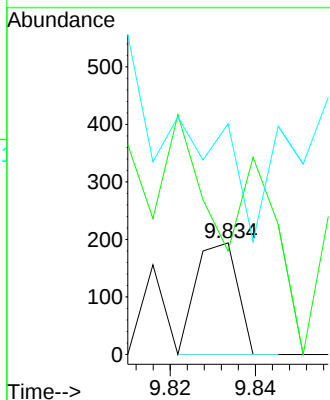
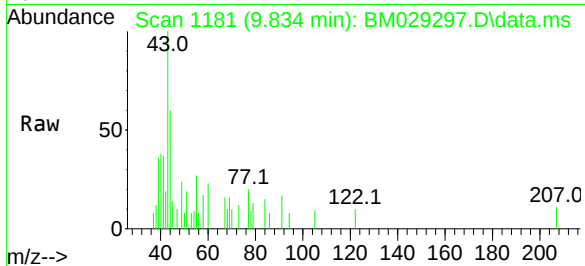




#32
Benzoic acid
Concen: 4.49 ng
RT: 9.834 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BM029297.D
Acq: 31 Mar 2021 17:05

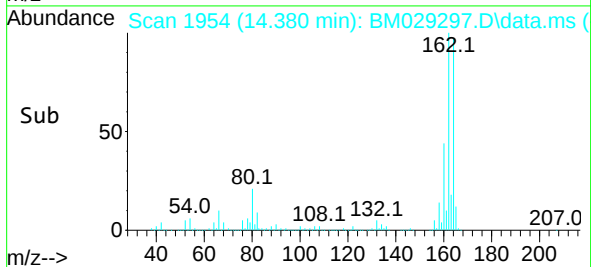
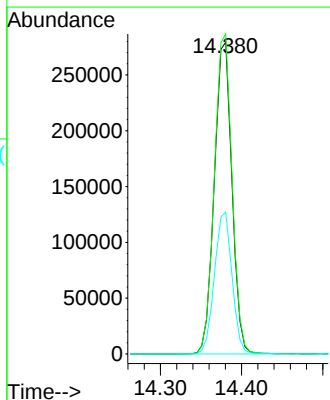
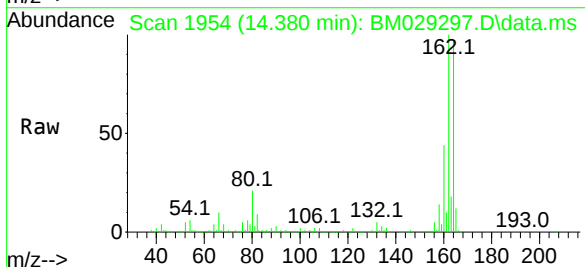
Instrument :
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ClientSampleId :
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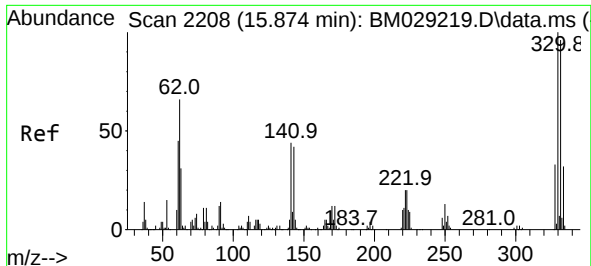
Tgt Ion:122 Resp: 132
Ion Ratio Lower Upper
122 100
105 92.8 108.2 148.2#
77 206.7 86.0 126.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.380 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BM029297.D
Acq: 31 Mar 2021 17:05

Tgt Ion:164 Resp: 422552
Ion Ratio Lower Upper
164 100
162 102.6 84.4 126.6
160 45.5 36.6 54.8

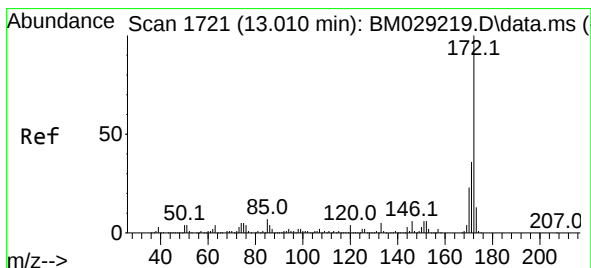
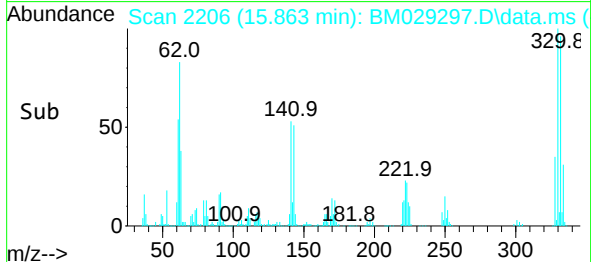
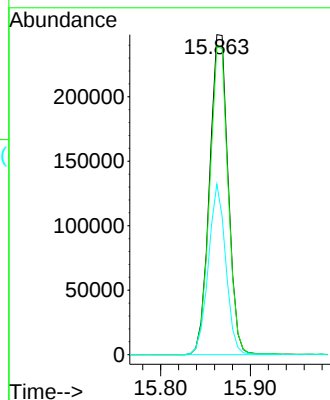
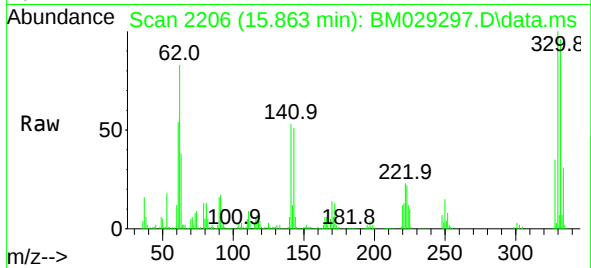




#42
2,4,6-Tribromophenol
Concen: 91.18 ng
RT: 15.863 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BM029297.D
Acq: 31 Mar 2021 17:05

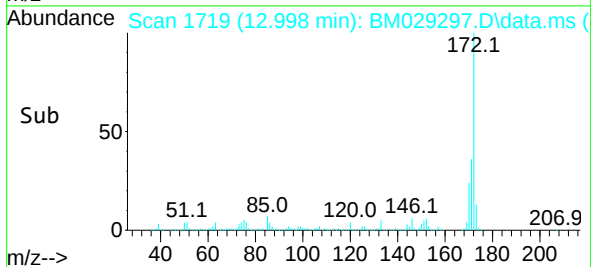
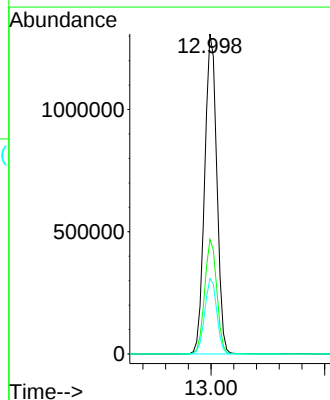
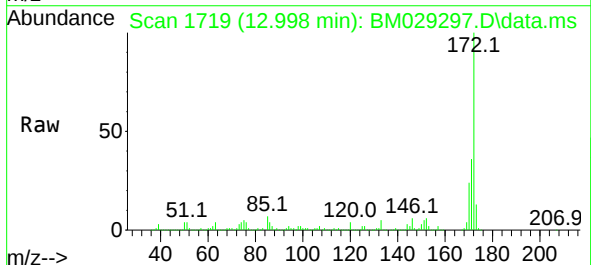
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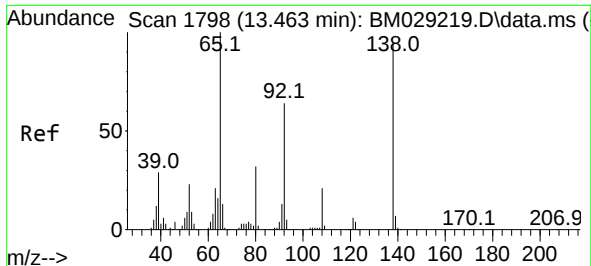
Tgt Ion:330 Resp: 356812
Ion Ratio Lower Upper
330 100
332 95.7 77.1 115.7
141 49.8 39.2 58.8



#45
2-Fluorobiphenyl
Concen: 65.19 ng
RT: 12.998 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BM029297.D
Acq: 31 Mar 2021 17:05

Tgt Ion:172 Resp: 1941885
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 23.5 18.8 28.2

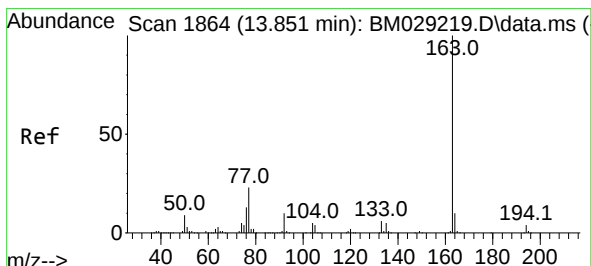
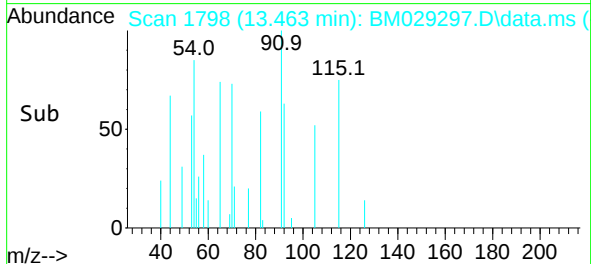
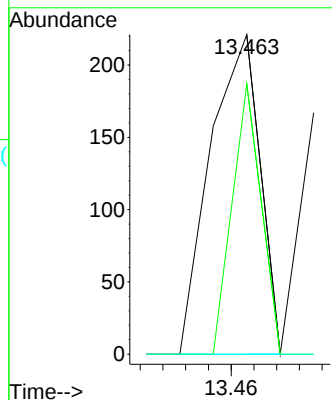
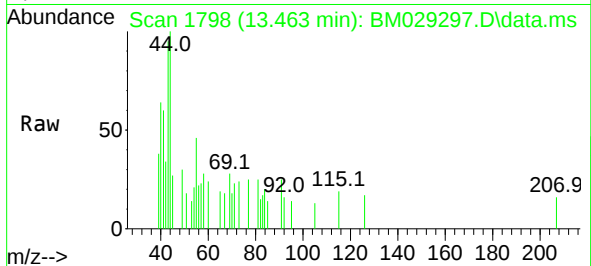




#48
2-Nitroaniline
Concen: 3.29 ng
RT: 13.463 min Scan# 1798
Delta R.T. 0.012 min
Lab File: BM029297.D
Acq: 31 Mar 2021 17:05

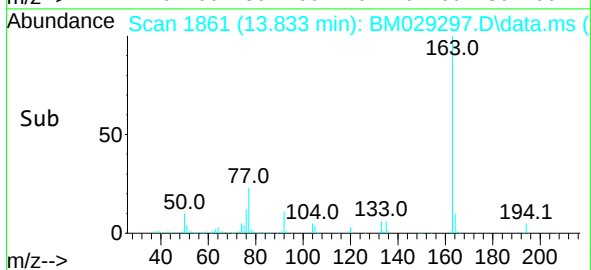
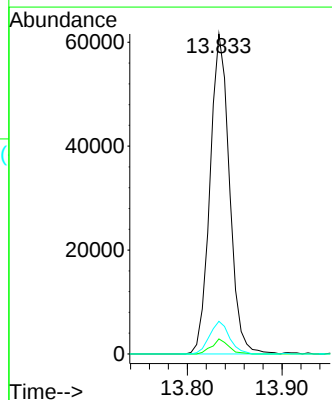
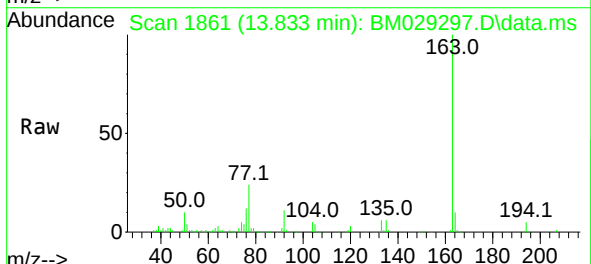
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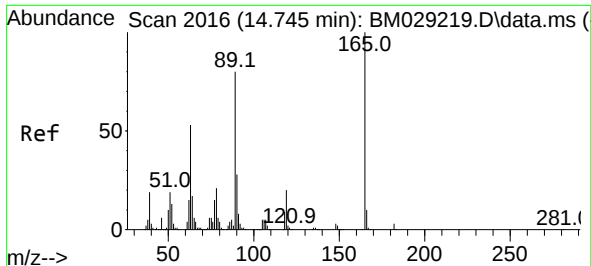
Tgt Ion: 65 Resp: 134
Ion Ratio Lower Upper
65 100
92 84.6 52.4 78.6#
138 0.0 75.0 112.6#



#50
Dimethylphthalate
Concen: 2.97 ng
RT: 13.833 min Scan# 1861
Delta R.T. -0.006 min
Lab File: BM029297.D
Acq: 31 Mar 2021 17:05

Tgt Ion:163 Resp: 87701
Ion Ratio Lower Upper
163 100
194 4.7 3.2 4.8
164 10.2 7.9 11.9

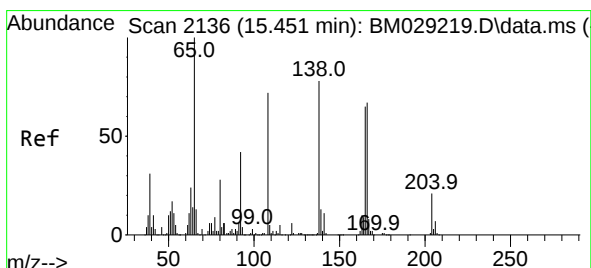
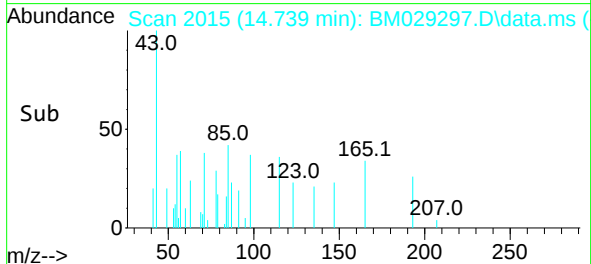
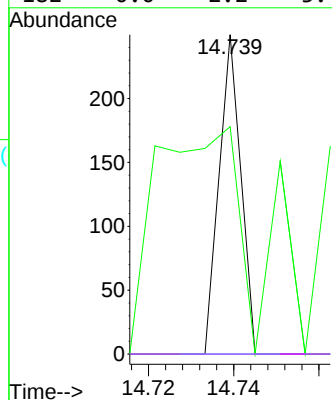
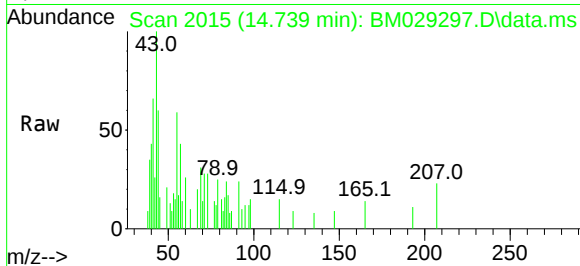




#57
2,4-Dinitrotoluene
Concen: 3.18 ng
RT: 14.739 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BM029297.D
Acq: 31 Mar 2021 17:05

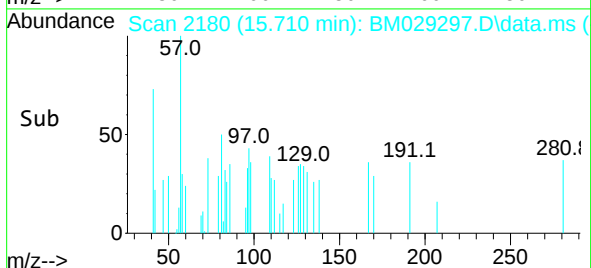
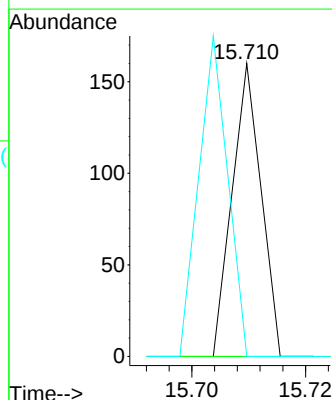
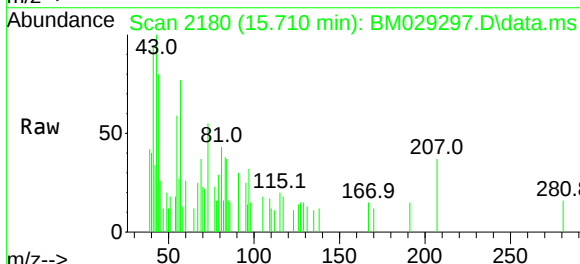
Instrument :
BNA_M
ClientSampled :
DUP032421

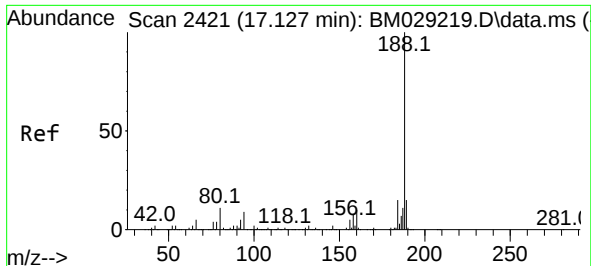
Tgt Ion:165 Resp: 88
Ion Ratio Lower Upper
165 100
63 71.2 42.2 63.4#
89 0.0 65.6 98.4#
182 0.0 2.2 3.4#



#62
4-Nitroaniline
Concen: 3.59 ng
RT: 15.710 min Scan# 2180
Delta R.T. 0.270 min
Lab File: BM029297.D
Acq: 31 Mar 2021 17:05

Tgt Ion:138 Resp: 56
Ion Ratio Lower Upper
138 100
92 0.0 38.2 78.2#
108 0.0 71.7 111.7#

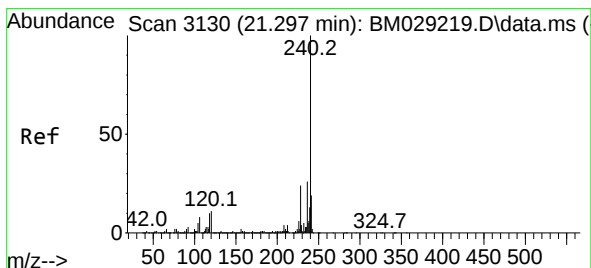
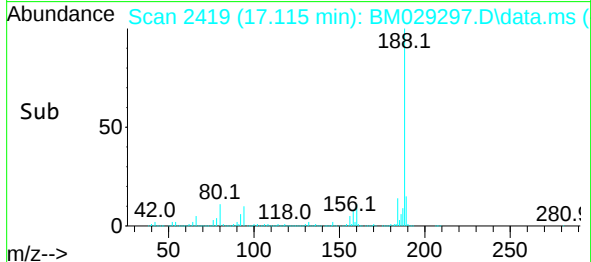
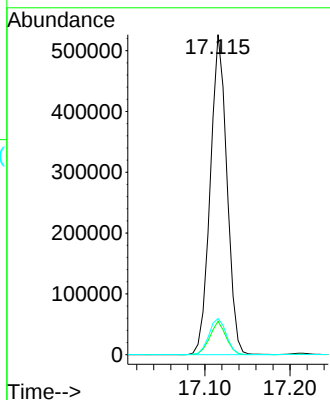
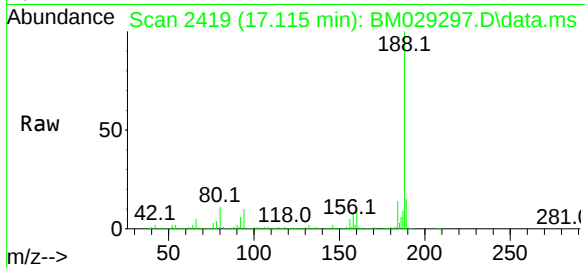




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.115 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BM029297.D
Acq: 31 Mar 2021 17:05

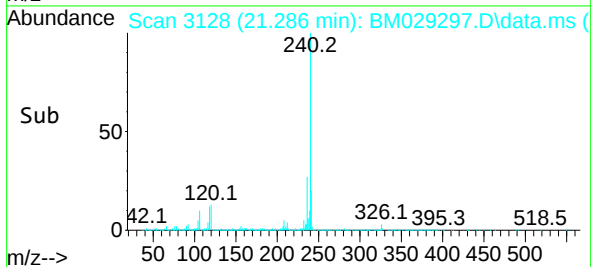
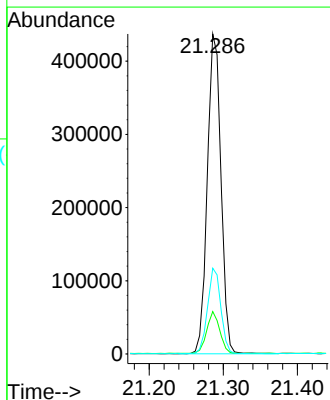
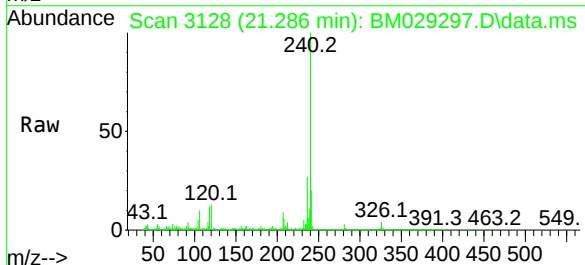
Instrument :
BNA_M
ClientSampleId :
DUP032421

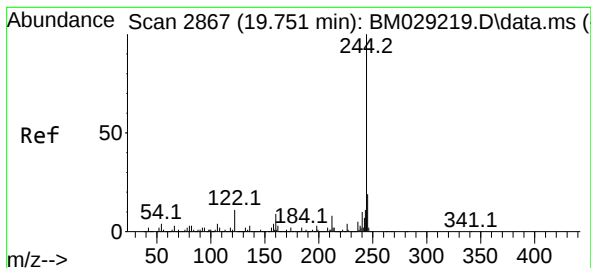
Tgt Ion:188 Resp: 715435
Ion Ratio Lower Upper
188 100
94 10.4 8.1 12.1
80 11.3 9.2 13.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.286 min Scan# 3128
Delta R.T. -0.000 min
Lab File: BM029297.D
Acq: 31 Mar 2021 17:05

Tgt Ion:240 Resp: 558042
Ion Ratio Lower Upper
240 100
120 13.2 9.0 13.6
236 26.8 20.3 30.5





#79

Terphenyl-d14

Concen: 68.26 ng

RT: 19.739 min Scan# 2865

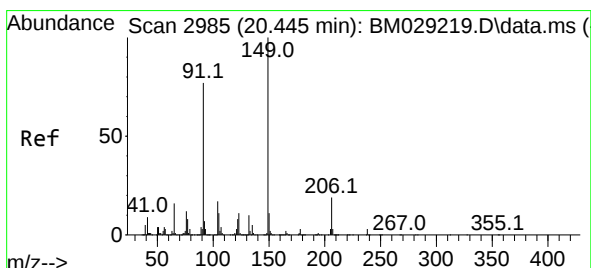
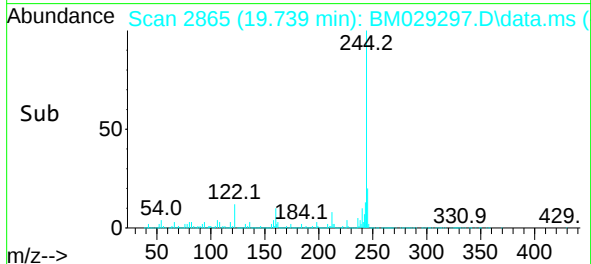
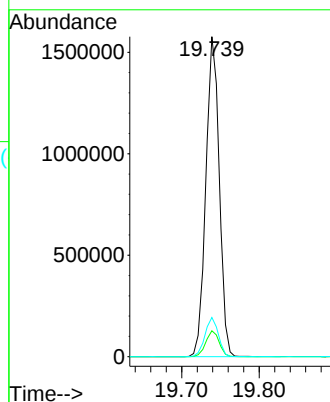
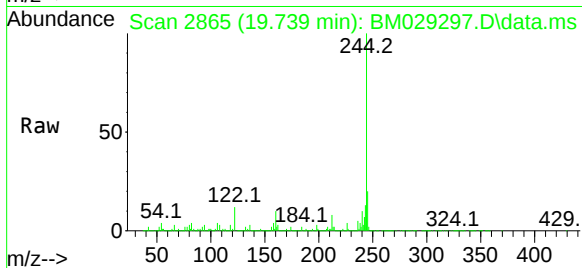
Delta R.T. -0.000 min

Lab File: BM029297.D

Acq: 31 Mar 2021 17:05

Tgt Ion:244 Resp: 1896044

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	12.2	9.2	13.8



#80

Butylbenzylphthalate

Concen: 3.69 ng

RT: 20.403 min Scan# 2978

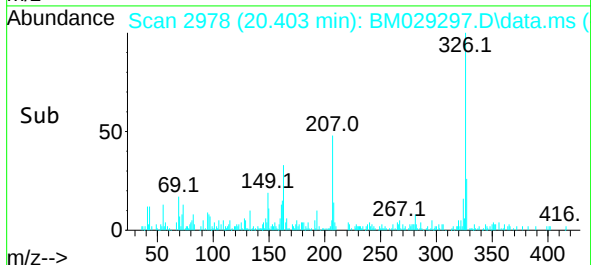
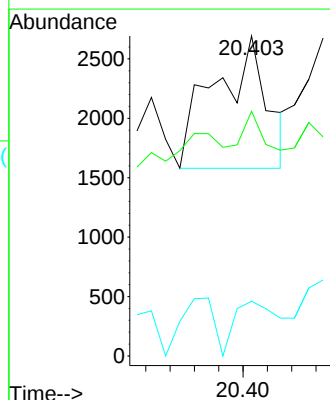
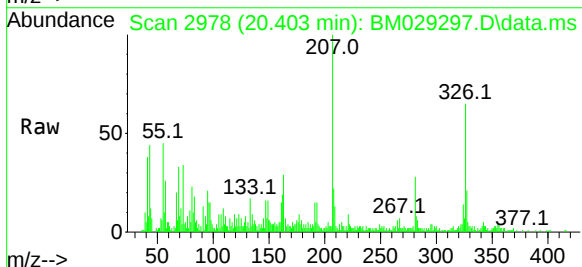
Delta R.T. -0.030 min

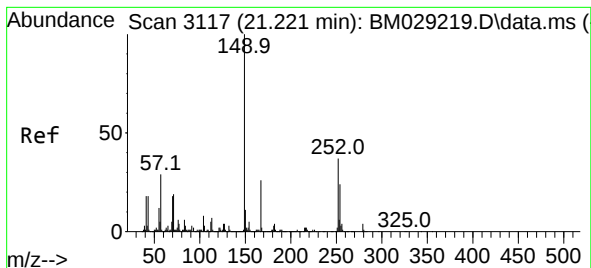
Lab File: BM029297.D

Acq: 31 Mar 2021 17:05

Tgt Ion:149 Resp: 1679

Ion	Ratio	Lower	Upper
149	100		
91	76.5	60.5	90.7
206	17.1	15.7	23.5

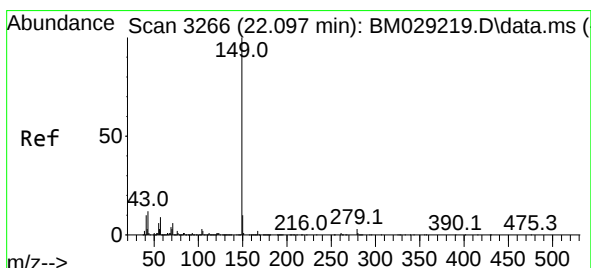
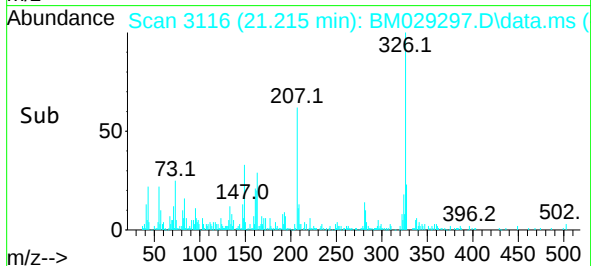
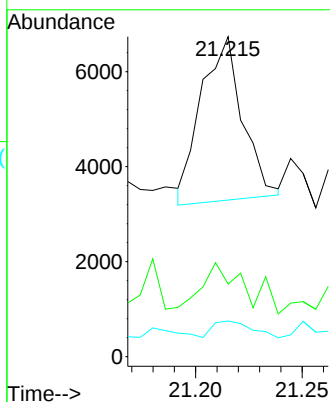
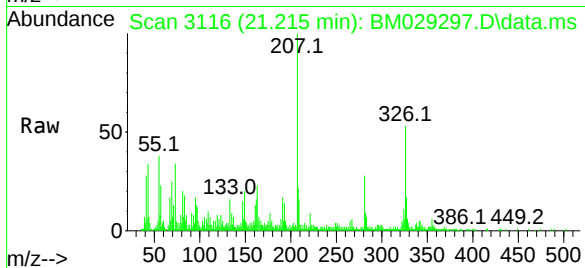




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.77 ng
RT: 21.215 min Scan# 3116
Delta R.T. 0.006 min
Lab File: BM029297.D
Acq: 31 Mar 2021 17:05

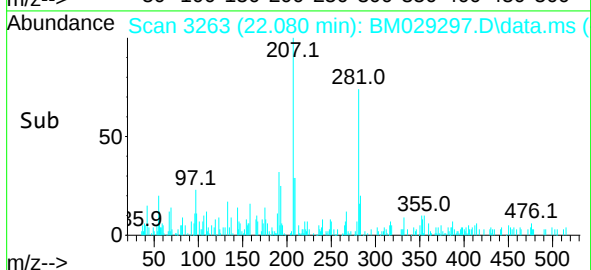
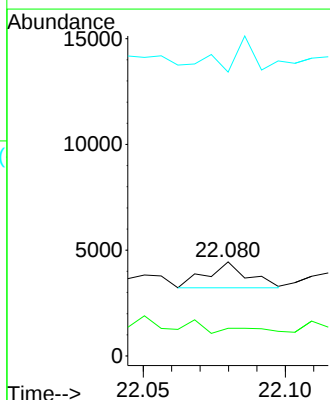
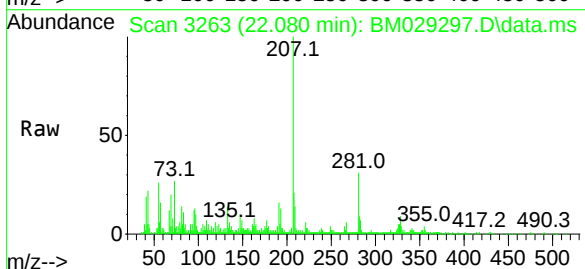
Instrument :
BNA_M
ClientSampleId :
DUP032421

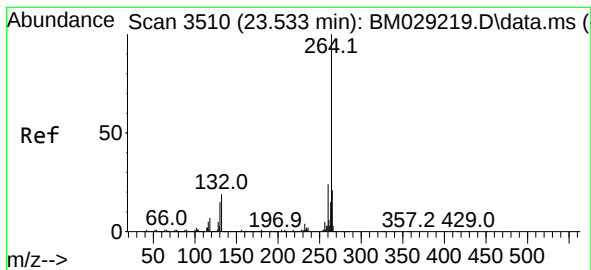
Tgt Ion:149 Resp: 4661
Ion Ratio Lower Upper
149 100
167 22.7 20.6 31.0
279 11.2 3.3 4.9#



#85
Di-n-octyl phthalate
Concen: 4.09 ng
RT: 22.080 min Scan# 3263
Delta R.T. -0.006 min
Lab File: BM029297.D
Acq: 31 Mar 2021 17:05

Tgt Ion:149 Resp: 1230
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 73.3 9.8 14.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.527 min Scan# 3509
 Delta R.T. 0.006 min
 Lab File: BM029297.D
 Acq: 31 Mar 2021 17:05

Instrument :
 BNA_M
 ClientSampleId :
 DUP032421

Tgt Ion:264	Resp:	594021
Ion Ratio	Lower	Upper
264	100	
260	23.9	19.6 29.4
265	21.4	17.8 26.8

