

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053122\
 Data File : BM035331.D
 Acq On : 31 May 2022 18:30
 Operator : CG/JU
 Sample : N2952-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P037-SS001-1218-01

Quant Time: Jun 01 03:49:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 31 15:35:47 2022
 Response via : Initial Calibration

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

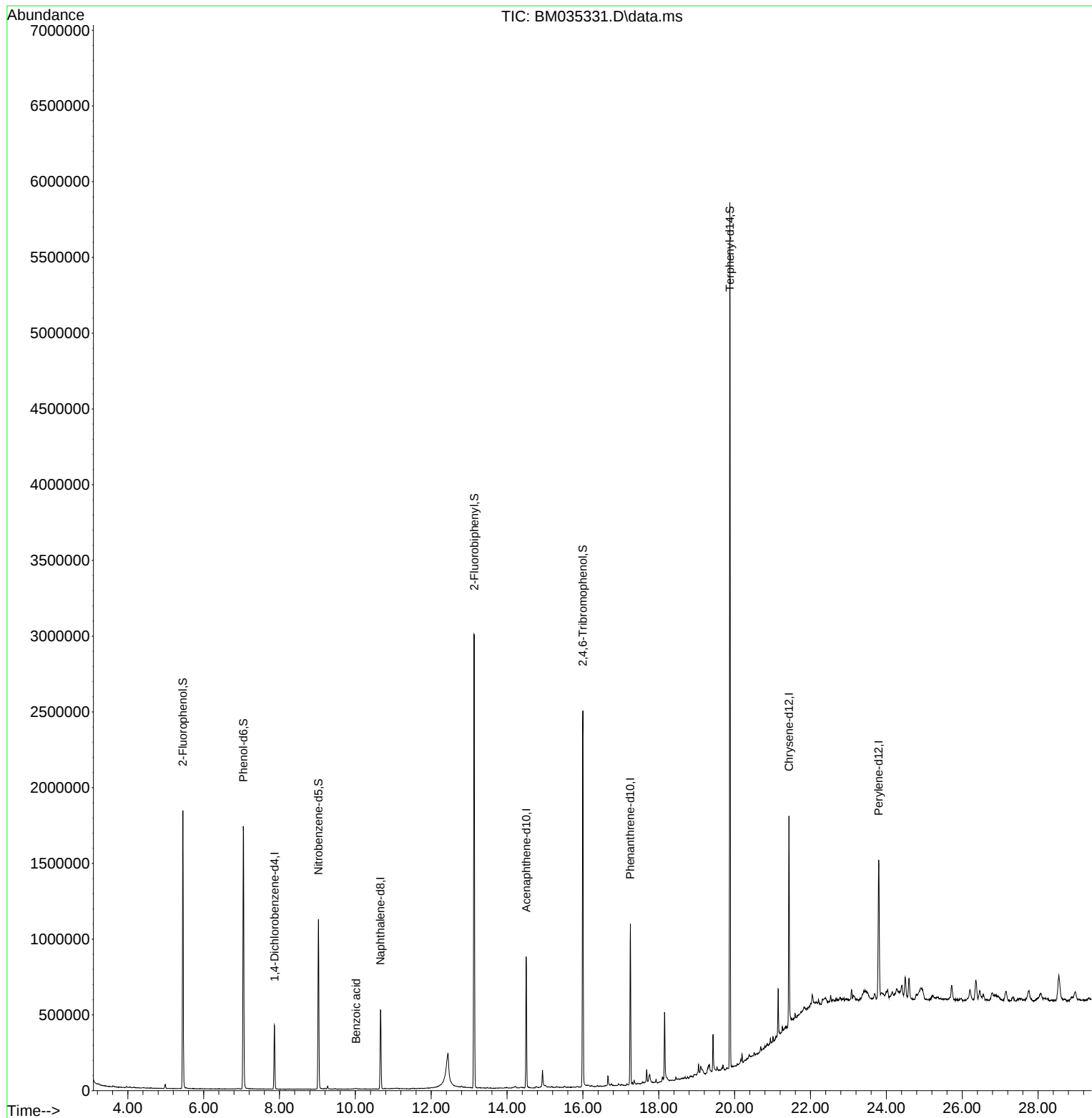
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	121874	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	454199	20.000	ng	-0.01
39) Acenaphthene-d10	14.504	164	290750	20.000	ng	-0.01
64) Phenanthrene-d10	17.251	188	635751	20.000	ng	# 0.00
76) Chrysene-d12	21.433	240	672670	20.000	ng	# 0.00
86) Perylene-d12	23.797	264	695927	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	780662	118.269	ng	0.00
7) Phenol-d6	7.045	99	1011832	118.384	ng	0.00
23) Nitrobenzene-d5	9.028	82	624457	75.683	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	502594	133.248	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	1635177	77.991	ng	0.00
79) Terphenyl-d14	19.874	244	2829058	74.525	ng	0.00
Target Compounds						
32) Benzoic acid	10.022	122	59	2.916	ng	# 23

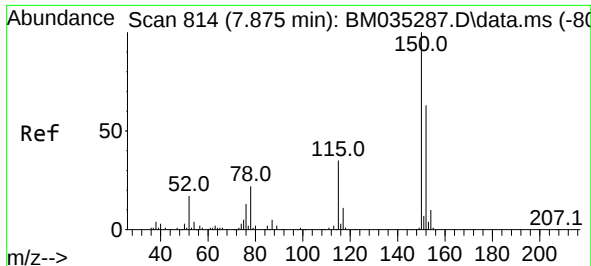
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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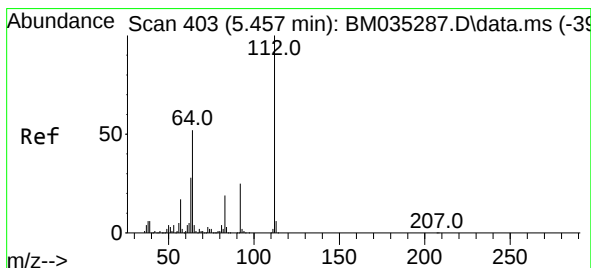
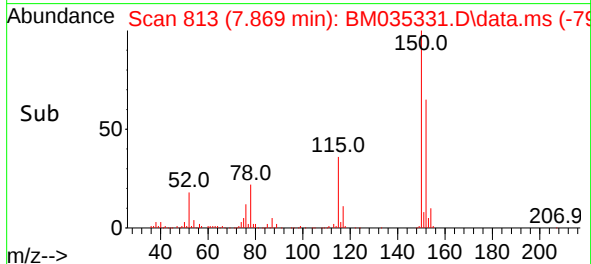
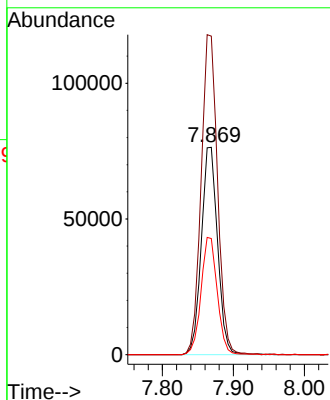
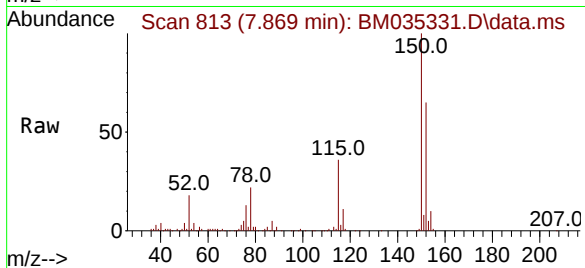




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 814
Delta R.T. -0.006 min
Lab File: BM035331.D
Acq: 31 May 2022 18:30

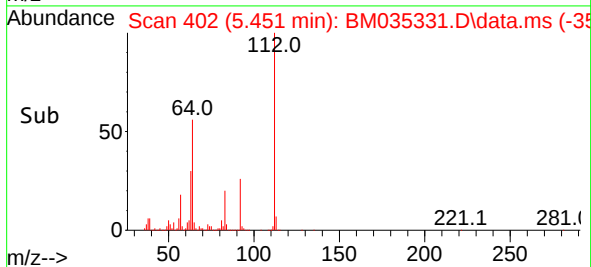
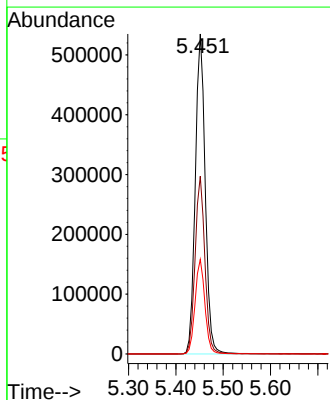
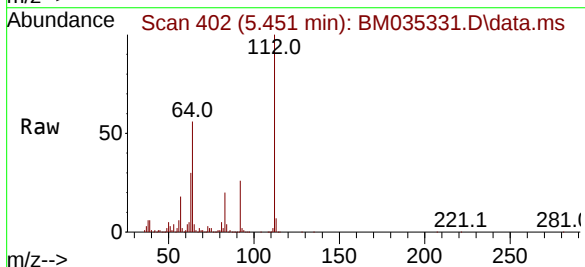
Instrument :
BNA_M
ClientSampleId :
P037-SS001-1218-01

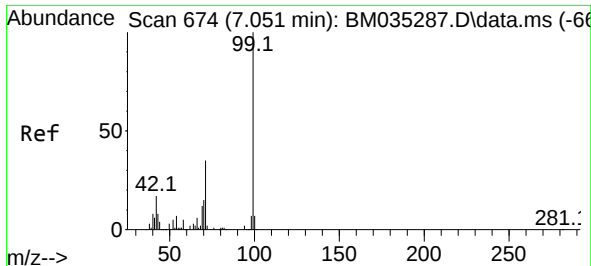
Tgt Ion:152 Resp: 121874
Ion Ratio Lower Upper
152 100
150 153.7 124.9 187.3
115 56.0 47.9 71.9



#5
2-Fluorophenol
Concen: 118.269 ng
RT: 5.451 min Scan# 402
Delta R.T. -0.006 min
Lab File: BM035331.D
Acq: 31 May 2022 18:30

Tgt Ion:112 Resp: 780662
Ion Ratio Lower Upper
112 100
64 55.6 47.8 71.6
63 29.6 26.6 40.0

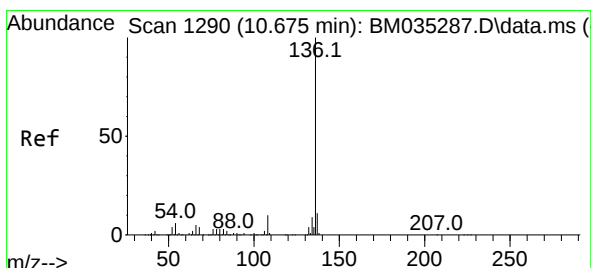
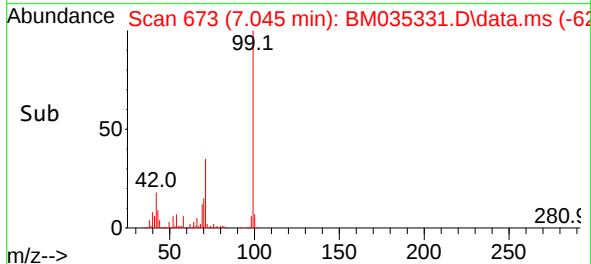
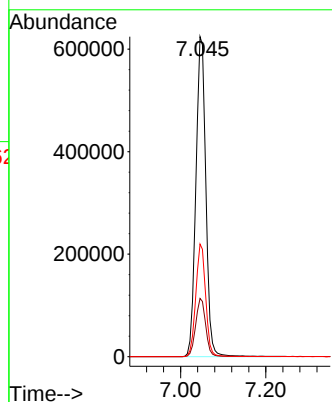
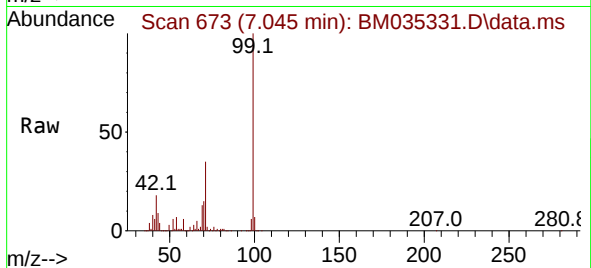




#7
Phenol-d6
Concen: 118.384 ng
RT: 7.045 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035331.D
Acq: 31 May 2022 18:30

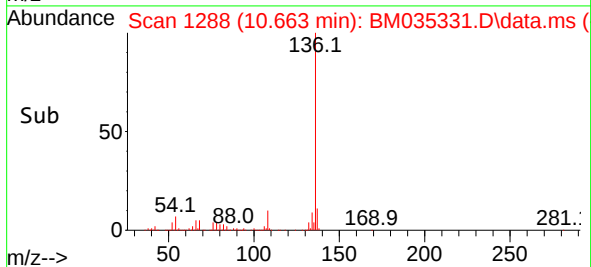
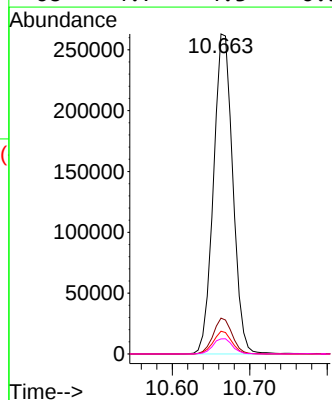
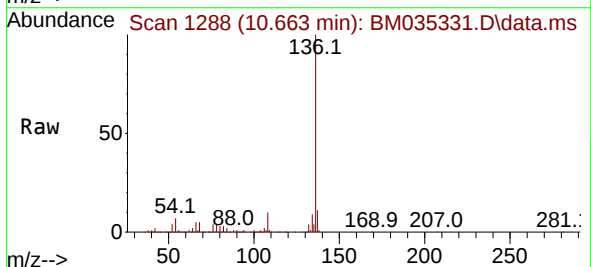
Instrument :
BNA_M
ClientSampleId :
P037-SS001-1218-01

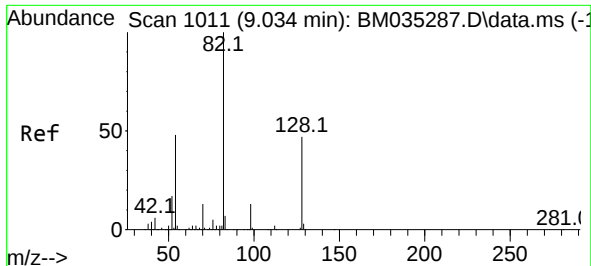
Tgt Ion: 99 Resp: 1011832
Ion Ratio Lower Upper
99 100
42 18.2 18.8 28.2#
71 35.2 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BM035331.D
Acq: 31 May 2022 18:30

Tgt Ion:136 Resp: 454199
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.1 7.0 10.4
68 4.7 4.3 6.5

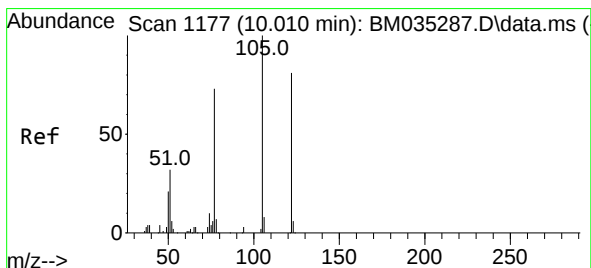
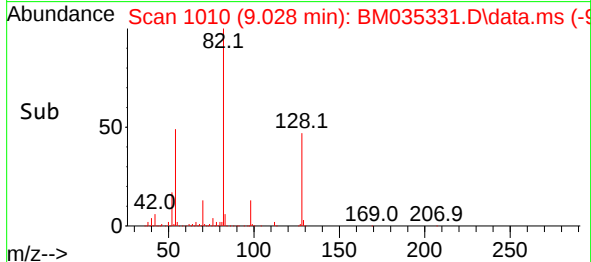
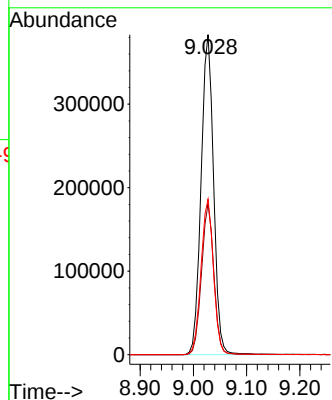
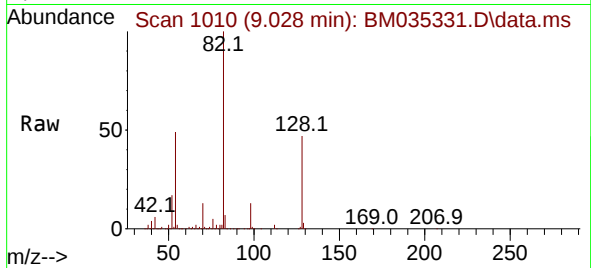




#23
Nitrobenzene-d5
Concen: 75.683 ng
RT: 9.028 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BM035331.D
Acq: 31 May 2022 18:30

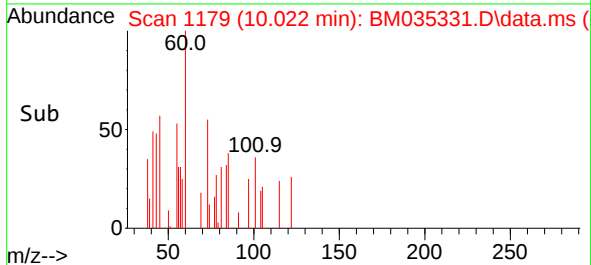
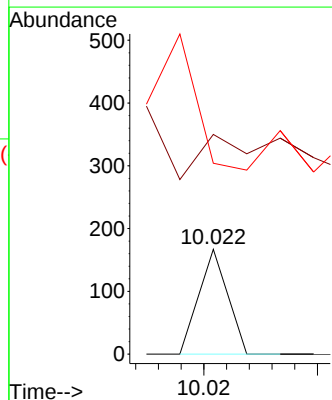
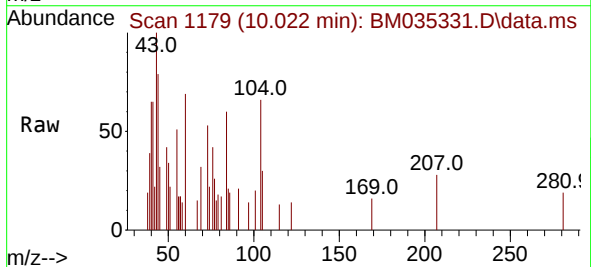
Instrument :
BNA_M
ClientSampleId :
P037-SS001-1218-01

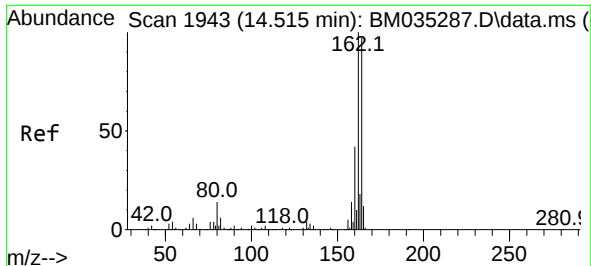
Tgt Ion: 82 Resp: 624457
Ion Ratio Lower Upper
82 100
128 47.1 33.7 50.5
54 48.6 43.2 64.8



#32
Benzoic acid
Concen: 2.916 ng
RT: 10.022 min Scan# 1179
Delta R.T. 0.012 min
Lab File: BM035331.D
Acq: 31 May 2022 18:30

Tgt Ion:122 Resp: 59
Ion Ratio Lower Upper
122 100
105 209.6 105.7 145.7#
77 182.0 80.0 120.0#

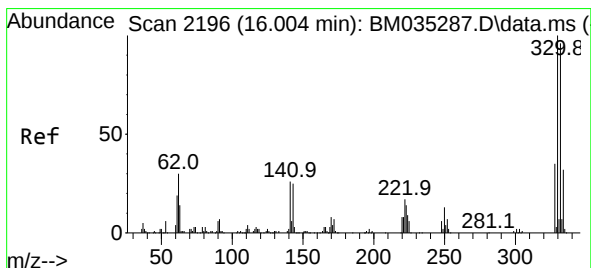
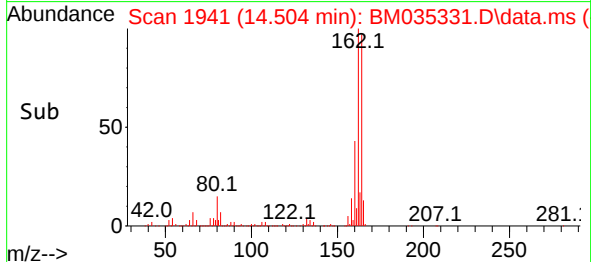
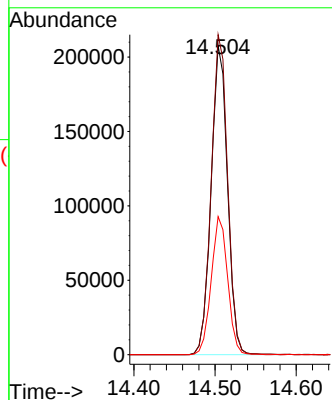
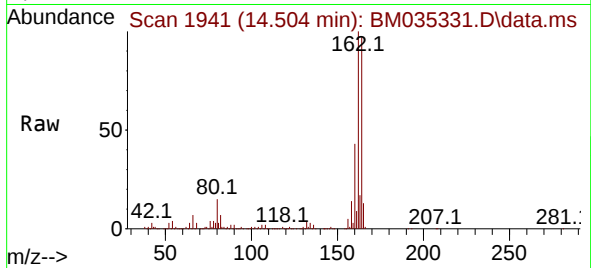




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.011 min
Lab File: BM035331.D
Acq: 31 May 2022 18:30

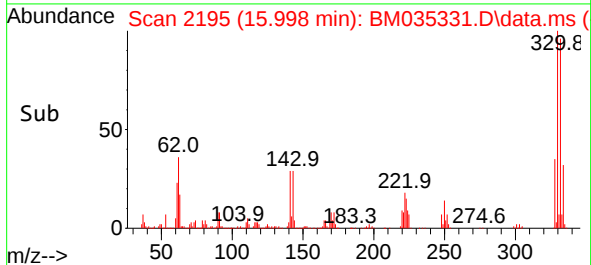
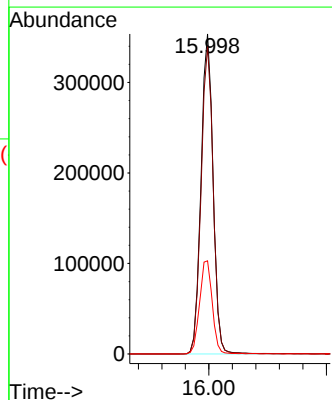
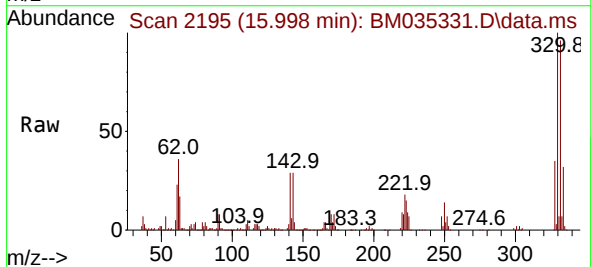
Instrument :
BNA_M
ClientSampleId :
P037-SS001-1218-01

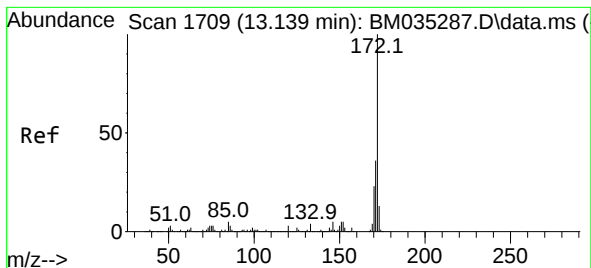
Tgt Ion:164 Resp: 290750
Ion Ratio Lower Upper
164 100
162 103.6 83.0 124.6
160 44.7 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 133.248 ng
RT: 15.998 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM035331.D
Acq: 31 May 2022 18:30

Tgt Ion:330 Resp: 502594
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 30.5 35.3 52.9#





#45

2-Fluorobiphenyl

Concen: 77.991 ng

RT: 13.133 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM035331.D

Acq: 31 May 2022 18:30

Instrument :

BNA_M

ClientSampleId :

P037-SS001-1218-01

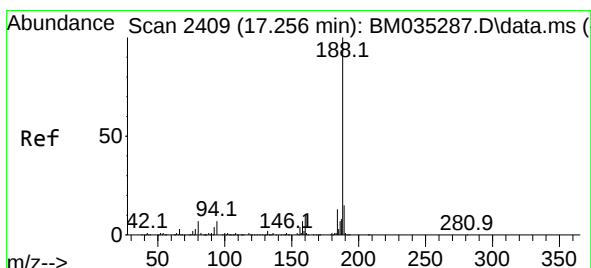
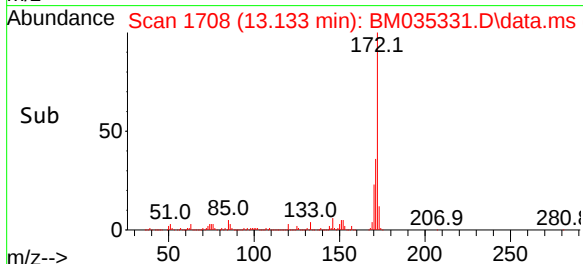
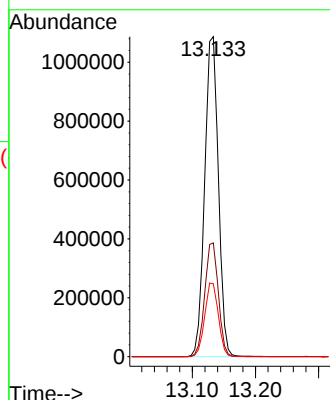
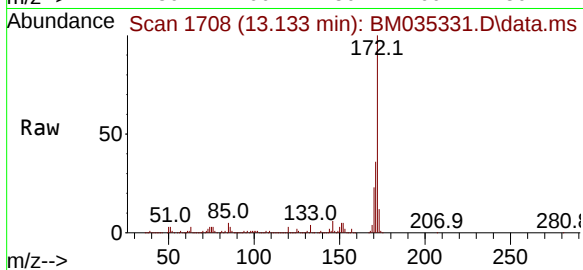
Tgt Ion:172 Resp: 1635177

Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 22.8 18.7 28.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.251 min Scan# 2408

Delta R.T. -0.006 min

Lab File: BM035331.D

Acq: 31 May 2022 18:30

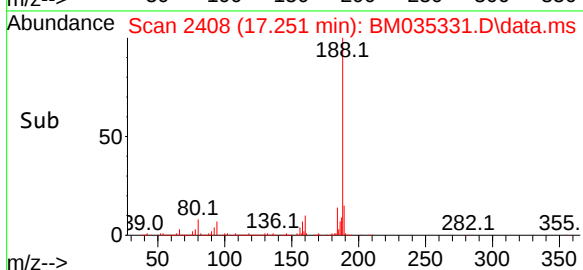
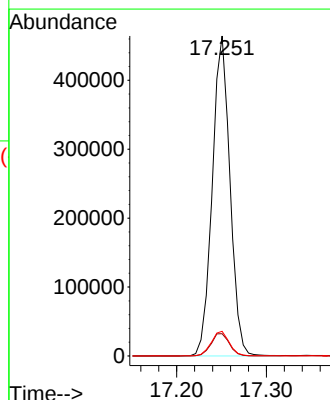
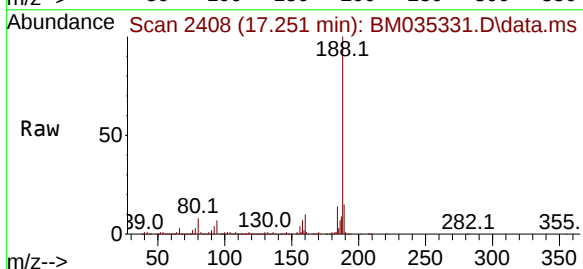
Tgt Ion:188 Resp: 635751

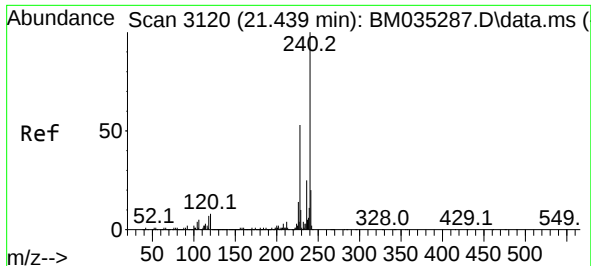
Ion Ratio Lower Upper

188 100

94 7.0 7.0 10.4#

80 7.7 7.6 11.4

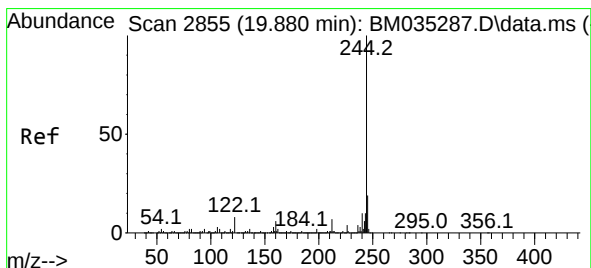
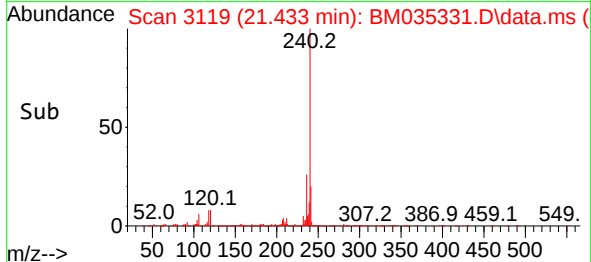
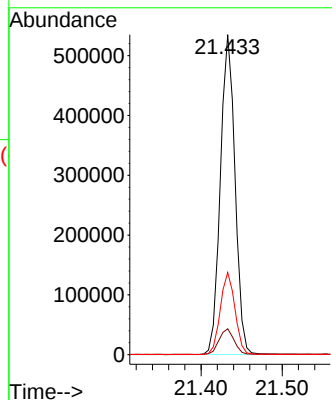
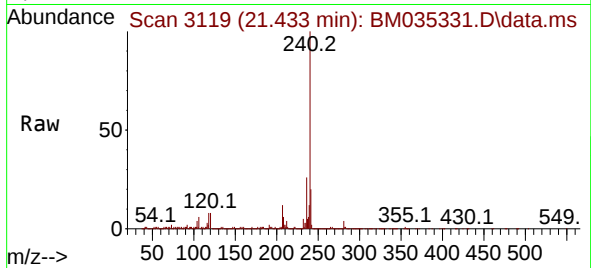




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM035331.D
Acq: 31 May 2022 18:30

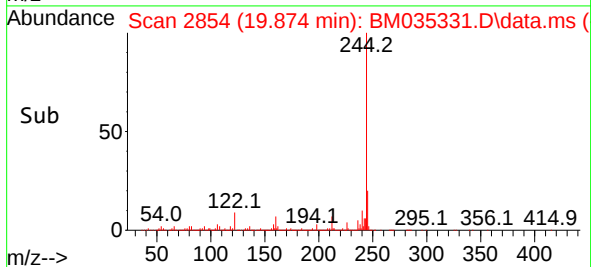
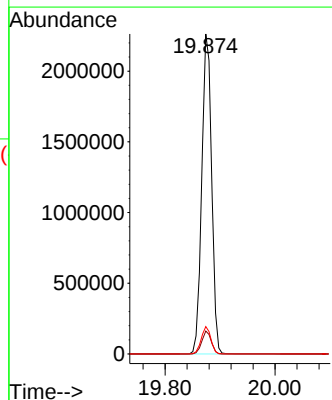
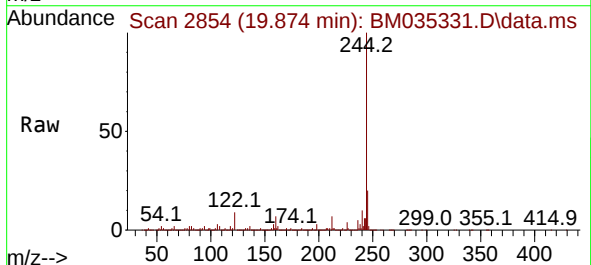
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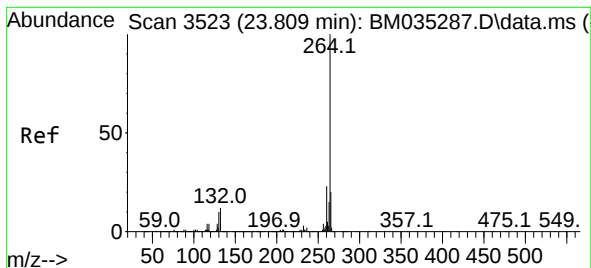
Tgt Ion:240 Resp: 672670
Ion Ratio Lower Upper
240 100
120 8.1 9.4 14.0#
236 25.7 20.6 30.8



#79
Terphenyl-d14
Concen: 74.525 ng
RT: 19.874 min Scan# 2854
Delta R.T. -0.006 min
Lab File: BM035331.D
Acq: 31 May 2022 18:30

Tgt Ion:244 Resp: 2829058
Ion Ratio Lower Upper
244 100
212 7.1 6.2 9.4
122 8.5 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.797 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM035331.D

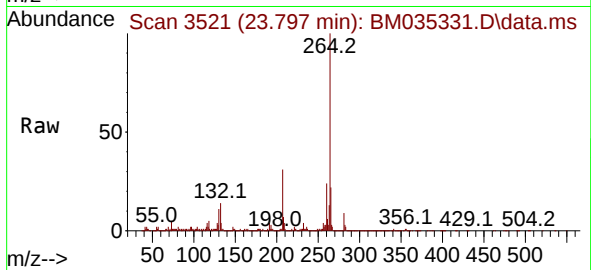
Acq: 31 May 2022 18:30

Instrument :

BNA_M

ClientSampleId :

P037-SS001-1218-01



Tgt Ion:264 Resp: 695927

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 22.5 17.5 26.3

