

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030521\
 Data File : BM029004.D
 Acq On : 05 Mar 2021 20:06
 Operator : CG/JU
 Sample : M1566-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RO-282

Quant Time: Mar 05 22:24:49 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 05 13:17:12 2021
 Response via : Initial Calibration

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

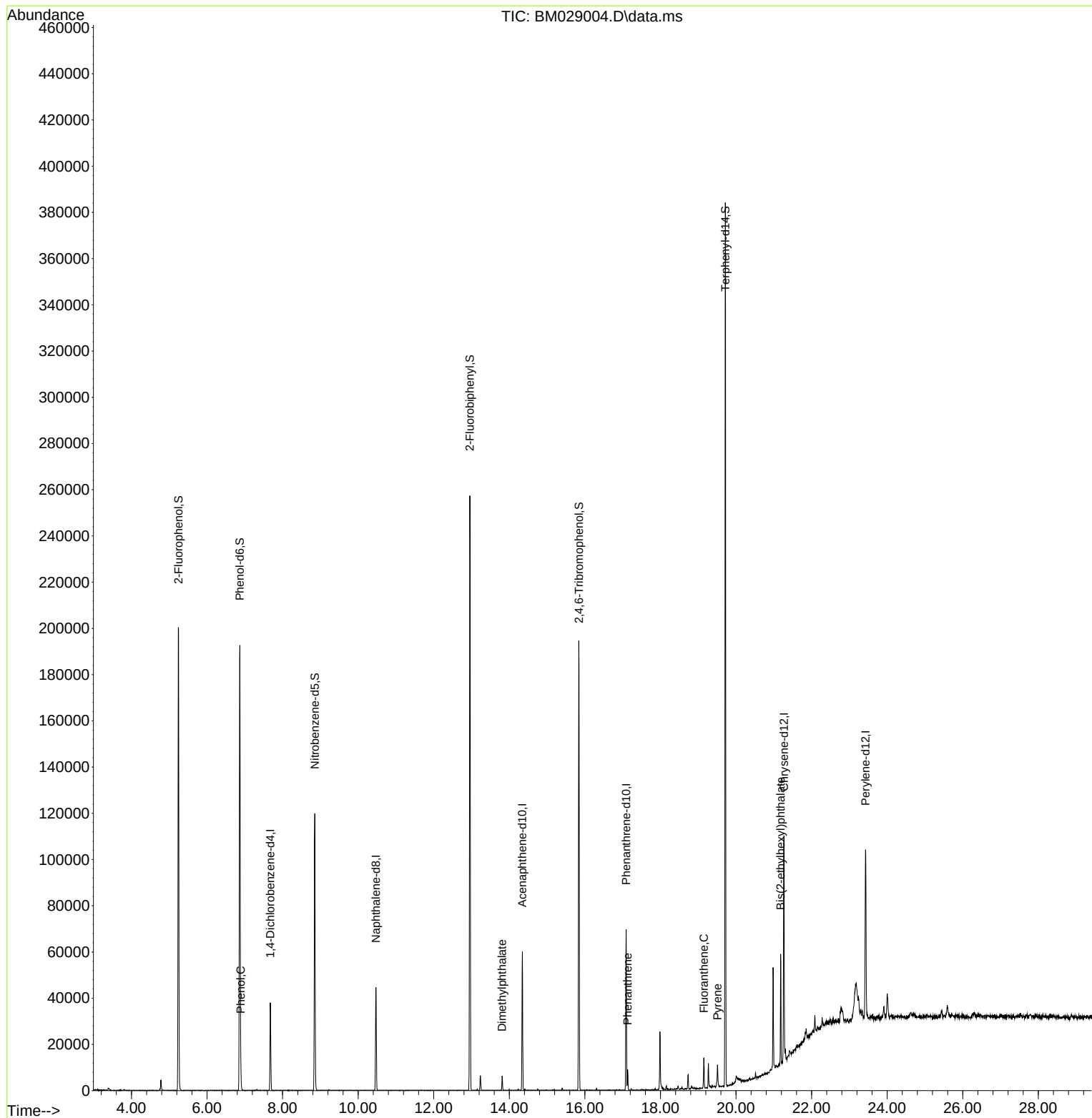
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	9117	20.00	ng	0.00
21) Naphthalene-d8	10.469	136	34826	20.00	ng	# 0.00
39) Acenaphthene-d10	14.345	164	19013	20.00	ng	0.00
64) Phenanthrene-d10	17.092	188	38311	20.00	ng	# 0.00
76) Chrysene-d12	21.268	240	41916	20.00	ng	# 0.00
86) Perylene-d12	23.427	264	46206	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	73271	133.21	ng	0.00
7) Phenol-d6	6.869	99	86990	119.74	ng	0.00
23) Nitrobenzene-d5	8.851	82	57733	89.44	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	27559	122.30	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	115303	80.73	ng	0.00
79) Terphenyl-d14	19.721	244	157028	69.17	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.893	94	2734	3.79	ng	89
50) Dimethylphthalate	13.810	163	4052	2.81	ng	# 95
71) Phenanthrene	17.133	178	5802	2.54	ng	99
75) Fluoranthene	19.151	202	7628	3.04	ng	96
78) Pyrene	19.509	202	6370	2.07	ng	98
84) Bis(2-ethylhexyl)phtha...	21.180	149	15142	7.94	ng	# 94

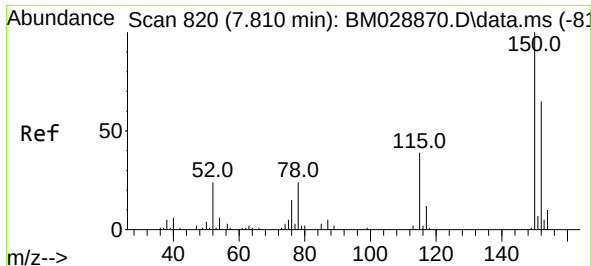
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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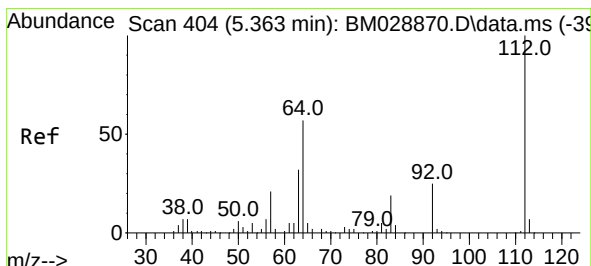
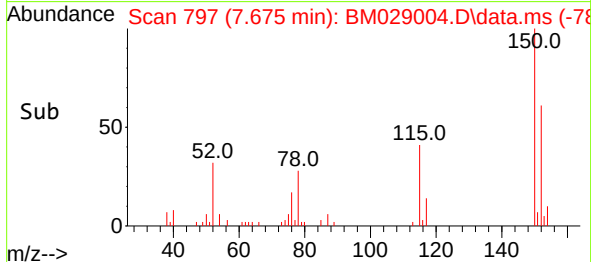
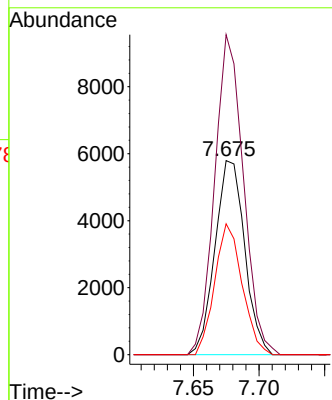
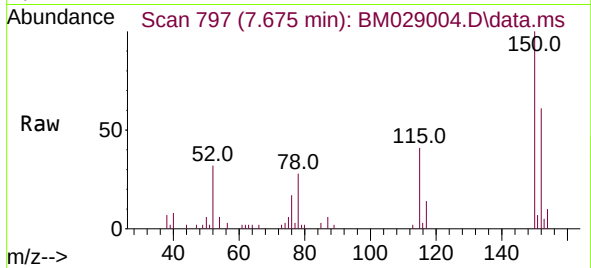




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 797
Delta R.T. -0.006 min
Lab File: BM029004.D
Acq: 05 Mar 2021 20:06

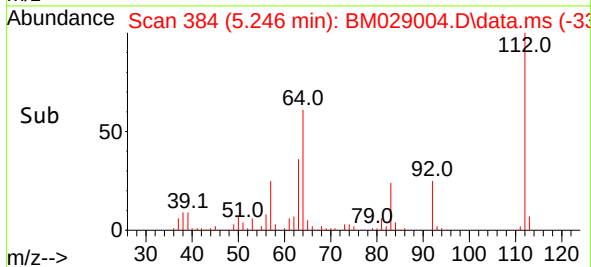
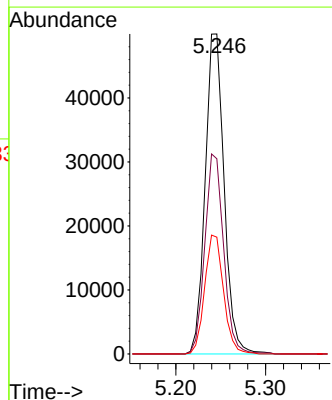
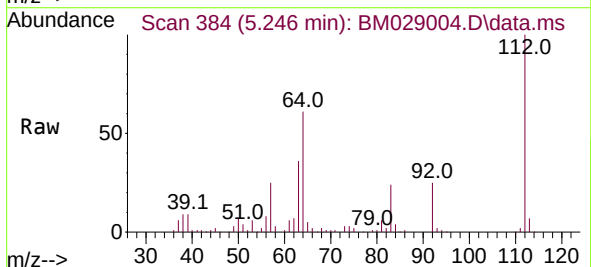
Instrument :
BNA_M
ClientSampled :
RO-282

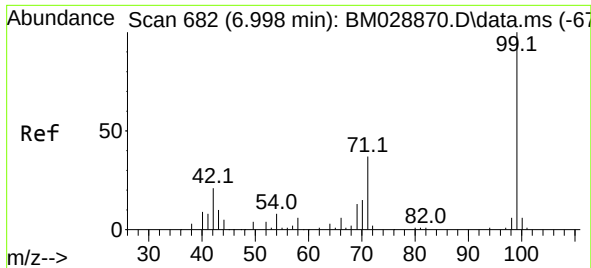
Tgt Ion:152 Resp: 9117
Ion Ratio Lower Upper
152 100
150 164.8 120.6 181.0
115 67.4 47.2 70.8



#5
2-Fluorophenol
Concen: 133.21 ng
RT: 5.246 min Scan# 384
Delta R.T. 0.000 min
Lab File: BM029004.D
Acq: 05 Mar 2021 20:06

Tgt Ion:112 Resp: 73271
Ion Ratio Lower Upper
112 100
64 61.0 50.6 76.0
63 36.5 31.0 46.6

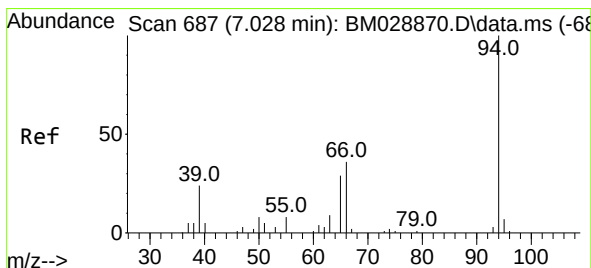
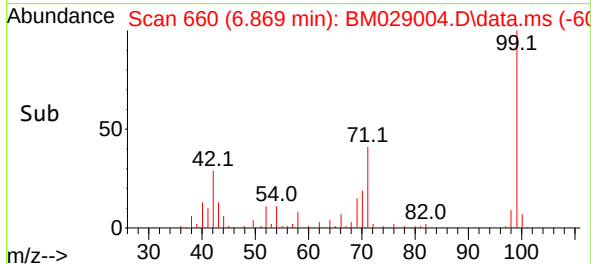
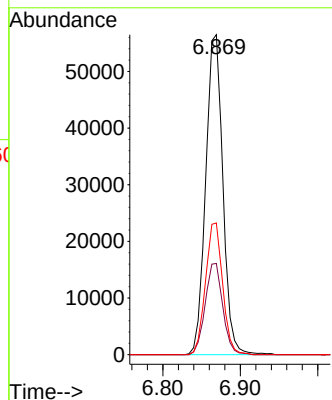
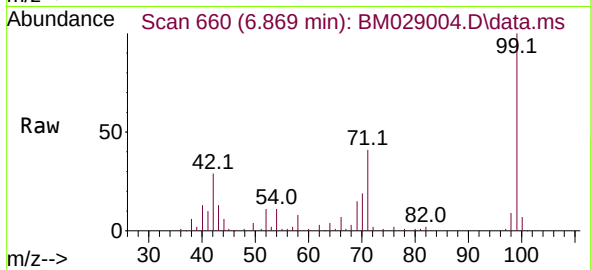




#7
Phenol-d6
Concen: 119.74 ng
RT: 6.869 min Scan# 660
Delta R.T. 0.000 min
Lab File: BM029004.D
Acq: 05 Mar 2021 20:06

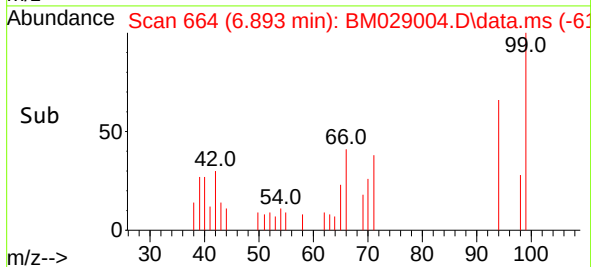
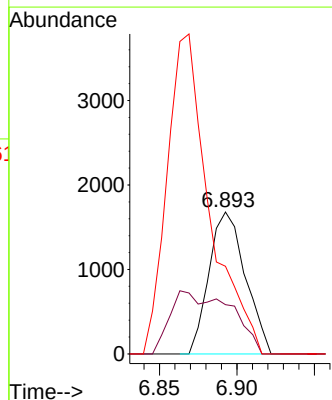
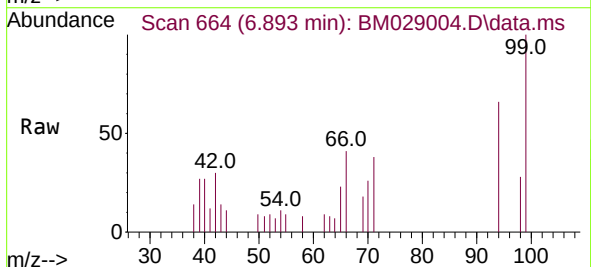
Instrument :
BNA_M
ClientSampled :
RO-282

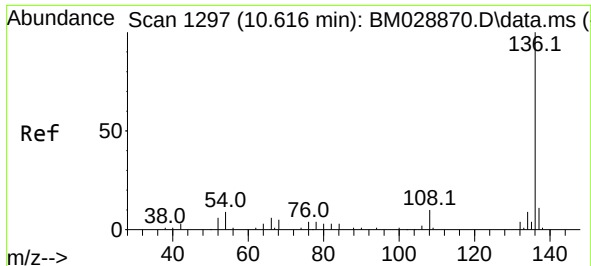
Tgt Ion: 99 Resp: 86990
Ion Ratio Lower Upper
99 100
42 28.5 13.5 20.3#
71 41.2 39.4 59.0



#10
Phenol
Concen: 3.79 ng
RT: 6.893 min Scan# 664
Delta R.T. -0.006 min
Lab File: BM029004.D
Acq: 05 Mar 2021 20:06

Tgt Ion: 94 Resp: 2734
Ion Ratio Lower Upper
94 100
65 34.7 16.4 56.4
66 61.8 30.2 70.2

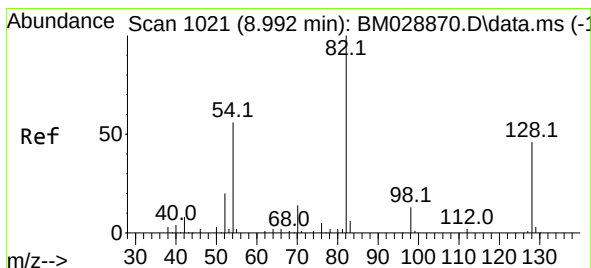
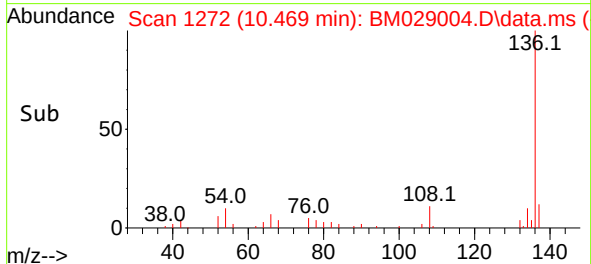
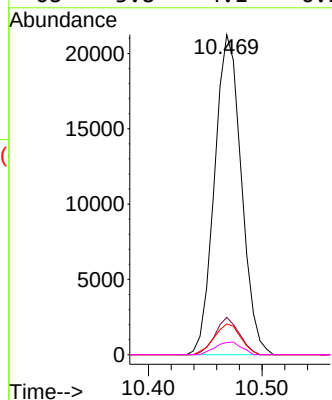
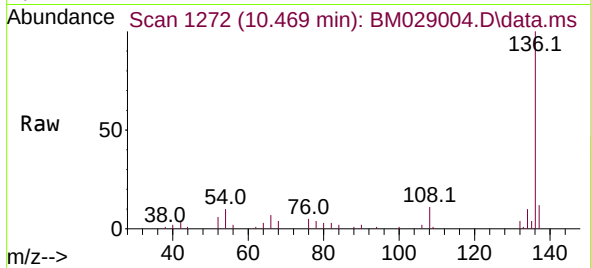




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.469 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM029004.D
Acq: 05 Mar 2021 20:06

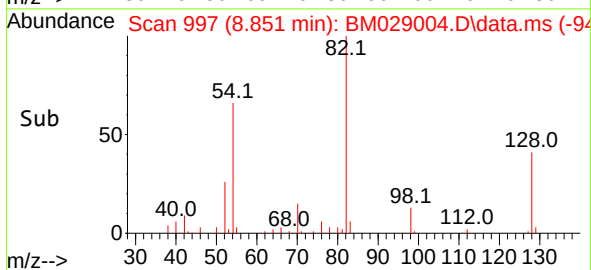
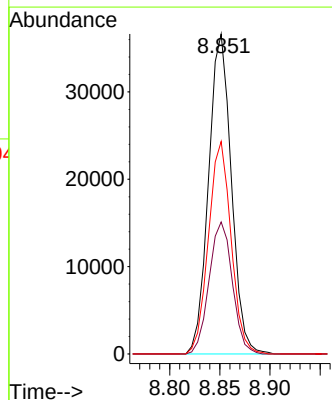
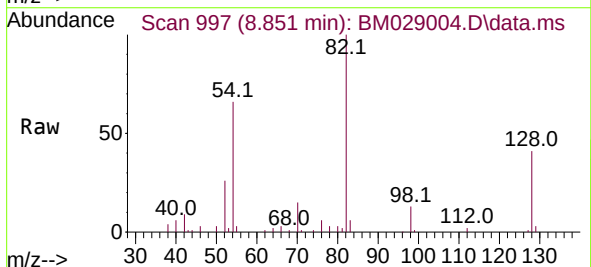
Instrument :
BNA_M
ClientSampled :
RO-282

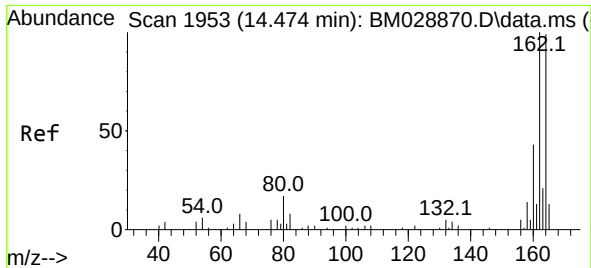
Tgt Ion:	136	Resp:	34826
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.6	12.8
54	9.6	4.6	7.0#
68	3.8	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 89.44 ng
RT: 8.851 min Scan# 997
Delta R.T. -0.006 min
Lab File: BM029004.D
Acq: 05 Mar 2021 20:06

Tgt Ion:	82	Resp:	57733
Ion	Ratio	Lower	Upper
82	100		
128	41.3	27.4	41.0#
54	66.4	31.4	47.0#

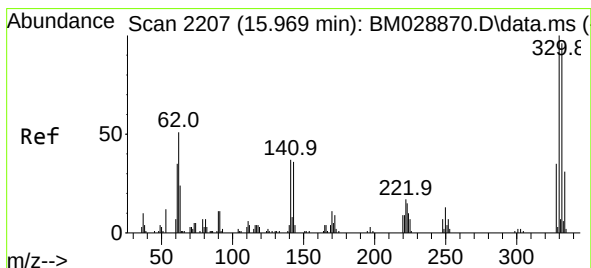
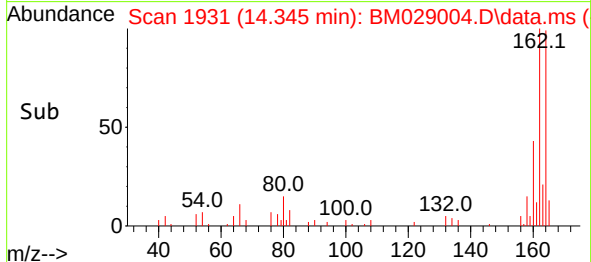
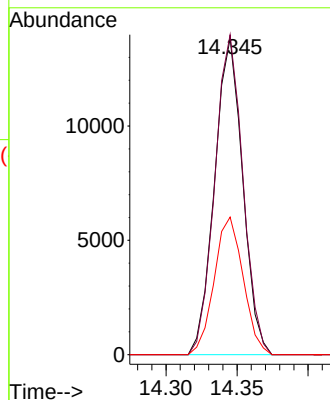
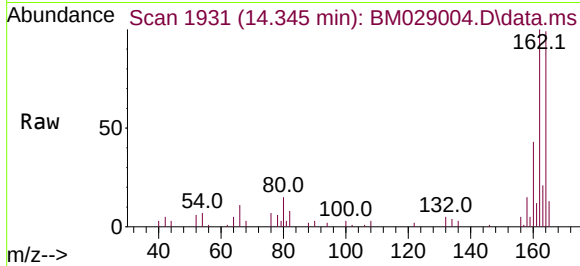




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.345 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BM029004.D
Acq: 05 Mar 2021 20:06

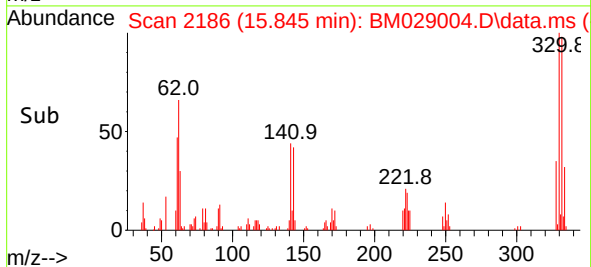
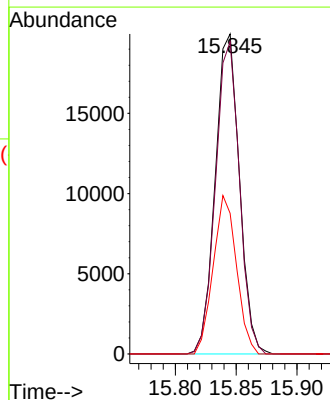
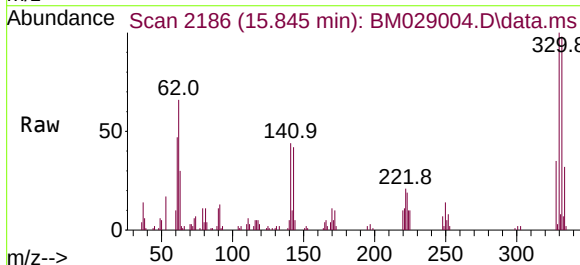
Instrument :
BNA_M
ClientSampled :
RO-282

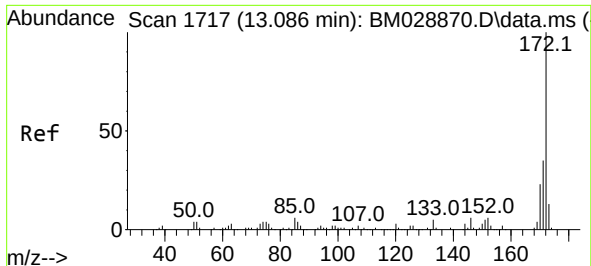
Tgt Ion:164	Resp:	19013
Ion Ratio	Lower	Upper
164	100	
162	101.1	80.4 120.6
160	43.5	35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 122.30 ng
RT: 15.845 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BM029004.D
Acq: 05 Mar 2021 20:06

Tgt Ion:330	Resp:	27559
Ion Ratio	Lower	Upper
330	100	
332	96.5	77.8 116.8
141	47.6	28.4 42.6#

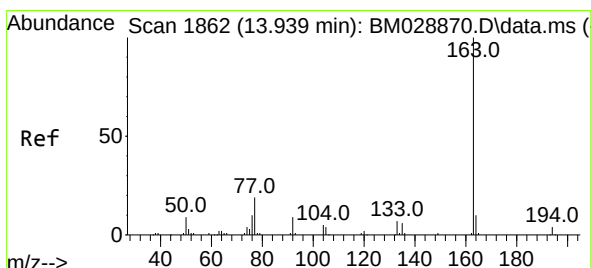
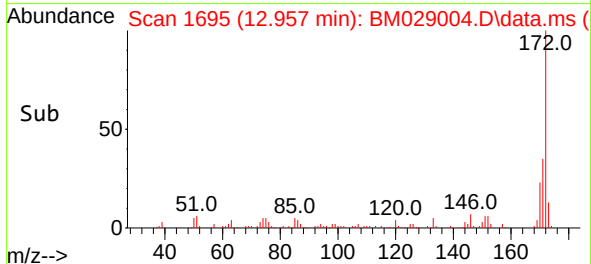
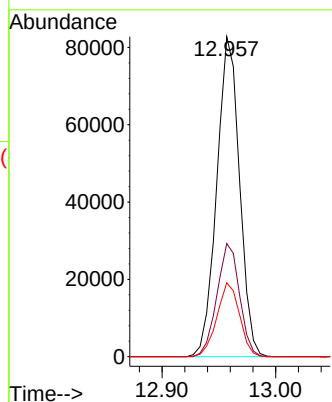
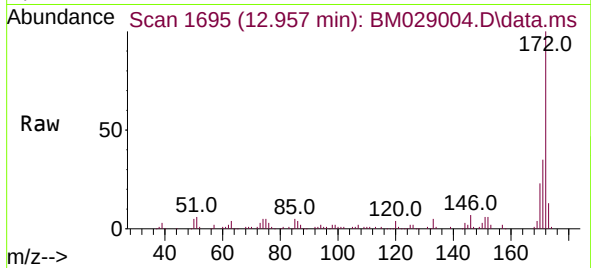




#45
2-Fluorobiphenyl
Concen: 80.73 ng
RT: 12.957 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM029004.D
Acq: 05 Mar 2021 20:06

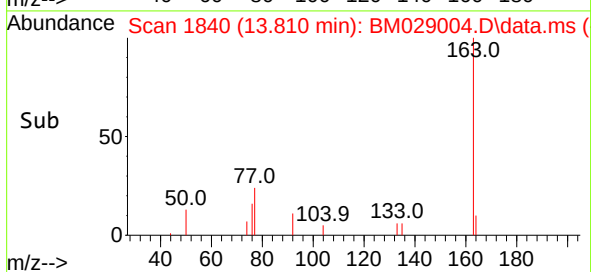
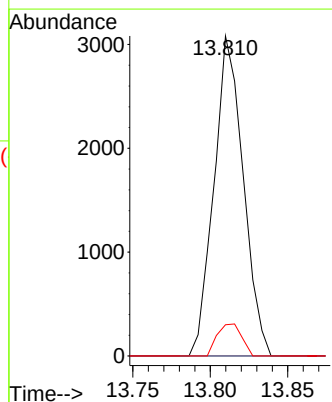
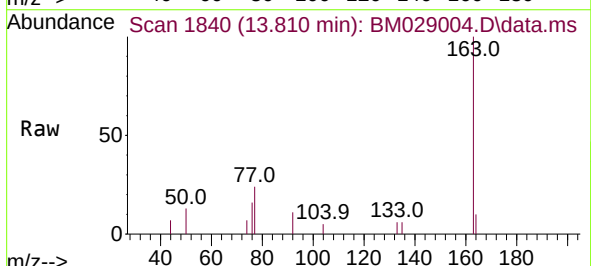
Instrument :
BNA_M
ClientSampled :
RO-282

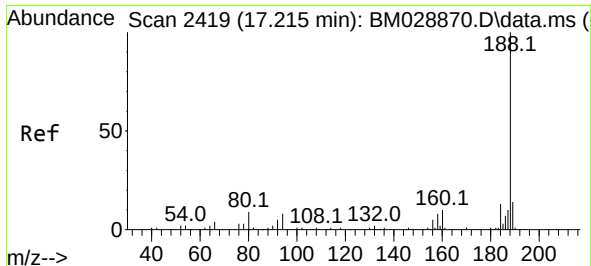
Tgt Ion:	172	Resp:	115303
Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.8	41.8
170	23.1	18.6	27.8



#50
Dimethylphthalate
Concen: 2.81 ng
RT: 13.810 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BM029004.D
Acq: 05 Mar 2021 20:06

Tgt Ion:	163	Resp:	4052
Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.4	5.2#
164	9.8	8.1	12.1

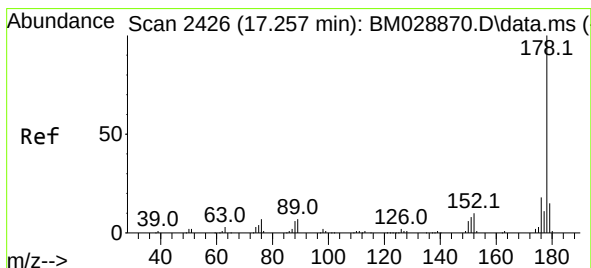
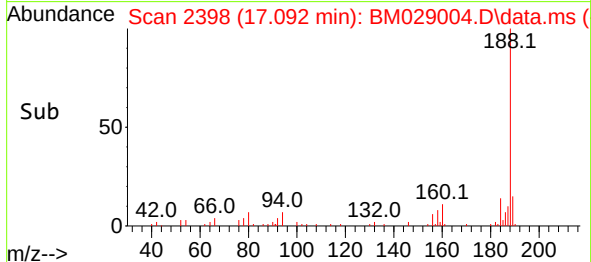
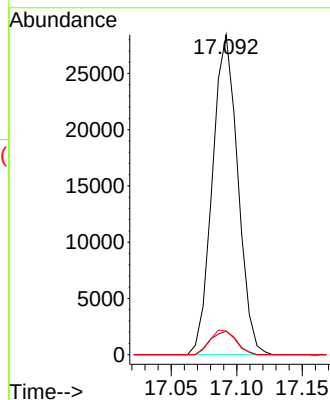
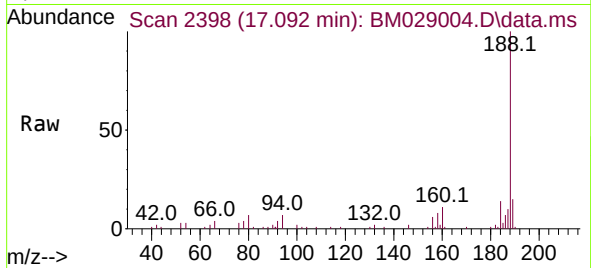




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BM029004.D
Acq: 05 Mar 2021 20:06

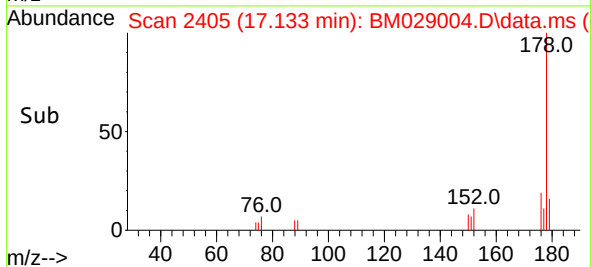
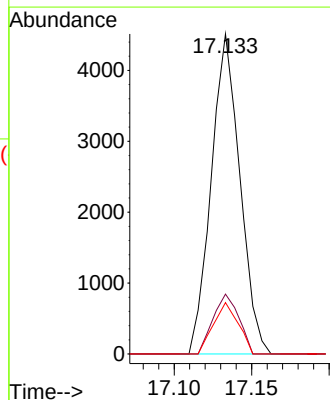
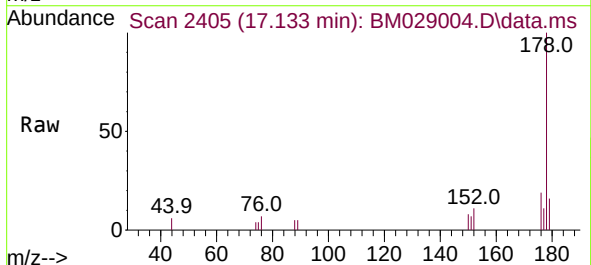
Instrument :
BNA_M
ClientSampled :
RO-282

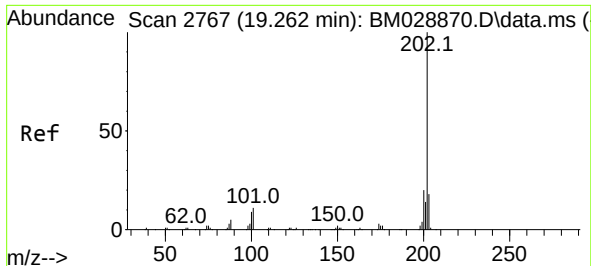
Tgt Ion:188 Resp: 38311
Ion Ratio Lower Upper
188 100
94 7.3 6.2 9.4
80 7.4 7.5 11.3#



#71
Phenanthrene
Concen: 2.54 ng
RT: 17.133 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BM029004.D
Acq: 05 Mar 2021 20:06

Tgt Ion:178 Resp: 5802
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 16.0 12.2 18.4

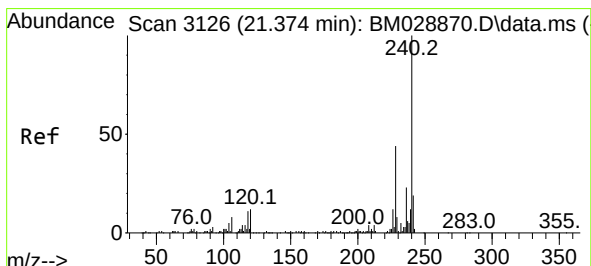
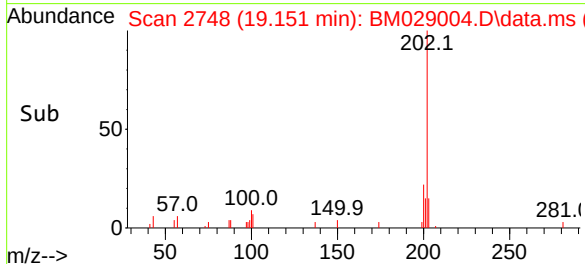
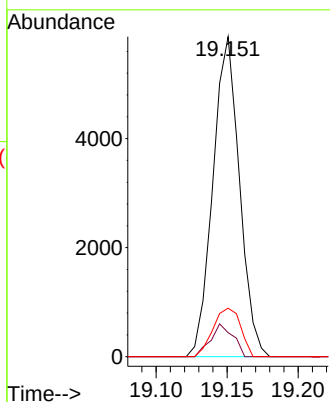
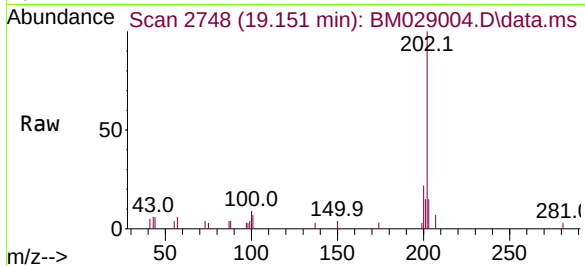




#75
Fluoranthene
Concen: 3.04 ng
RT: 19.151 min Scan# 2748
Delta R.T. 0.000 min
Lab File: BM029004.D
Acq: 05 Mar 2021 20:06

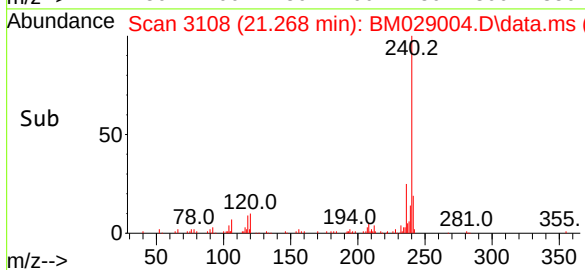
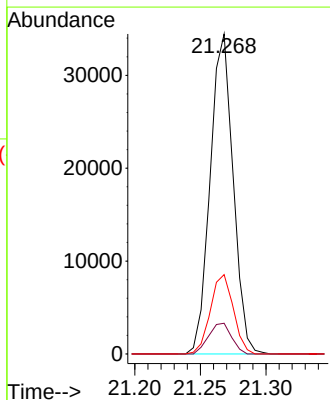
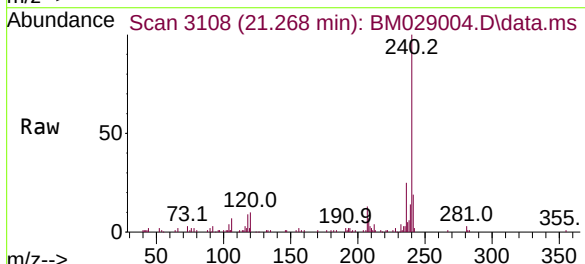
Instrument :
BNA_M
ClientSampled :
RO-282

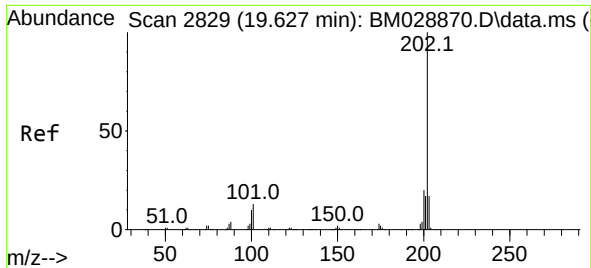
Tgt Ion:202 Resp: 7628
Ion Ratio Lower Upper
202 100
101 7.5 0.0 28.5
203 15.1 0.0 37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.268 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BM029004.D
Acq: 05 Mar 2021 20:06

Tgt Ion:240 Resp: 41916
Ion Ratio Lower Upper
240 100
120 9.6 6.4 9.6#
236 24.8 20.1 30.1

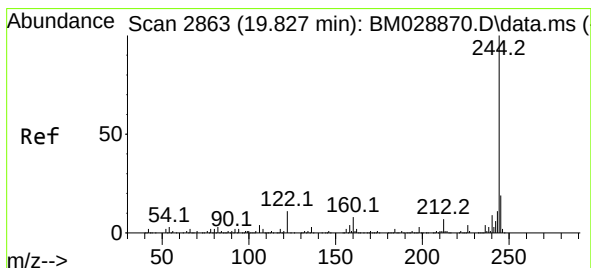
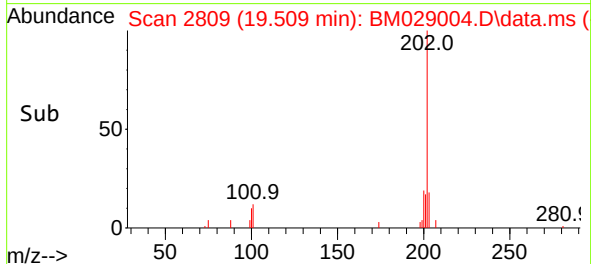
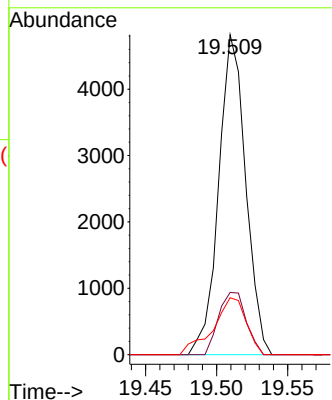
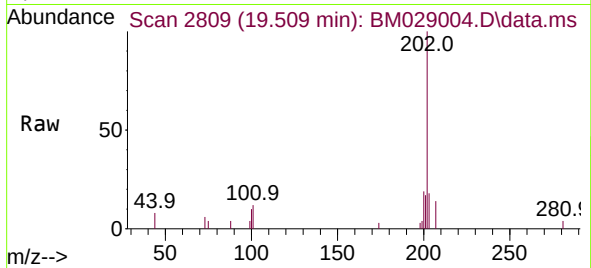




#78
Pyrene
Concen: 2.07 ng
RT: 19.509 min Scan# 2809
Delta R.T. -0.006 min
Lab File: BM029004.D
Acq: 05 Mar 2021 20:06

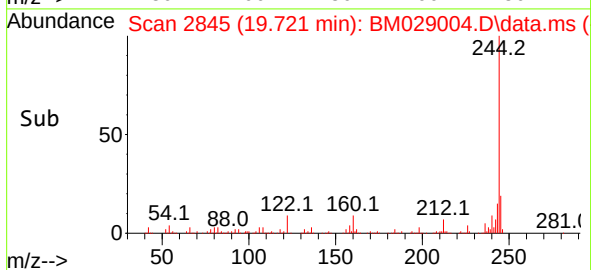
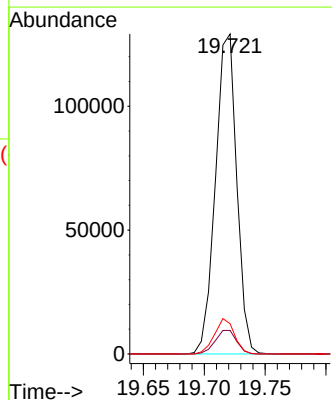
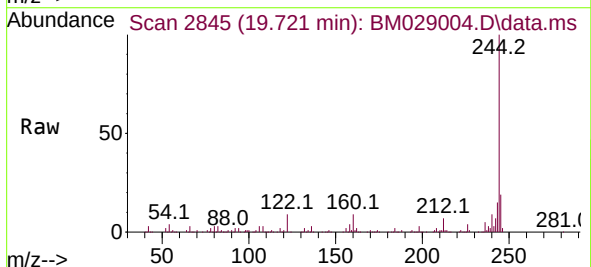
Instrument :
BNA_M
ClientSampled :
RO-282

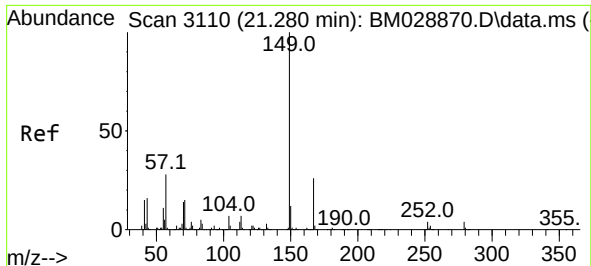
Tgt Ion:	202	Resp:	6370
Ion Ratio	Lower	Upper	
202	100		
200	19.5	16.6	24.8
203	17.8	13.8	20.6



#79
Terphenyl-d14
Concen: 69.17 ng
RT: 19.721 min Scan# 2845
Delta R.T. 0.000 min
Lab File: BM029004.D
Acq: 05 Mar 2021 20:06

Tgt Ion:	244	Resp:	157028
Ion Ratio	Lower	Upper	
244	100		
212	7.4	5.8	8.8
122	9.5	6.5	9.7

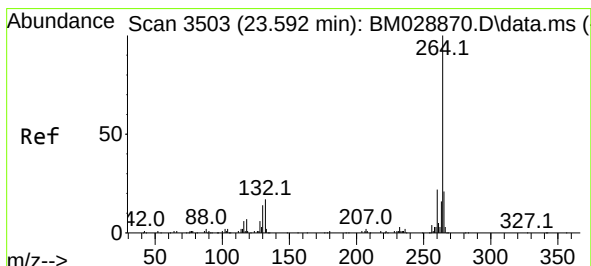
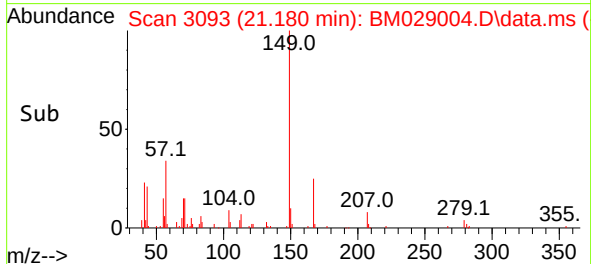
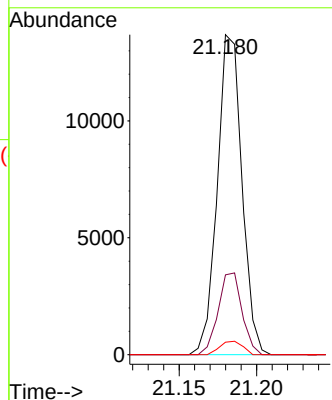
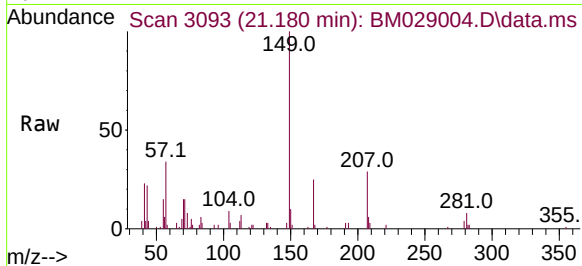




#84
Bis(2-ethylhexyl)phthalate
Concen: 7.94 ng
RT: 21.180 min Scan# 3093
Delta R.T. -0.006 min
Lab File: BM029004.D
Acq: 05 Mar 2021 20:06

Instrument :
BNA_M
ClientSampled :
RO-282

Tgt Ion:149 Resp: 15142
Ion Ratio Lower Upper
149 100
167 25.0 22.7 34.1
279 3.9 4.0 6.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.427 min Scan# 3475
Delta R.T. -0.012 min
Lab File: BM029004.D
Acq: 05 Mar 2021 20:06

Tgt Ion:264 Resp: 46206
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.4
265 23.0 17.7 26.5

