

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
 Data File : BM029717.D
 Acq On : 29 Apr 2021 19:59
 Operator : CG/JU
 Sample : M2198-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SAMPLE-1-GRAB

Quant Time: Apr 30 01:08:23 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)

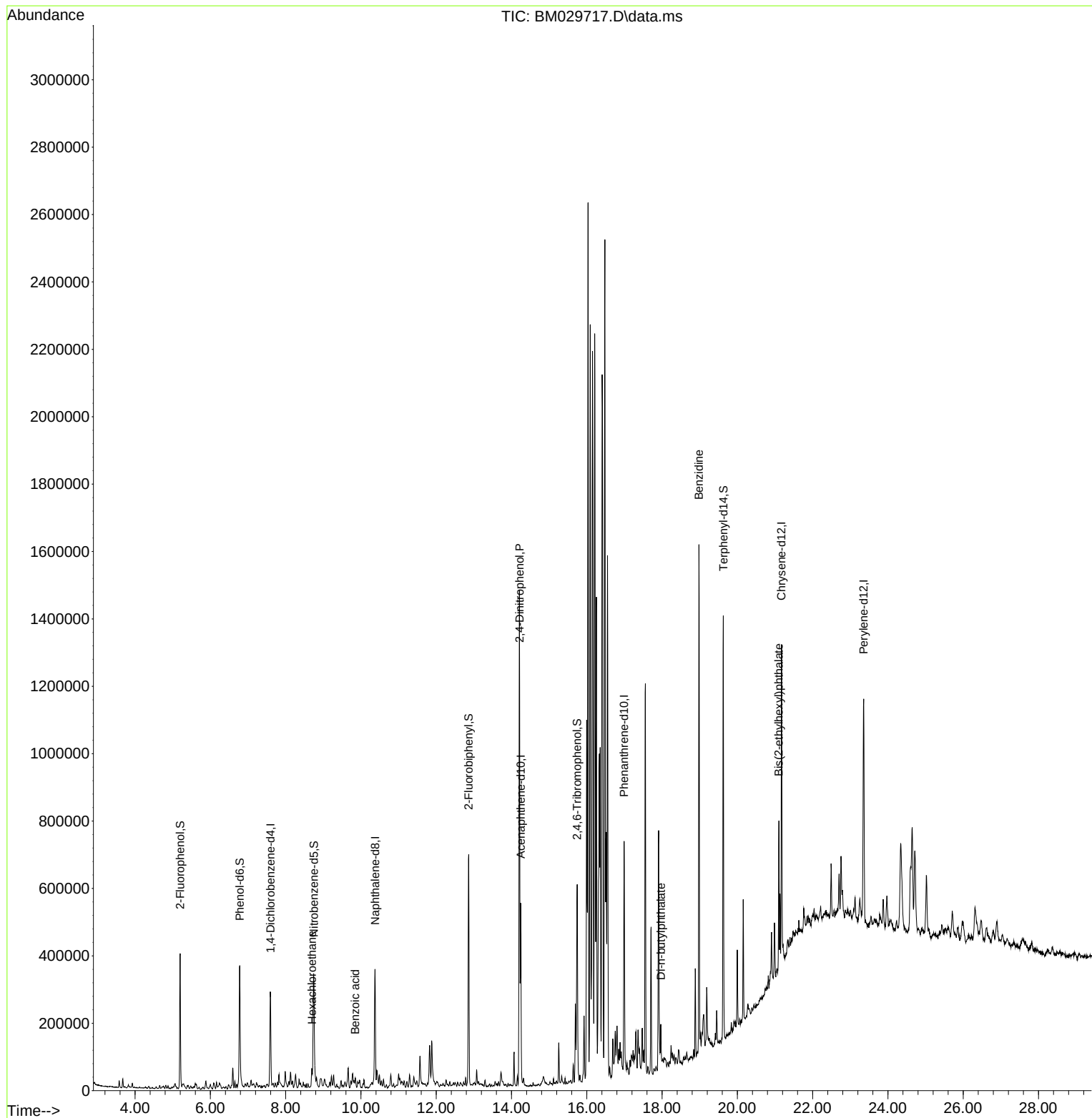
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.598	152	76501	20.00	ng	0.00
21) Naphthalene-d8	10.375	136	273428	20.00	ng	# 0.00
39) Acenaphthene-d10	14.245	164	182365	20.00	ng	0.00
64) Phenanthrene-d10	16.992	188	399081	20.00	ng	0.00
76) Chrysene-d12	21.174	240	445716	20.00	ng	0.00
86) Perylene-d12	23.356	264	474511	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.198	112	176096	47.99	ng	0.00
7) Phenol-d6	6.781	99	209941	42.14	ng	0.00
23) Nitrobenzene-d5	8.751	82	140900	29.77	ng	0.00
42) 2,4,6-Tribromophenol	15.745	330	114940	39.70	ng	0.00
45) 2-Fluorobiphenyl	12.863	172	385455	27.41	ng	0.00
79) Terphenyl-d14	19.627	244	579073	23.85	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	8.698	117	4930	2.53	ng	# 1
32) Benzoic acid	9.845	122	213	4.96	ng	# 1
54) 2,4-Dinitrophenol	14.215	184	2313	5.76	ng	# 41
74) Di-n-butylphthalate	17.968	149	78961	3.32	ng	99
77) Benzidine	18.980	184	989028	119.96	ng	# 85
84) Bis(2-ethylhexyl)phtha...	21.103	149	164121	9.45	ng	# 97

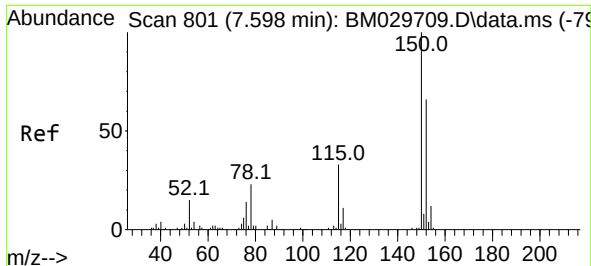
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 29 17:34:54 2021
Response via : Initial Calibration

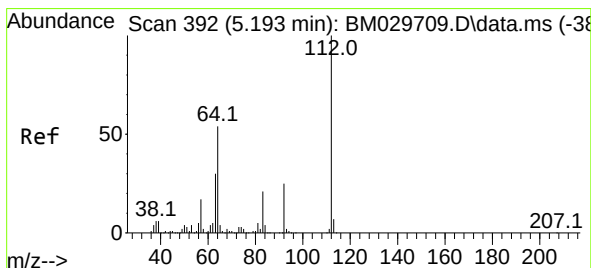
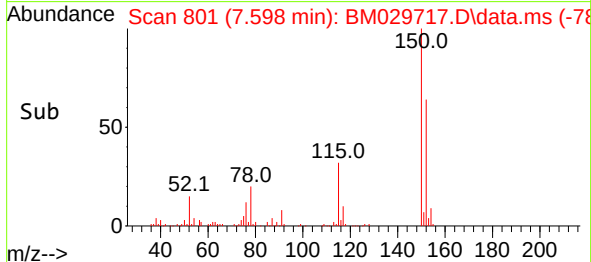
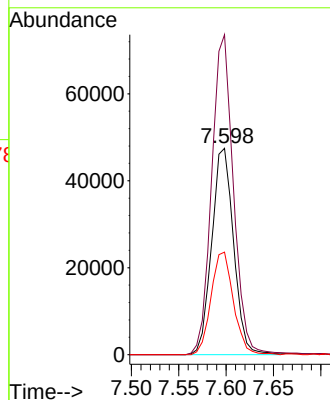
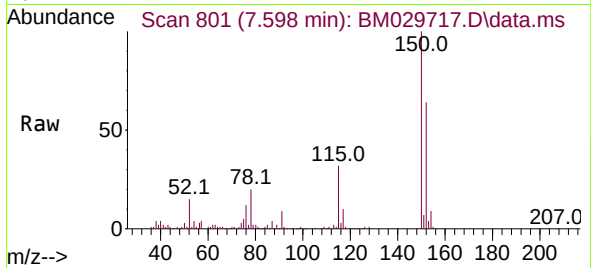




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.598 min Scan# 801
Delta R.T. 0.000 min
Lab File: BM029717.D
Acq: 29 Apr 2021 19:59

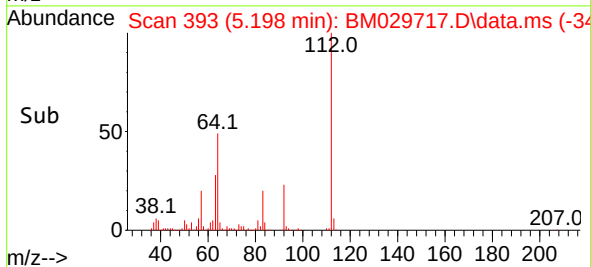
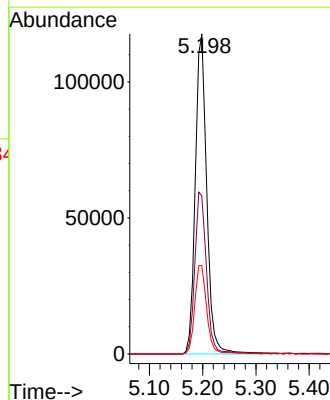
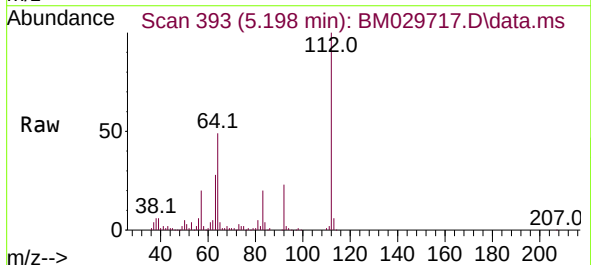
Instrument :
BNA_M
ClientSampleId :
SAMPLE-1-GRAB

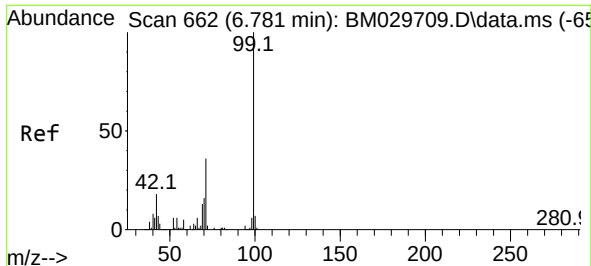
Tgt Ion:152 Resp: 76501
Ion Ratio Lower Upper
152 100
150 155.1 125.9 188.9
115 49.7 44.6 67.0



#5
2-Fluorophenol
Concen: 47.99 ng
RT: 5.198 min Scan# 393
Delta R.T. 0.006 min
Lab File: BM029717.D
Acq: 29 Apr 2021 19:59

Tgt Ion:112 Resp: 176096
Ion Ratio Lower Upper
112 100
64 49.4 47.1 70.7
63 27.7 27.3 40.9

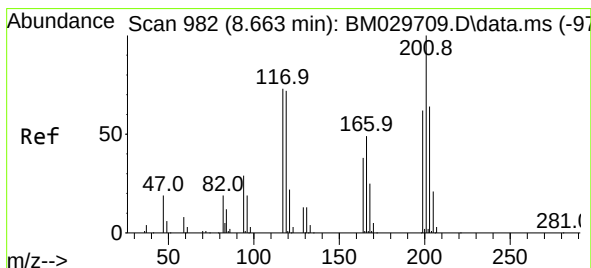
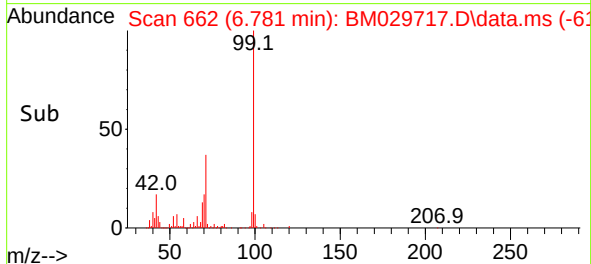
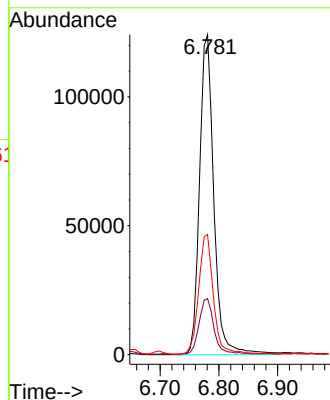
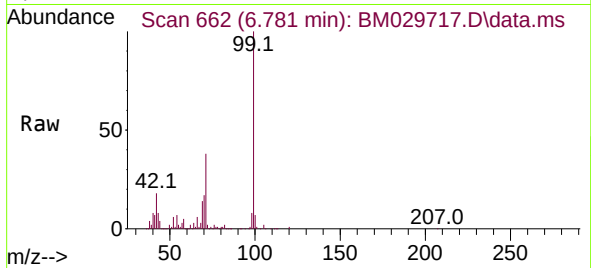




#7
Phenol-d6
Concen: 42.14 ng
RT: 6.781 min Scan# 662
Delta R.T. -0.000 min
Lab File: BM029717.D
Acq: 29 Apr 2021 19:59

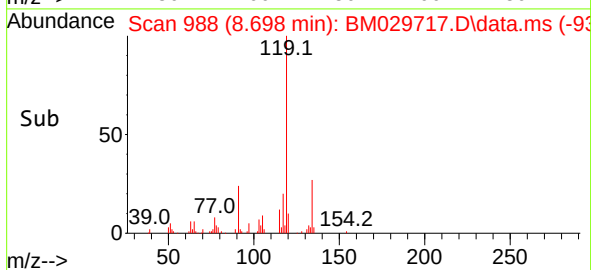
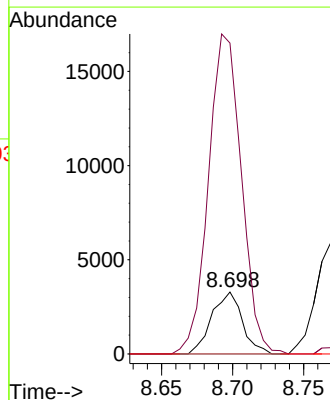
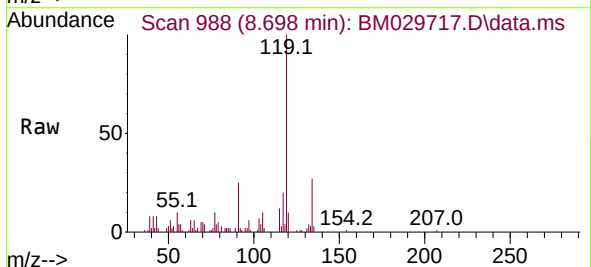
Instrument :
BNA_M
ClientSampleId :
SAMPLE-1-GRAB

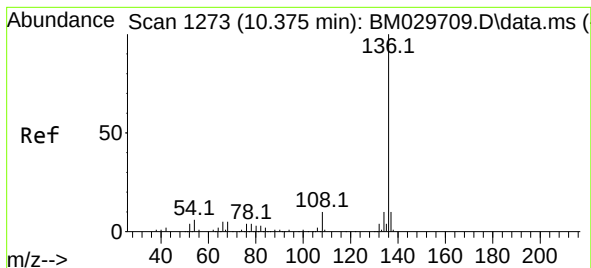
Tgt Ion: 99 Resp: 209941
Ion Ratio Lower Upper
99 100
42 17.5 18.0 27.0#
71 37.5 30.9 46.3



#18
Hexachloroethane
Concen: 2.53 ng
RT: 8.698 min Scan# 982
Delta R.T. 0.035 min
Lab File: BM029717.D
Acq: 29 Apr 2021 19:59

Tgt Ion: 117 Resp: 4930
Ion Ratio Lower Upper
117 100
119 501.7 76.2 114.2#
201 0.0 89.8 134.6#

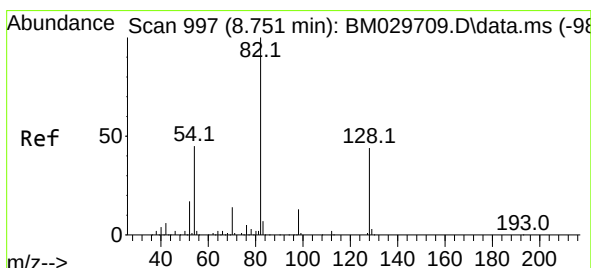
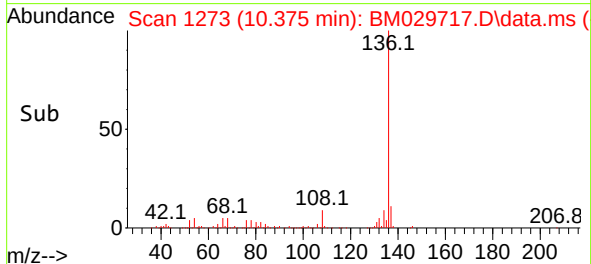
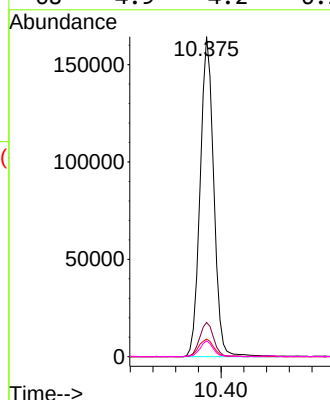
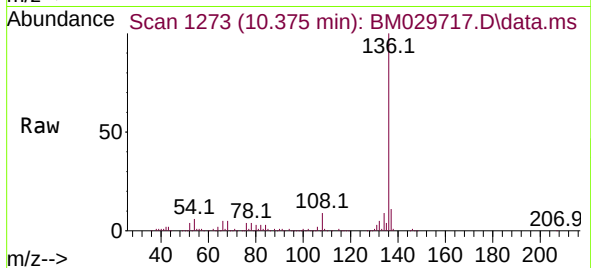




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.375 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BM029717.D
Acq: 29 Apr 2021 19:59

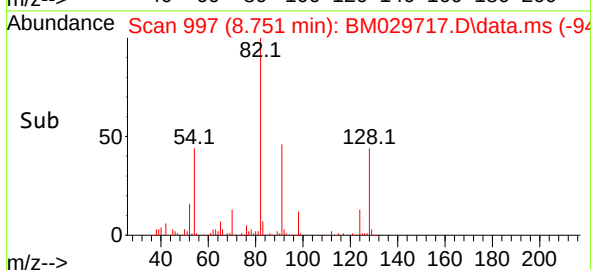
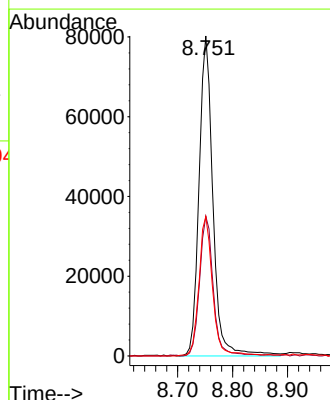
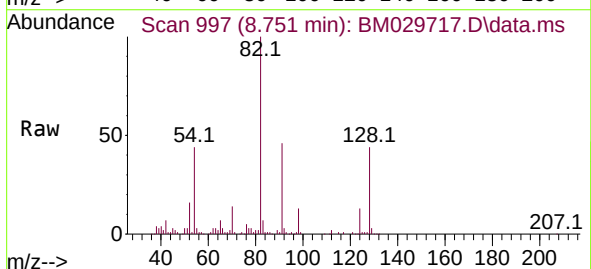
Instrument :
BNA_M
ClientSampleId :
SAMPLE-1-GRAB

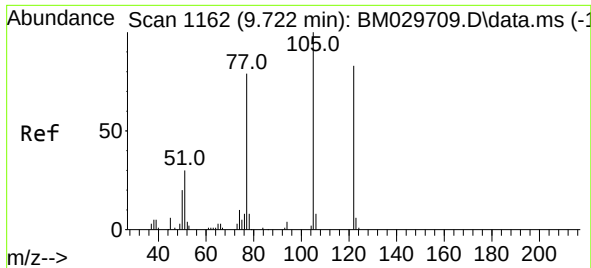
Tgt Ion:	136	Resp:	273428
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	5.5	5.5	8.3#
68	4.9	4.2	6.2



#23
Nitrobenzene-d5
Concen: 29.77 ng
RT: 8.751 min Scan# 997
Delta R.T. -0.000 min
Lab File: BM029717.D
Acq: 29 Apr 2021 19:59

Tgt Ion:	82	Resp:	140900
Ion	Ratio	Lower	Upper
82	100		
128	43.7	31.1	46.7
54	43.5	37.3	55.9

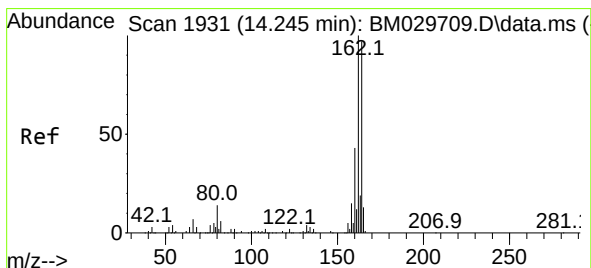
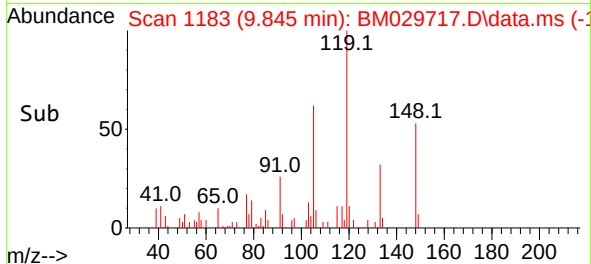
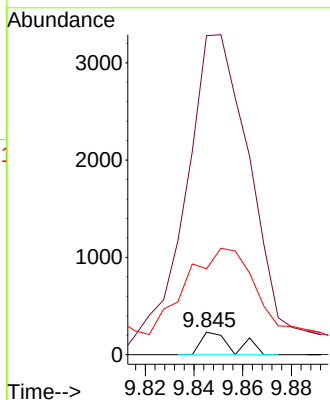
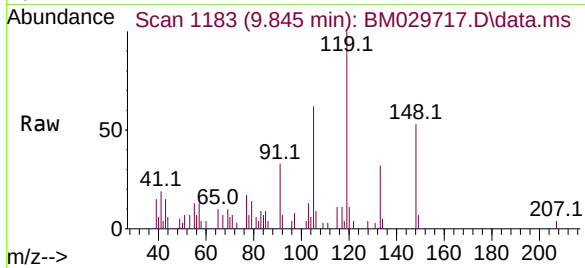




#32
Benzoic acid
Concen: 4.96 ng
RT: 9.845 min Scan# 1183
Delta R.T. 0.123 min
Lab File: BM029717.D
Acq: 29 Apr 2021 19:59

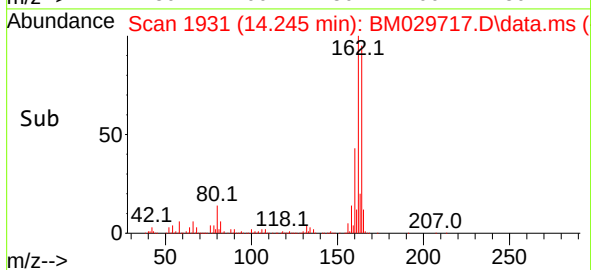
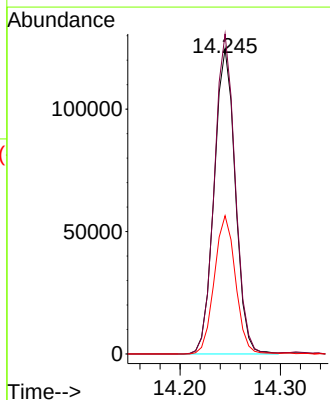
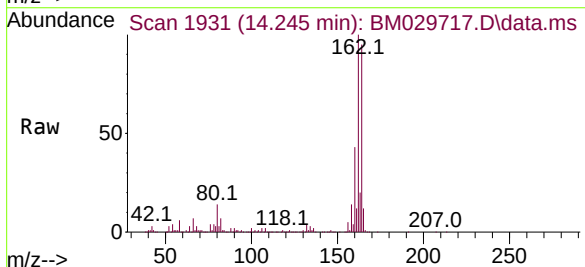
Instrument :
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ClientSampleId :
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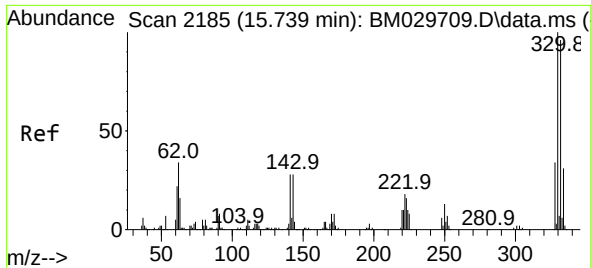
Tgt Ion:122 Resp: 213
Ion Ratio Lower Upper
122 100
105 1419.5 107.3 147.3#
77 382.3 88.0 128.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.245 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BM029717.D
Acq: 29 Apr 2021 19:59

Tgt Ion:164 Resp: 182365
Ion Ratio Lower Upper
164 100
162 104.9 83.4 125.0
160 45.3 37.2 55.8

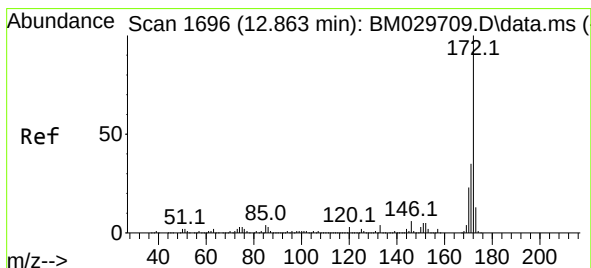
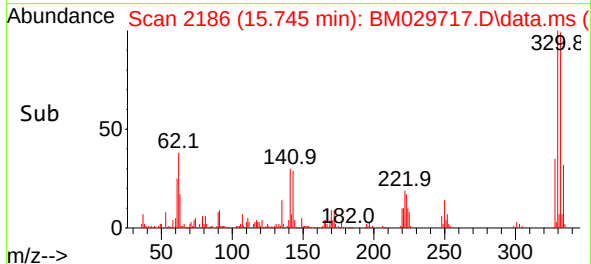
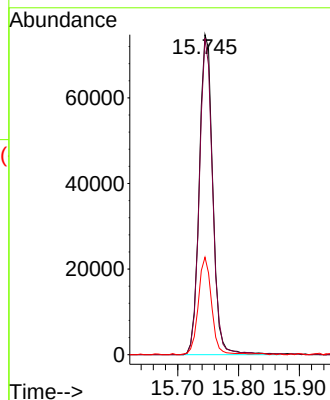
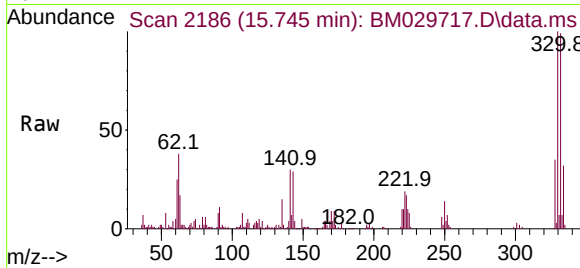




#42
2,4,6-Tribromophenol
Concen: 39.70 ng
RT: 15.745 min Scan# 2186
Delta R.T. 0.006 min
Lab File: BM029717.D
Acq: 29 Apr 2021 19:59

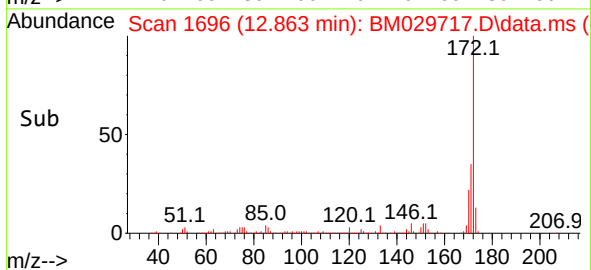
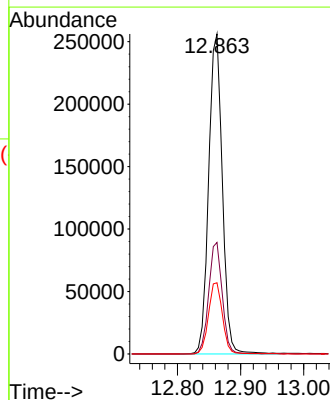
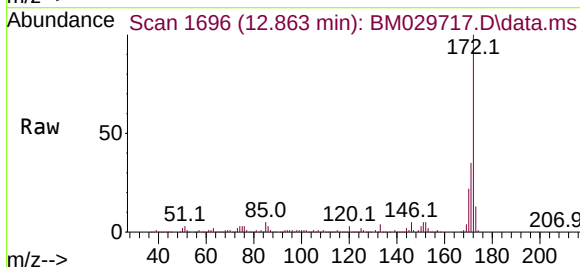
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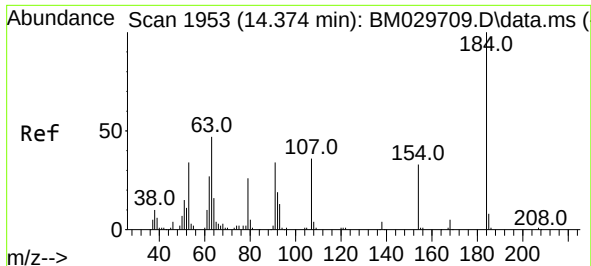
Tgt Ion:330 Resp: 114940
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 30.0 30.2 45.2#



#45
2-Fluorobiphenyl
Concen: 27.41 ng
RT: 12.863 min Scan# 1696
Delta R.T. -0.000 min
Lab File: BM029717.D
Acq: 29 Apr 2021 19:59

Tgt Ion:172 Resp: 385455
Ion Ratio Lower Upper
172 100
171 34.8 28.6 43.0
170 22.3 18.4 27.6

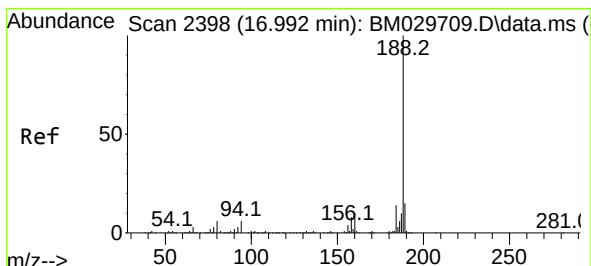
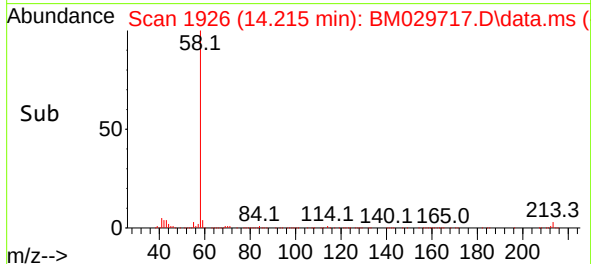
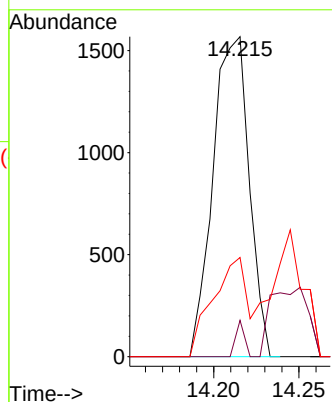
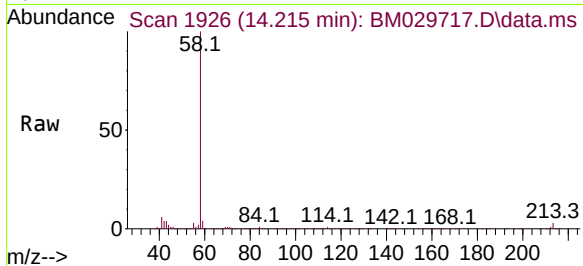




#54
2,4-Dinitrophenol
Concen: 5.76 ng
RT: 14.215 min Scan# 1926
Delta R.T. -0.159 min
Lab File: BM029717.D
Acq: 29 Apr 2021 19:59

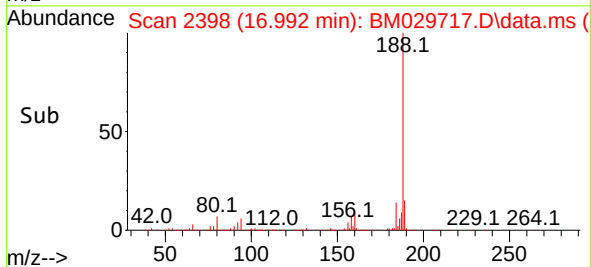
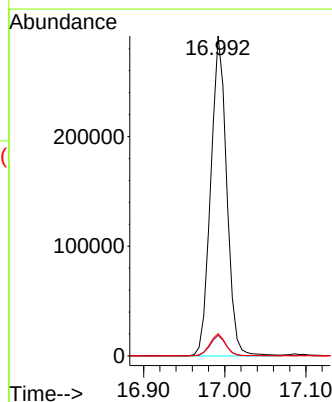
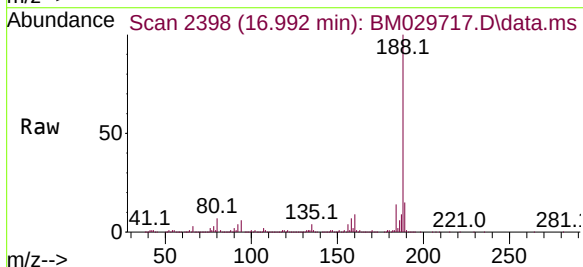
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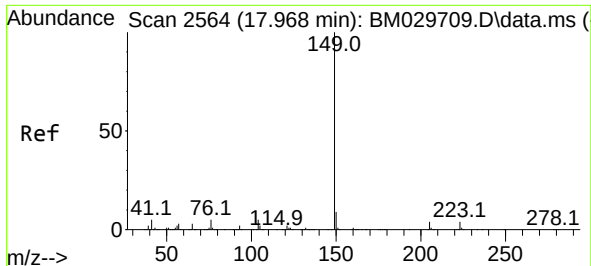
Tgt Ion:184 Resp: 2313
Ion Ratio Lower Upper
184 100
63 11.4 54.2 81.2#
154 31.0 56.1 84.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.992 min Scan# 2398
Delta R.T. -0.000 min
Lab File: BM029717.D
Acq: 29 Apr 2021 19:59

Tgt Ion:188 Resp: 399081
Ion Ratio Lower Upper
188 100
94 6.5 6.0 9.0
80 7.0 6.6 9.8

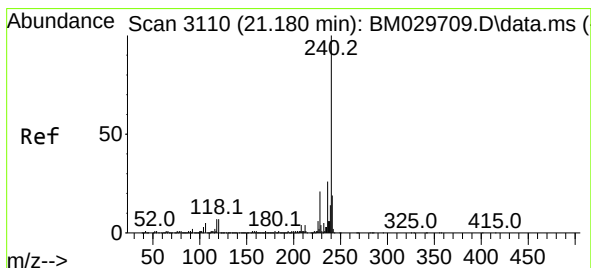
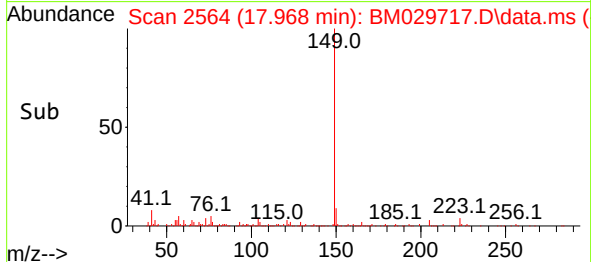
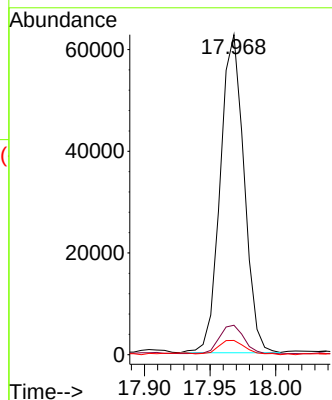
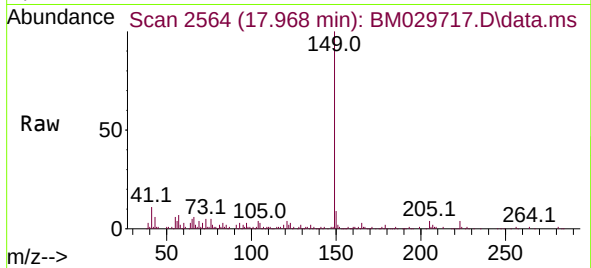




#74
Di-n-butylphthalate
Concen: 3.32 ng
RT: 17.968 min Scan# 2564
Delta R.T. -0.000 min
Lab File: BM029717.D
Acq: 29 Apr 2021 19:59

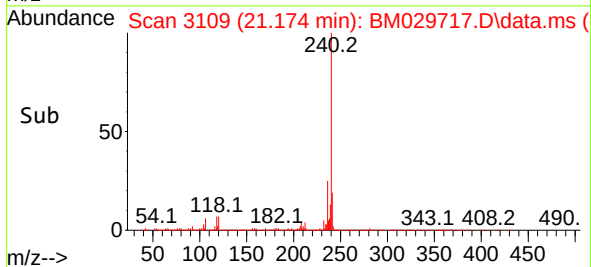
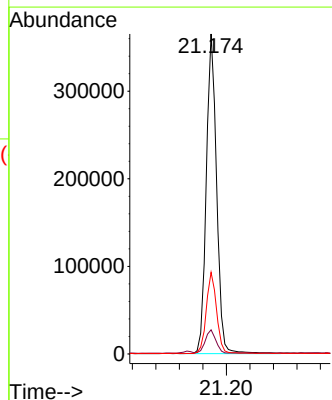
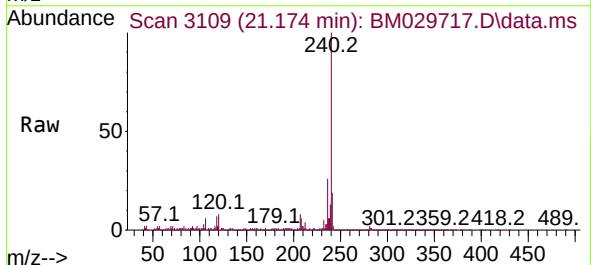
Instrument :
BNA_M
ClientSampleId :
SAMPLE-1-GRAB

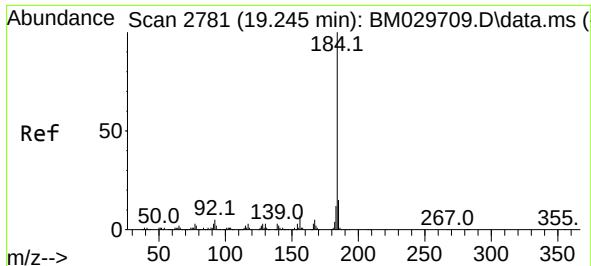
Tgt Ion:149	Resp:	78961
Ion Ratio	Lower	Upper
149	100	
150	9.2	7.2 10.8
104	4.5	4.3 6.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.174 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BM029717.D
Acq: 29 Apr 2021 19:59

Tgt Ion:240	Resp:	445716
Ion Ratio	Lower	Upper
240	100	
120	7.6	7.0 10.6
236	25.5	21.0 31.4

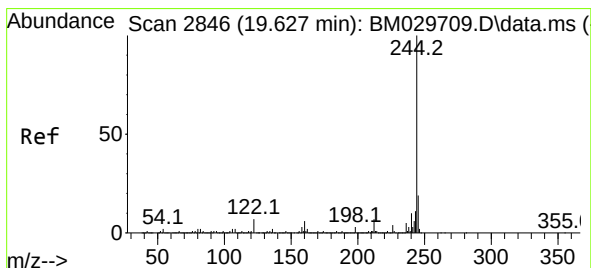
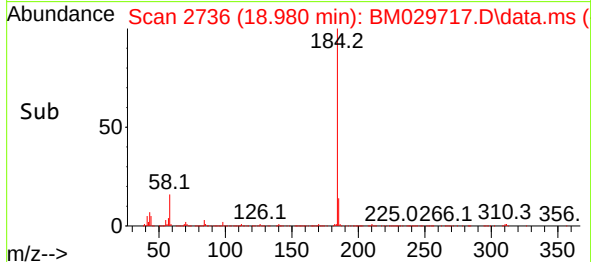
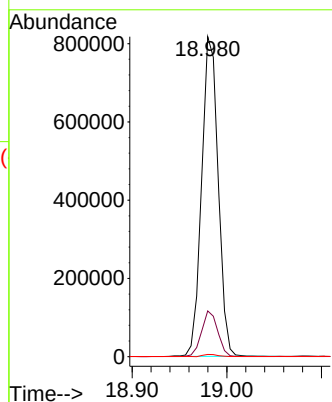
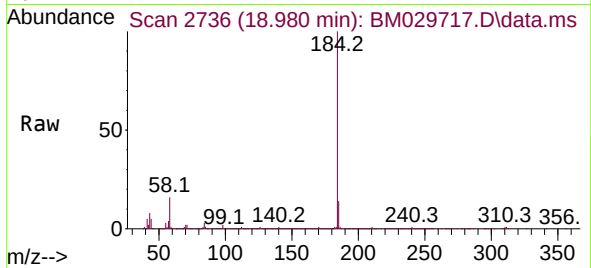




#77
Benzidine
Concen: 119.96 ng
RT: 18.980 min Scan# 2736
Delta R.T. -0.265 min
Lab File: BM029717.D
Acq: 29 Apr 2021 19:59

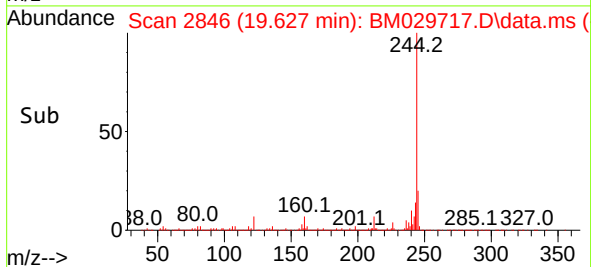
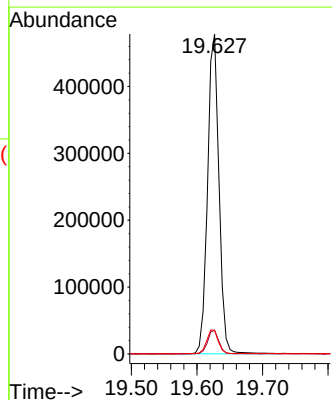
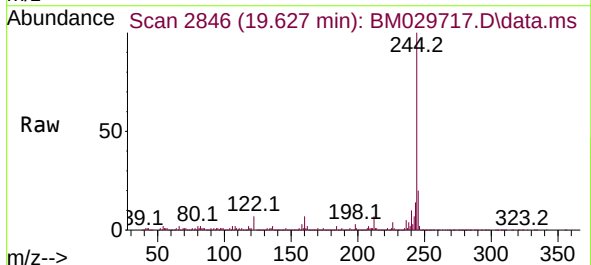
Instrument :
BNA_M
ClientSampleId :
SAMPLE-1-GRAB

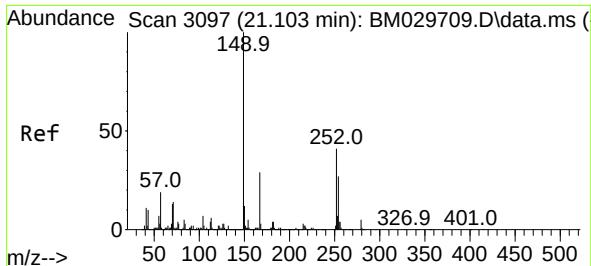
Tgt Ion:184 Resp: 989028
Ion Ratio Lower Upper
184 100
185 14.3 10.9 16.3
183 0.7 9.8 14.8#



#79
Terphenyl-d14
Concen: 23.85 ng
RT: 19.627 min Scan# 2846
Delta R.T. -0.000 min
Lab File: BM029717.D
Acq: 29 Apr 2021 19:59

Tgt Ion:244 Resp: 579073
Ion Ratio Lower Upper
244 100
212 7.4 6.3 9.5
122 7.4 6.9 10.3

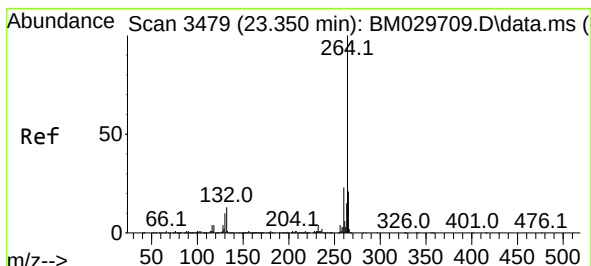
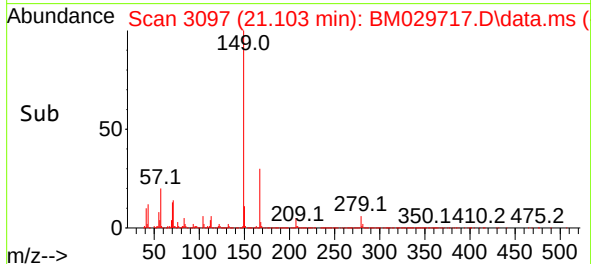
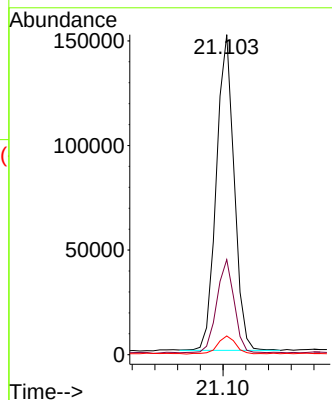
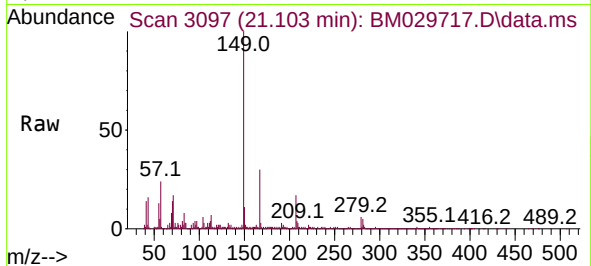




#84
Bis(2-ethylhexyl)phthalate
Concen: 9.45 ng
RT: 21.103 min Scan# 3097
Delta R.T. -0.000 min
Lab File: BM029717.D
Acq: 29 Apr 2021 19:59

Instrument :
BNA_M
ClientSampleId :
SAMPLE-1-GRAB

Tgt Ion:149 Resp: 164121
Ion Ratio Lower Upper
149 100
167 29.7 22.6 33.8
279 5.9 3.8 5.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.356 min Scan# 3480
Delta R.T. 0.006 min
Lab File: BM029717.D
Acq: 29 Apr 2021 19:59

Tgt Ion:264 Resp: 474511
Ion Ratio Lower Upper
264 100
260 23.3 19.8 29.8
265 22.2 17.7 26.5

