

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041921\
 Data File : BM029545.D
 Acq On : 19 Apr 2021 17:55
 Operator : CG/JU
 Sample : M2074-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNPH2-B-3D

Quant Time: Apr 20 04:15:42 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 11:56:50 2021
 Response via : Initial Calibration

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

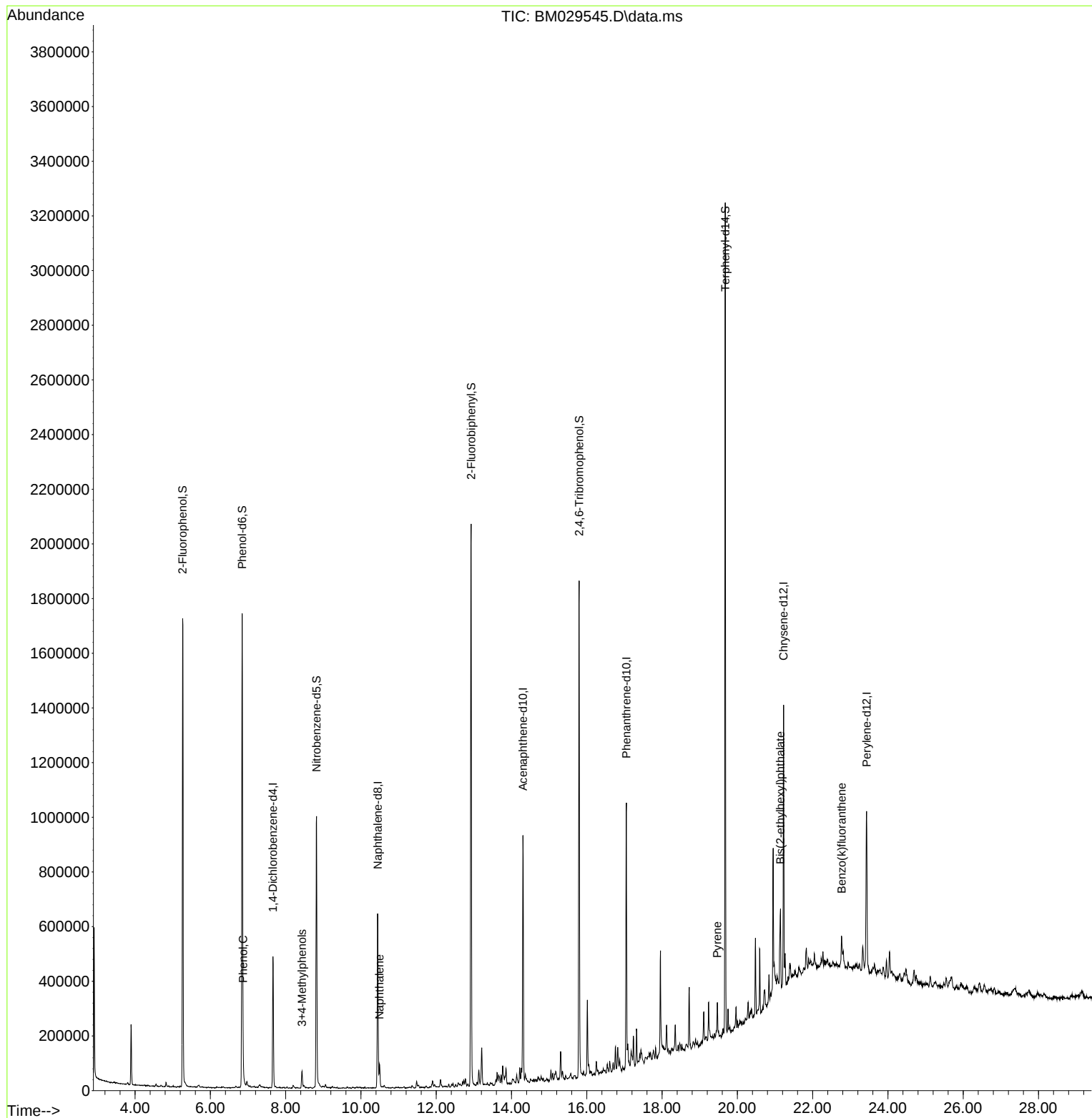
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	111995	20.00	ng	-0.01
21) Naphthalene-d8	10.445	136	466518	20.00	ng	-0.01
39) Acenaphthene-d10	14.304	164	276740	20.00	ng	-0.01
64) Phenanthrene-d10	17.051	188	507939	20.00	ng	0.00
76) Chrysene-d12	21.227	240	359698	20.00	ng	# 0.00
86) Perylene-d12	23.433	264	356843	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	621763	91.66	ng	0.00
7) Phenol-d6	6.845	99	832704	86.96	ng	0.00
23) Nitrobenzene-d5	8.822	82	572793	56.29	ng	0.00
42) 2,4,6-Tribromophenol	15.798	330	239800	86.69	ng	0.00
45) 2-Fluorobiphenyl	12.927	172	960786	48.37	ng	0.00
79) Terphenyl-d14	19.680	244	1114303	58.84	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.869	94	24657	2.62	ng	79
20) 3+4-Methylphenols	8.434	107	28174	3.39	ng	95
31) Naphthalene	10.492	128	58670	2.39	ng	100
78) Pyrene	19.468	202	57697	2.31	ng	98
84) Bis(2-ethylhexyl)phtha...	21.145	149	137680	7.95	ng	# 93
89) Benzo(k)fluoranthene	22.774	252	45406	2.03	ng	# 79

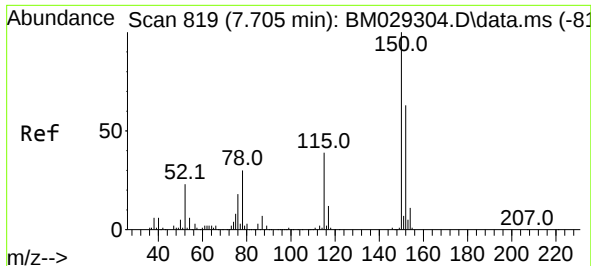
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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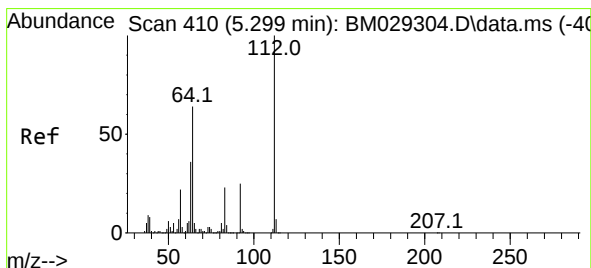
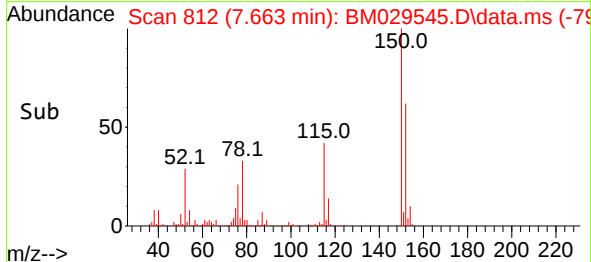
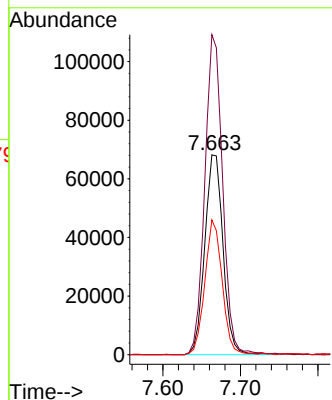
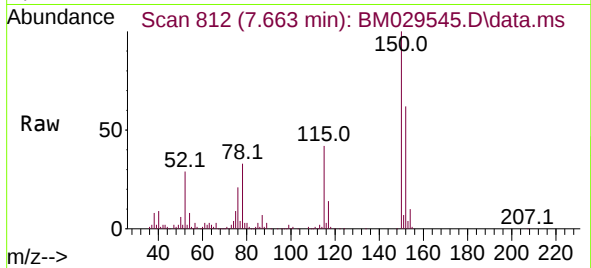




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 812
Delta R.T. -0.012 min
Lab File: BM029545.D
Acq: 19 Apr 2021 17:55

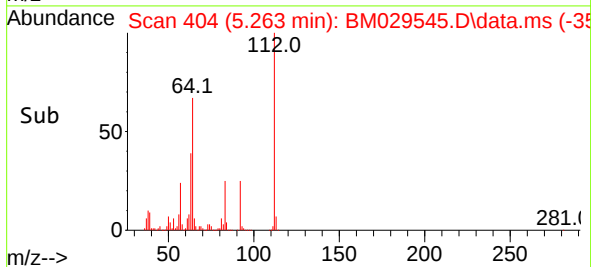
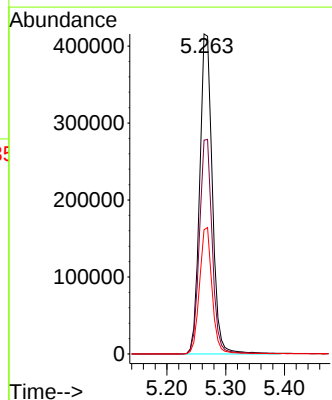
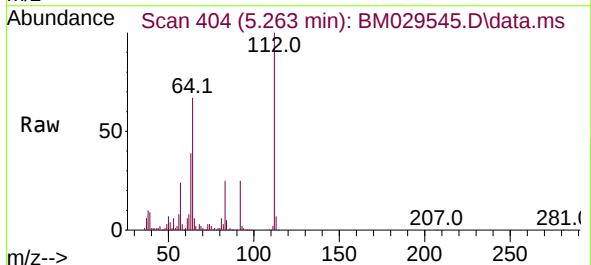
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BNA_M
ClientSampleId :
VNPH2-B-3D

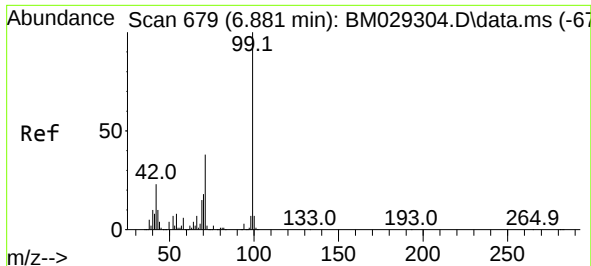
Tgt Ion:152 Resp: 111995
Ion Ratio Lower Upper
152 100
150 160.1 124.3 186.5
115 67.5 46.4 69.6



#5
2-Fluorophenol
Concen: 91.66 ng
RT: 5.263 min Scan# 404
Delta R.T. -0.006 min
Lab File: BM029545.D
Acq: 19 Apr 2021 17:55

Tgt Ion:112 Resp: 621763
Ion Ratio Lower Upper
112 100
64 66.8 51.6 77.4
63 38.8 29.0 43.4

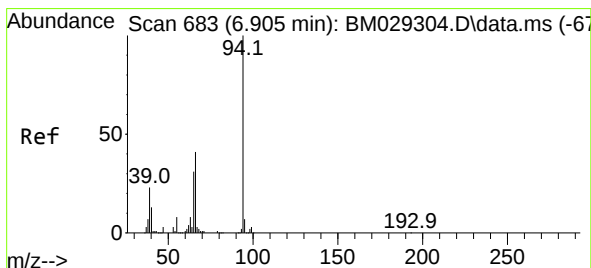
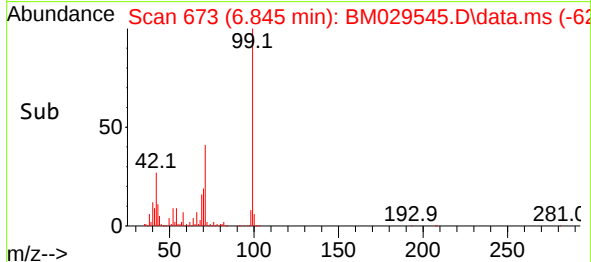
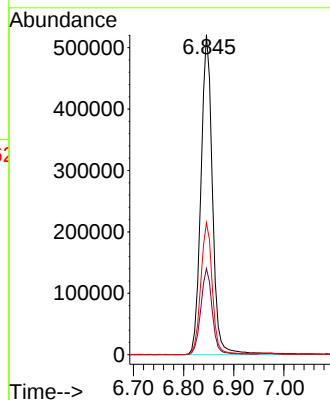
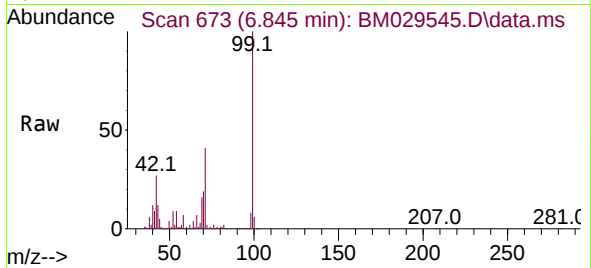




#7
Phenol-d6
Concen: 86.96 ng
RT: 6.845 min Scan# 673
Delta R.T. -0.006 min
Lab File: BM029545.D
Acq: 19 Apr 2021 17:55

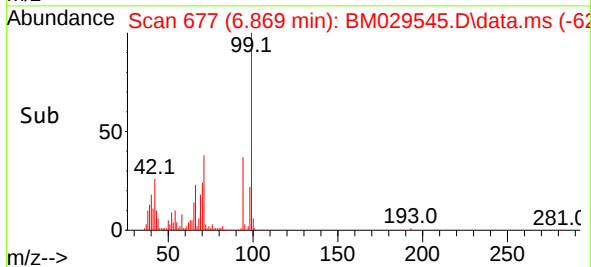
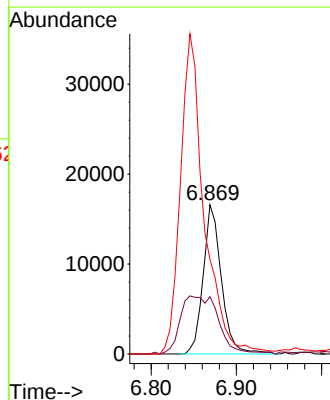
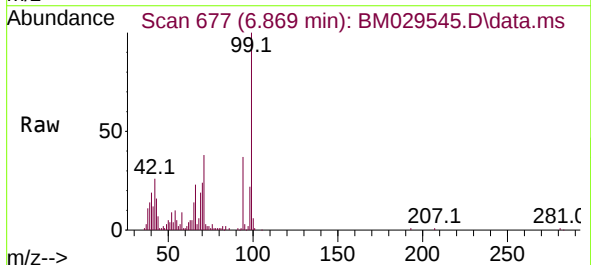
Instrument :
BNA_M
ClientSampleId :
VNPH2-B-3D

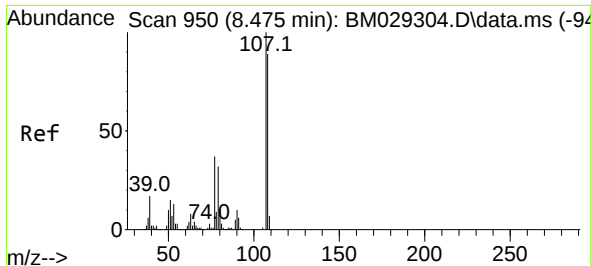
Tgt Ion: 99 Resp: 832704
Ion Ratio Lower Upper
99 100
42 26.9 18.5 27.7
71 41.2 31.8 47.6



#10
Phenol
Concen: 2.62 ng
RT: 6.869 min Scan# 677
Delta R.T. -0.006 min
Lab File: BM029545.D
Acq: 19 Apr 2021 17:55

Tgt Ion: 94 Resp: 24657
Ion Ratio Lower Upper
94 100
65 38.5 13.0 53.0
66 63.5 24.1 64.1

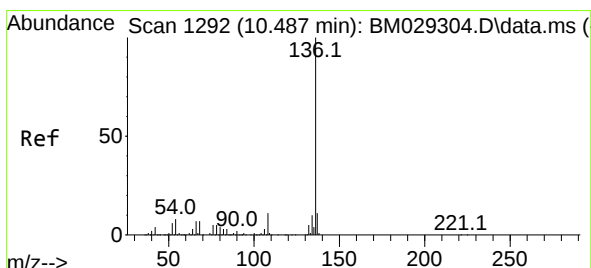
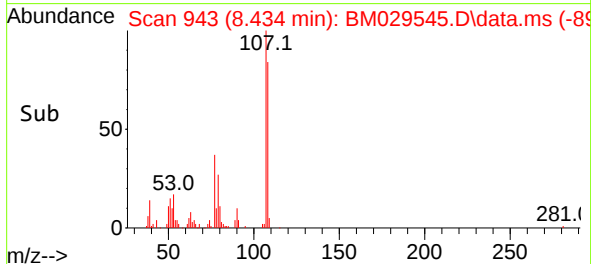
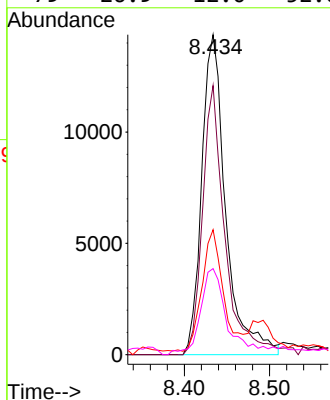
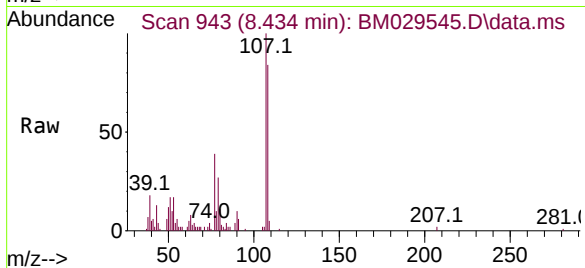




#20
3+4-Methylphenols
Concen: 3.39 ng
RT: 8.434 min Scan# 943
Delta R.T. -0.012 min
Lab File: BM029545.D
Acq: 19 Apr 2021 17:55

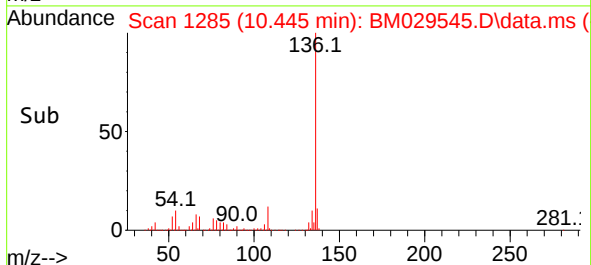
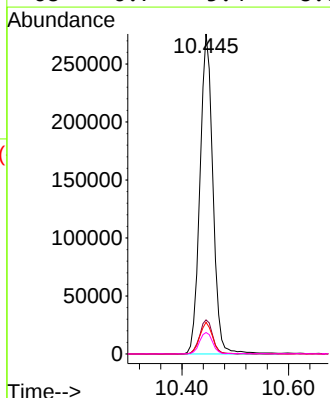
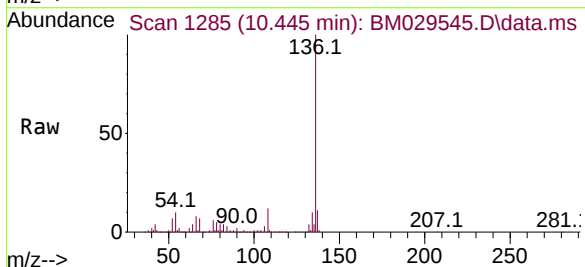
Instrument :
BNA_M
ClientSampleId :
VNPH2-B-3D

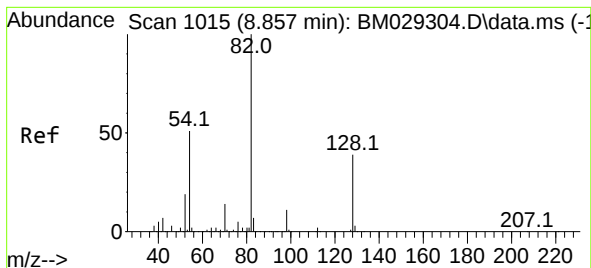
Tgt Ion:	107	Resp:	28174
Ion	Ratio	Lower	Upper
107	100		
108	84.1	68.5	108.5
77	39.0	17.0	57.0
79	26.9	12.0	52.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.445 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BM029545.D
Acq: 19 Apr 2021 17:55

Tgt Ion:	136	Resp:	466518
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.3	13.9
54	9.9	6.9	10.3
68	6.7	5.4	8.0

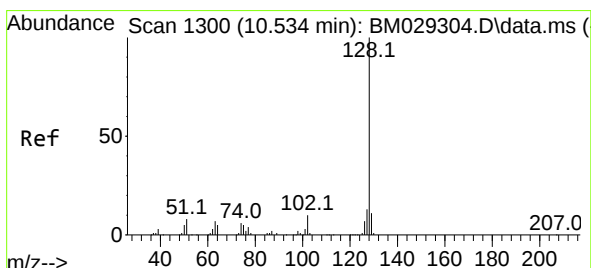
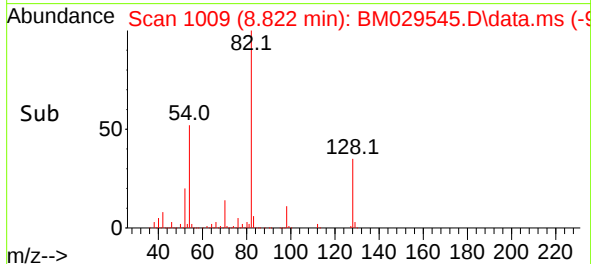
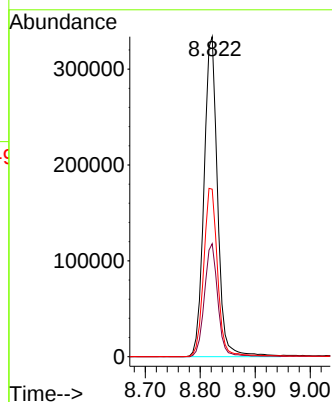
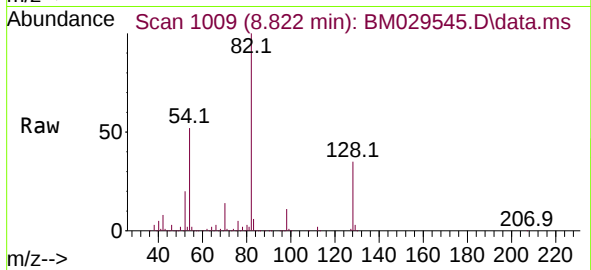




#23
Nitrobenzene-d5
Concen: 56.29 ng
RT: 8.822 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BM029545.D
Acq: 19 Apr 2021 17:55

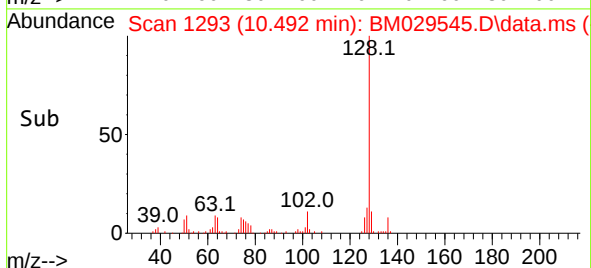
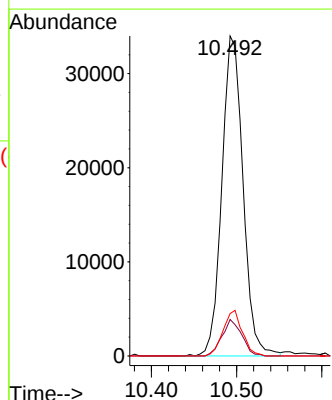
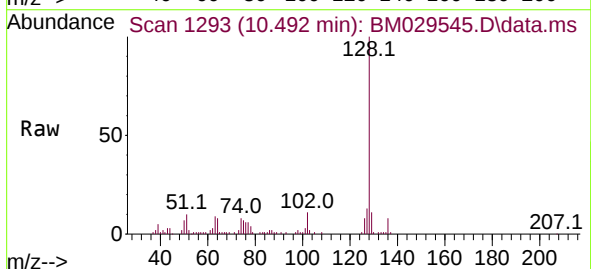
Instrument :
BNA_M
ClientSampleId :
VNPH2-B-3D

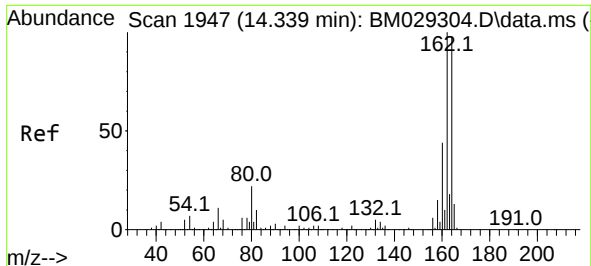
Tgt Ion: 82 Resp: 572793
Ion Ratio Lower Upper
82 100
128 35.3 28.6 42.8
54 52.3 40.7 61.1



#31
Naphthalene
Concen: 2.39 ng
RT: 10.492 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BM029545.D
Acq: 19 Apr 2021 17:55

Tgt Ion:128 Resp: 58670
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.3 10.7 16.1

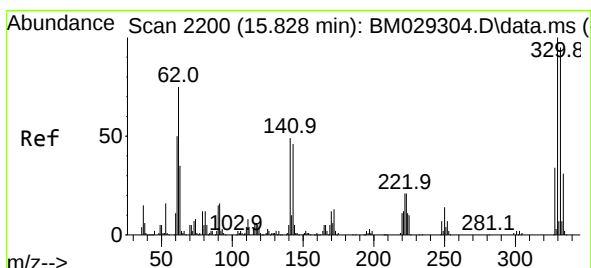
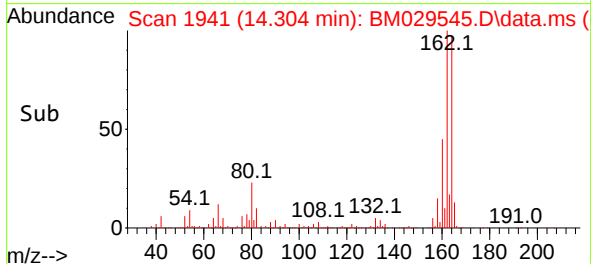
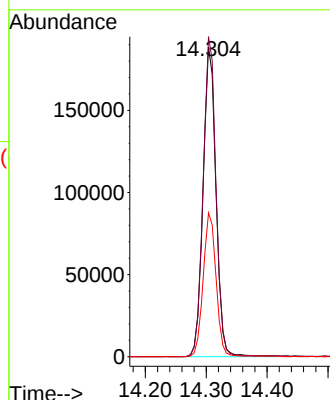
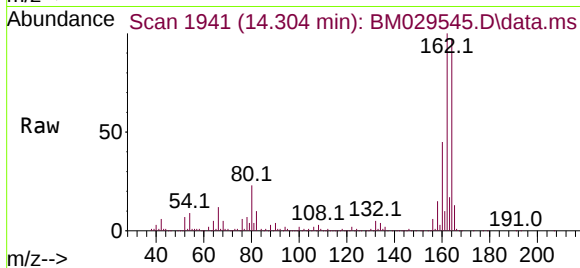




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.304 min Scan# 1941
Delta R.T. -0.012 min
Lab File: BM029545.D
Acq: 19 Apr 2021 17:55

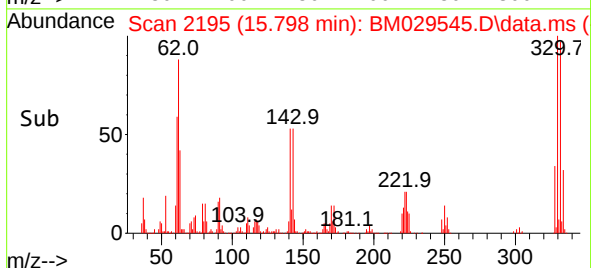
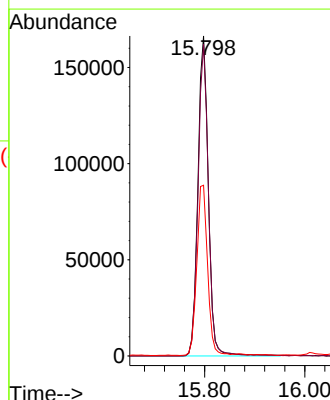
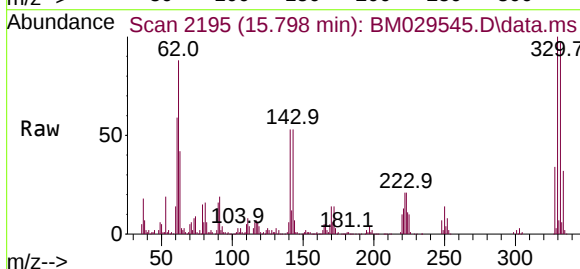
Instrument :
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ClientSampleId :
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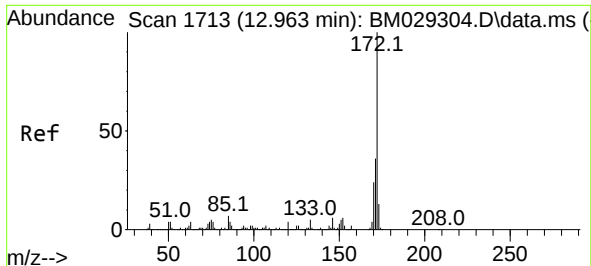
Tgt Ion:164 Resp: 276740
Ion Ratio Lower Upper
164 100
162 103.3 84.4 126.6
160 46.4 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 86.69 ng
RT: 15.798 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM029545.D
Acq: 19 Apr 2021 17:55

Tgt Ion:330 Resp: 239800
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 54.7 39.2 58.8

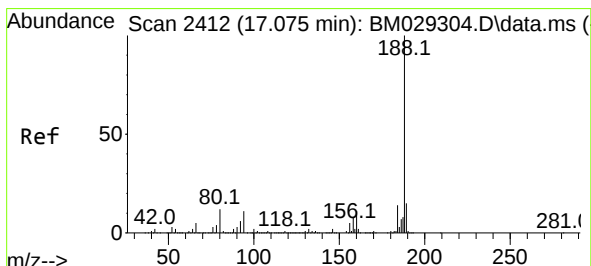
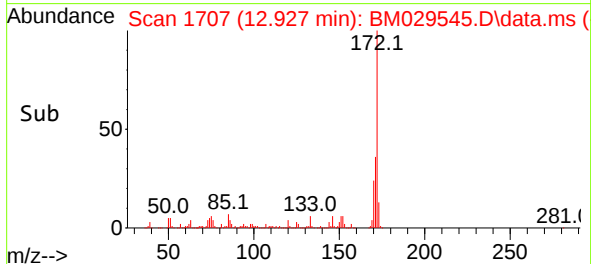
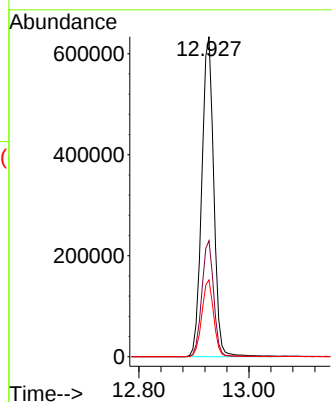
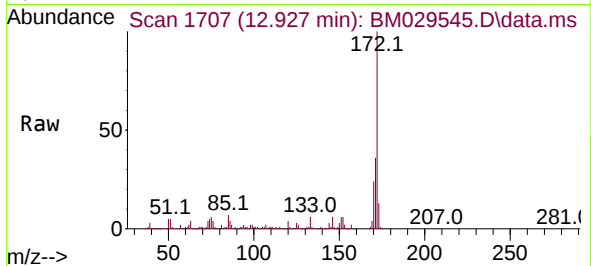




#45
2-Fluorobiphenyl
Concen: 48.37 ng
RT: 12.927 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM029545.D
Acq: 19 Apr 2021 17:55

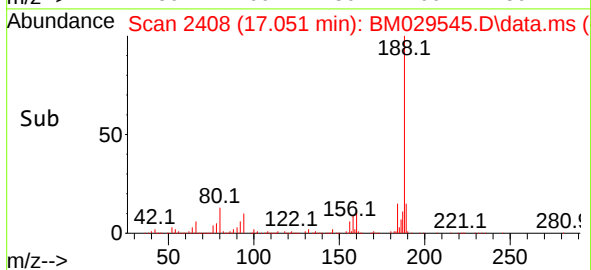
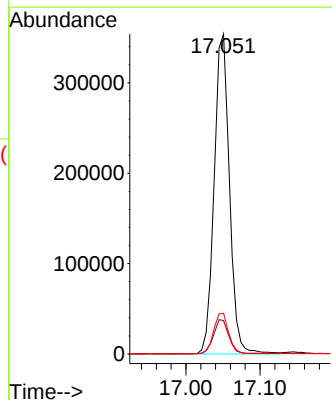
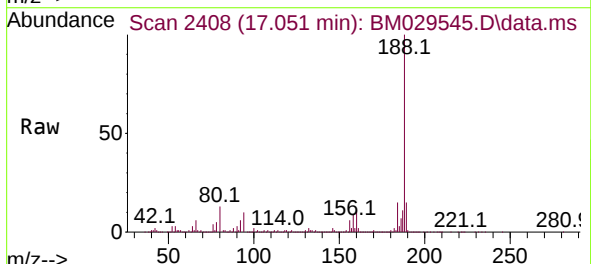
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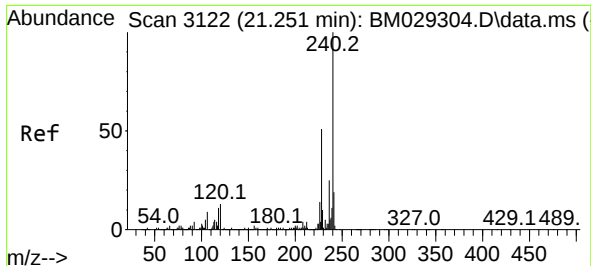
Tgt Ion:172 Resp: 960786
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 24.0 18.8 28.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.051 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM029545.D
Acq: 19 Apr 2021 17:55

Tgt Ion:188 Resp: 507939
Ion Ratio Lower Upper
188 100
94 10.5 8.1 12.1
80 12.7 9.2 13.8

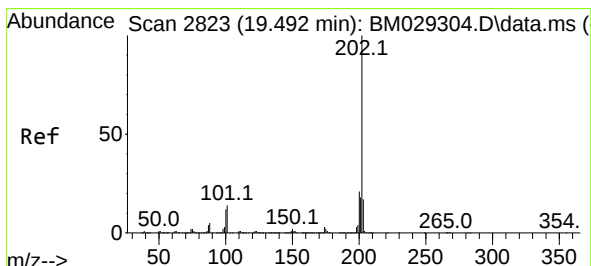
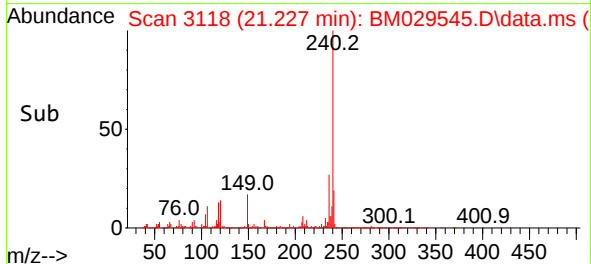
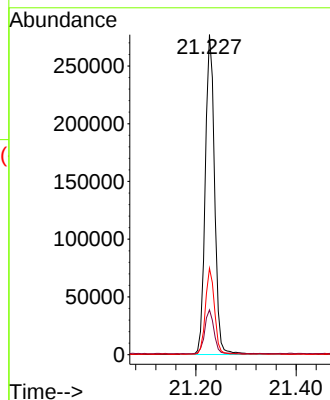
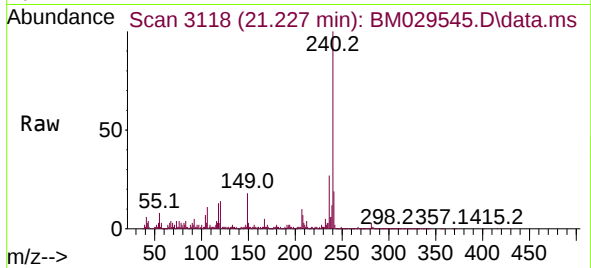




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.227 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BM029545.D
Acq: 19 Apr 2021 17:55

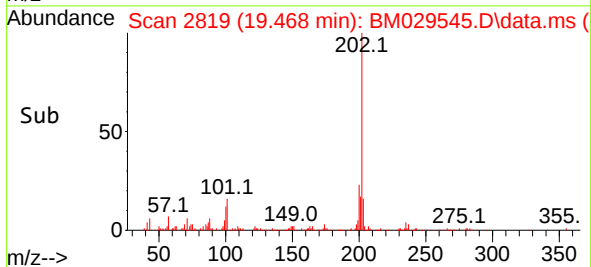
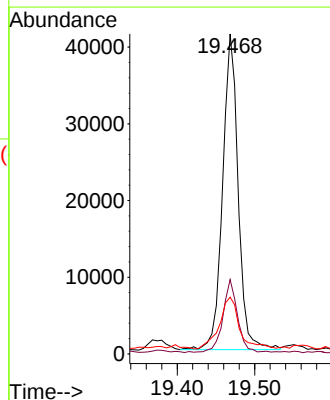
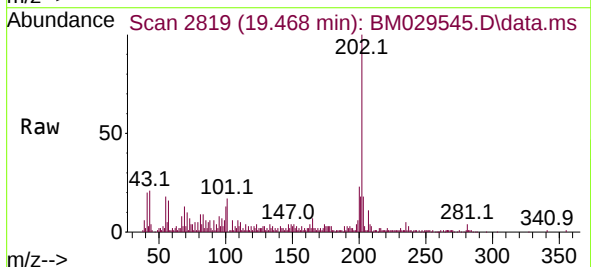
Instrument :
BNA_M
ClientSampleId :
VNPH2-B-3D

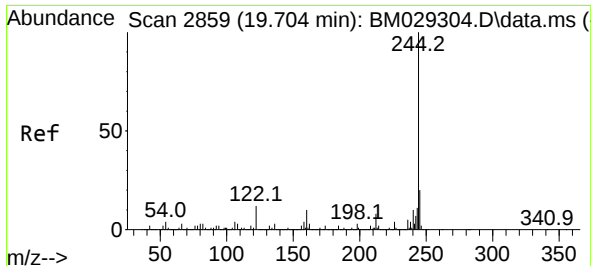
Tgt Ion:240 Resp: 359698
Ion Ratio Lower Upper
240 100
120 14.0 9.0 13.6#
236 27.0 20.3 30.5



#78
Pyrene
Concen: 2.31 ng
RT: 19.468 min Scan# 2819
Delta R.T. -0.006 min
Lab File: BM029545.D
Acq: 19 Apr 2021 17:55

Tgt Ion:202 Resp: 57697
Ion Ratio Lower Upper
202 100
200 23.3 17.0 25.6
203 17.8 14.1 21.1

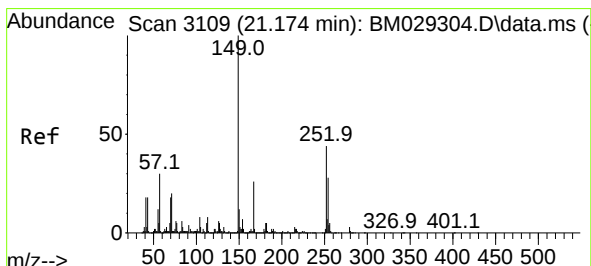
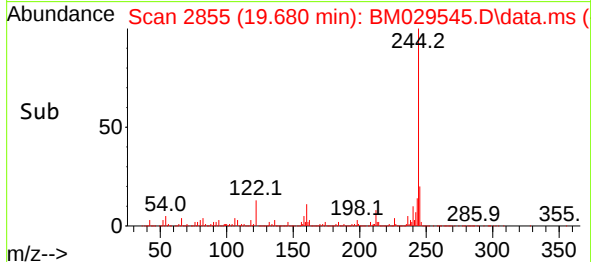
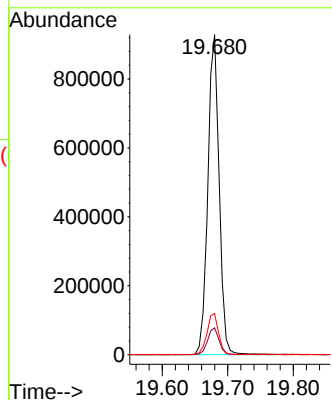
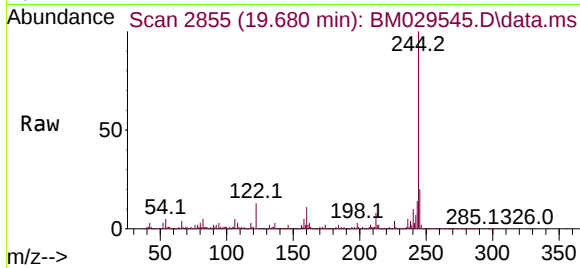




#79
 Terphenyl-d14
 Concen: 58.84 ng
 RT: 19.680 min Scan# 2855
 Delta R.T. -0.006 min
 Lab File: BM029545.D
 Acq: 19 Apr 2021 17:55

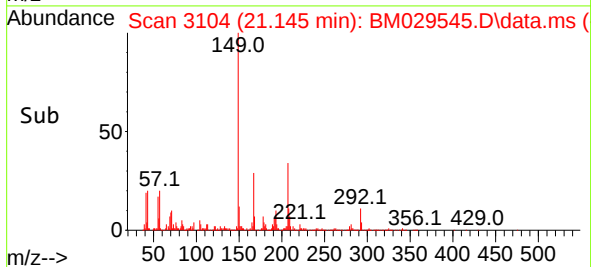
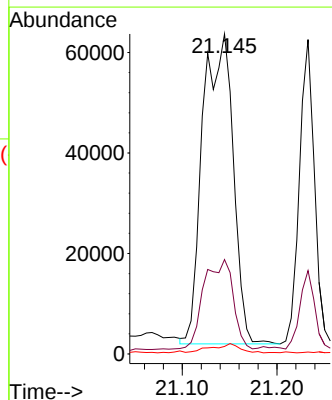
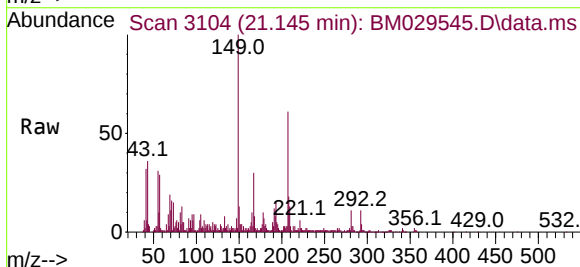
Instrument :
 BNA_M
 ClientSampleId :
 VNPH2-B-3D

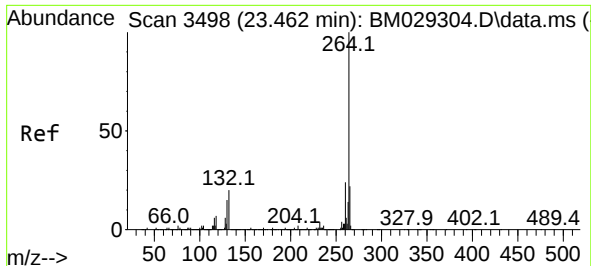
Tgt Ion:244 Resp: 1114303
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.5 9.7
 122 12.8 9.2 13.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 7.95 ng
 RT: 21.145 min Scan# 3104
 Delta R.T. -0.018 min
 Lab File: BM029545.D
 Acq: 19 Apr 2021 17:55

Tgt Ion:149 Resp: 137680
 Ion Ratio Lower Upper
 149 100
 167 29.5 20.6 31.0
 279 2.3 3.3 4.9#

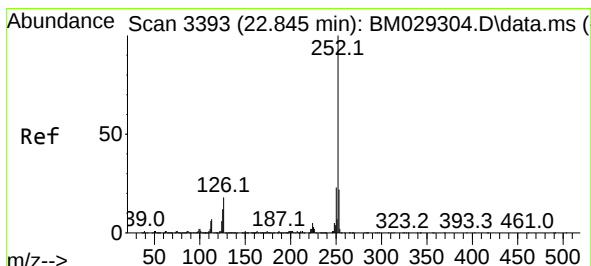
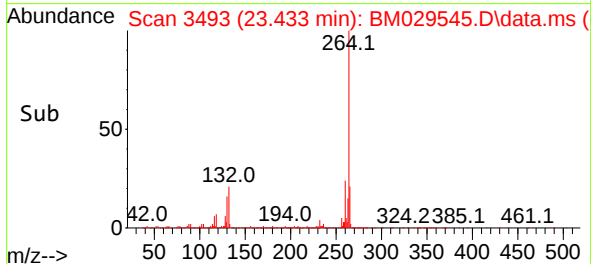
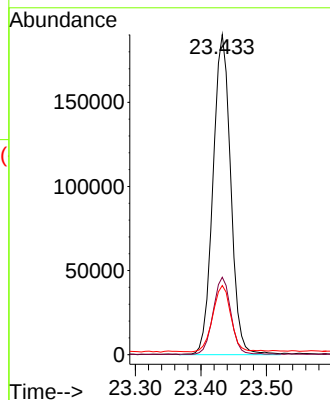
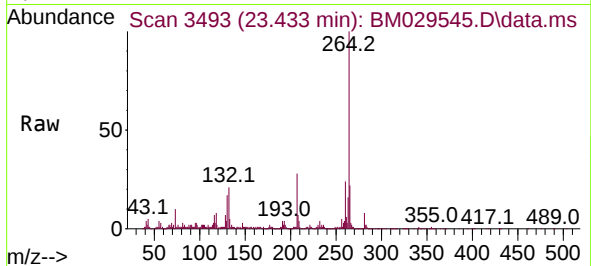




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.433 min Scan# 3493
Delta R.T. -0.006 min
Lab File: BM029545.D
Acq: 19 Apr 2021 17:55

Instrument :
BNA_M
ClientSampleId :
VNPH2-B-3D

Tgt Ion:264	Resp:	356843
Ion Ratio	Lower	Upper
264	100	
260	24.2	19.6 29.4
265	21.6	17.8 26.8



#89
Benzo(k)fluoranthene
Concen: 2.03 ng
RT: 22.774 min Scan# 3381
Delta R.T. -0.053 min
Lab File: BM029545.D
Acq: 19 Apr 2021 17:55

Tgt Ion:252	Resp:	45406
Ion Ratio	Lower	Upper
252	100	
253	28.9	17.6 26.4#
125	24.3	8.7 13.1#

