

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
 Data File : BM029622.D
 Acq On : 23 Apr 2021 20:44
 Operator : CG/JU
 Sample : M2110-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-5

Quant Time: Apr 26 02:10:49 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 22 15:55:11 2021
 Response via : Initial Calibration

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

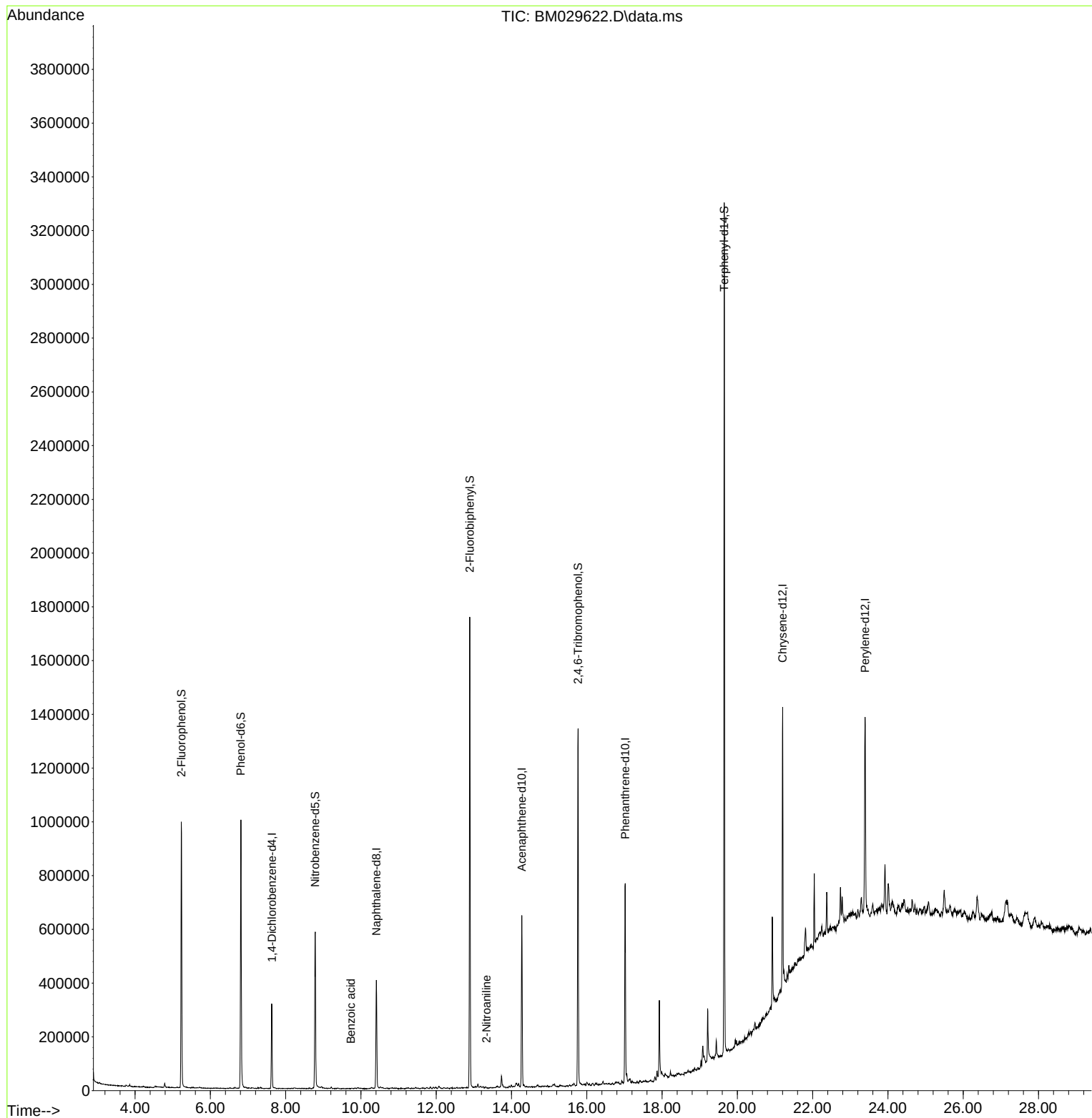
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	86192	20.00	ng	0.00
21) Naphthalene-d8	10.410	136	318192	20.00	ng	0.00
39) Acenaphthene-d10	14.274	164	212428	20.00	ng	0.00
64) Phenanthrene-d10	17.021	188	449567	20.00	ng	0.00
76) Chrysene-d12	21.203	240	479805	20.00	ng	0.00
86) Perylene-d12	23.391	264	495151	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.228	112	395580	92.01	ng	0.00
7) Phenol-d6	6.810	99	513862	80.02	ng	0.00
23) Nitrobenzene-d5	8.786	82	343796	55.65	ng	0.00
42) 2,4,6-Tribromophenol	15.768	330	228886	77.91	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	897014	57.31	ng	0.00
79) Terphenyl-d14	19.650	244	1397756	55.23	ng	0.00
Target Compounds						
32) Benzoic acid	9.733	122	55	7.23	ng	# 12
48) 2-Nitroaniline	13.333	65	132	2.89	ng	# 4

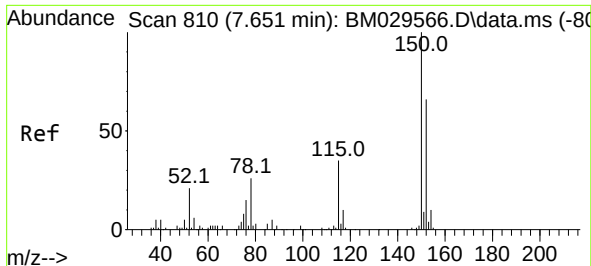
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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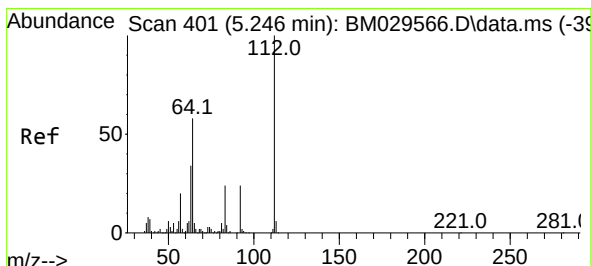
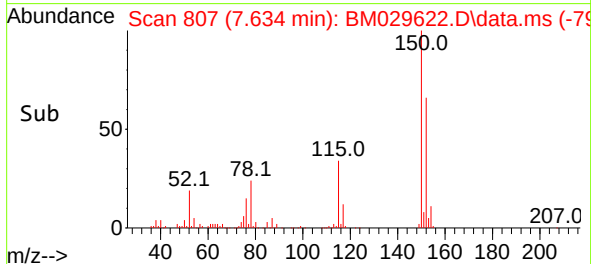
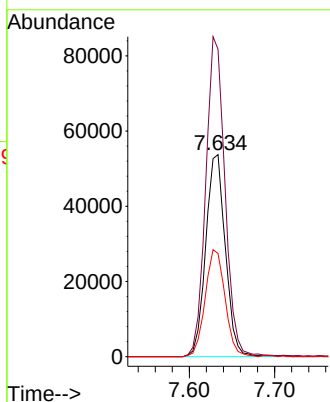
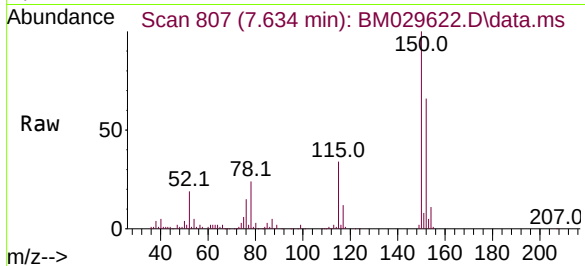




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.634 min Scan# 807
Delta R.T. -0.000 min
Lab File: BM029622.D
Acq: 23 Apr 2021 20:44

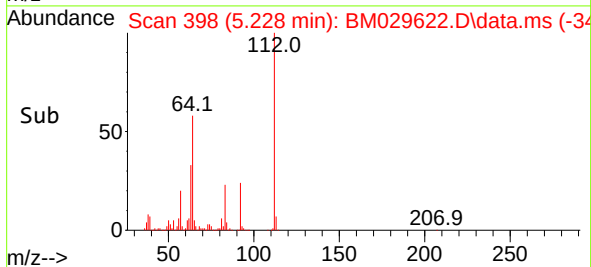
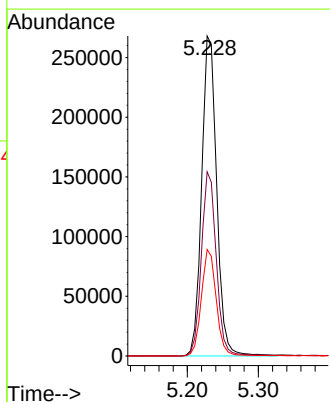
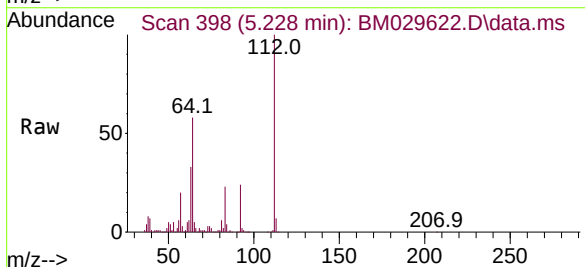
Instrument :
BNA_M
ClientSampled :
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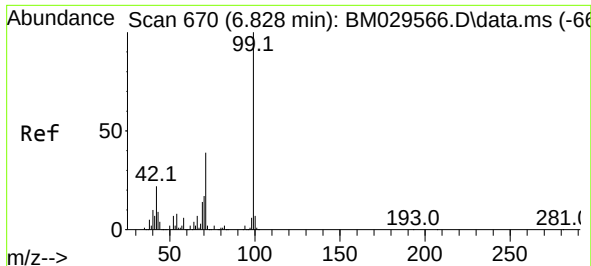
Tgt Ion:152 Resp: 86192
Ion Ratio Lower Upper
152 100
150 152.0 125.9 188.9
115 51.0 44.6 67.0



#5
2-Fluorophenol
Concen: 92.01 ng
RT: 5.228 min Scan# 398
Delta R.T. -0.000 min
Lab File: BM029622.D
Acq: 23 Apr 2021 20:44

Tgt Ion:112 Resp: 395580
Ion Ratio Lower Upper
112 100
64 57.6 47.1 70.7
63 33.2 27.3 40.9

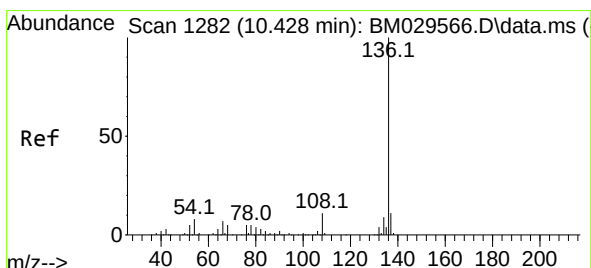
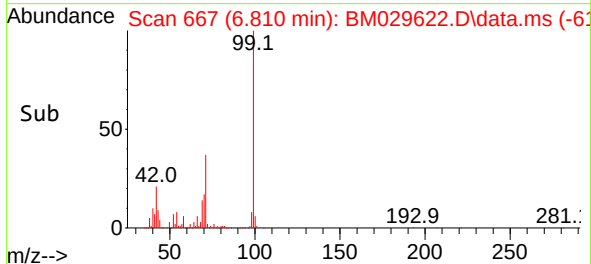
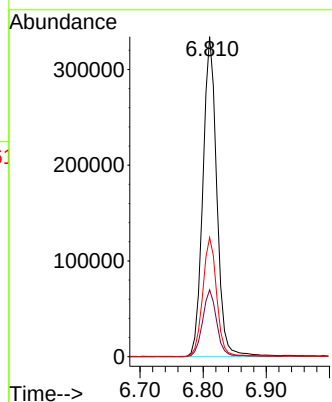
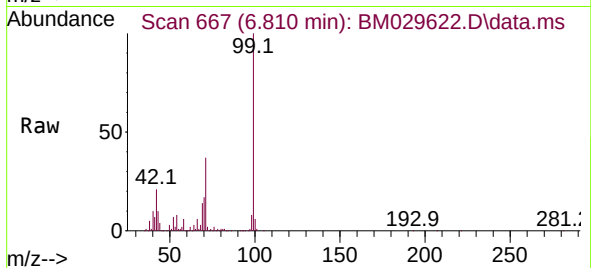




#7
Phenol-d6
Concen: 80.02 ng
RT: 6.810 min Scan# 667
Delta R.T. -0.000 min
Lab File: BM029622.D
Acq: 23 Apr 2021 20:44

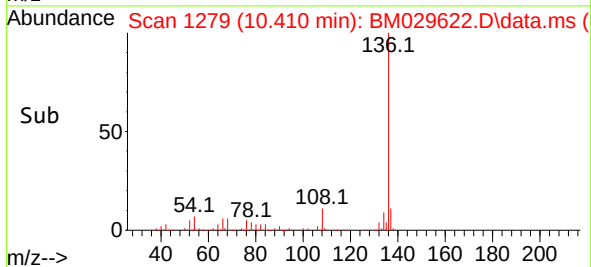
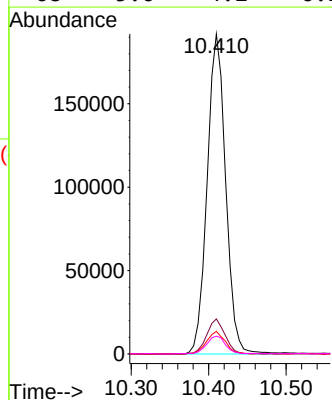
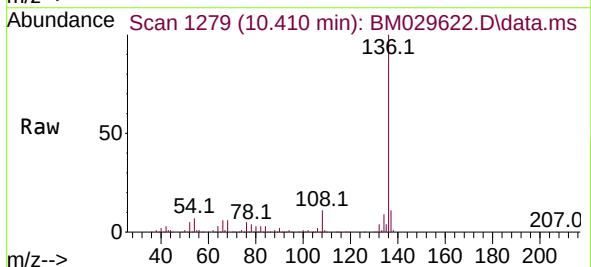
Instrument :
BNA_M
ClientSampled :
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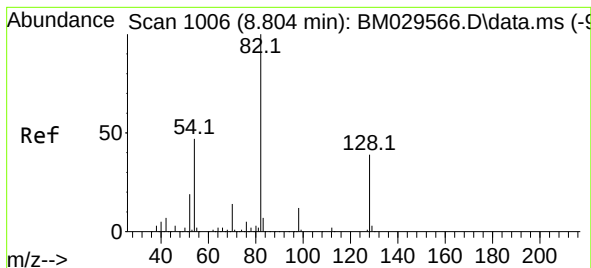
Tgt Ion:	99	Resp:	513862
Ion	Ratio	Lower	Upper
99	100		
42	20.9	18.0	27.0
71	37.2	30.9	46.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.410 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BM029622.D
Acq: 23 Apr 2021 20:44

Tgt Ion:	136	Resp:	318192
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	7.0	5.5	8.3
68	5.6	4.2	6.2

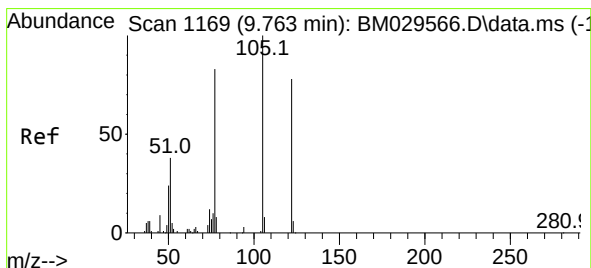
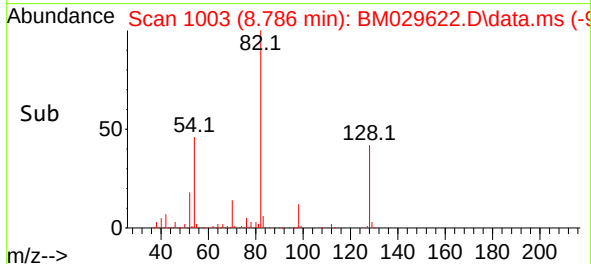
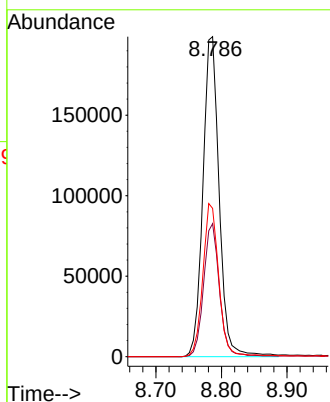
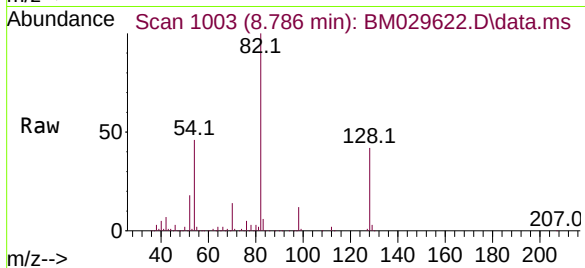




#23
Nitrobenzene-d5
Concen: 55.65 ng
RT: 8.786 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BM029622.D
Acq: 23 Apr 2021 20:44

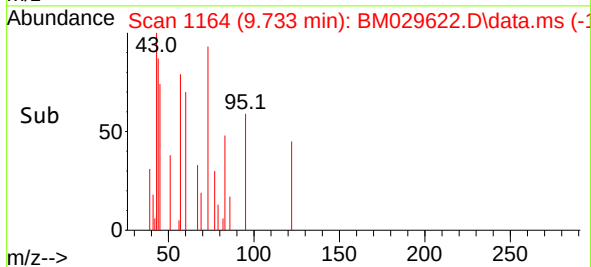
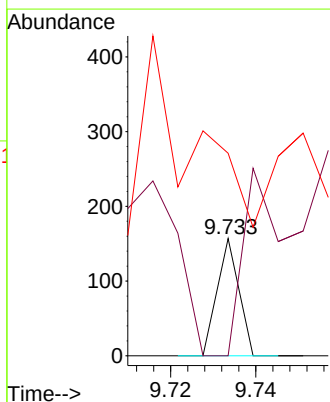
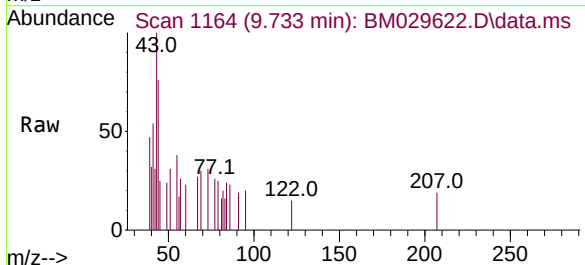
Instrument :
BNA_M
ClientSampleId :
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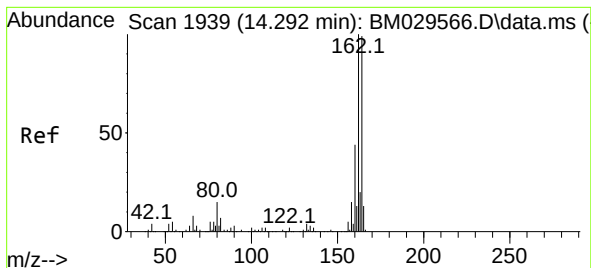
Tgt Ion: 82 Resp: 343796
Ion Ratio Lower Upper
82 100
128 41.5 31.1 46.7
54 46.4 37.3 55.9



#32
Benzoic acid
Concen: 7.23 ng
RT: 9.733 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BM029622.D
Acq: 23 Apr 2021 20:44

Tgt Ion: 122 Resp: 55
Ion Ratio Lower Upper
122 100
105 0.0 107.3 147.3#
77 172.6 88.0 128.0#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.274 min Scan# 1936

Delta R.T. -0.006 min

Lab File: BM029622.D

Acq: 23 Apr 2021 20:44

Instrument :

BNA_M

ClientSampleId :

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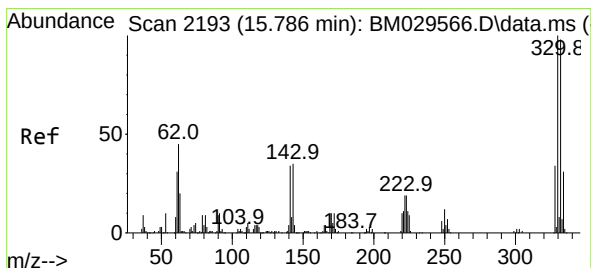
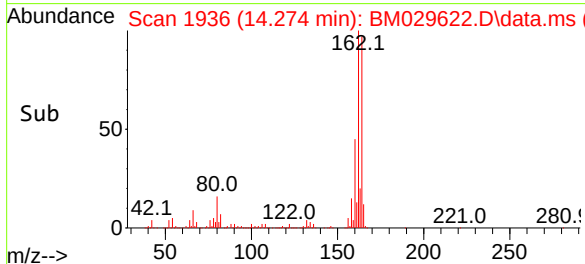
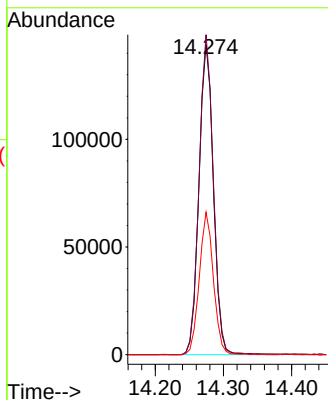
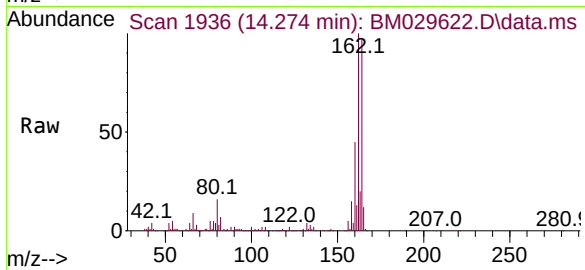
Tgt Ion:164 Resp: 212428

Ion Ratio Lower Upper

164 100

162 103.1 83.4 125.0

160 45.9 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 77.91 ng

RT: 15.768 min Scan# 2190

Delta R.T. -0.000 min

Lab File: BM029622.D

Acq: 23 Apr 2021 20:44

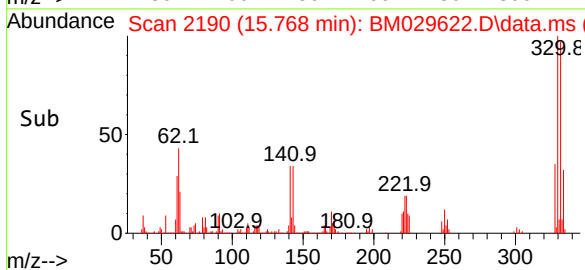
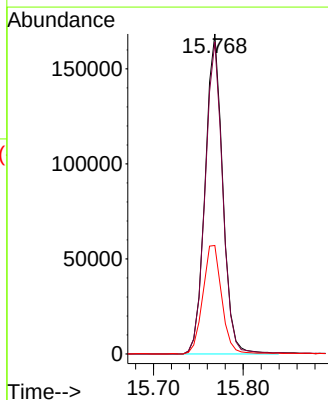
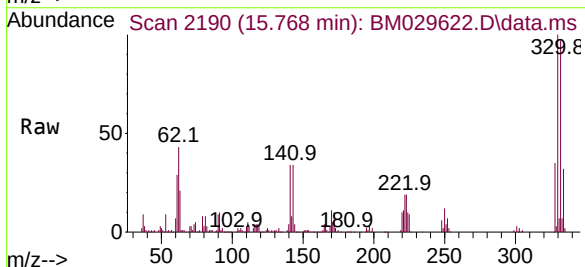
Tgt Ion:330 Resp: 228886

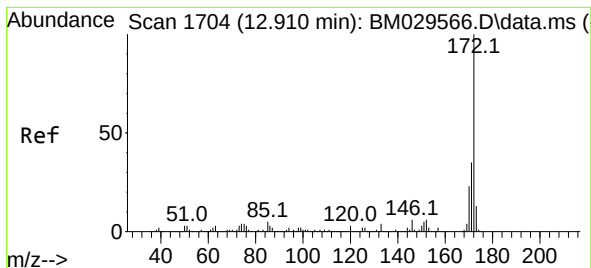
Ion Ratio Lower Upper

330 100

332 97.6 77.0 115.4

141 36.9 30.2 45.2

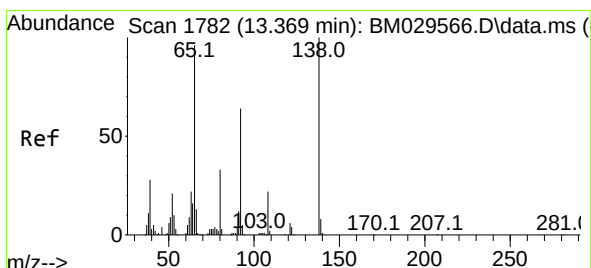
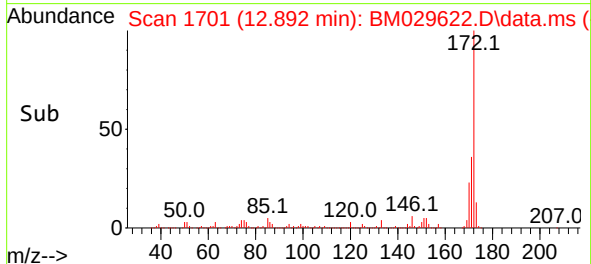
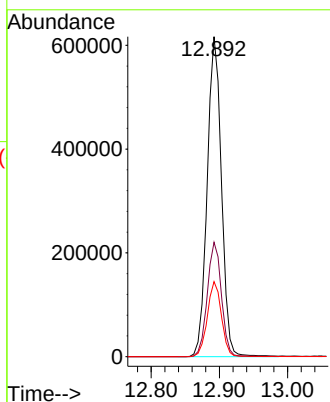
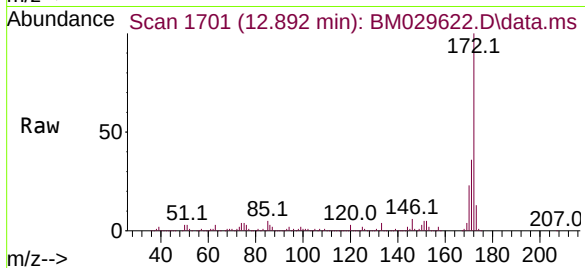




#45
2-Fluorobiphenyl
Concen: 57.31 ng
RT: 12.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: BM029622.D
Acq: 23 Apr 2021 20:44

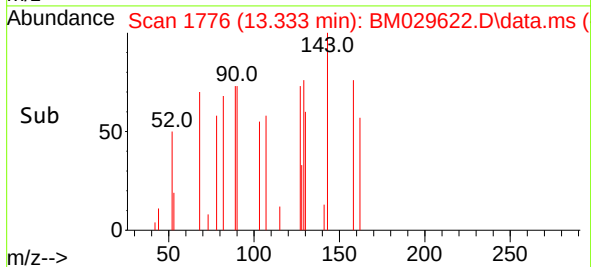
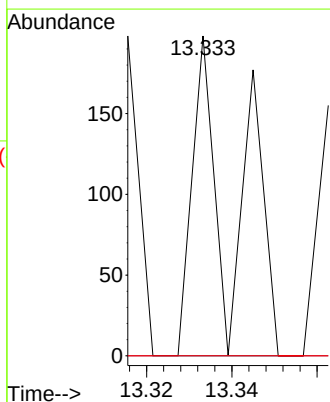
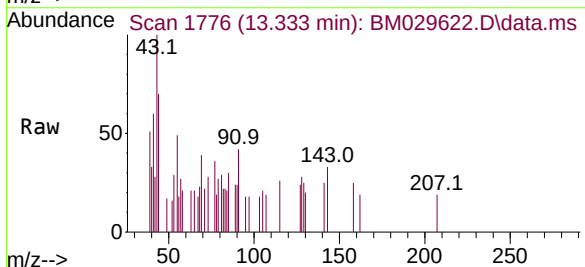
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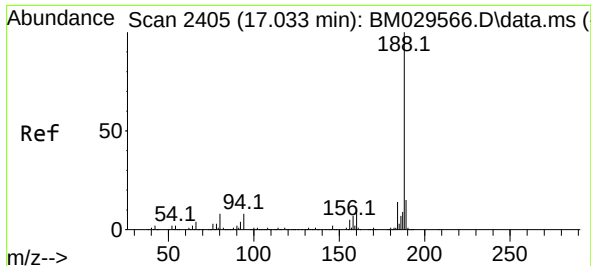
Tgt Ion:	172	Resp:	897014
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.5	18.4	27.6



#48
2-Nitroaniline
Concen: 2.89 ng
RT: 13.333 min Scan# 1776
Delta R.T. -0.024 min
Lab File: BM029622.D
Acq: 23 Apr 2021 20:44

Tgt Ion:	65	Resp:	132
Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.5	83.3#
138	0.0	85.7	128.5#

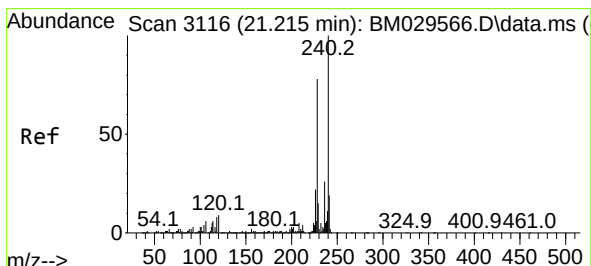
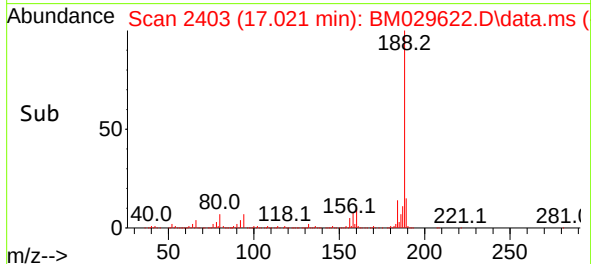
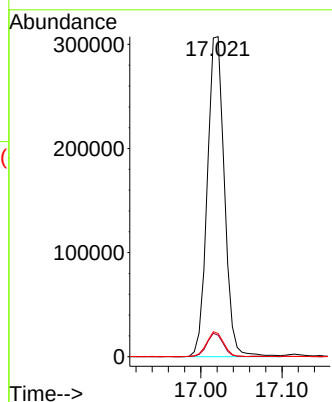
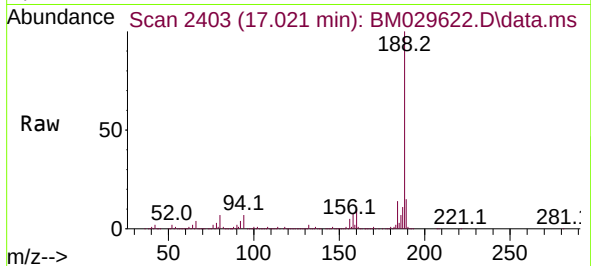




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.021 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BM029622.D
Acq: 23 Apr 2021 20:44

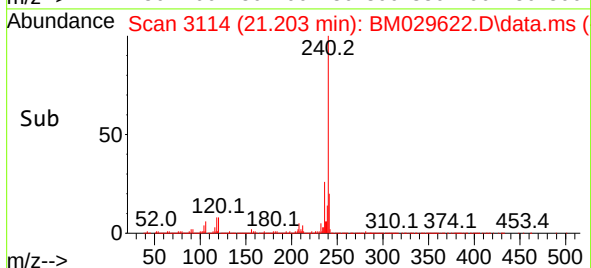
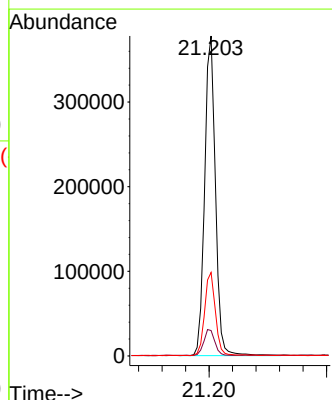
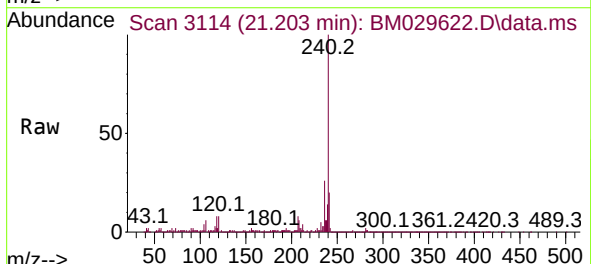
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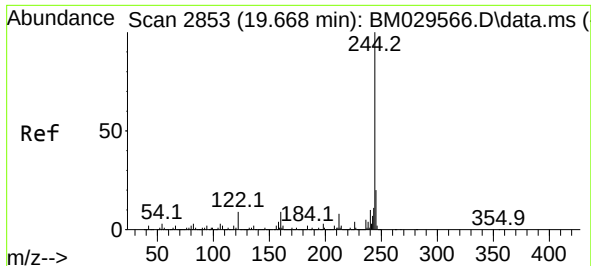
Tgt Ion:188 Resp: 449567
Ion Ratio Lower Upper
188 100
94 6.7 6.0 9.0
80 7.3 6.6 9.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.203 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM029622.D
Acq: 23 Apr 2021 20:44

Tgt Ion:240 Resp: 479805
Ion Ratio Lower Upper
240 100
120 7.9 7.0 10.6
236 26.1 21.0 31.4

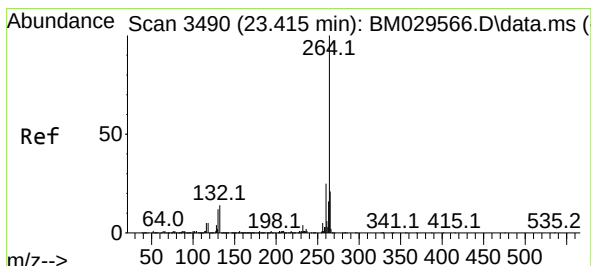
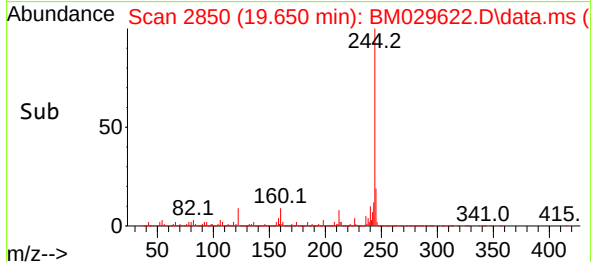
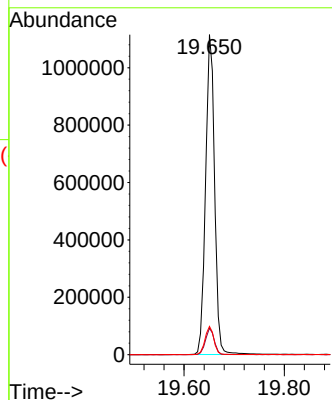
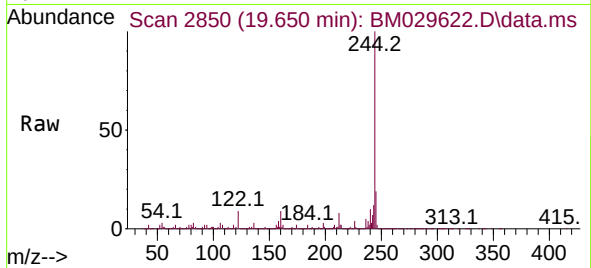




#79
Terphenyl-d14
Concen: 55.23 ng
RT: 19.650 min Scan# 2850
Delta R.T. -0.006 min
Lab File: BM029622.D
Acq: 23 Apr 2021 20:44

Instrument :
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ClientSampled :
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Tgt Ion:244 Resp: 1397756
Ion Ratio Lower Upper
244 100
212 8.3 6.3 9.5
122 8.9 6.9 10.3



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.391 min Scan# 3486
Delta R.T. -0.000 min
Lab File: BM029622.D
Acq: 23 Apr 2021 20:44

Tgt Ion:264 Resp: 495151
Ion Ratio Lower Upper
264 100
260 24.7 19.8 29.8
265 22.7 17.7 26.5

