

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072222\
 Data File : BM035905.D
 Acq On : 22 Jul 2022 14:24
 Operator : CG/JU
 Sample : N3742-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-303-20220714

Quant Time: Jul 22 15:02:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 22 14:25:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	325419	20.000	ng	0.00
21) Naphthalene-d8	10.692	136	1268719	20.000	ng	0.00
39) Acenaphthene-d10	14.522	164	674018	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	1281844	20.000	ng	0.00
76) Chrysene-d12	21.439	240	1150240	20.000	ng	0.00
86) Perylene-d12	23.809	264	1162818	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1111361	52.945	ng	0.00
7) Phenol-d6	7.051	99	764996	28.982	ng	0.00
23) Nitrobenzene-d5	9.057	82	2109074	88.909	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	1036045	137.420	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	4217730	88.452	ng	0.00
79) Terphenyl-d14	19.886	244	6027808	101.962	ng	0.00

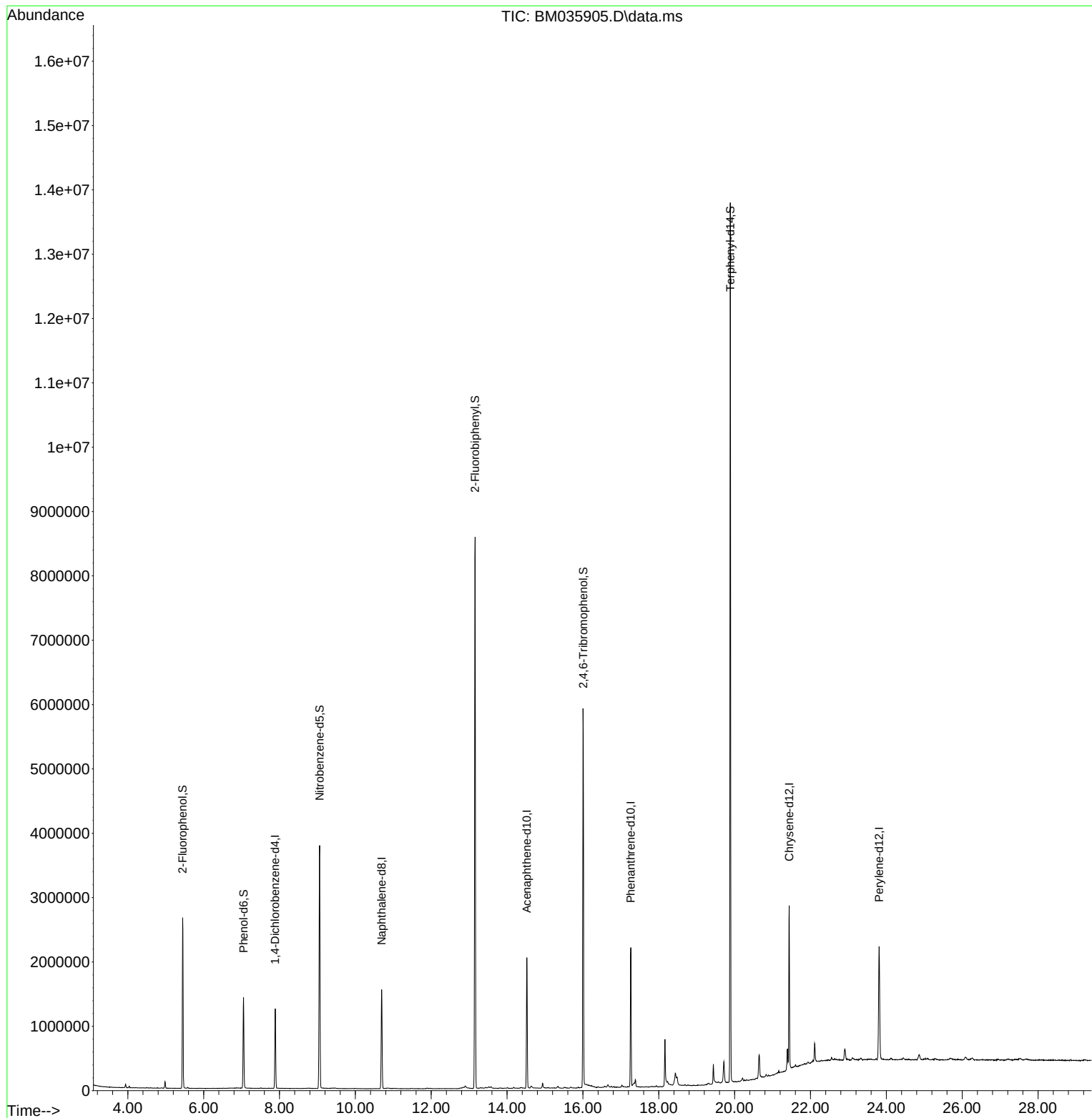
Target Compounds	Qvalue

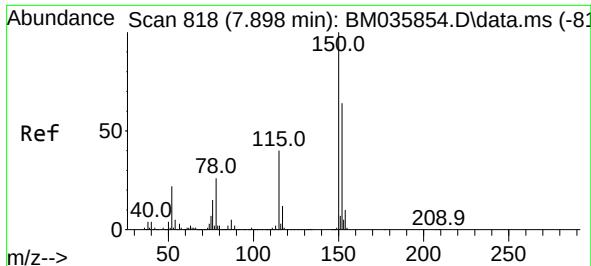
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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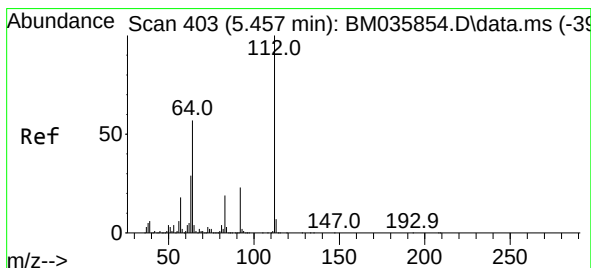
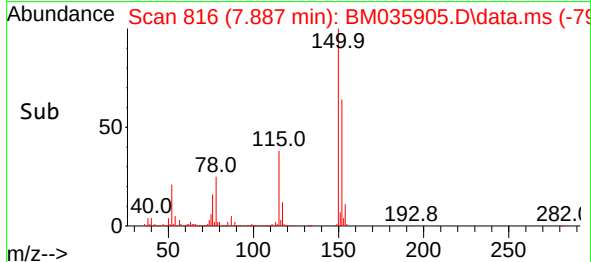
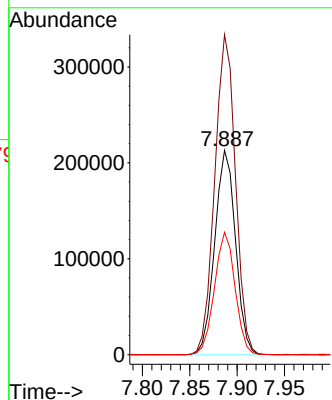
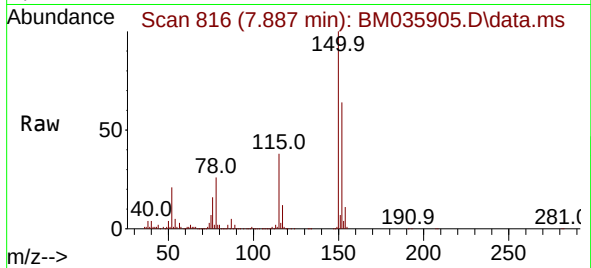




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.887 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM035905.D
Acq: 22 Jul 2022 14:24

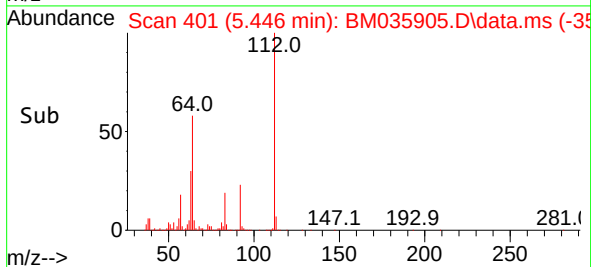
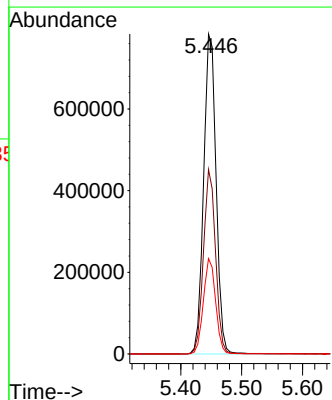
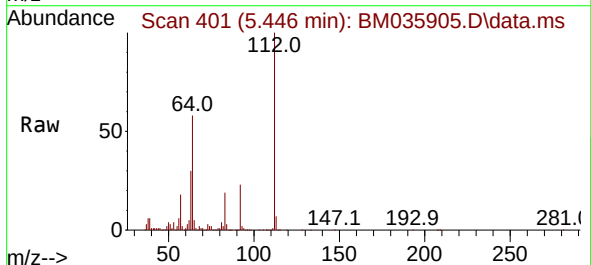
Instrument :
BNA_M
ClientSampleId :
SP-303-20220714

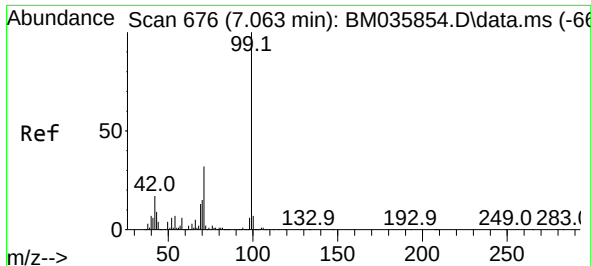
Tgt Ion:152 Resp: 325419
Ion Ratio Lower Upper
152 100
150 156.6 124.9 187.3
115 59.9 47.9 71.9



#5
2-Fluorophenol
Concen: 52.945 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.000 min
Lab File: BM035905.D
Acq: 22 Jul 2022 14:24

Tgt Ion:112 Resp: 1111361
Ion Ratio Lower Upper
112 100
64 57.6 47.8 71.6
63 29.8 26.6 40.0

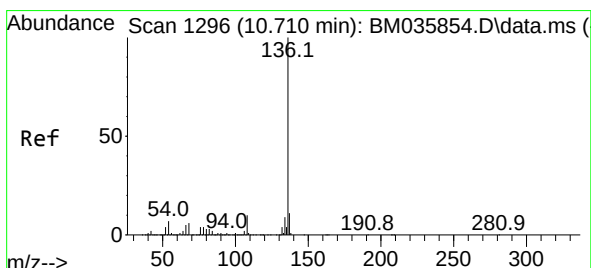
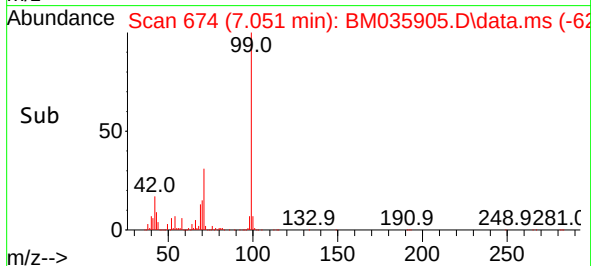
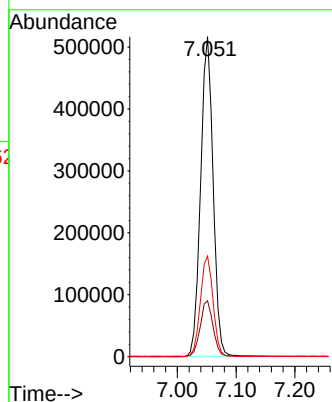
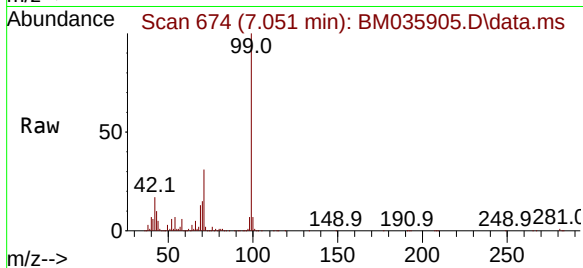




#7
Phenol-d6
Concen: 28.982 ng
RT: 7.051 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM035905.D
Acq: 22 Jul 2022 14:24

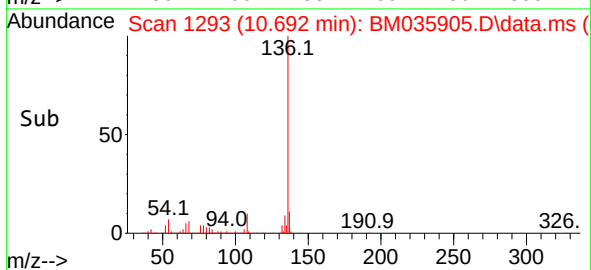
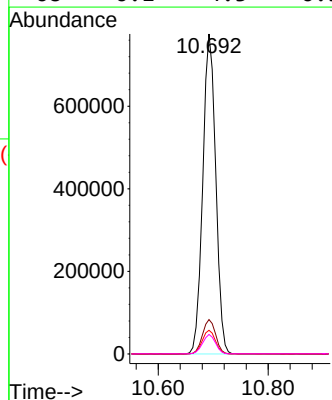
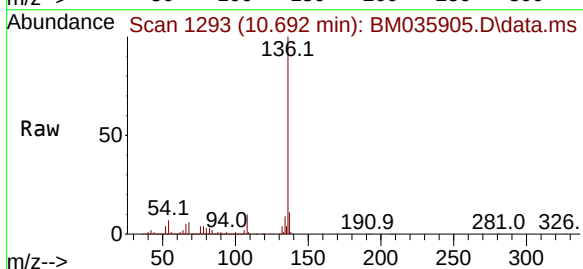
Instrument :
BNA_M
ClientSampleId :
SP-303-20220714

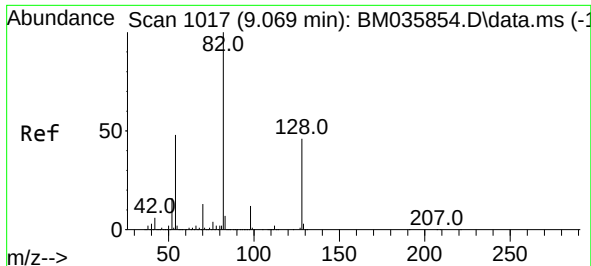
Tgt Ion: 99 Resp: 764996
Ion Ratio Lower Upper
99 100
42 17.4 18.8 28.2#
71 31.4 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.692 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BM035905.D
Acq: 22 Jul 2022 14:24

Tgt Ion: 136 Resp: 1268719
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.4 7.0 10.4
68 6.1 4.3 6.5





#23

Nitrobenzene-d5

Concen: 88.909 ng

RT: 9.057 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM035905.D

Acq: 22 Jul 2022 14:24

Instrument :

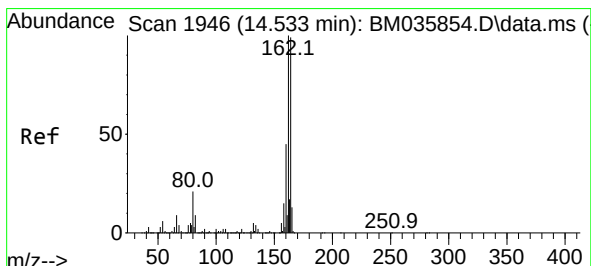
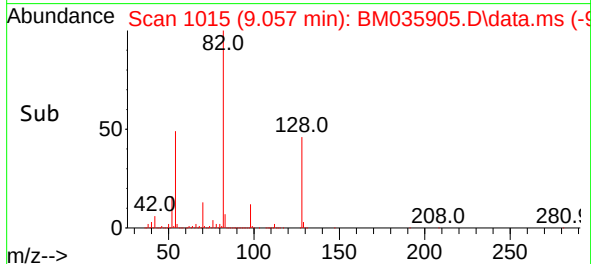
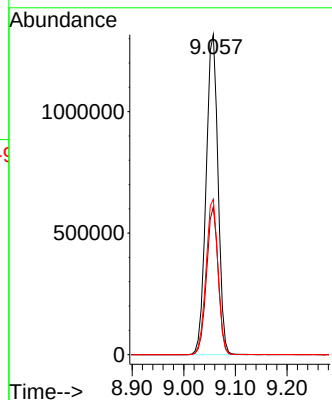
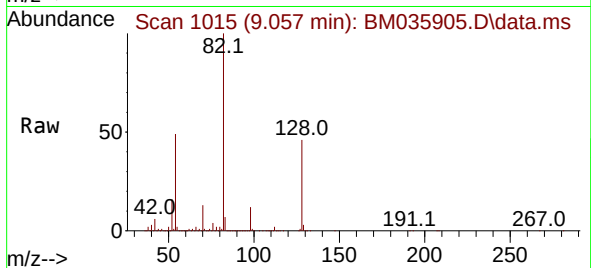
BNA_M

ClientSampleId :

SP-303-20220714

Tgt Ion: 82 Resp: 2109074

Ion	Ratio	Lower	Upper
82	100		
128	46.2	33.7	50.5
54	48.6	43.2	64.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.522 min Scan# 1944

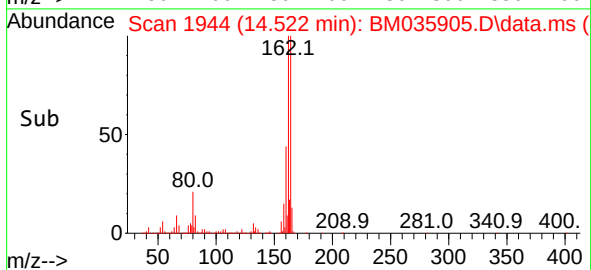
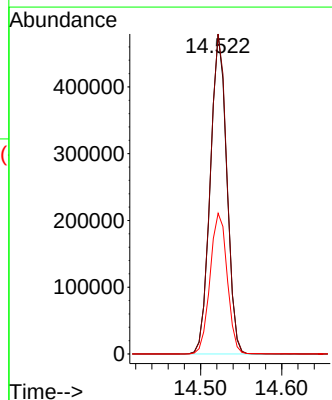
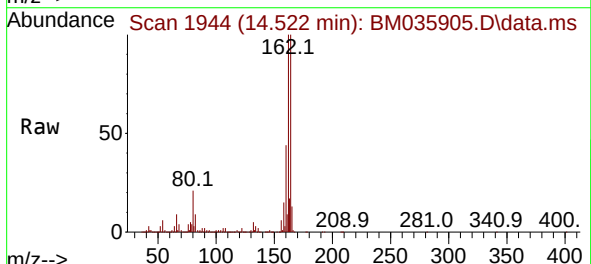
Delta R.T. -0.000 min

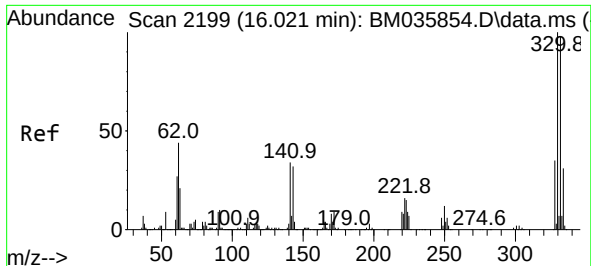
Lab File: BM035905.D

Acq: 22 Jul 2022 14:24

Tgt Ion: 164 Resp: 674018

Ion	Ratio	Lower	Upper
164	100		
162	100.1	83.0	124.6
160	44.0	37.0	55.4





#42

2,4,6-Tribromophenol

Concen: 137.420 ng

RT: 16.010 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM035905.D

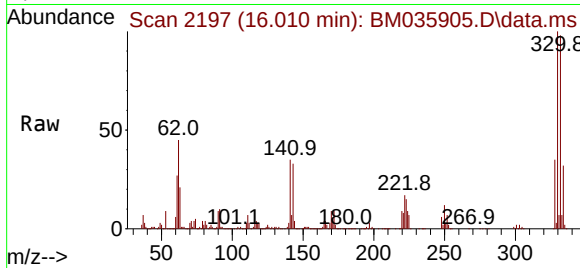
Acq: 22 Jul 2022 14:24

Instrument :

BNA_M

ClientSampleId :

SP-303-20220714



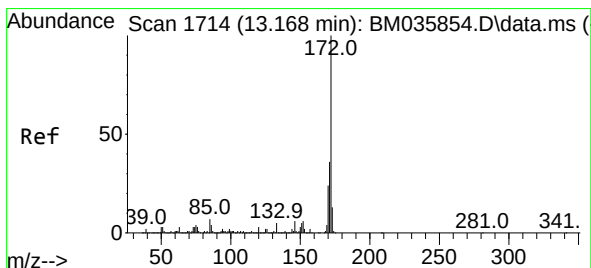
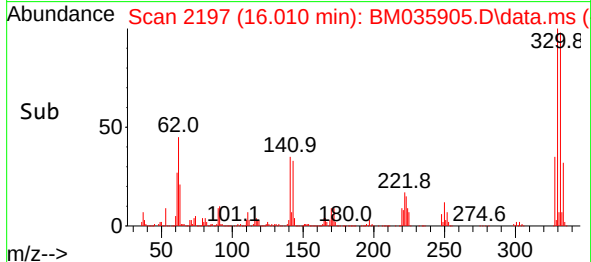
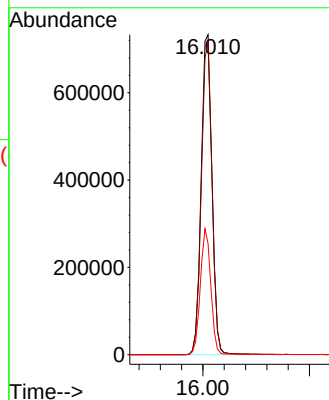
Tgt Ion:330 Resp: 1036045

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.4

141 38.2 35.3 52.9



#45

2-Fluorobiphenyl

Concen: 88.452 ng

RT: 13.157 min Scan# 1712

Delta R.T. -0.000 min

Lab File: BM035905.D

Acq: 22 Jul 2022 14:24

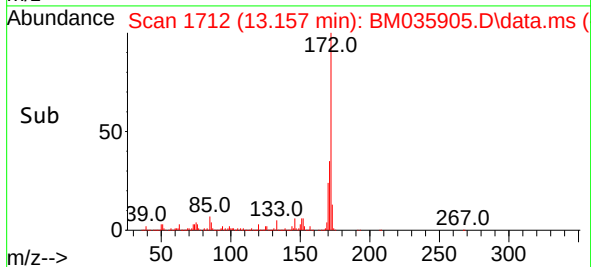
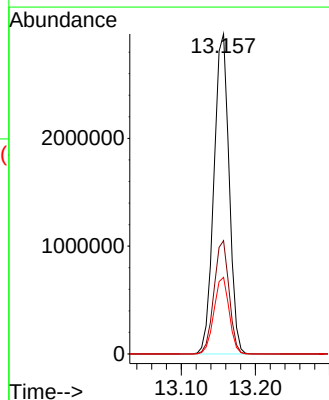
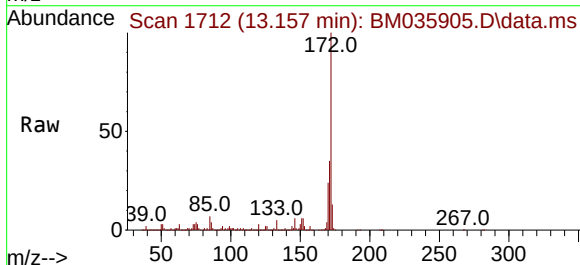
Tgt Ion:172 Resp: 4217730

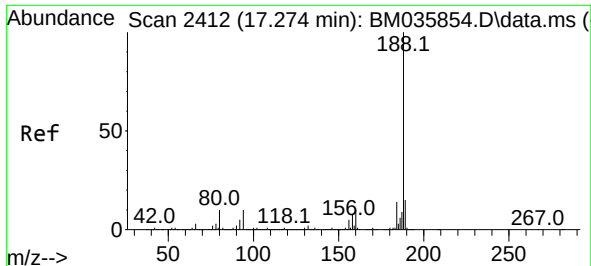
Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 23.9 18.7 28.1

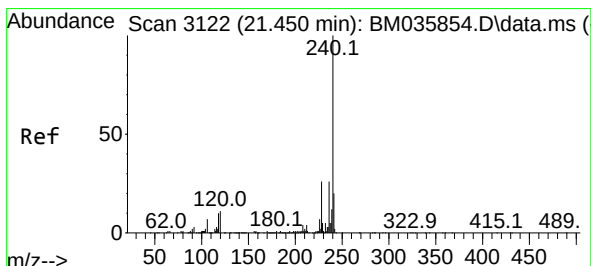
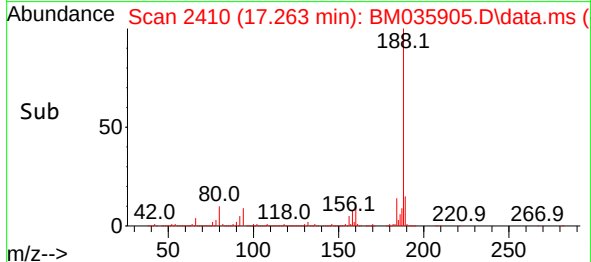
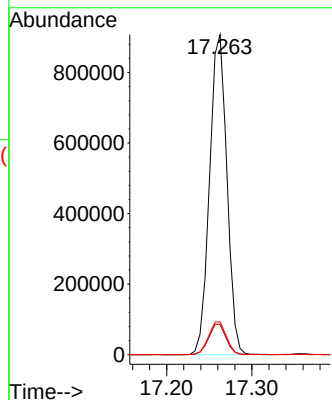
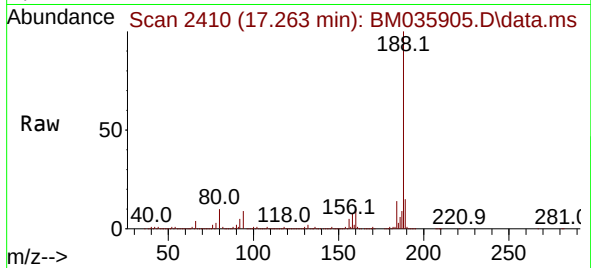




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2412
Delta R.T. -0.000 min
Lab File: BM035905.D
Acq: 22 Jul 2022 14:24

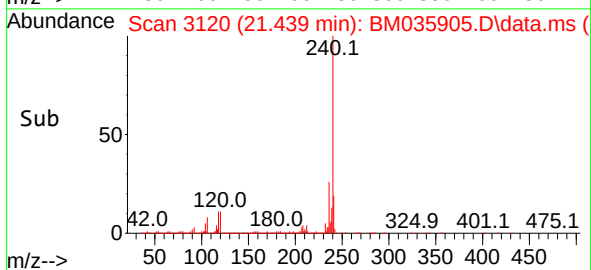
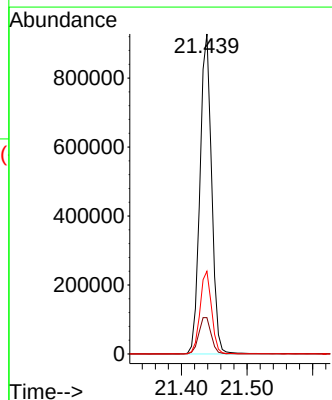
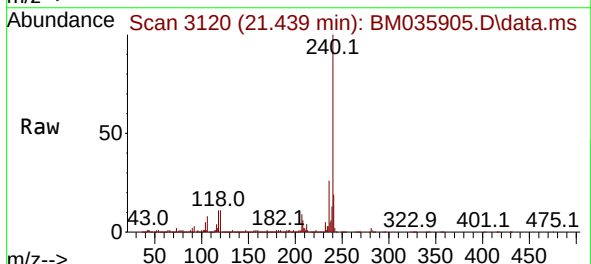
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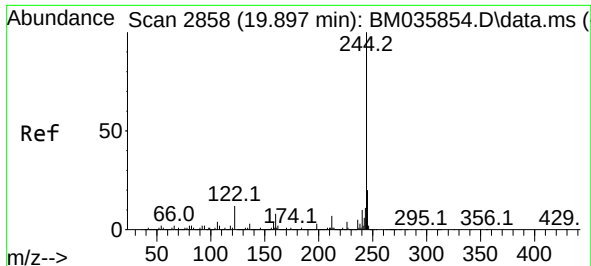
Tgt Ion:188 Resp: 1281844
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.4
80 10.2 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BM035905.D
Acq: 22 Jul 2022 14:24

Tgt Ion:240 Resp: 1150240
Ion Ratio Lower Upper
240 100
120 11.4 9.4 14.0
236 25.9 20.6 30.8

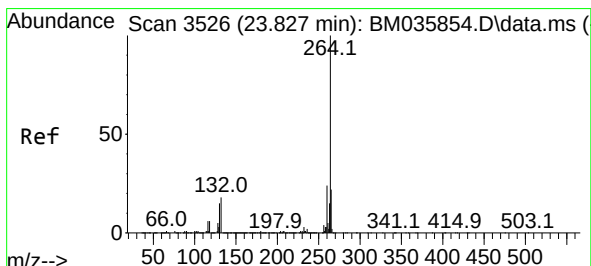
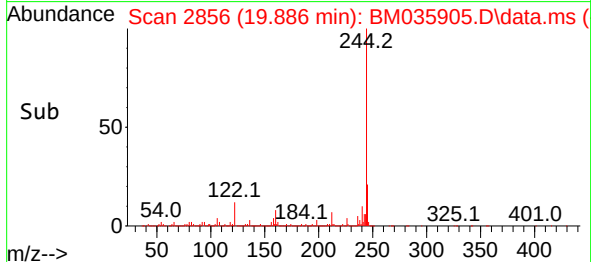
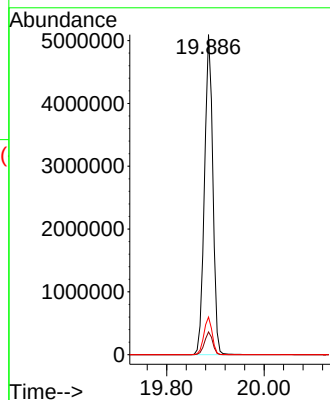
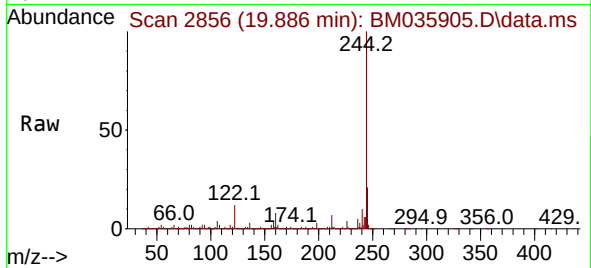




#79
 Terphenyl-d14
 Concen: 101.962 ng
 RT: 19.886 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM035905.D
 Acq: 22 Jul 2022 14:24

Instrument :
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Tgt Ion:244 Resp: 6027808
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.4
 122 11.8 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.809 min Scan# 3523
 Delta R.T. -0.000 min
 Lab File: BM035905.D
 Acq: 22 Jul 2022 14:24

Tgt Ion:264 Resp: 1162818
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 21.7 17.5 26.3

