

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103122\
 Data File : BM037289.D
 Acq On : 31 Oct 2022 14:43
 Operator : CG/JU
 Sample : N5313-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMPOSITE-SW-QUARTER

Quant Time: Nov 01 05:01:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 31 01:34:15 2022
 Response via : Initial Calibration

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

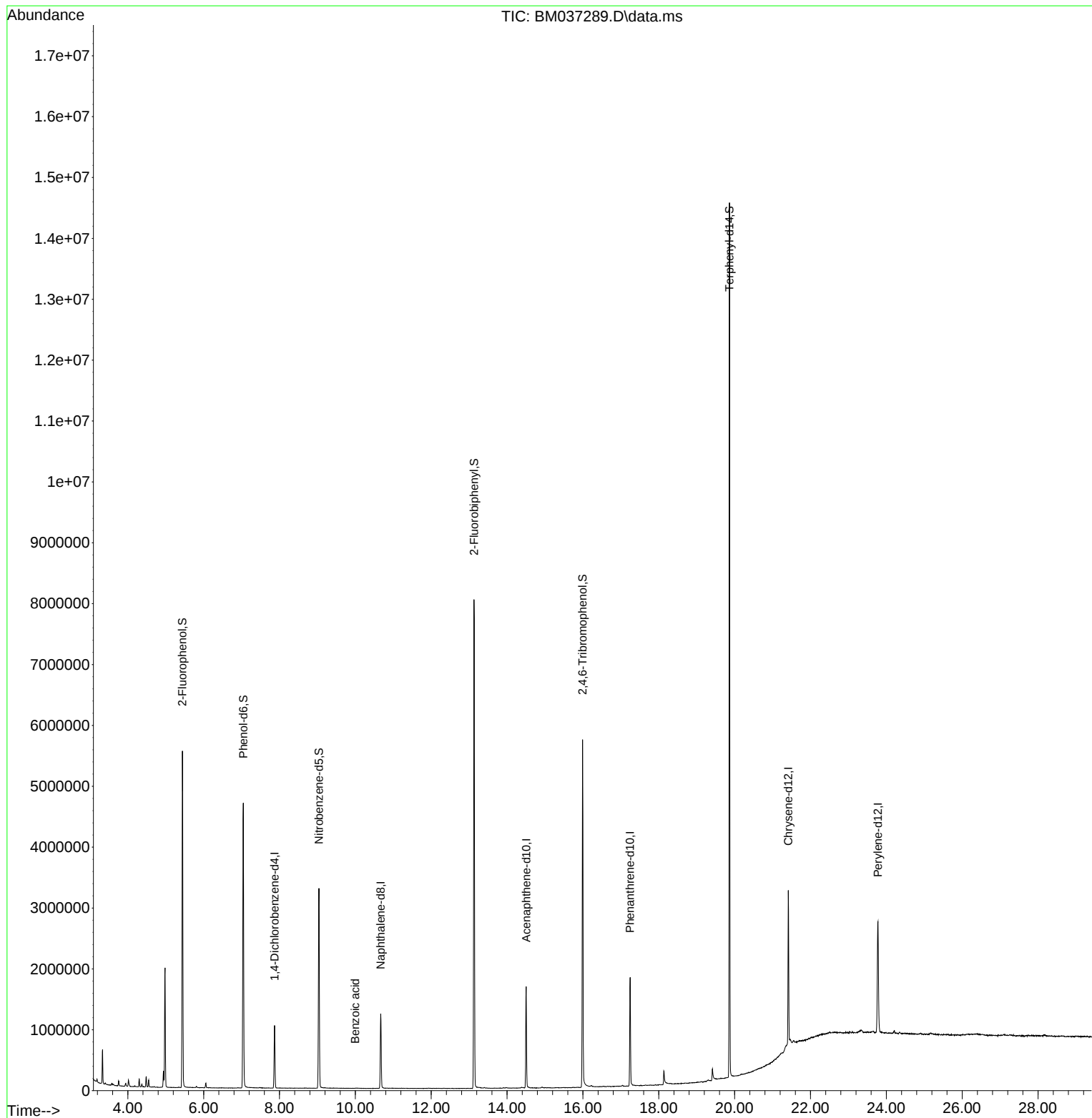
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	275221	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	1031244	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	551975	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	1065228	20.000	ng	0.00
76) Chrysene-d12	21.415	240	1181551	20.000	ng	0.00
86) Perylene-d12	23.780	264	1378526	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	2332555	146.421	ng	0.00
7) Phenol-d6	7.046	99	2702784	125.007	ng	0.00
23) Nitrobenzene-d5	9.040	82	1883974	92.172	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	1092662	167.977	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	3999430	96.273	ng	-0.01
79) Terphenyl-d14	19.863	244	6391393	97.004	ng	0.00
Target Compounds						
32) Benzoic acid	9.998	122	2850	7.172	ng	Qvalue # 59

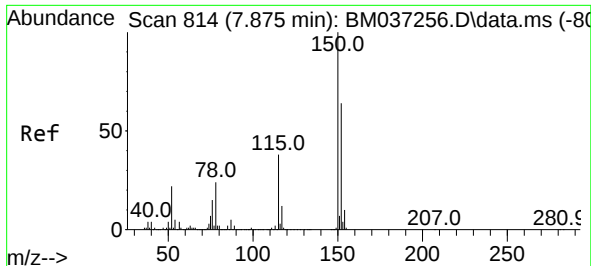
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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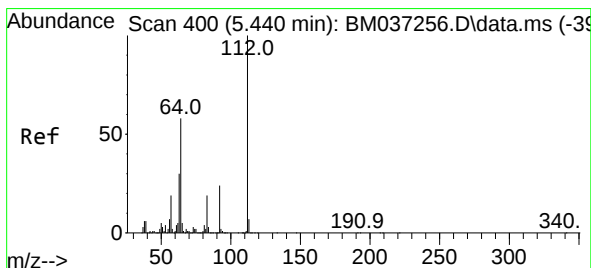
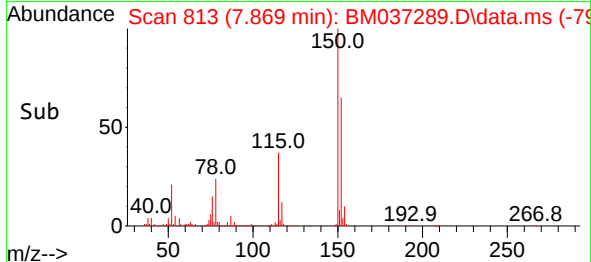
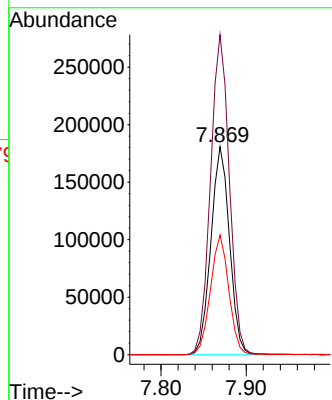
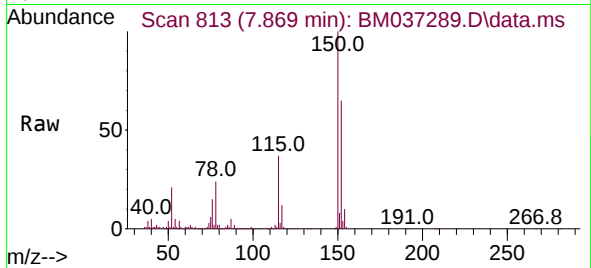




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 814
Delta R.T. -0.006 min
Lab File: BM037289.D
Acq: 31 Oct 2022 14:43

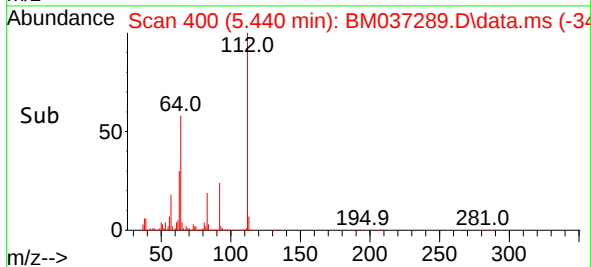
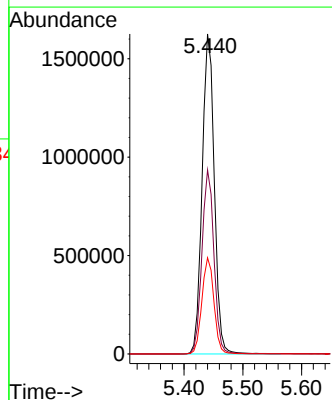
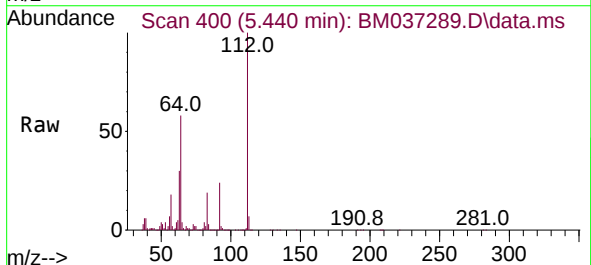
Instrument :
BNA_M
ClientSampleId :
COMPOSITE-SW-QUARTER

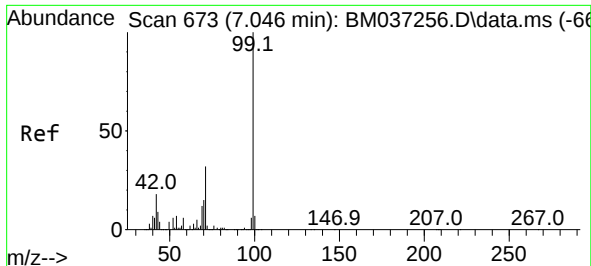
Tgt Ion:152 Resp: 275221
Ion Ratio Lower Upper
152 100
150 153.9 124.8 187.2
115 57.6 47.0 70.4



#5
2-Fluorophenol
Concen: 146.421 ng
RT: 5.440 min Scan# 400
Delta R.T. -0.000 min
Lab File: BM037289.D
Acq: 31 Oct 2022 14:43

Tgt Ion:112 Resp: 2332555
Ion Ratio Lower Upper
112 100
64 57.5 46.8 70.2
63 30.1 24.4 36.6

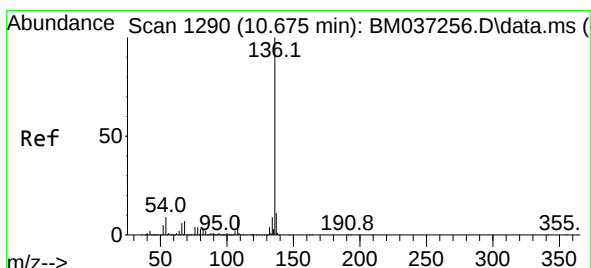
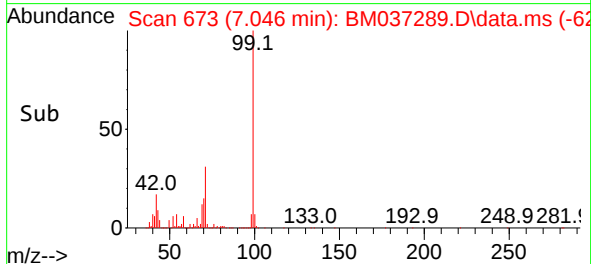
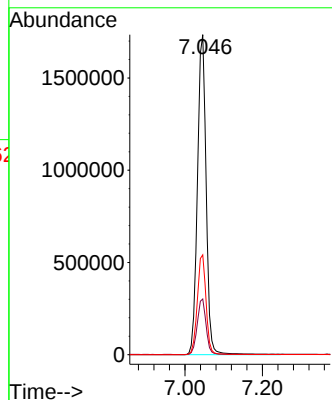
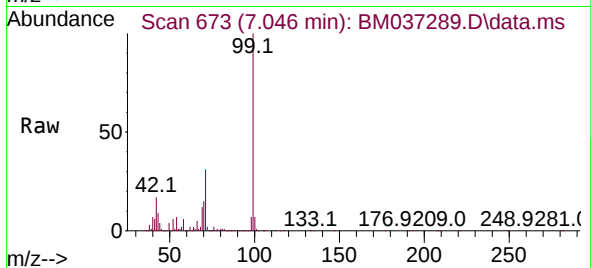




#7
Phenol-d6
Concen: 125.007 ng
RT: 7.046 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM037289.D
Acq: 31 Oct 2022 14:43

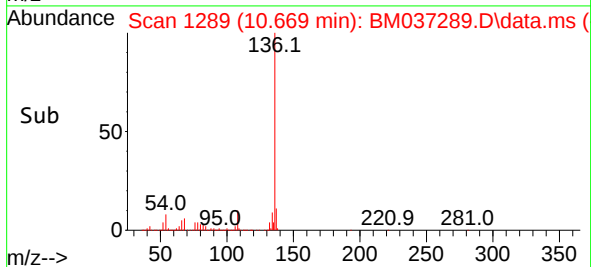
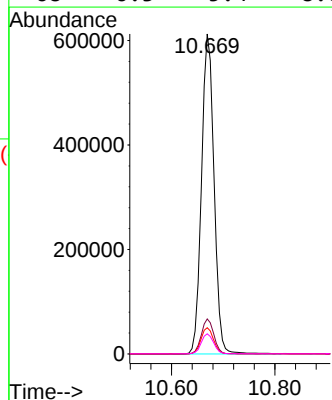
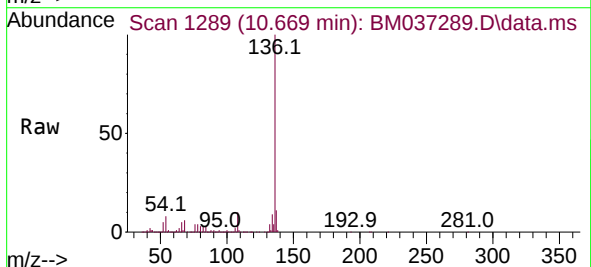
Instrument :
BNA_M
ClientSampleId :
COMPOSITE-SW-QUARTER

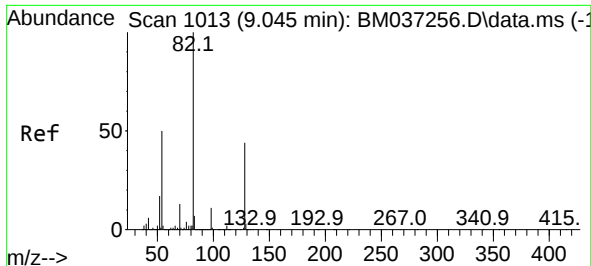
Tgt Ion: 99 Resp: 2702784
Ion Ratio Lower Upper
99 100
42 17.4 14.8 22.2
71 31.2 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM037289.D
Acq: 31 Oct 2022 14:43

Tgt Ion: 136 Resp: 1031244
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.2 7.0 10.4
68 6.3 5.4 8.0

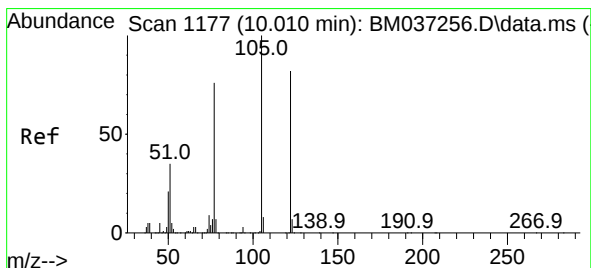
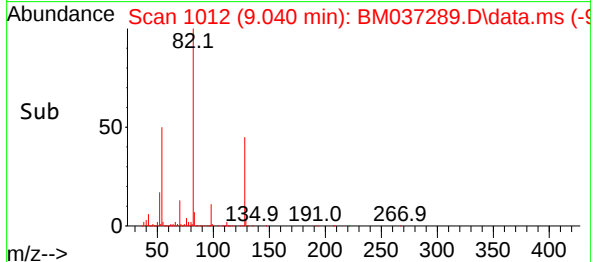
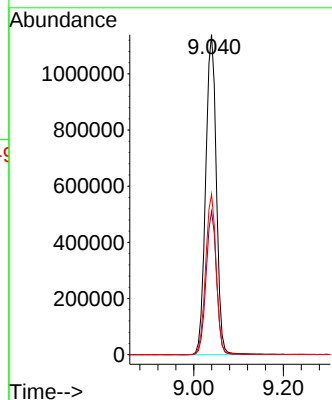
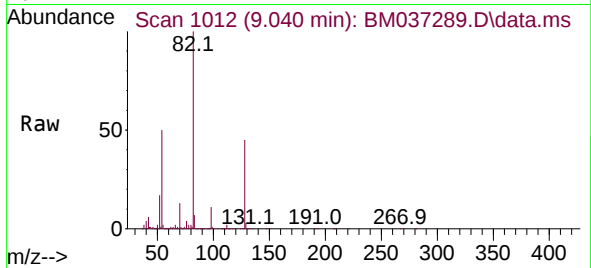




#23
Nitrobenzene-d5
Concen: 92.172 ng
RT: 9.040 min Scan# 1013
Delta R.T. -0.005 min
Lab File: BM037289.D
Acq: 31 Oct 2022 14:43

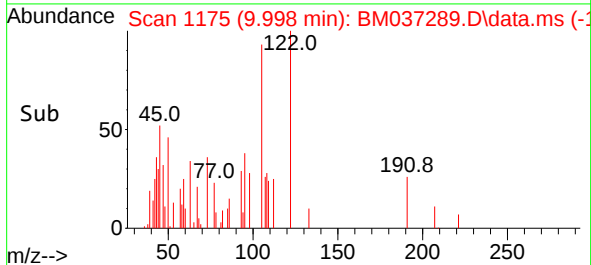
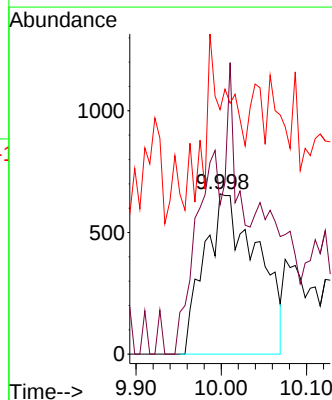
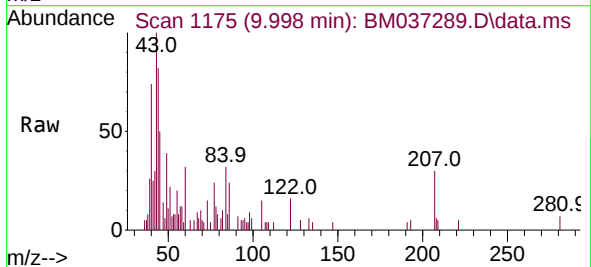
Instrument :
BNA_M
ClientSampleId :
COMPOSITE-SW-QUARTER

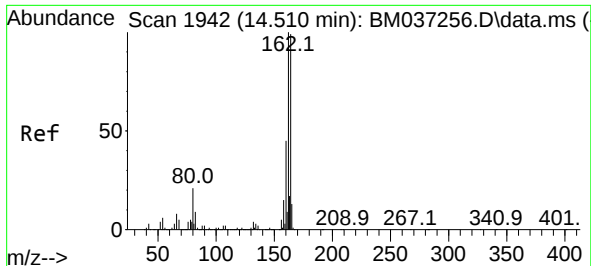
Tgt Ion: 82 Resp: 1883974
Ion Ratio Lower Upper
82 100
128 44.8 35.2 52.8
54 50.2 40.4 60.6



#32
Benzoic acid
Concen: 7.172 ng
RT: 9.998 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BM037289.D
Acq: 31 Oct 2022 14:43

Tgt Ion:122 Resp: 2850
Ion Ratio Lower Upper
122 100
105 93.2 100.1 140.1#
77 152.5 71.7 111.7#

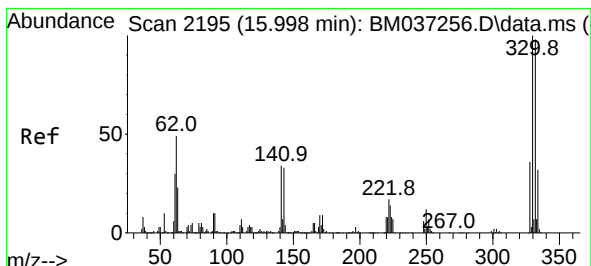
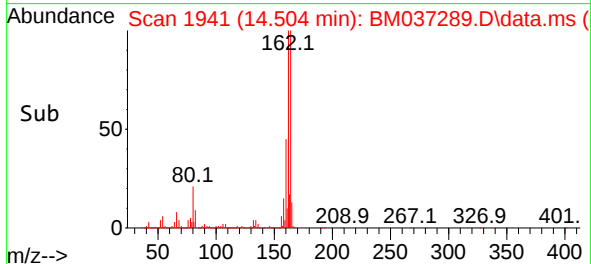
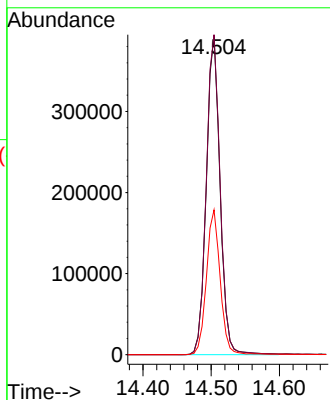
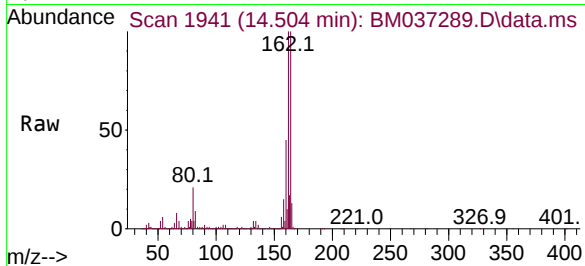




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BM037289.D
Acq: 31 Oct 2022 14:43

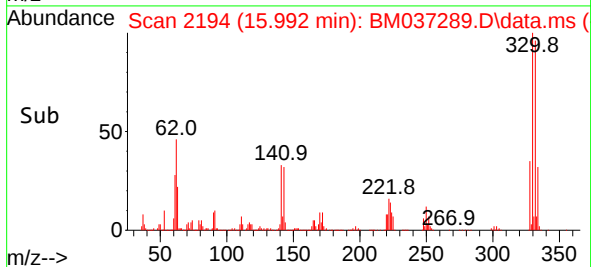
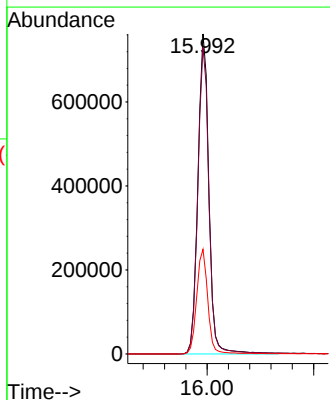
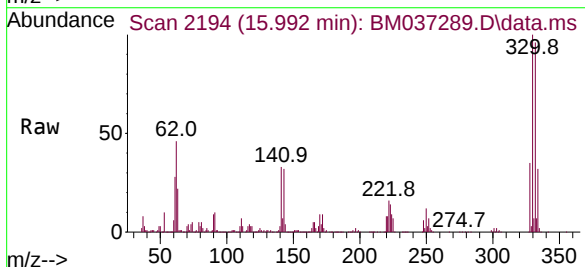
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BNA_M
ClientSampleId :
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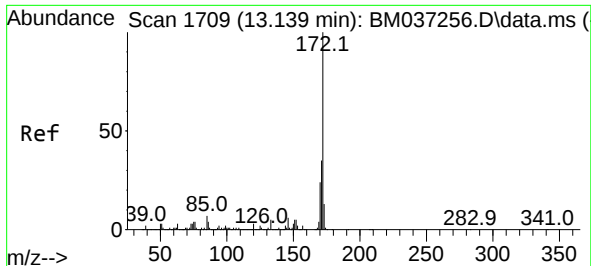
Tgt Ion:164 Resp: 551975
Ion Ratio Lower Upper
164 100
162 100.2 80.6 120.8
160 45.3 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 167.977 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BM037289.D
Acq: 31 Oct 2022 14:43

Tgt Ion:330 Resp: 1092662
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 32.9 27.5 41.3

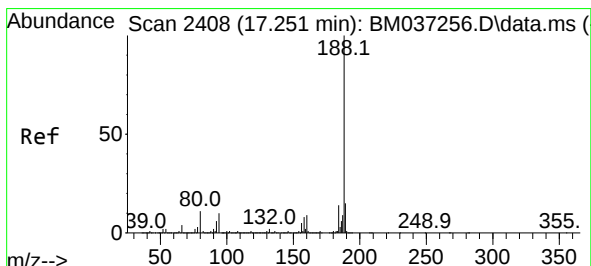
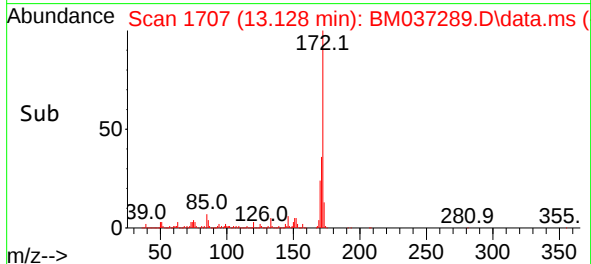
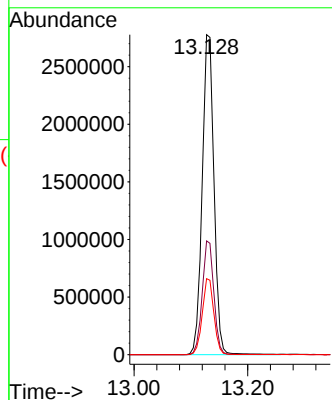
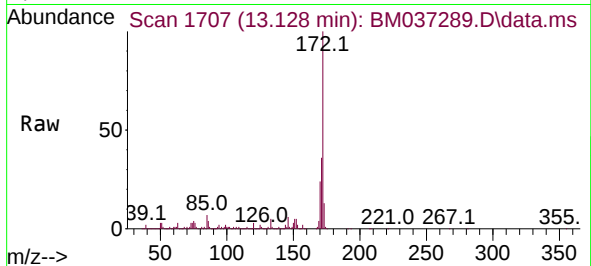




#45
2-Fluorobiphenyl
Concen: 96.273 ng
RT: 13.128 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM037289.D
Acq: 31 Oct 2022 14:43

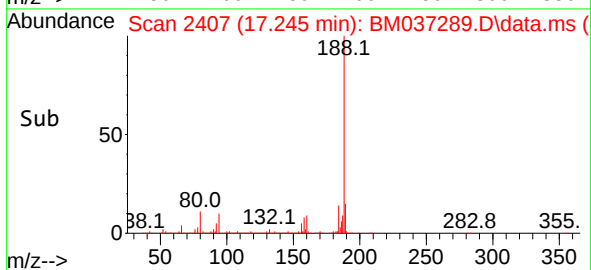
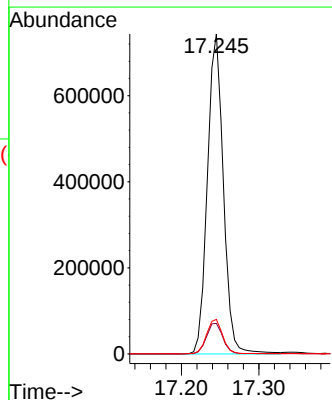
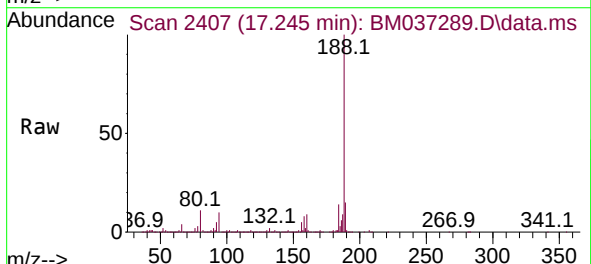
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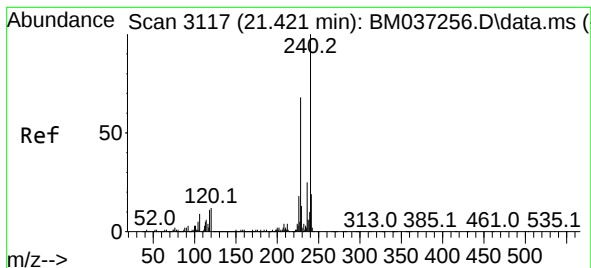
Tgt Ion:172 Resp: 3999430
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 23.7 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM037289.D
Acq: 31 Oct 2022 14:43

Tgt Ion:188 Resp: 1065228
Ion Ratio Lower Upper
188 100
94 9.6 7.9 11.9
80 10.8 8.5 12.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.415 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BM037289.D

Acq: 31 Oct 2022 14:43

Instrument :

BNA_M

ClientSampleId :

COMPOSITE-SW-QUARTER

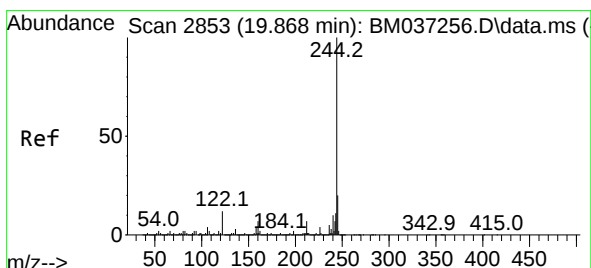
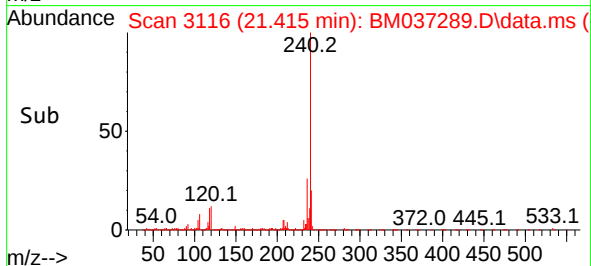
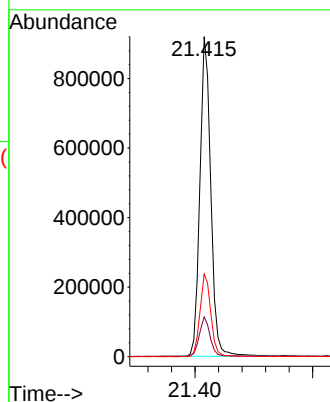
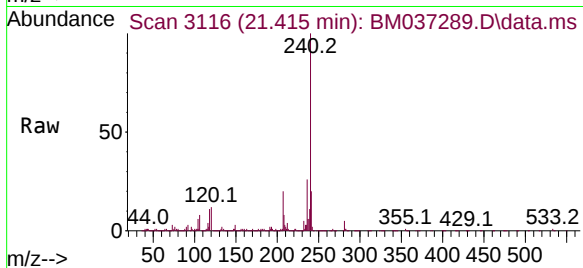
Tgt Ion:240 Resp: 1181551

Ion Ratio Lower Upper

240 100

120 12.5 9.9 14.9

236 25.8 20.3 30.5



#79

Terphenyl-d14

Concen: 97.004 ng

RT: 19.863 min Scan# 2852

Delta R.T. -0.005 min

Lab File: BM037289.D

Acq: 31 Oct 2022 14:43

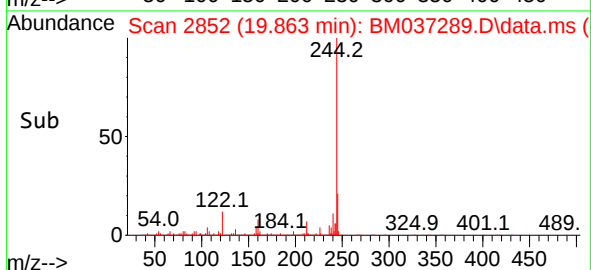
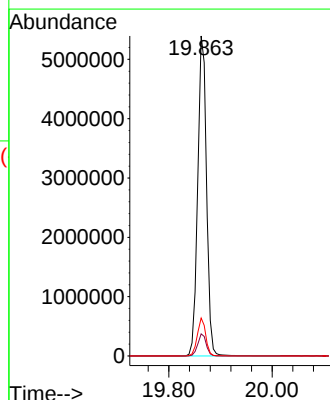
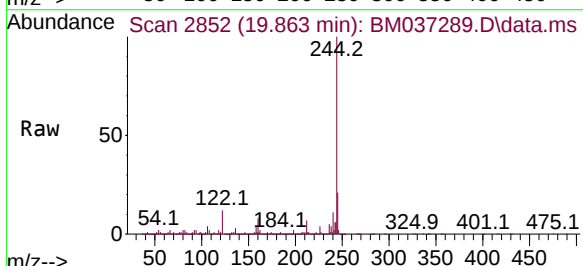
Tgt Ion:244 Resp: 6391393

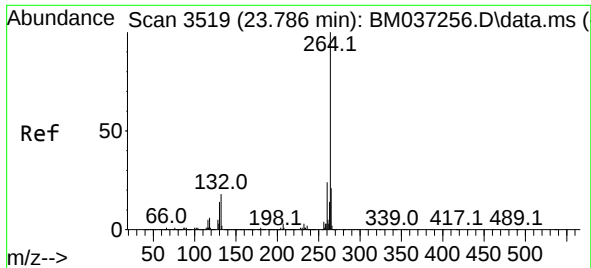
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 11.8 9.4 14.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.780 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM037289.D
Acq: 31 Oct 2022 14:43

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Tgt Ion:264 Resp: 1378526

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	21.5	17.7	26.5

