

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060822\
 Data File : BM035427.D
 Acq On : 08 Jun 2022 13:16
 Operator : CG/JU
 Sample : PB145400BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB145400BL

Quant Time: Jun 09 00:49:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 14:28:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	156185	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	638939	20.000	ng	# 0.00
39) Acenaphthene-d10	14.480	164	473868	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1135316	20.000	ng	0.00
76) Chrysene-d12	21.415	240	1364325	20.000	ng	# 0.00
86) Perylene-d12	23.768	264	1478535	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1160095	156.080	ng	0.00
7) Phenol-d6	7.022	99	1464210	144.217	ng	0.00
23) Nitrobenzene-d5	9.004	82	830521	82.535	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	955143	125.626	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	2781529	84.307	ng	0.00
79) Terphenyl-d14	19.857	244	5675782	82.881	ng	0.00

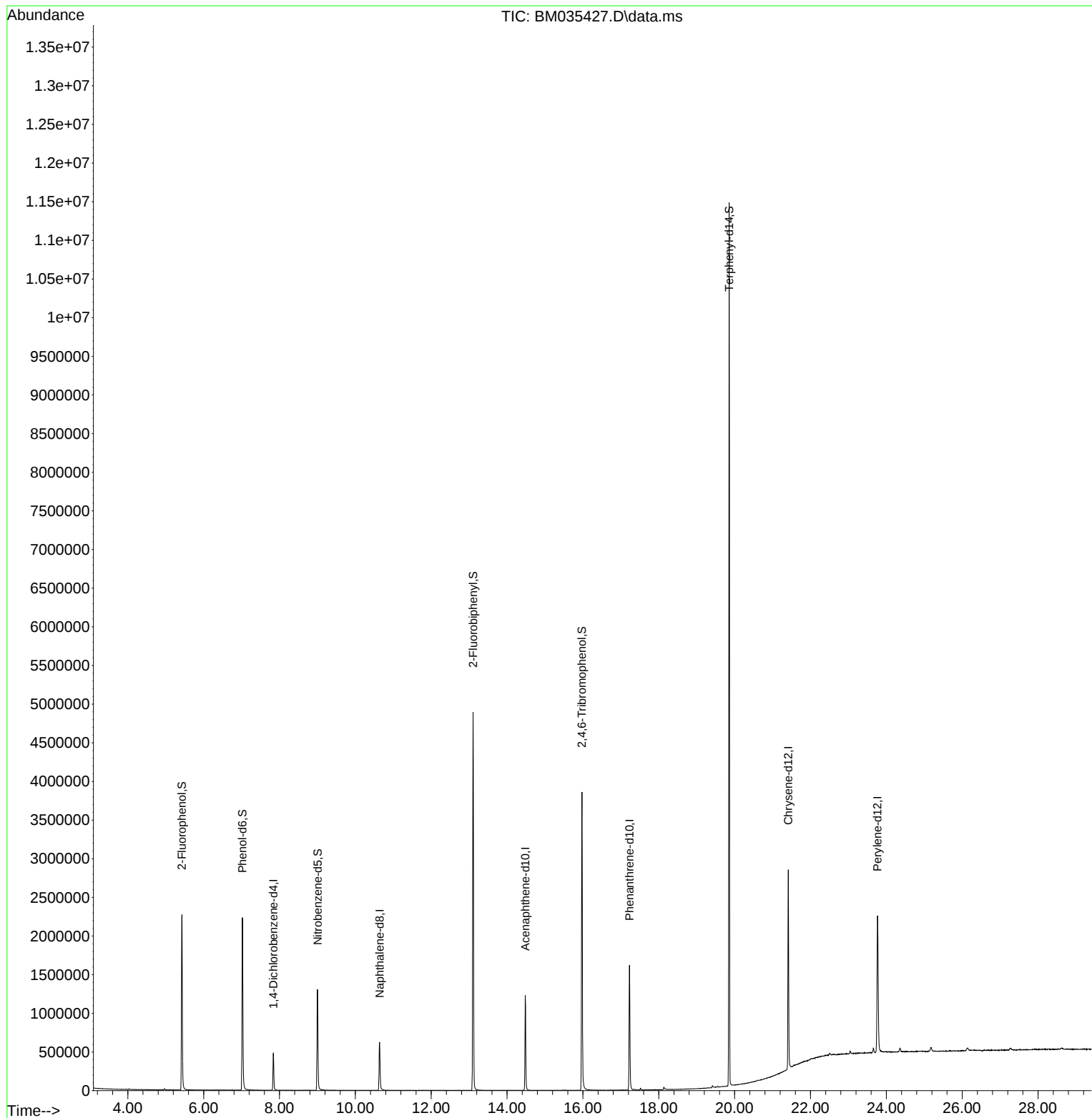
Target Compounds	Qvalue

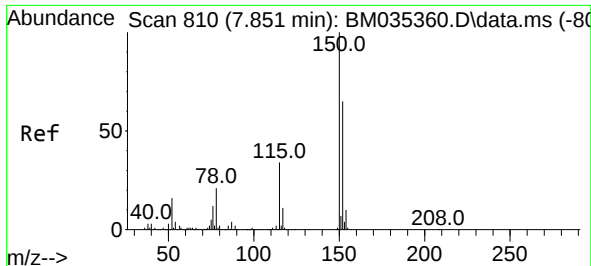
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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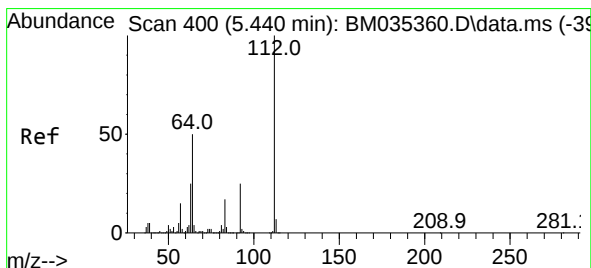
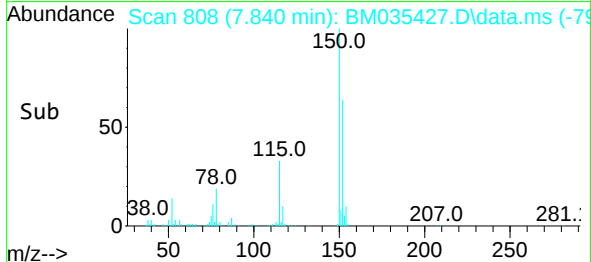
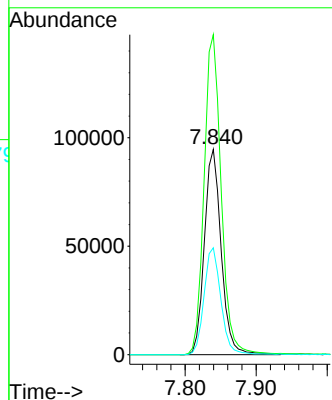
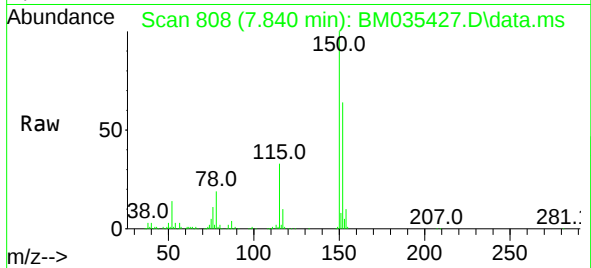




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.840 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM035427.D
Acq: 08 Jun 2022 13:16

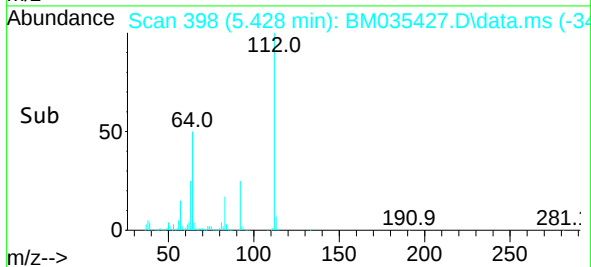
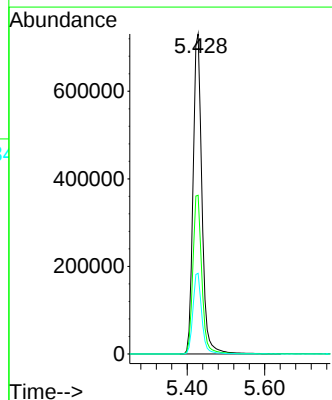
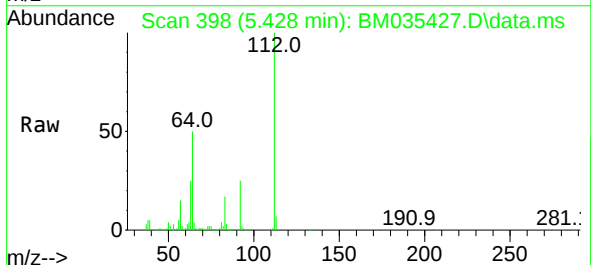
Instrument :
BNA_M
ClientSampleId :
PB145400BL

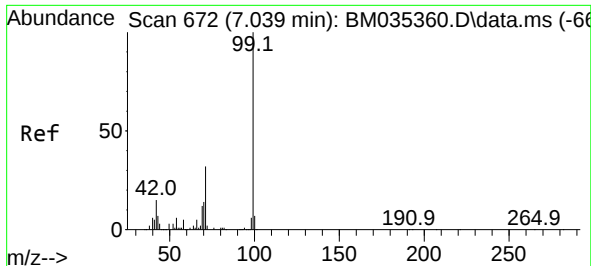
Tgt Ion:152 Resp: 156185
Ion Ratio Lower Upper
152 100
150 155.9 124.9 187.3
115 52.1 47.9 71.9



#5
2-Fluorophenol
Concen: 156.080 ng
RT: 5.428 min Scan# 398
Delta R.T. -0.000 min
Lab File: BM035427.D
Acq: 08 Jun 2022 13:16

Tgt Ion:112 Resp: 1160095
Ion Ratio Lower Upper
112 100
64 49.6 47.8 71.6
63 25.2 26.6 40.0#

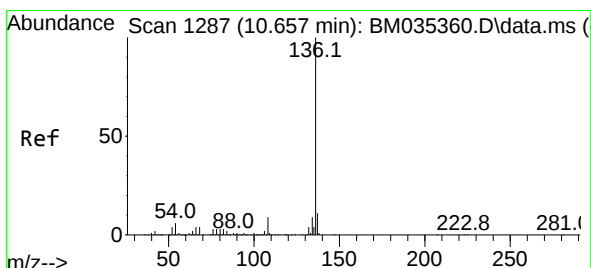
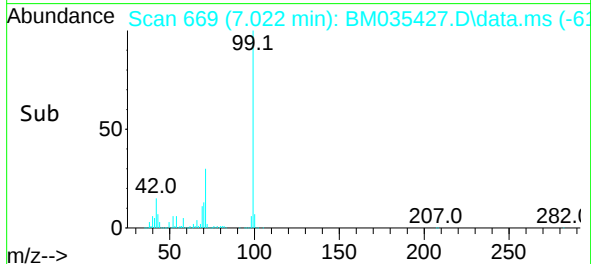
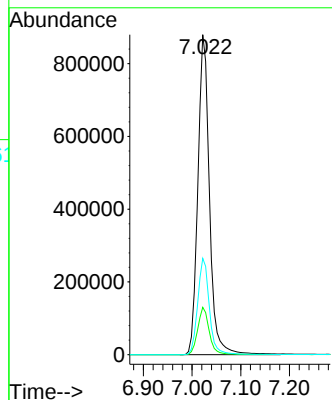
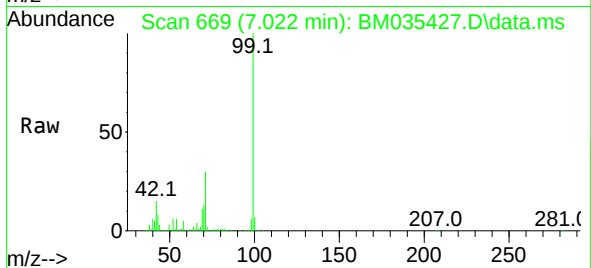




#7
Phenol-d6
Concen: 144.217 ng
RT: 7.022 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM035427.D
Acq: 08 Jun 2022 13:16

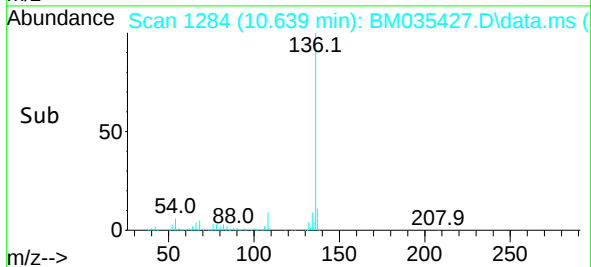
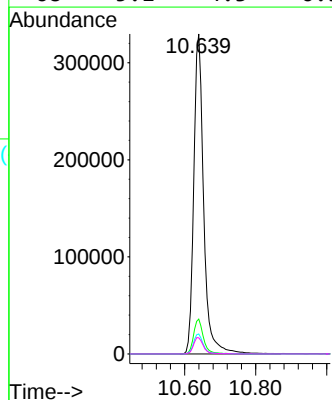
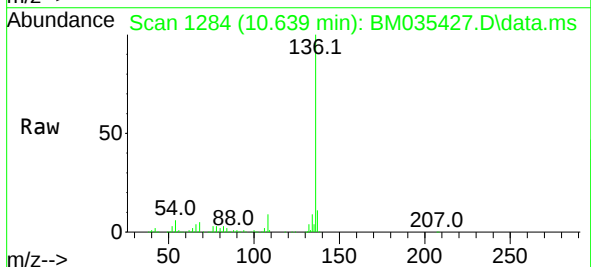
Instrument :
BNA_M
ClientSampleId :
PB145400BL

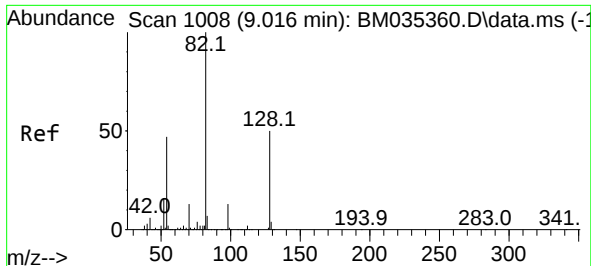
Tgt Ion: 99 Resp: 1464210
Ion Ratio Lower Upper
99 100
42 14.8 18.8 28.2#
71 30.1 30.2 45.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BM035427.D
Acq: 08 Jun 2022 13:16

Tgt Ion: 136 Resp: 638939
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.2 7.0 10.4#
68 5.1 4.3 6.5





#23

Nitrobenzene-d5

Concen: 82.535 ng

RT: 9.004 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM035427.D

Acq: 08 Jun 2022 13:16

Instrument :

BNA_M

ClientSampleId :

PB145400BL

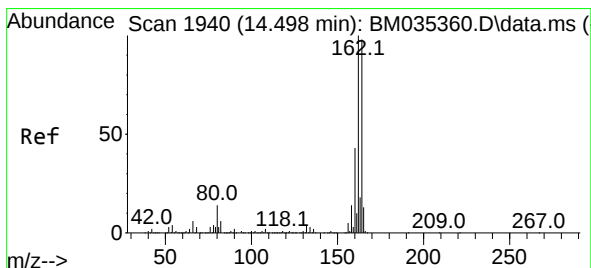
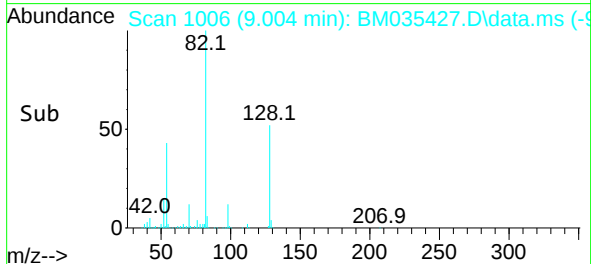
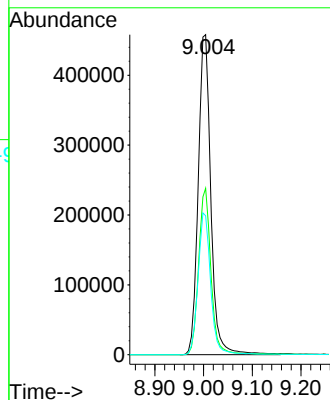
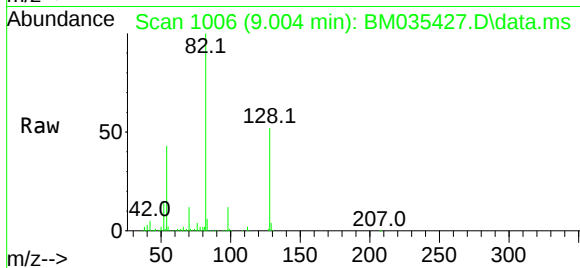
Tgt Ion: 82 Resp: 830521

Ion Ratio Lower Upper

82 100

128 52.0 33.7 50.5#

54 43.4 43.2 64.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.480 min Scan# 1937

Delta R.T. -0.006 min

Lab File: BM035427.D

Acq: 08 Jun 2022 13:16

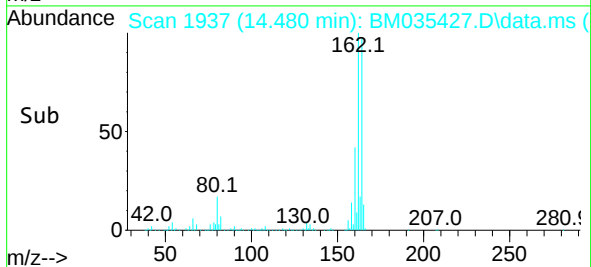
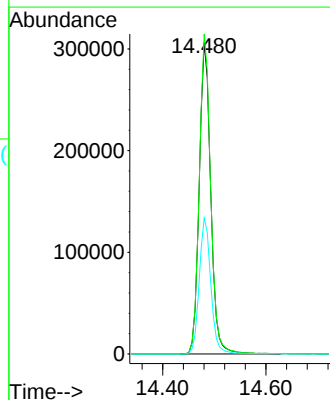
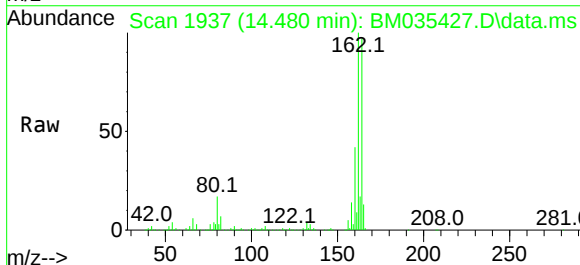
Tgt Ion: 164 Resp: 473868

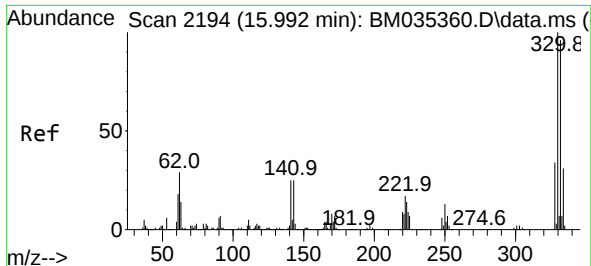
Ion Ratio Lower Upper

164 100

162 102.8 83.0 124.6

160 43.7 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 125.626 ng

RT: 15.974 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM035427.D

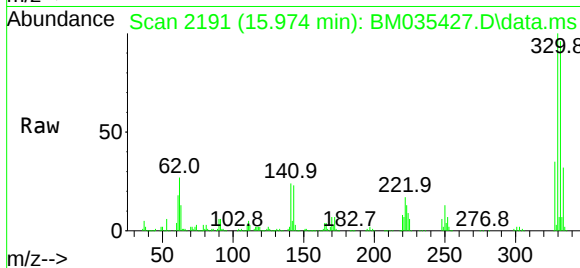
Acq: 08 Jun 2022 13:16

Instrument :

BNA_M

ClientSampleId :

PB145400BL



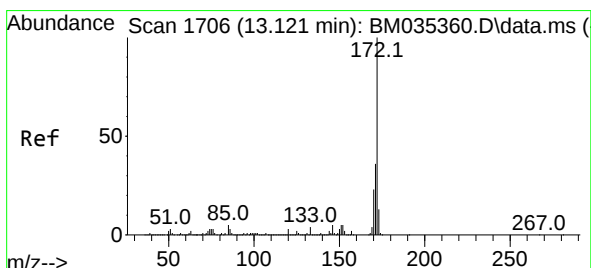
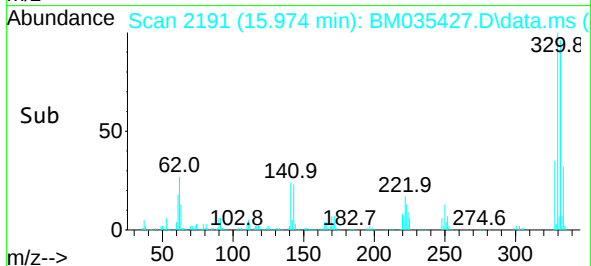
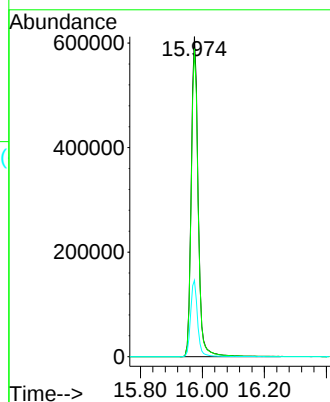
Tgt Ion:330 Resp: 955143

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.4

141 23.9 35.3 52.9#



#45

2-Fluorobiphenyl

Concen: 84.307 ng

RT: 13.104 min Scan# 1703

Delta R.T. -0.006 min

Lab File: BM035427.D

Acq: 08 Jun 2022 13:16

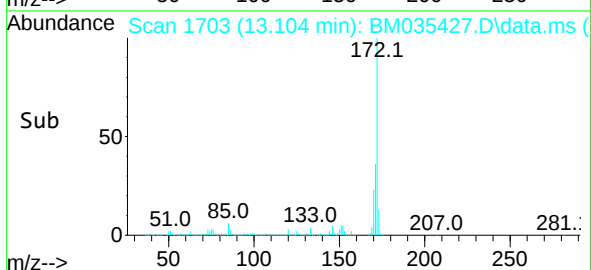
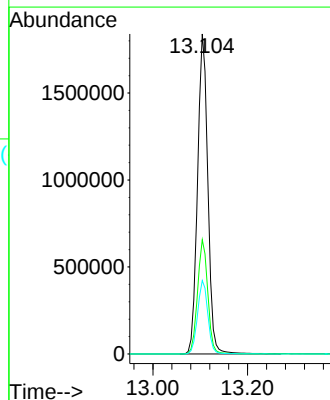
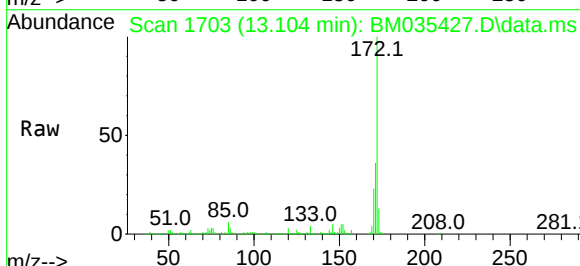
Tgt Ion:172 Resp: 2781529

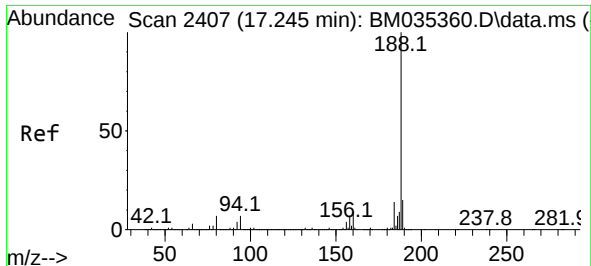
Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 23.0 18.7 28.1

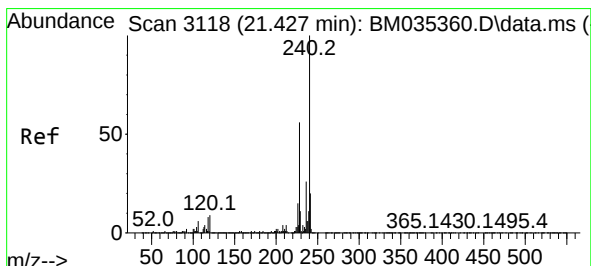
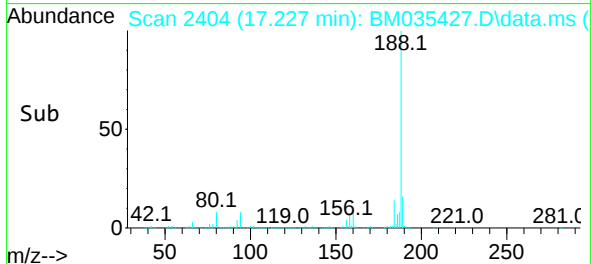
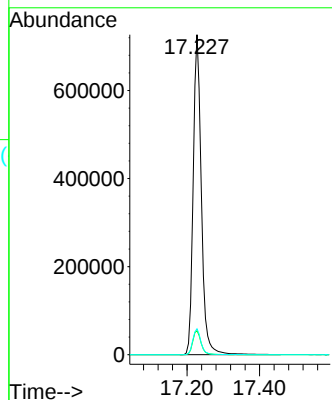
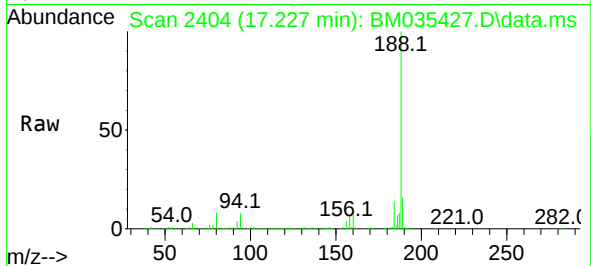




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2404
Delta R.T. -0.000 min
Lab File: BM035427.D
Acq: 08 Jun 2022 13:16

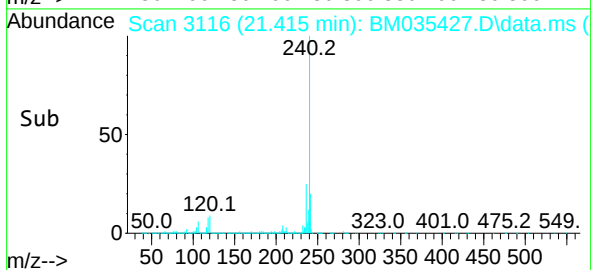
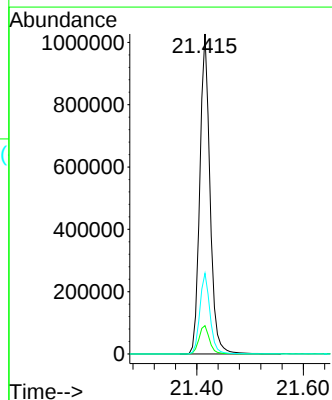
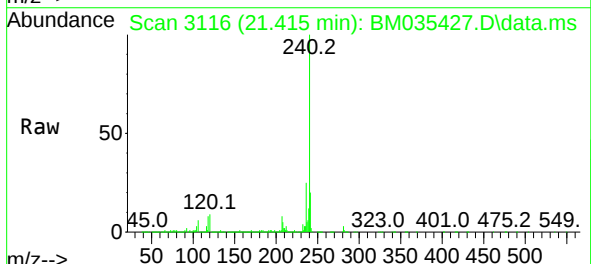
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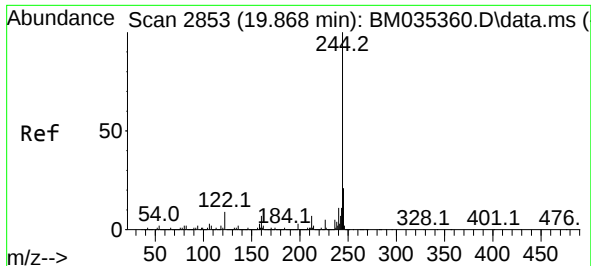
Tgt Ion:188 Resp: 1135316
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.4
80 8.1 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM035427.D
Acq: 08 Jun 2022 13:16

Tgt Ion:240 Resp: 1364325
Ion Ratio Lower Upper
240 100
120 8.9 9.4 14.0#
236 25.2 20.6 30.8

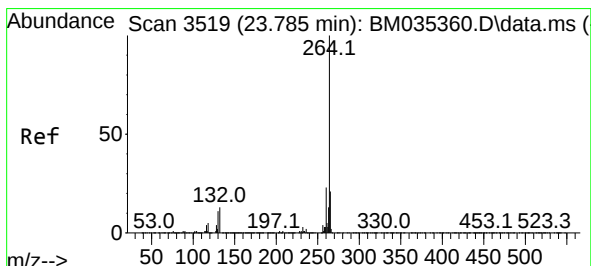
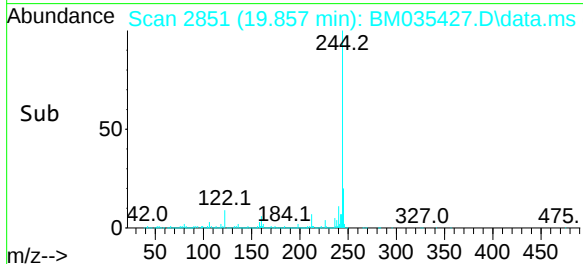
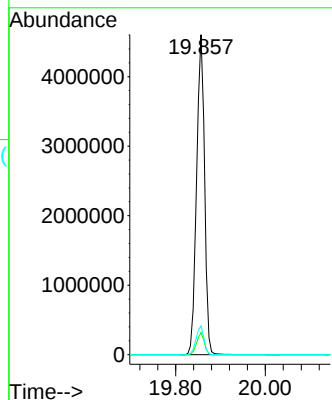
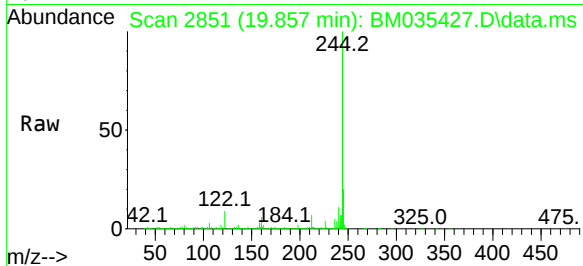




#79
 Terphenyl-d14
 Concen: 82.881 ng
 RT: 19.857 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM035427.D
 Acq: 08 Jun 2022 13:16

Instrument :
 BNA_M
 ClientSampleId :
 PB145400BL

Tgt Ion:244 Resp: 5675782
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.4
 122 9.0 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.768 min Scan# 3516
 Delta R.T. -0.006 min
 Lab File: BM035427.D
 Acq: 08 Jun 2022 13:16

Tgt Ion:264 Resp: 1478535
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.9 28.3
 265 22.2 17.5 26.3

