

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102922\
 Data File : BM037272.D
 Acq On : 29 Oct 2022 15:52
 Operator : CG/JU
 Sample : N5236-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LSP-GW-02

Quant Time: Oct 31 02:06:16 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)

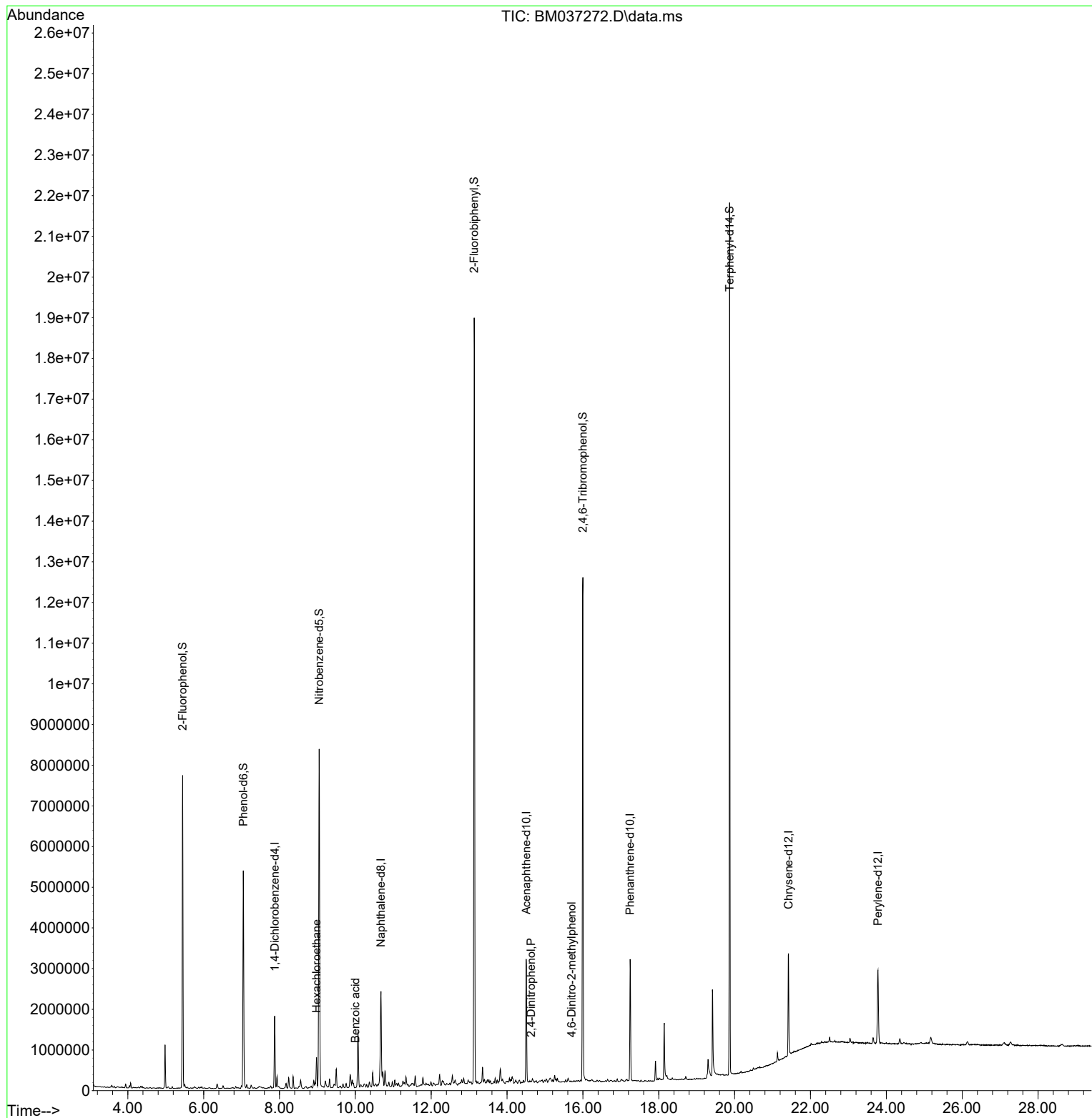
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	469894	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	1847818	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	1010881	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	1729959	20.000	ng	0.00
76) Chrysene-d12	21.421	240	1154159	20.000	ng	0.00
86) Perylene-d12	23.780	264	1295376	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	3125291	114.906	ng	0.00
7) Phenol-d6	7.046	99	2915361	78.976	ng	0.00
23) Nitrobenzene-d5	9.045	82	4448264	121.455	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	2328442	195.456	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	9409390	123.676	ng	0.00
79) Terphenyl-d14	19.868	244	9768138	151.772	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	8.975	117	124065	9.428	ng	# 1
32) Benzoic acid	10.004	122	145	6.983	ng	# 1
54) 2,4-Dinitrophenol	14.633	184	207	6.463	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.698	198	686	5.065	ng	# 1

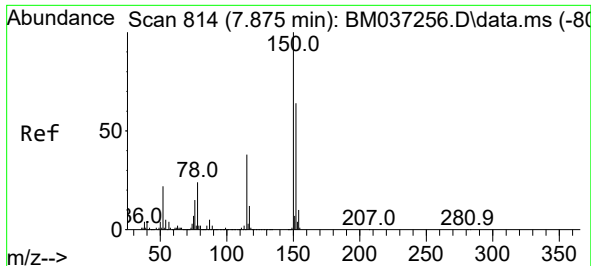
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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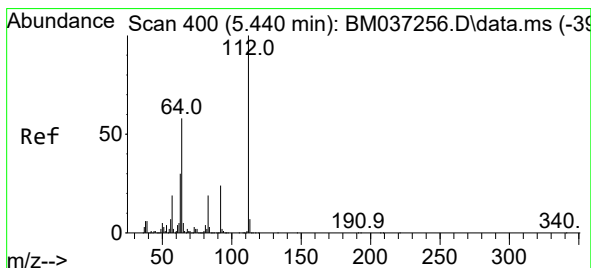
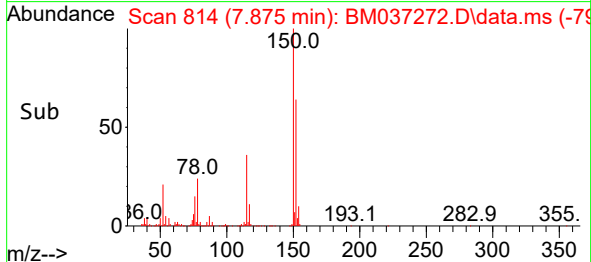
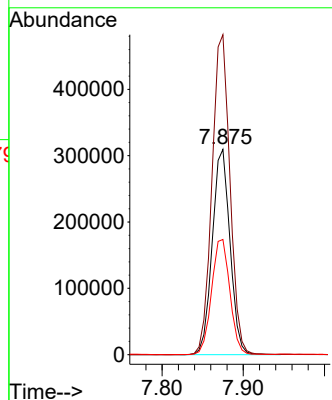
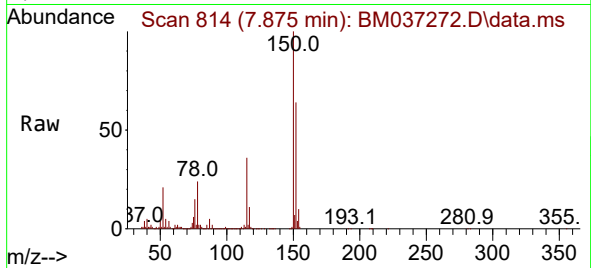




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BM037272.D
Acq: 29 Oct 2022 15:52

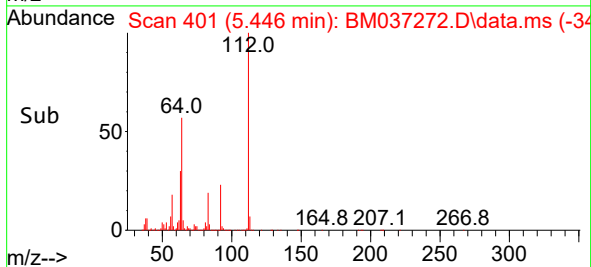
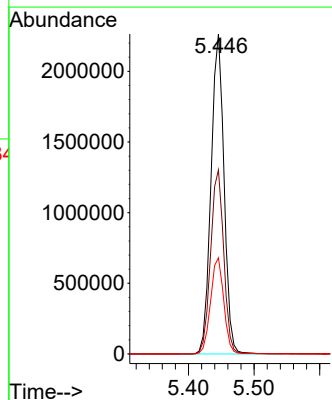
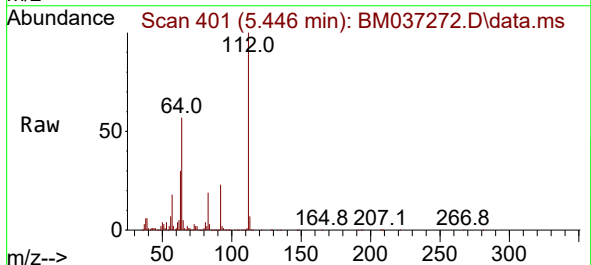
Instrument :
BNA_M
ClientSampleId :
LSP-GW-02

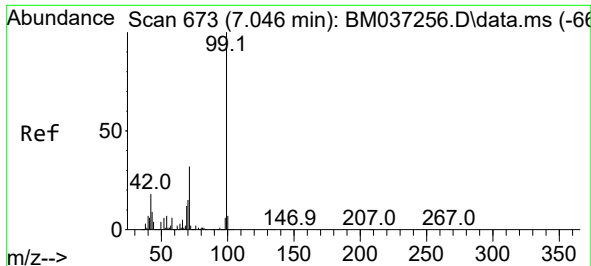
Tgt Ion:152 Resp: 469894
Ion Ratio Lower Upper
152 100
150 155.8 124.8 187.2
115 56.1 47.0 70.4



#5
2-Fluorophenol
Concen: 114.906 ng
RT: 5.446 min Scan# 401
Delta R.T. 0.006 min
Lab File: BM037272.D
Acq: 29 Oct 2022 15:52

Tgt Ion:112 Resp: 3125291
Ion Ratio Lower Upper
112 100
64 57.5 46.8 70.2
63 30.0 24.4 36.6

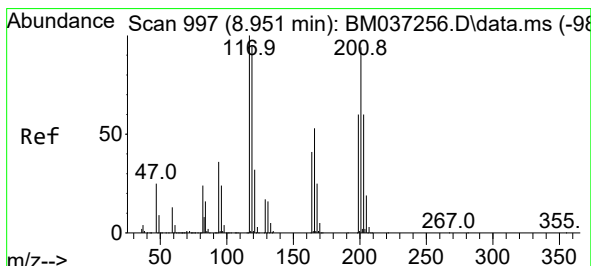
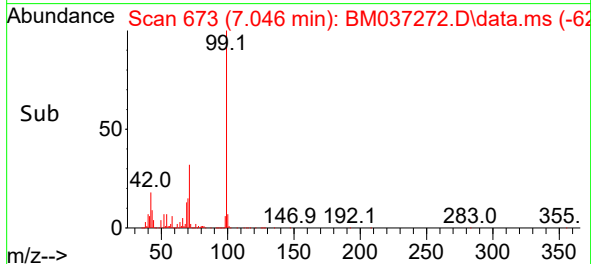
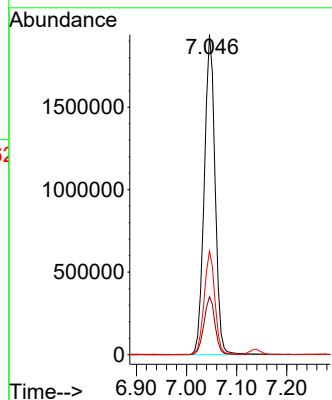
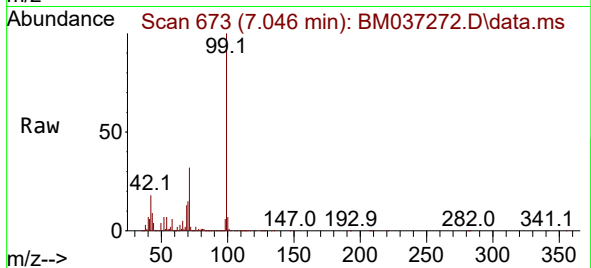




#7
Phenol-d6
Concen: 78.976 ng
RT: 7.046 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM037272.D
Acq: 29 Oct 2022 15:52

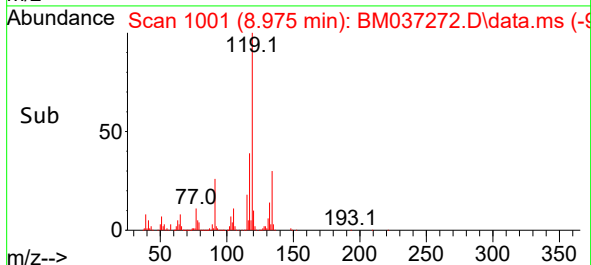
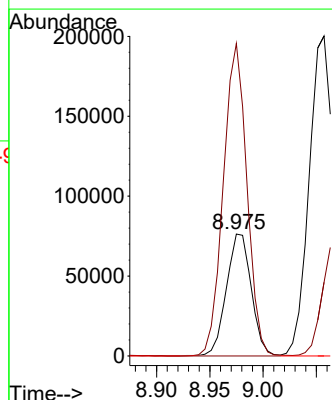
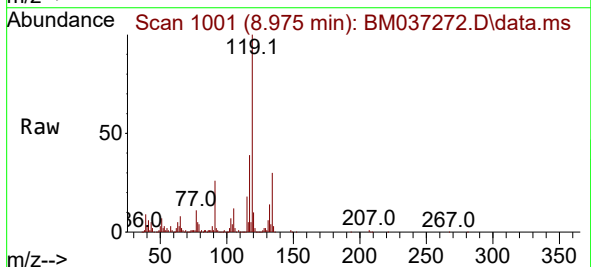
Instrument :
BNA_M
ClientSampleId :
LSP-GW-02

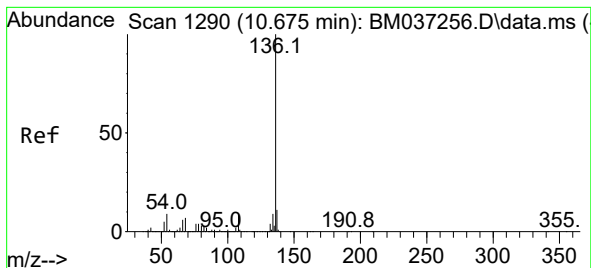
Tgt Ion: 99 Resp: 2915361
Ion Ratio Lower Upper
99 100
42 18.1 14.8 22.2
71 32.4 25.6 38.4



#18
Hexachloroethane
Concen: 9.428 ng
RT: 8.975 min Scan# 1001
Delta R.T. 0.023 min
Lab File: BM037272.D
Acq: 29 Oct 2022 15:52

Tgt Ion: 117 Resp: 124065
Ion Ratio Lower Upper
117 100
119 256.1 75.9 113.9#
201 0.0 75.0 112.4#



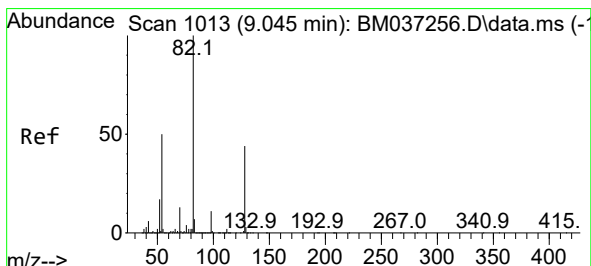
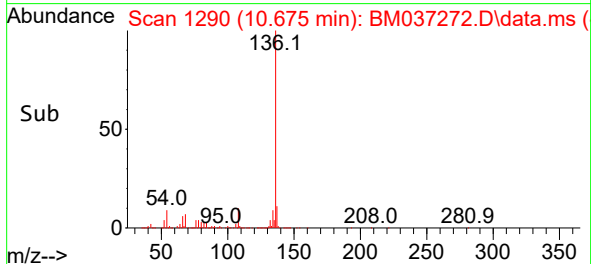
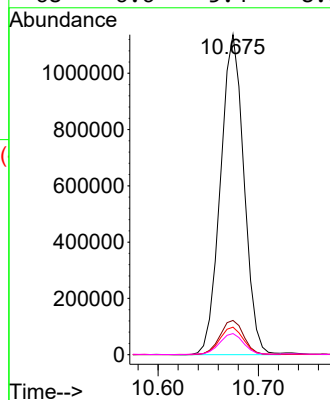
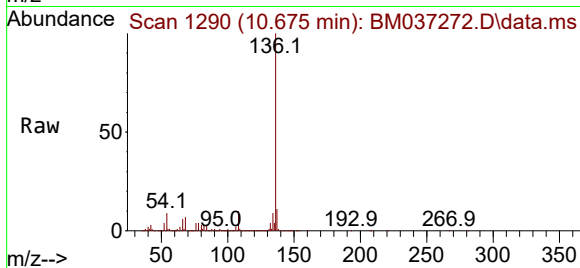


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BM037272.D
Acq: 29 Oct 2022 15:52

Instrument :
BNA_M
ClientSampleId :
LSP-GW-02

Tgt Ion:136 Resp: 1847818

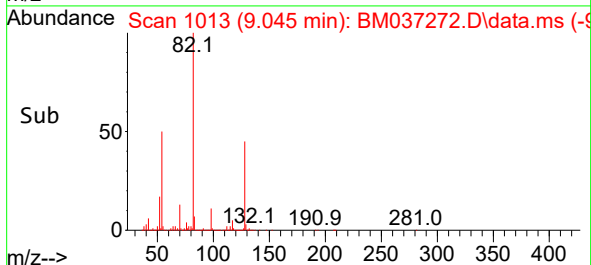
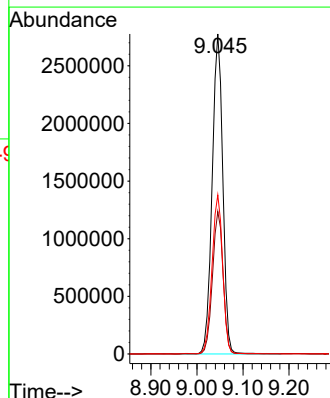
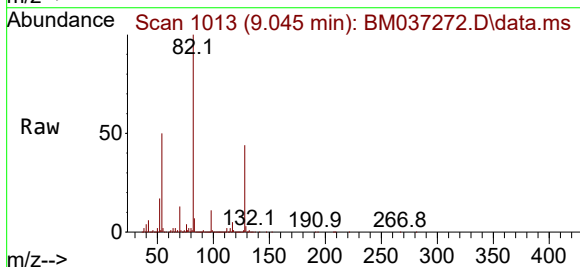
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	8.6	7.0	10.4
68	6.6	5.4	8.0

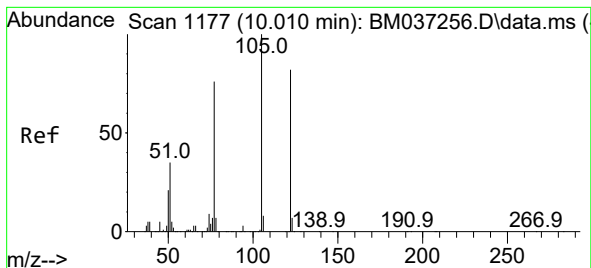


#23
Nitrobenzene-d5
Concen: 121.455 ng
RT: 9.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BM037272.D
Acq: 29 Oct 2022 15:52

Tgt Ion: 82 Resp: 4448264

Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.2	52.8
54	49.7	40.4	60.6





#32

Benzoic acid

Concen: 6.983 ng

RT: 10.004 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BM037272.D

Acq: 29 Oct 2022 15:52

Instrument :

BNA_M

ClientSampleId :

LSP-GW-02

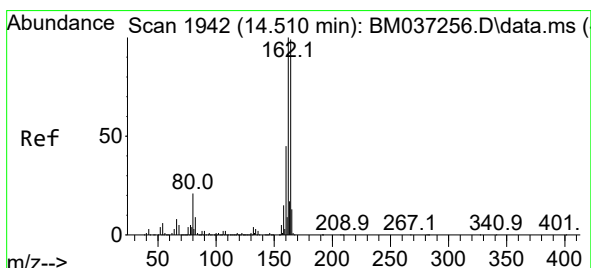
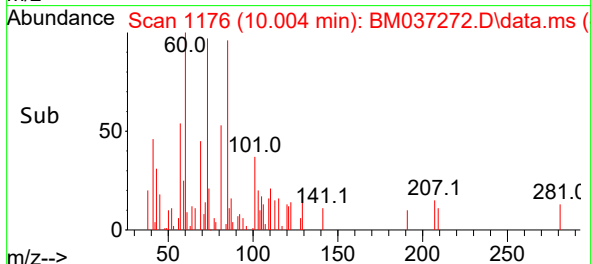
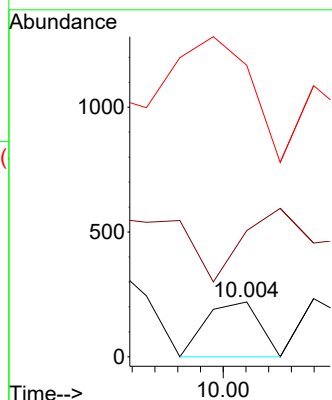
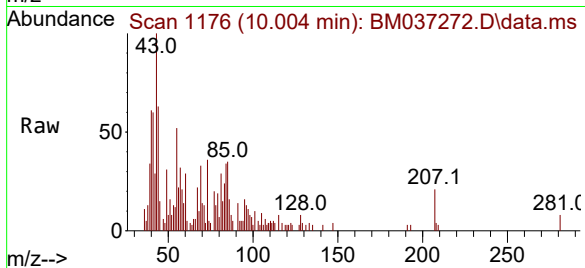
Tgt Ion:122 Resp: 145

Ion Ratio Lower Upper

122 100

105 230.0 100.1 140.1#

77 530.9 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: BM037272.D

Acq: 29 Oct 2022 15:52

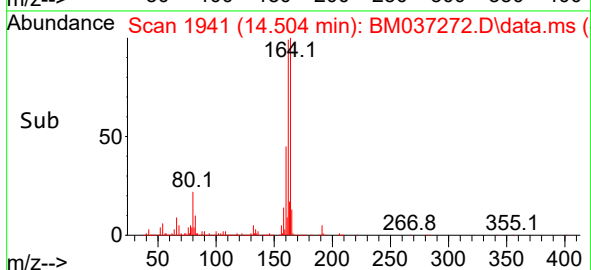
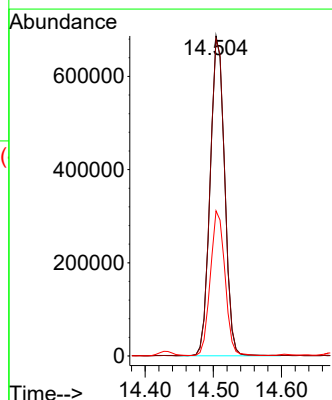
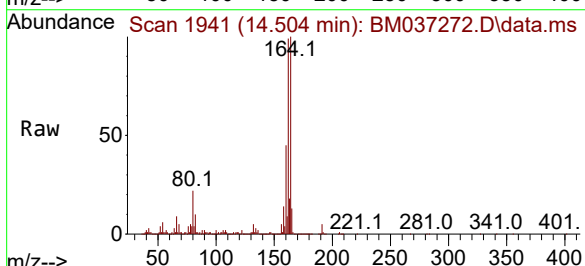
Tgt Ion:164 Resp: 1010881

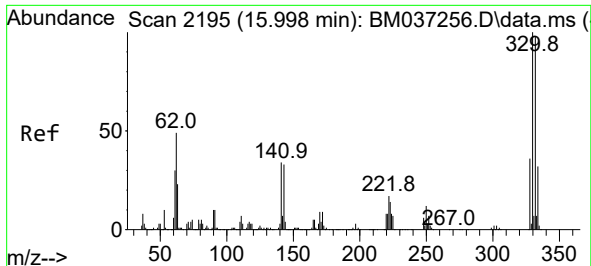
Ion Ratio Lower Upper

164 100

162 99.2 80.6 120.8

160 45.3 36.2 54.4

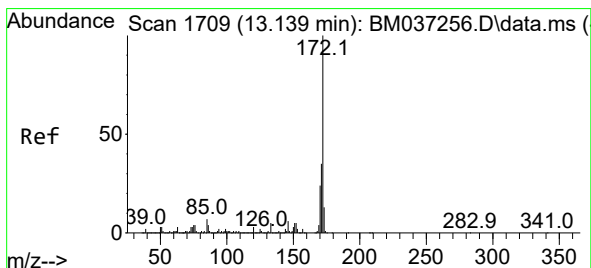
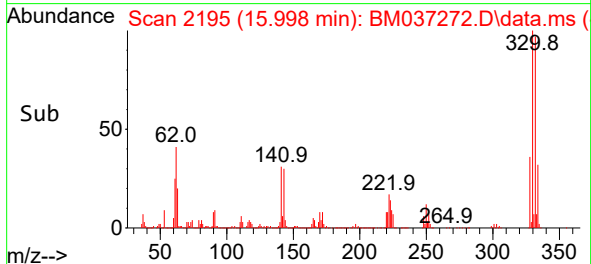
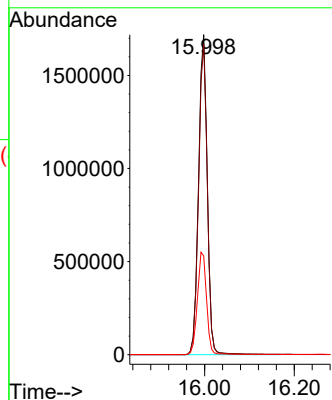
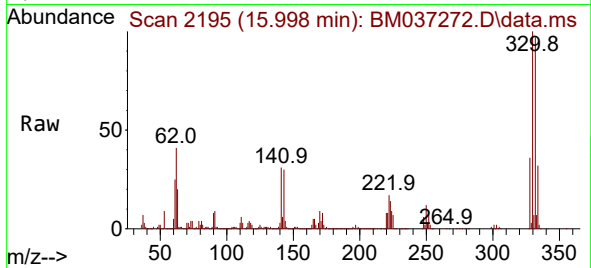




#42
2,4,6-Tribromophenol
Concen: 195.456 ng
RT: 15.998 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BM037272.D
Acq: 29 Oct 2022 15:52

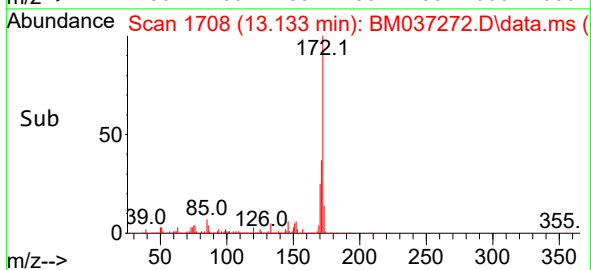
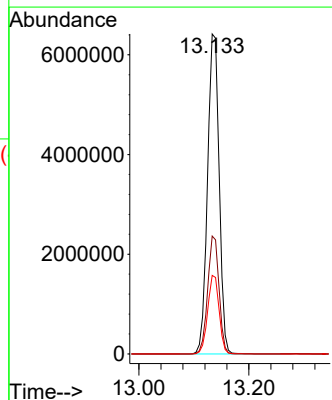
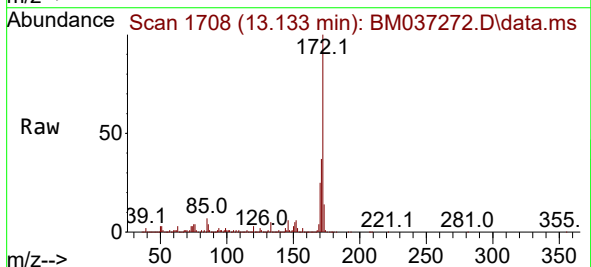
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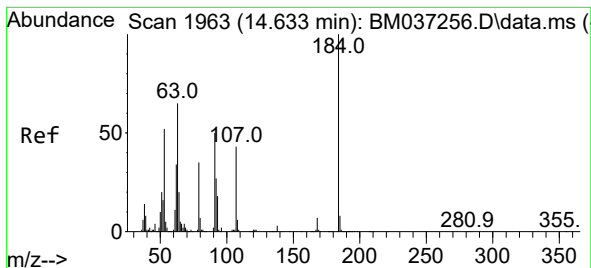
Tgt Ion:330 Resp: 2328442
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 33.4 27.5 41.3



#45
2-Fluorobiphenyl
Concen: 123.676 ng
RT: 13.133 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM037272.D
Acq: 29 Oct 2022 15:52

Tgt Ion:172 Resp: 9409390
Ion Ratio Lower Upper
172 100
171 36.8 28.1 42.1
170 24.5 19.0 28.4

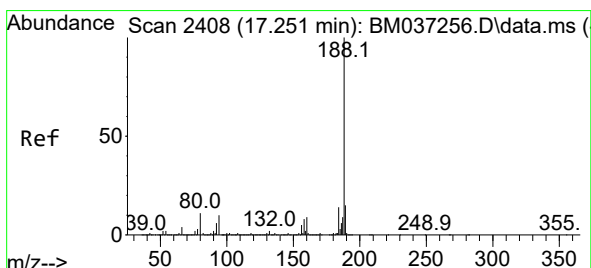
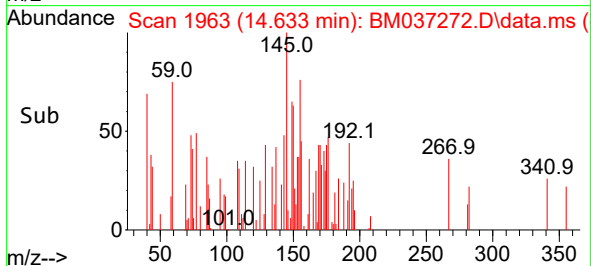
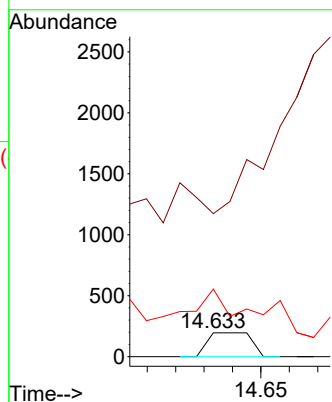
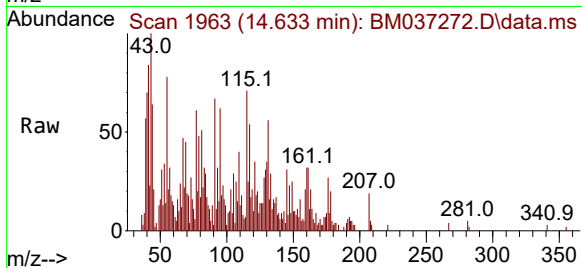




#54
2,4-Dinitrophenol
Concen: 6.463 ng
RT: 14.633 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM037272.D
Acq: 29 Oct 2022 15:52

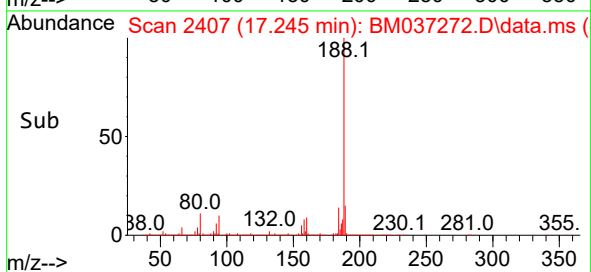
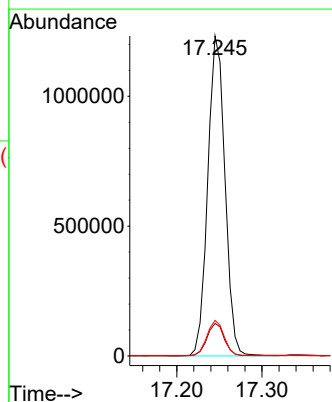
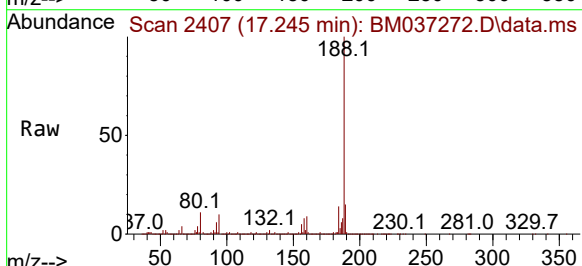
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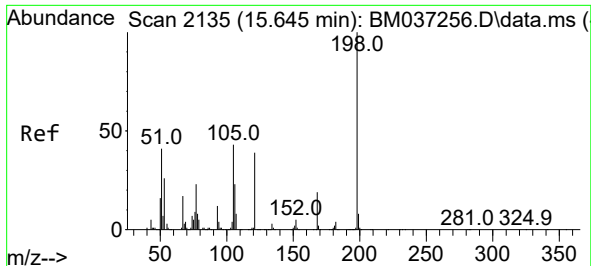
Tgt Ion:184 Resp: 207
Ion Ratio Lower Upper
184 100
63 598.5 57.7 86.5#
154 283.2 48.3 72.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM037272.D
Acq: 29 Oct 2022 15:52

Tgt Ion:188 Resp: 1729959
Ion Ratio Lower Upper
188 100
94 10.1 7.9 11.9
80 11.1 8.5 12.7

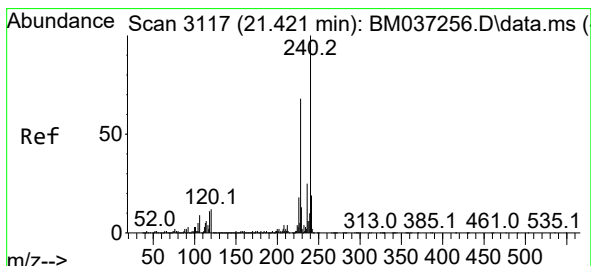
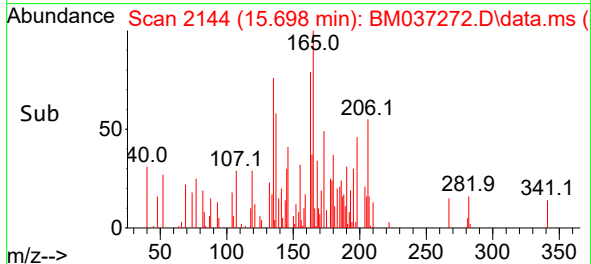
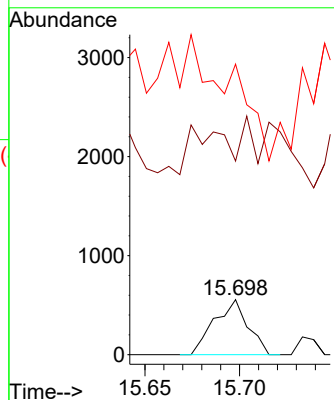
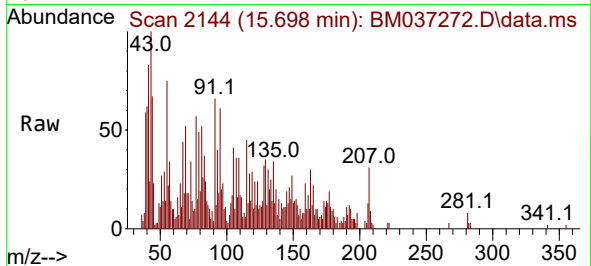




#65
4,6-Dinitro-2-methylphenol
Concen: 5.065 ng
RT: 15.698 min Scan# 2135
Delta R.T. 0.053 min
Lab File: BM037272.D
Acq: 29 Oct 2022 15:52

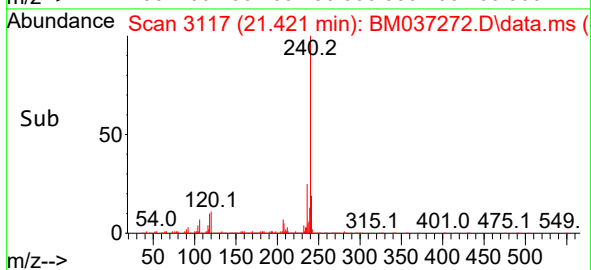
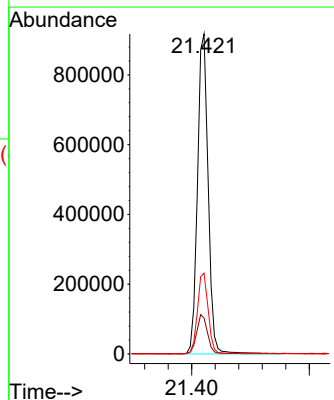
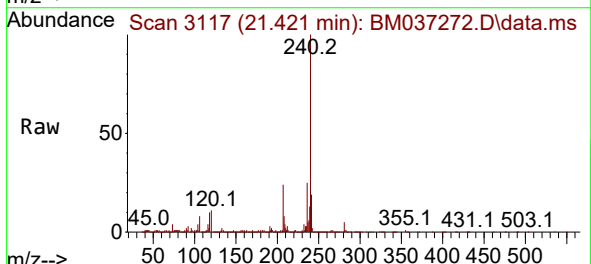
Instrument :
BNA_M
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LSP-GW-02

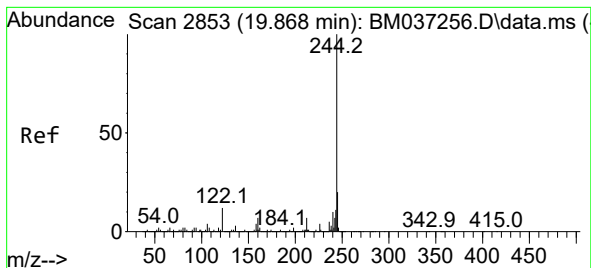
Tgt Ion:198 Resp: 686
Ion Ratio Lower Upper
198 100
51 351.4 26.8 66.8#
105 527.5 24.1 64.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BM037272.D
Acq: 29 Oct 2022 15:52

Tgt Ion:240 Resp: 1154159
Ion Ratio Lower Upper
240 100
120 11.3 9.9 14.9
236 25.3 20.3 30.5





#79

Terphenyl-d14

Concen: 151.772 ng

RT: 19.868 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM037272.D

Acq: 29 Oct 2022 15:52

Instrument :

BNA_M

ClientSampleId :

LSP-GW-02

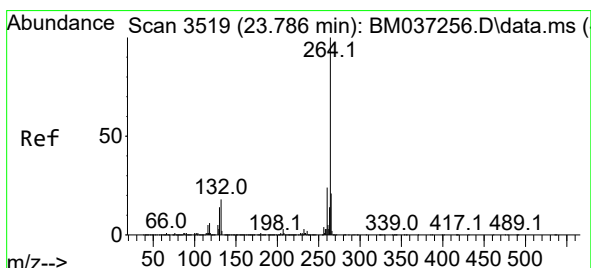
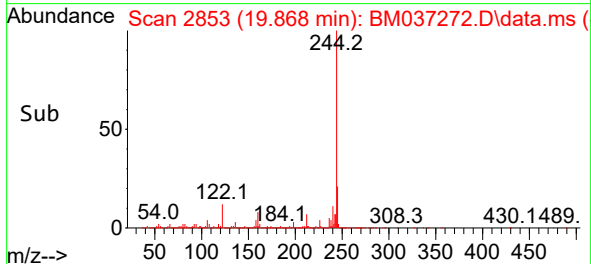
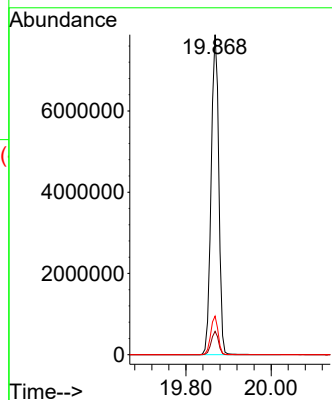
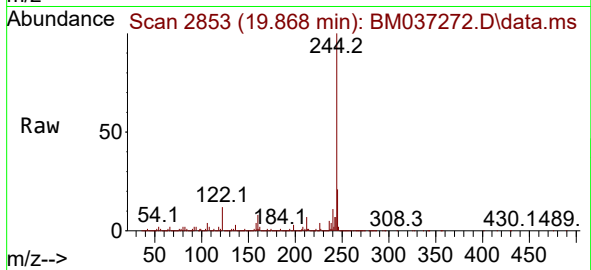
Tgt Ion:244 Resp: 9768138

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

122 12.1 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.780 min Scan# 3518

Delta R.T. -0.006 min

Lab File: BM037272.D

Acq: 29 Oct 2022 15:52

Tgt Ion:264 Resp: 1295376

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 22.3 17.7 26.5

