

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103122\
 Data File : BM037286.D
 Acq On : 31 Oct 2022 12:40
 Operator : CG/JU
 Sample : N5318-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 20221107-COMP-06

Quant Time: Nov 01 05:01:00 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)

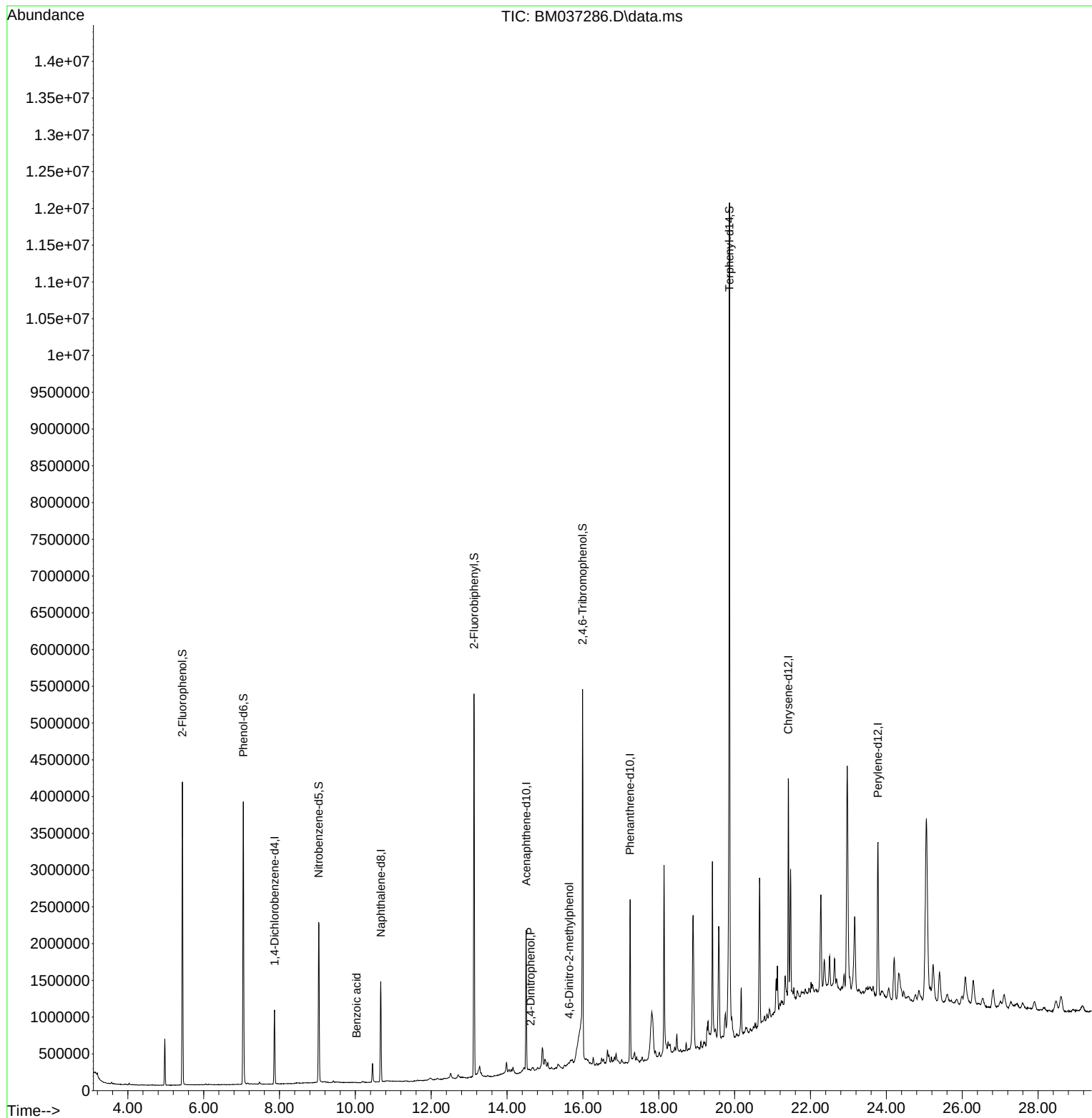
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	273184	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	1096802	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	627333	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	1275303	20.000	ng	0.00
76) Chrysene-d12	21.415	240	1381695	20.000	ng	0.00
86) Perylene-d12	23.780	264	1512260	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1663397	105.195	ng	0.00
7) Phenol-d6	7.045	99	2131636	99.326	ng	0.00
23) Nitrobenzene-d5	9.034	82	1236022	56.857	ng	-0.01
42) 2,4,6-Tribromophenol	15.992	330	811644	109.787	ng	0.00
45) 2-Fluorobiphenyl	13.127	172	2551548	54.042	ng	-0.01
79) Terphenyl-d14	19.862	244	3861918	50.123	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.033	122	264	6.994	ng	# 30
54) 2,4-Dinitrophenol	14.621	184	136	6.464	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.639	198	461	5.060	ng	# 1

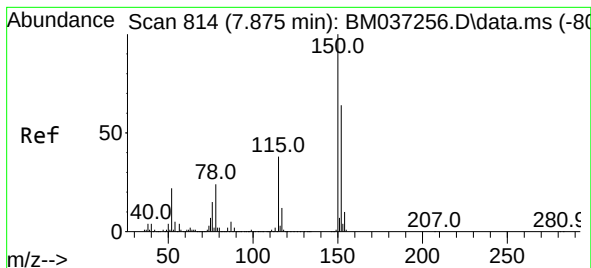
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

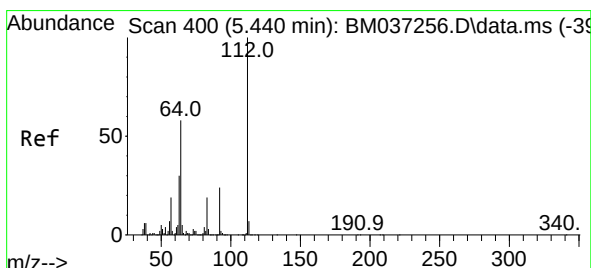
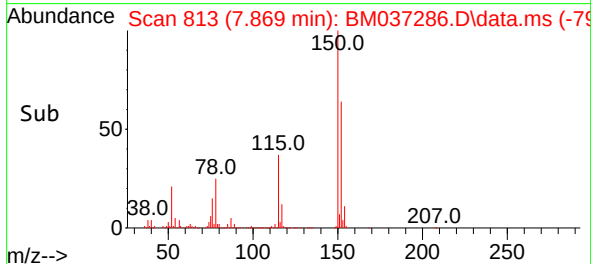
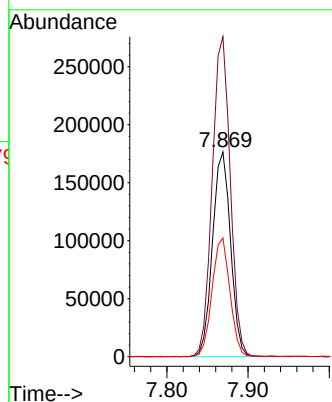
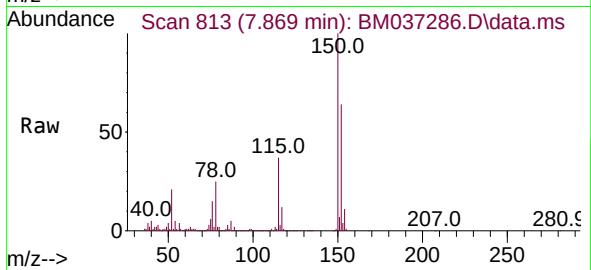




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 814
Delta R.T. -0.006 min
Lab File: BM037286.D
Acq: 31 Oct 2022 12:40

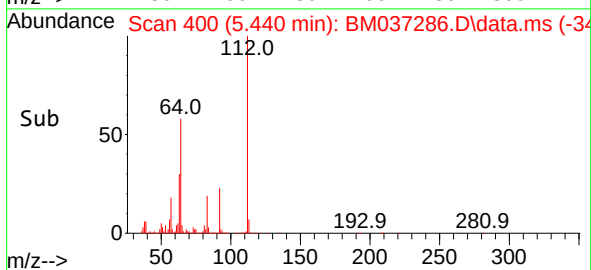
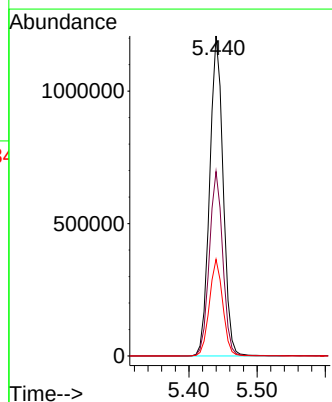
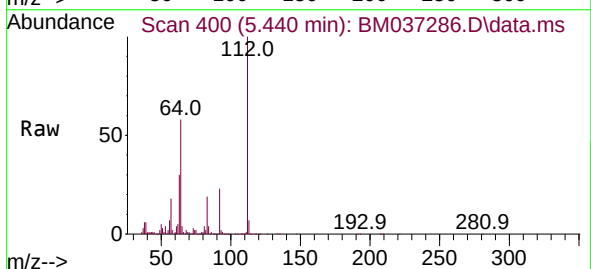
Instrument :
BNA_M
ClientSampleId :
20221107-COMP-06

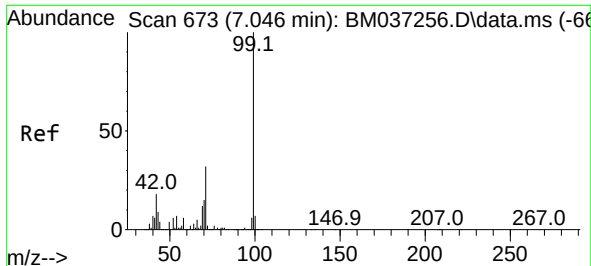
Tgt Ion:152 Resp: 273184
Ion Ratio Lower Upper
152 100
150 156.2 124.8 187.2
115 57.9 47.0 70.4



#5
2-Fluorophenol
Concen: 105.195 ng
RT: 5.440 min Scan# 400
Delta R.T. -0.000 min
Lab File: BM037286.D
Acq: 31 Oct 2022 12:40

Tgt Ion:112 Resp: 1663397
Ion Ratio Lower Upper
112 100
64 57.7 46.8 70.2
63 30.2 24.4 36.6

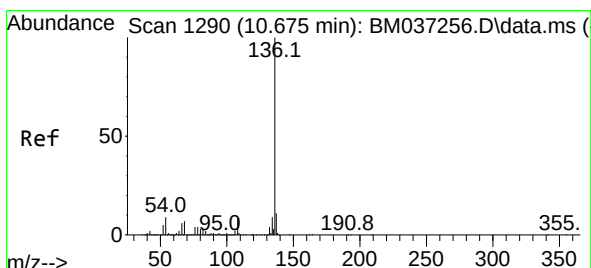
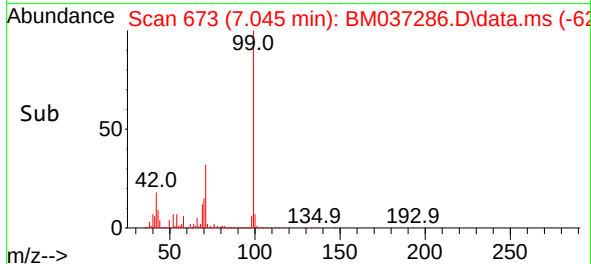
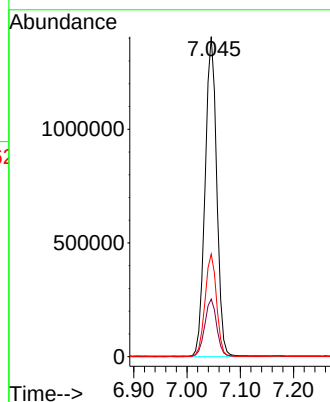
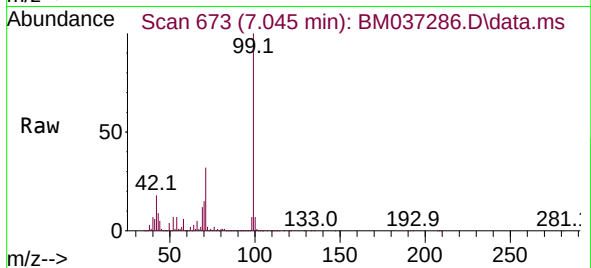




#7
Phenol-d6
Concen: 99.326 ng
RT: 7.045 min Scan# 61
Delta R.T. -0.001 min
Lab File: BM037286.D
Acq: 31 Oct 2022 12:40

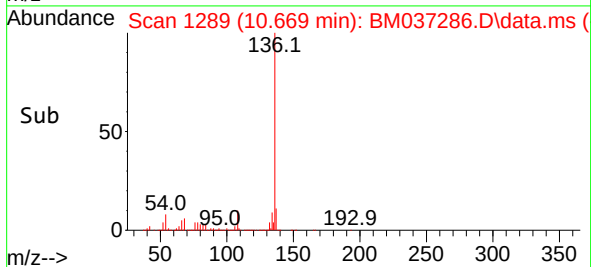
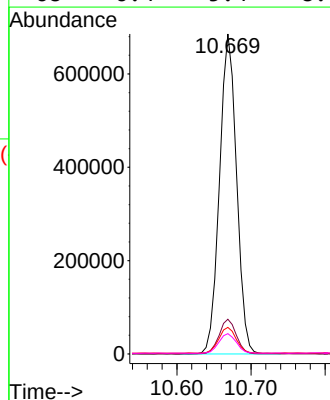
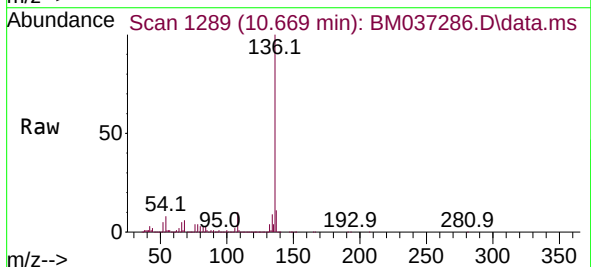
Instrument :
BNA_M
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20221107-COMP-06

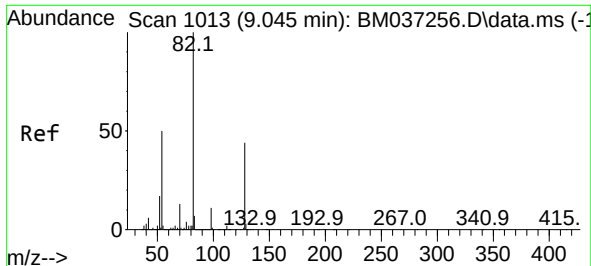
Tgt Ion: 99 Resp: 2131636
Ion Ratio Lower Upper
99 100
42 18.0 14.8 22.2
71 32.1 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM037286.D
Acq: 31 Oct 2022 12:40

Tgt Ion: 136 Resp: 1096802
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.3 7.0 10.4
68 6.4 5.4 8.0

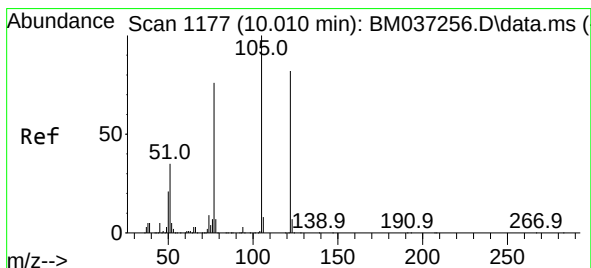
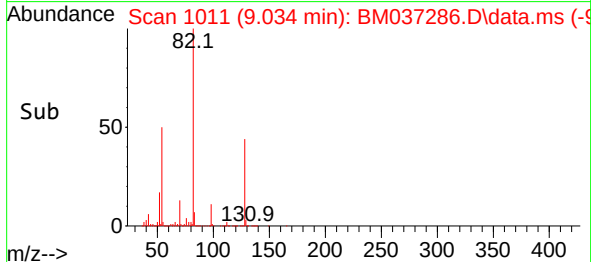
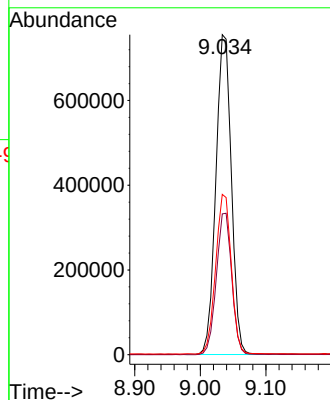
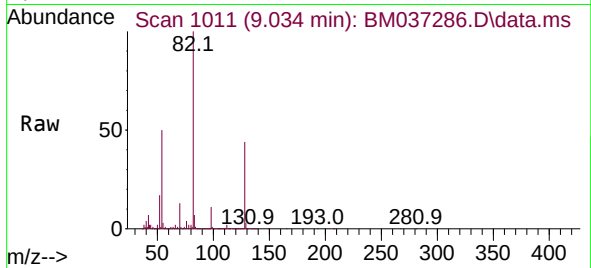




#23
Nitrobenzene-d5
Concen: 56.857 ng
RT: 9.034 min Scan# 1013
Delta R.T. -0.011 min
Lab File: BM037286.D
Acq: 31 Oct 2022 12:40

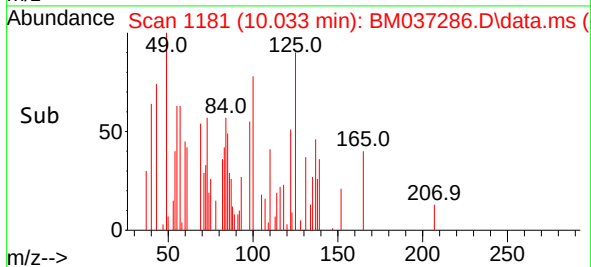
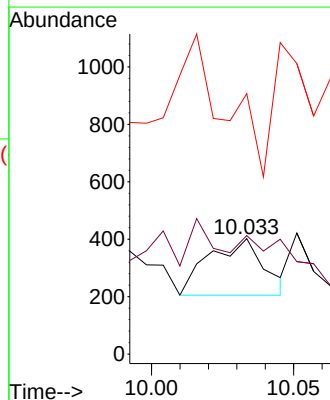
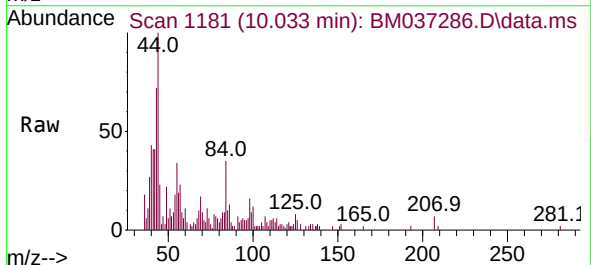
Instrument :
BNA_M
ClientSampleId :
20221107-COMP-06

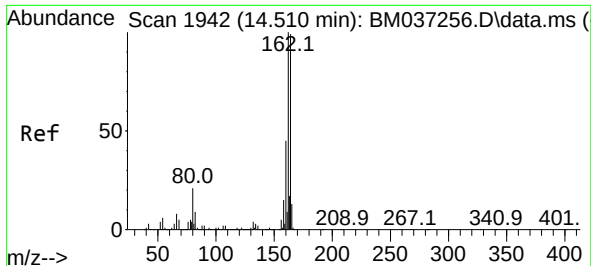
Tgt Ion: 82 Resp: 1236022
Ion Ratio Lower Upper
82 100
128 44.0 35.2 52.8
54 50.1 40.4 60.6



#32
Benzoic acid
Concen: 6.994 ng
RT: 10.033 min Scan# 1181
Delta R.T. 0.023 min
Lab File: BM037286.D
Acq: 31 Oct 2022 12:40

Tgt Ion:122 Resp: 264
Ion Ratio Lower Upper
122 100
105 102.7 100.1 140.1
77 225.6 71.7 111.7#

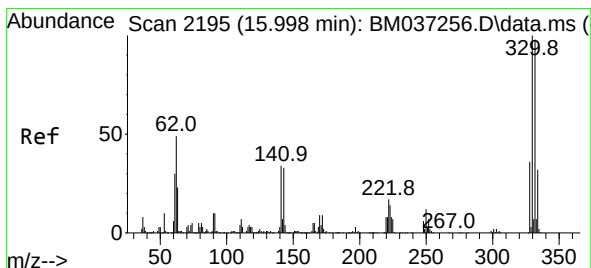
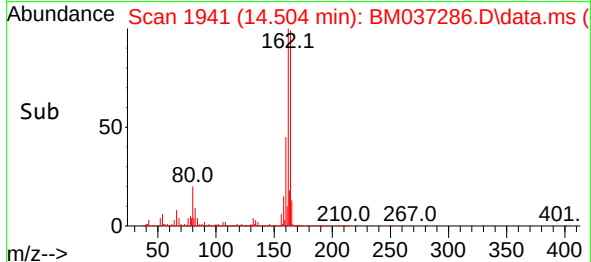
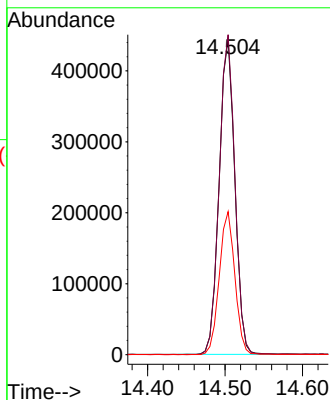
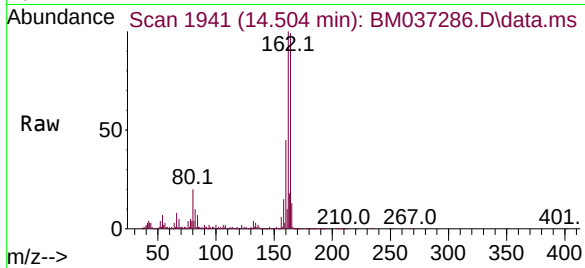




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BM037286.D
Acq: 31 Oct 2022 12:40

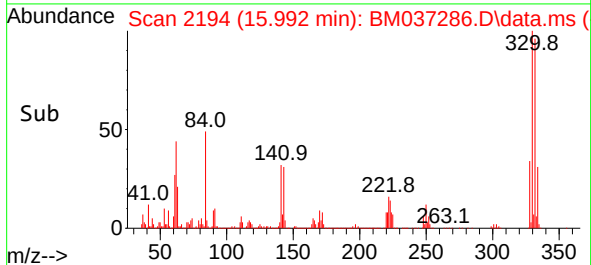
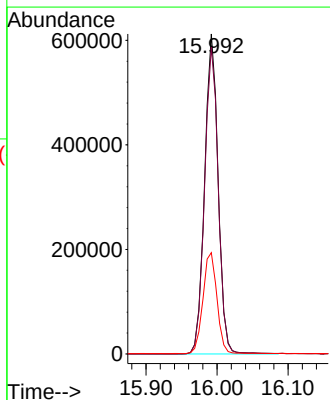
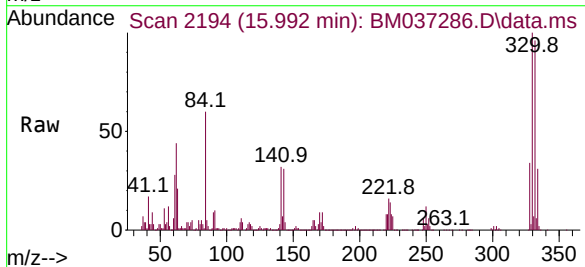
Instrument :
BNA_M
ClientSampleId :
20221107-COMP-06

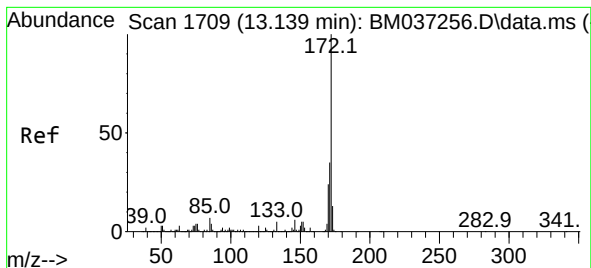
Tgt Ion:164 Resp: 627333
Ion Ratio Lower Upper
164 100
162 101.4 80.6 120.8
160 45.3 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 109.787 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BM037286.D
Acq: 31 Oct 2022 12:40

Tgt Ion:330 Resp: 811644
Ion Ratio Lower Upper
330 100
332 97.2 78.0 117.0
141 32.6 27.5 41.3





#45

2-Fluorobiphenyl

Concen: 54.042 ng

RT: 13.127 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM037286.D

Acq: 31 Oct 2022 12:40

Instrument :

BNA_M

ClientSampleId :

20221107-COMP-06

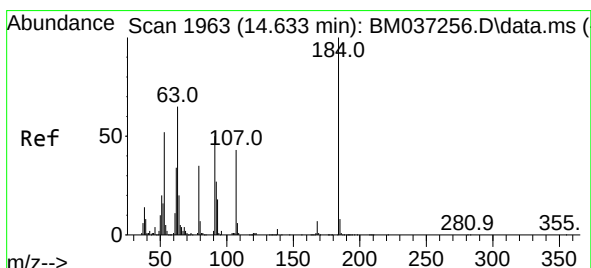
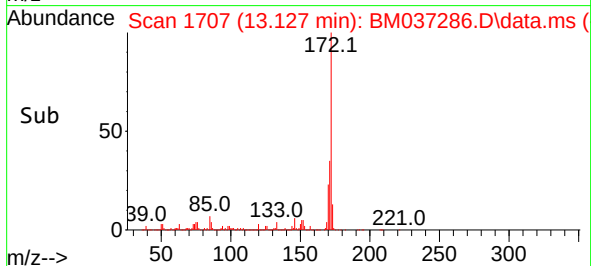
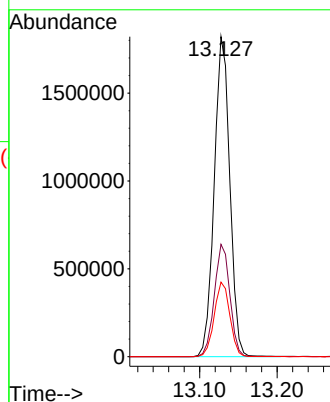
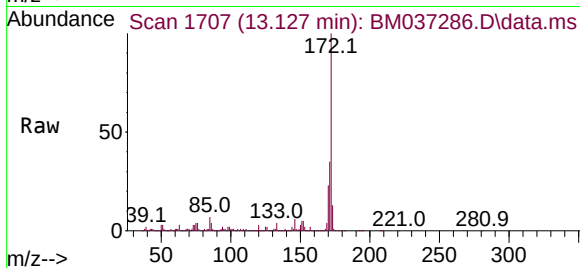
Tgt Ion:172 Resp: 2551548

Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.3 19.0 28.4



#54

2,4-Dinitrophenol

Concen: 6.464 ng

RT: 14.621 min Scan# 1961

Delta R.T. -0.012 min

Lab File: BM037286.D

Acq: 31 Oct 2022 12:40

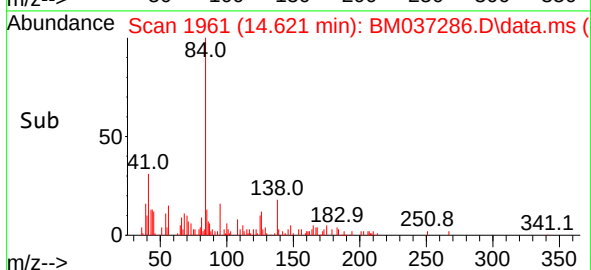
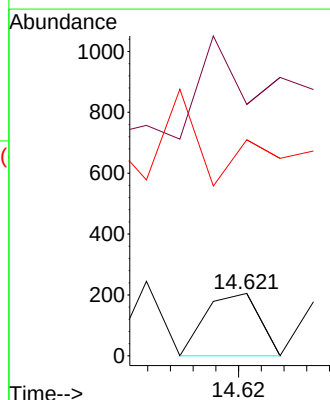
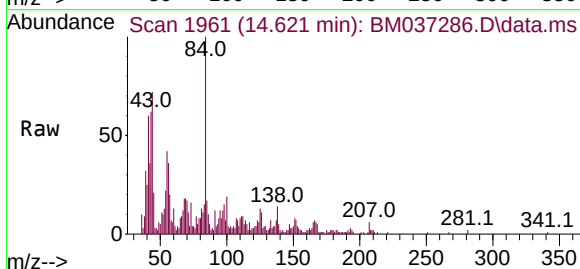
Tgt Ion:184 Resp: 136

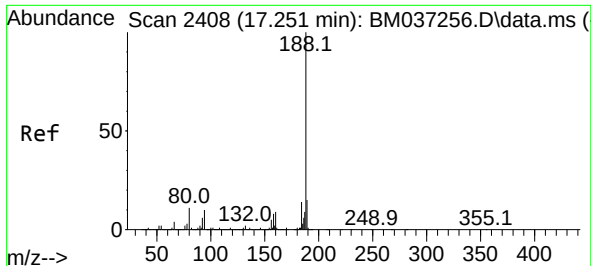
Ion Ratio Lower Upper

184 100

63 402.9 57.7 86.5#

154 346.3 48.3 72.5#

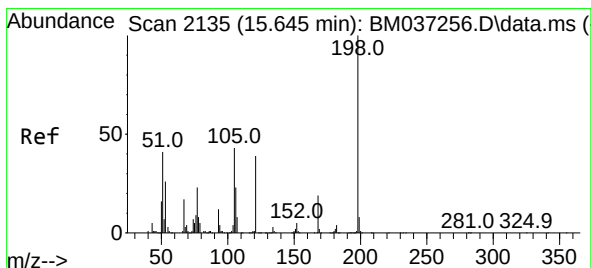
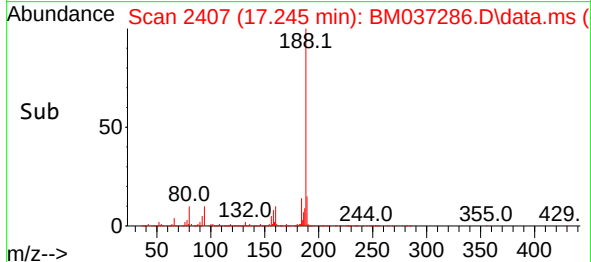
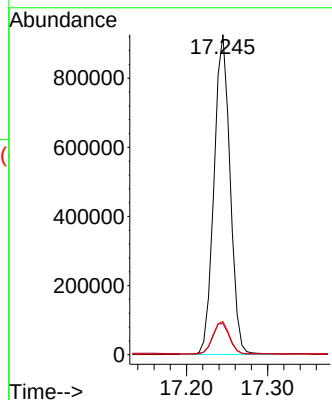
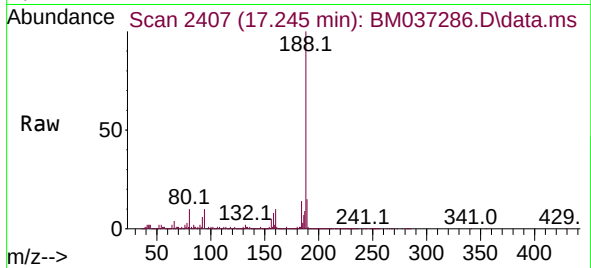




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM037286.D
Acq: 31 Oct 2022 12:40

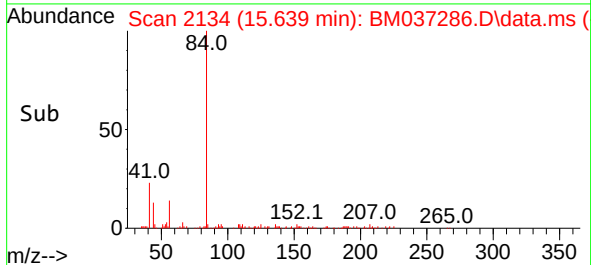
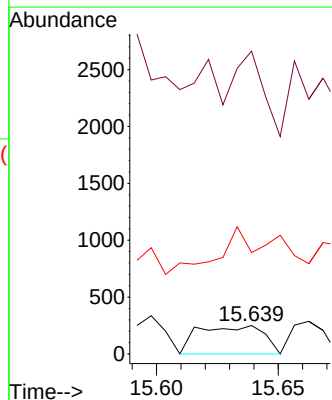
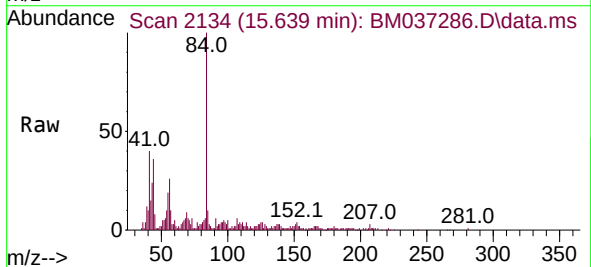
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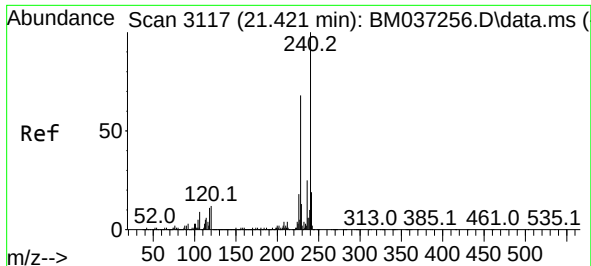
Tgt Ion:188 Resp: 1275303
Ion Ratio Lower Upper
188 100
94 9.7 7.9 11.9
80 10.4 8.5 12.7



#65
4,6-Dinitro-2-methylphenol
Concen: 5.060 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM037286.D
Acq: 31 Oct 2022 12:40

Tgt Ion:198 Resp: 461
Ion Ratio Lower Upper
198 100
51 1061.0 26.8 66.8#
105 355.4 24.1 64.1#

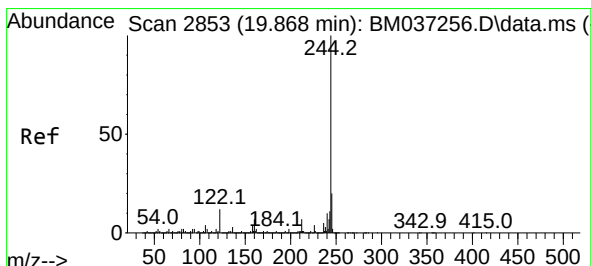
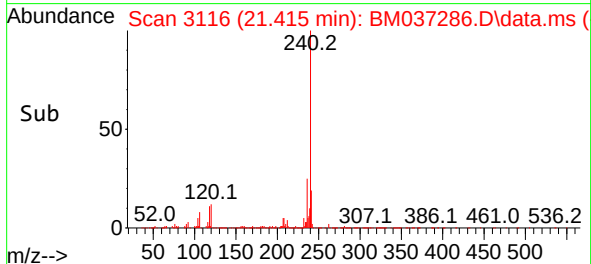
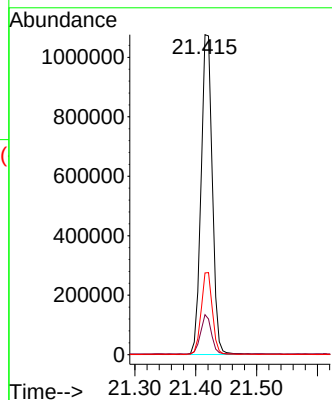
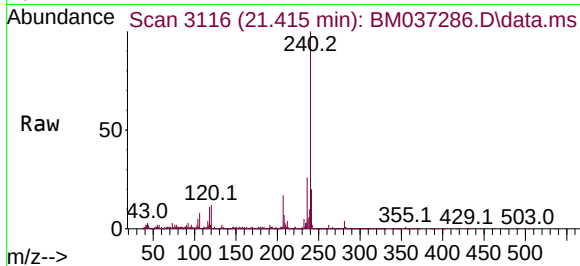




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM037286.D
Acq: 31 Oct 2022 12:40

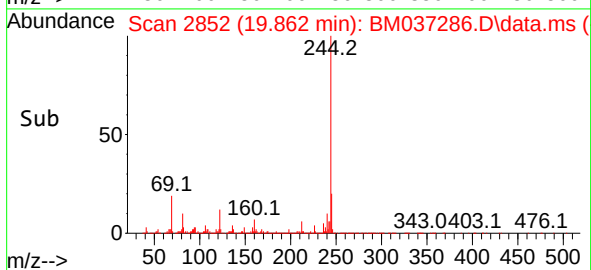
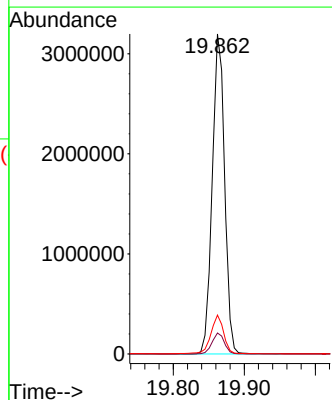
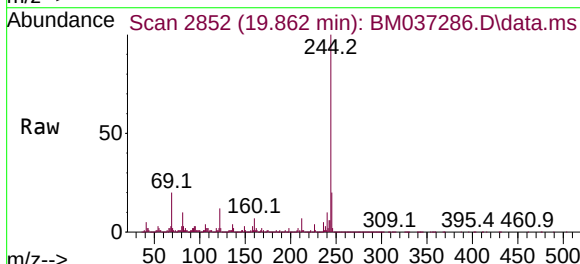
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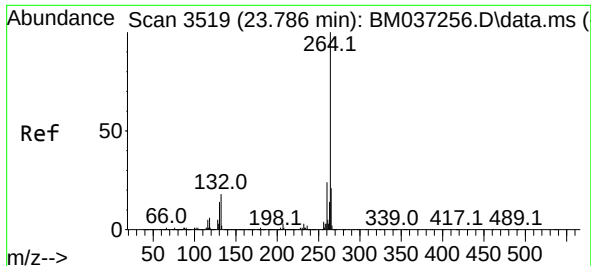
Tgt Ion:240 Resp: 1381695
Ion Ratio Lower Upper
240 100
120 12.5 9.9 14.9
236 25.5 20.3 30.5



#79
Terphenyl-d14
Concen: 50.123 ng
RT: 19.862 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BM037286.D
Acq: 31 Oct 2022 12:40

Tgt Ion:244 Resp: 3861918
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.2
122 12.1 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: BM037286.D
Acq: 31 Oct 2022 12:40

Instrument :
BNA_M
ClientSampleId :
20221107-COMP-06

Tgt Ion:264 Resp: 1512260

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	22.4	17.7	26.5

