

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102323\
 Data File : BM042401.D
 Acq On : 23 Oct 2023 14:30
 Operator : MA/JU
 Sample : 04844-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-603-COMP-06

Quant Time: Oct 23 15:08:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 21 02:32:53 2023
 Response via : Initial Calibration

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

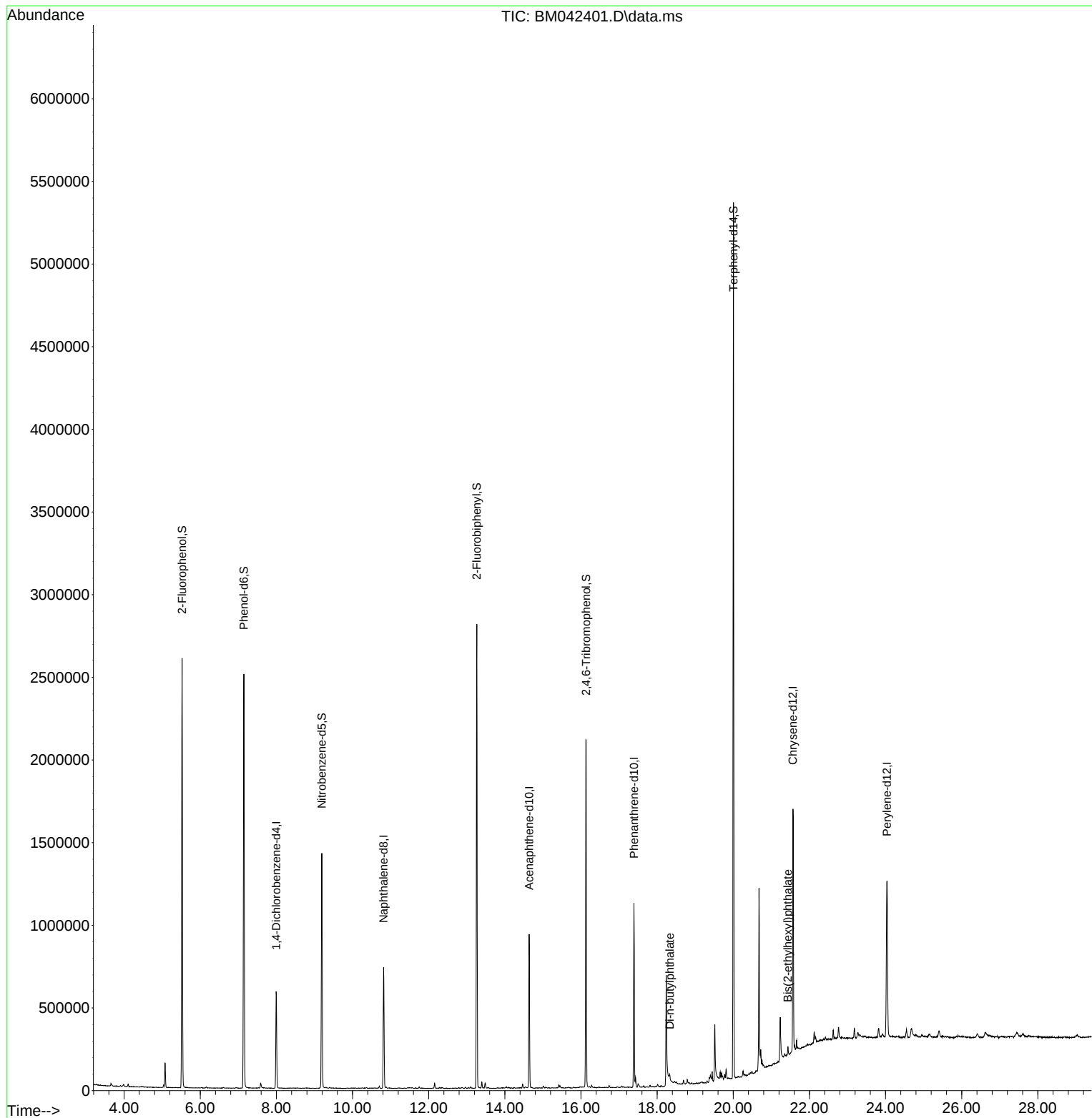
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	141773	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	547970	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	279735	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	577299	20.000	ng	0.00
76) Chrysene-d12	21.568	240	615474	20.000	ng	-0.01
86) Perylene-d12	24.039	264	692199	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	981961	97.890	ng	0.00
7) Phenol-d6	7.146	99	1283827	95.501	ng	0.00
23) Nitrobenzene-d5	9.192	82	775474	62.578	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	296740	98.468	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	1312410	63.178	ng	0.00
79) Terphenyl-d14	20.003	244	2202522	63.466	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	18.333	149	26719	3.498	ng	98
84) Bis(2-ethylhexyl)phtha...	21.433	149	18683	3.995	ng	91

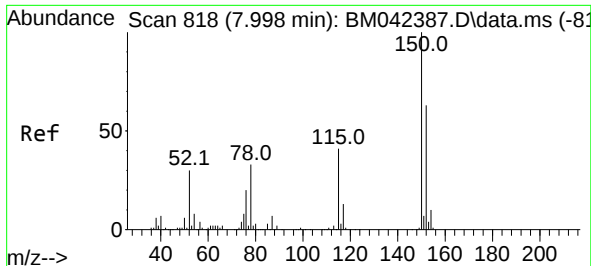
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 21 02:32:53 2023
Response via : Initial Calibration

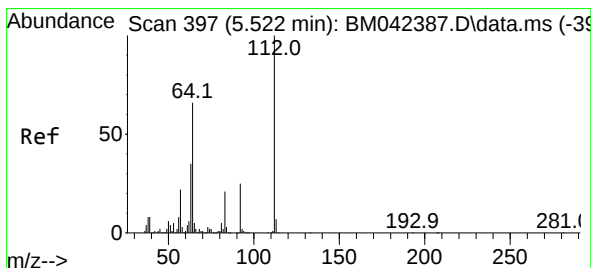
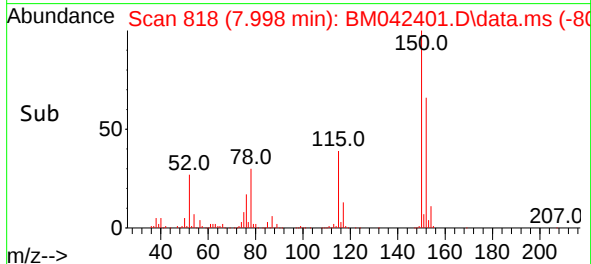
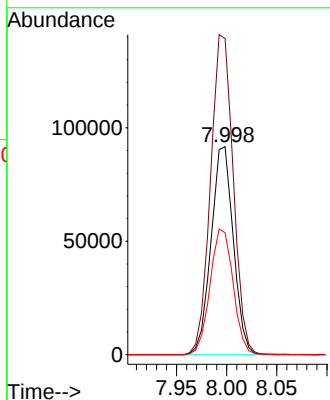
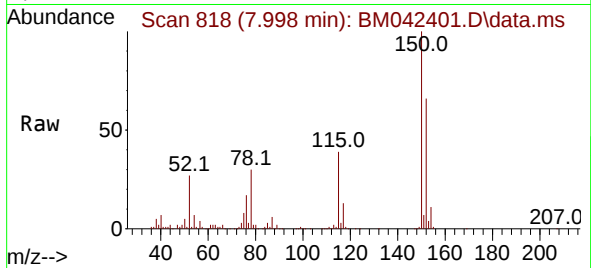




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.998 min Scan# 818
Delta R.T. 0.000 min
Lab File: BM042401.D
Acq: 23 Oct 2023 14:30

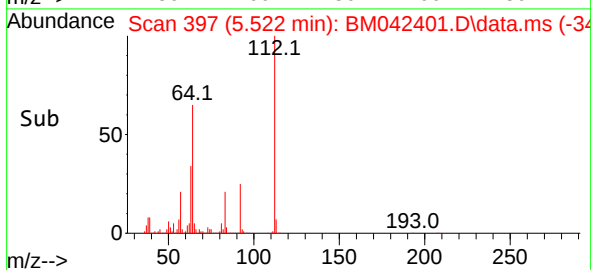
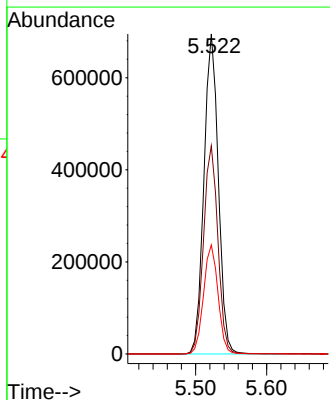
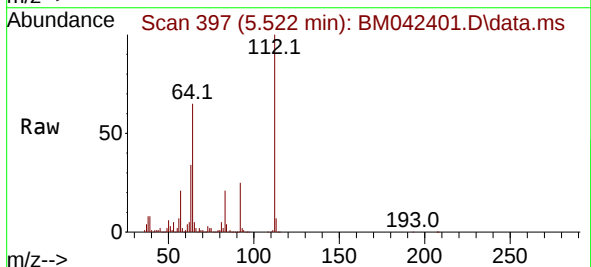
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06

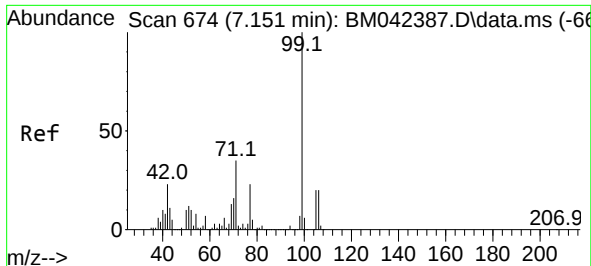
Tgt Ion:152 Resp: 141773
Ion Ratio Lower Upper
152 100
150 152.1 126.2 189.4
115 58.6 51.9 77.9



#5
2-Fluorophenol
Concen: 97.890 ng
RT: 5.522 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM042401.D
Acq: 23 Oct 2023 14:30

Tgt Ion:112 Resp: 981961
Ion Ratio Lower Upper
112 100
64 65.0 52.7 79.1
63 34.1 28.3 42.5



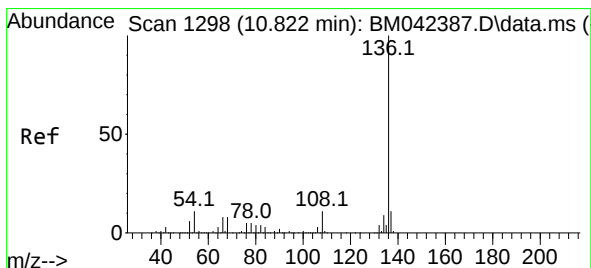
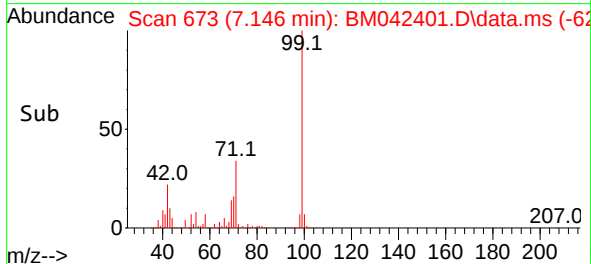
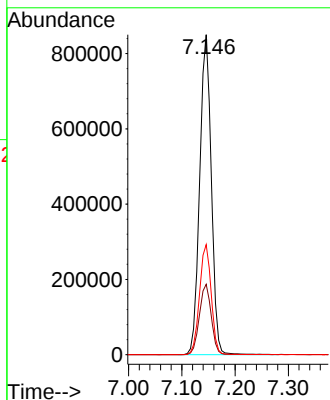
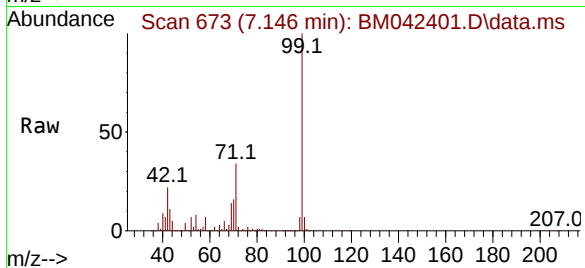


#7
Phenol-d6
Concen: 95.501 ng
RT: 7.146 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042401.D
Acq: 23 Oct 2023 14:30

Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06

Tgt Ion: 99 Resp: 1283827

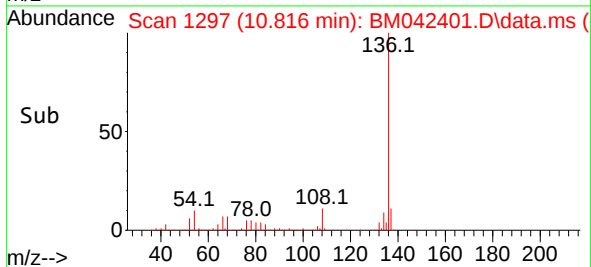
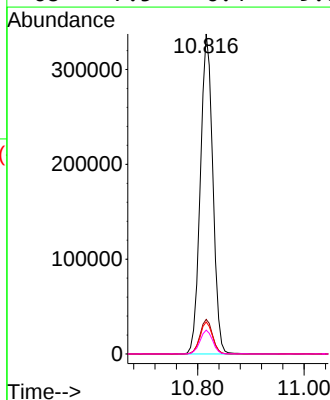
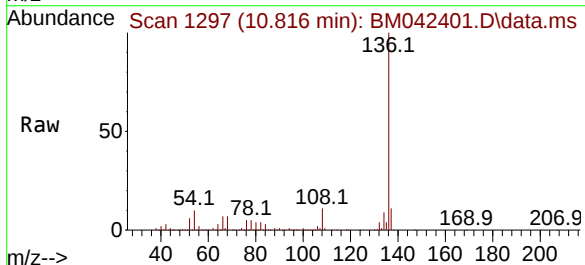
Ion	Ratio	Lower	Upper
99	100		
42	22.0	18.5	27.7
71	34.4	27.7	41.5

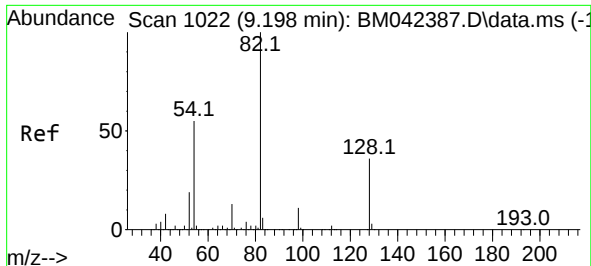


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM042401.D
Acq: 23 Oct 2023 14:30

Tgt Ion: 136 Resp: 547970

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.0	8.6	12.8
68	7.5	6.4	9.6

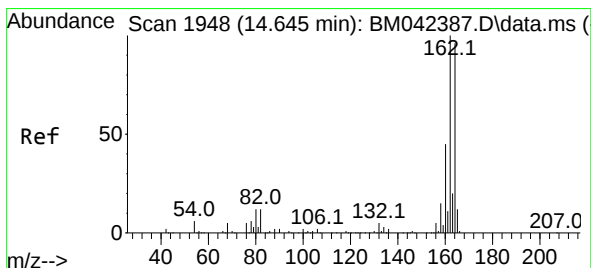
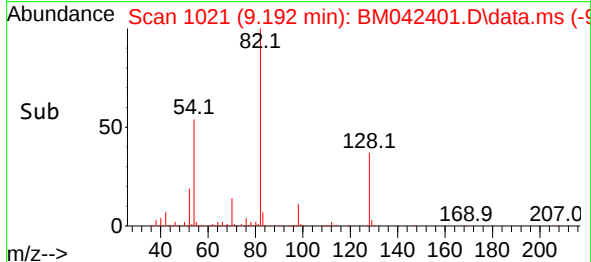
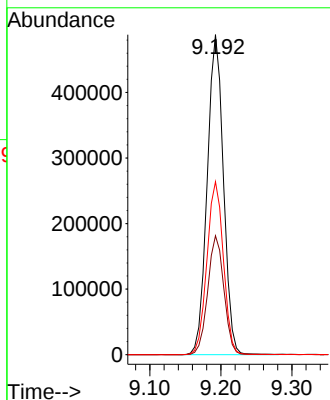
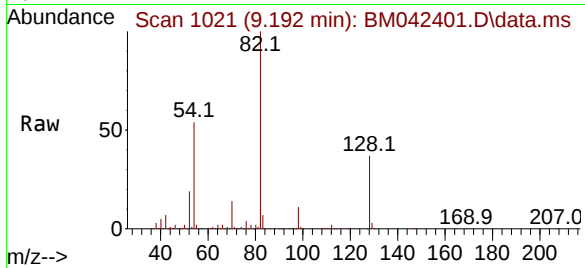




#23
Nitrobenzene-d5
Concen: 62.578 ng
RT: 9.192 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BM042401.D
Acq: 23 Oct 2023 14:30

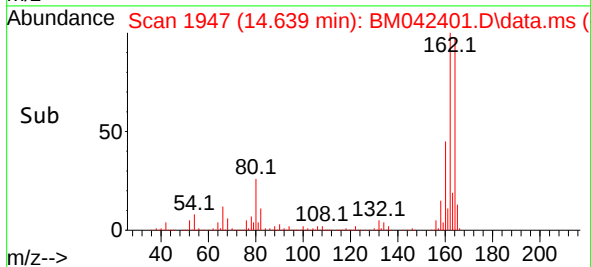
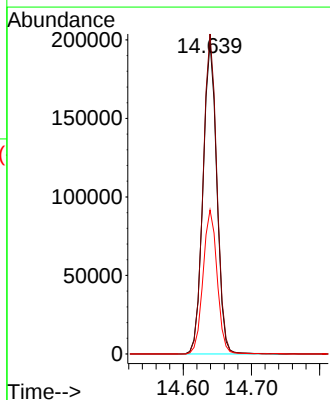
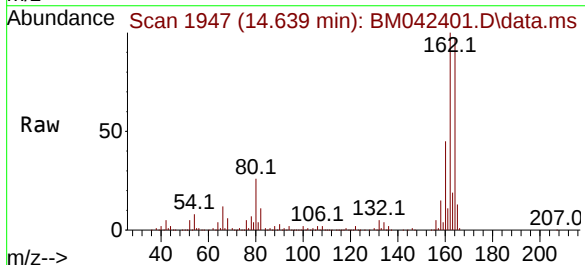
Instrument :
BNA_M
ClientSampleId :
OR-603-COMP-06

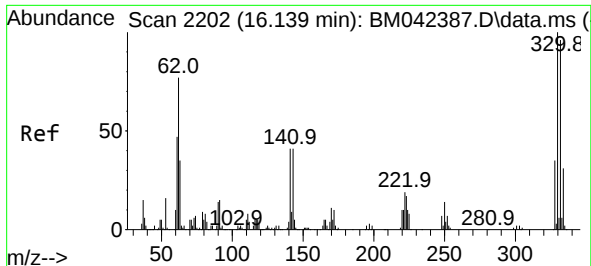
Tgt Ion: 82 Resp: 775474
Ion Ratio Lower Upper
82 100
128 37.2 29.0 43.6
54 54.1 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.639 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM042401.D
Acq: 23 Oct 2023 14:30

Tgt Ion: 164 Resp: 279735
Ion Ratio Lower Upper
164 100
162 102.7 83.0 124.4
160 46.2 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 98.468 ng

RT: 16.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042401.D

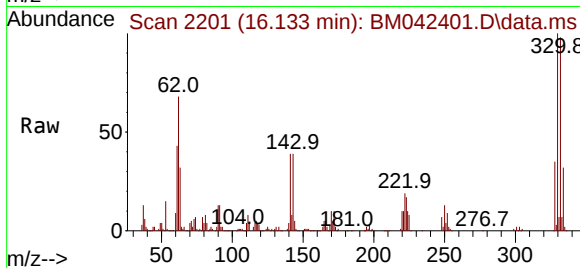
Acq: 23 Oct 2023 14:30

Instrument :

BNA_M

ClientSampleId :

OR-603-COMP-06



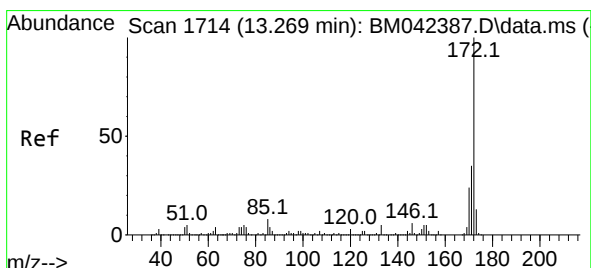
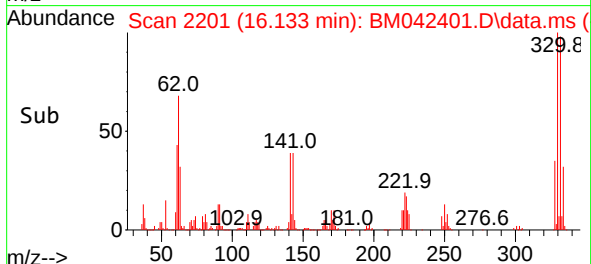
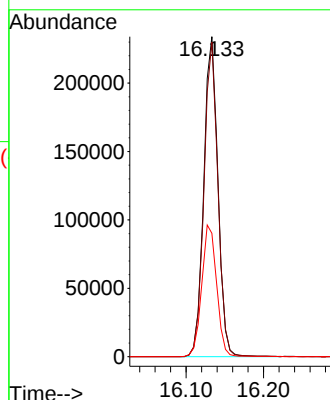
Tgt Ion:330 Resp: 296740

Ion Ratio Lower Upper

330 100

332 97.0 77.6 116.4

141 43.3 38.0 57.0



#45

2-Fluorobiphenyl

Concen: 63.178 ng

RT: 13.263 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BM042401.D

Acq: 23 Oct 2023 14:30

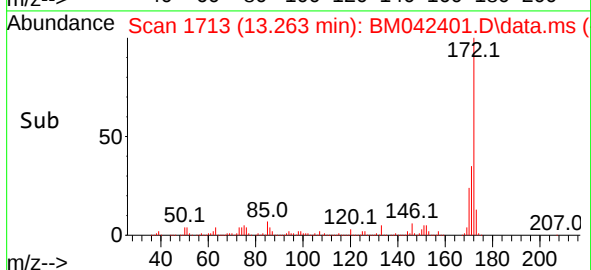
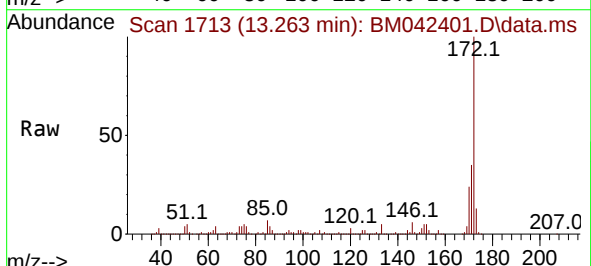
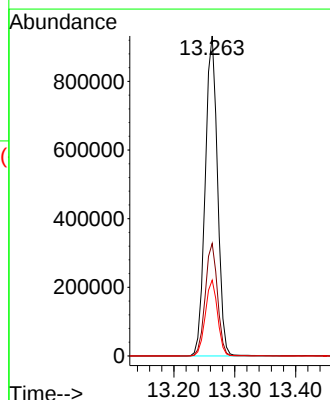
Tgt Ion:172 Resp: 1312410

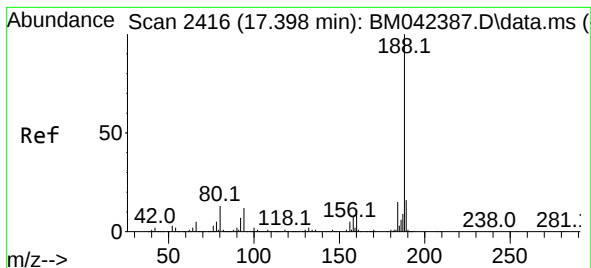
Ion Ratio Lower Upper

172 100

171 35.2 28.1 42.1

170 23.7 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.392 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BM042401.D

Acq: 23 Oct 2023 14:30

Instrument :

BNA_M

ClientSampleId :

OR-603-COMP-06

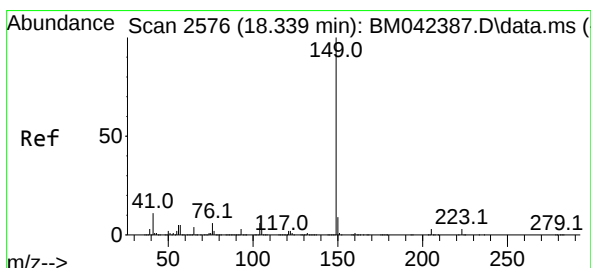
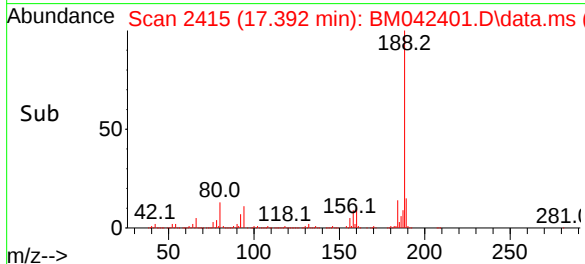
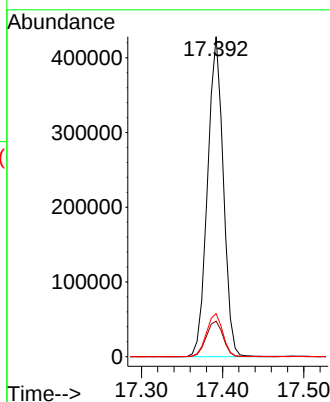
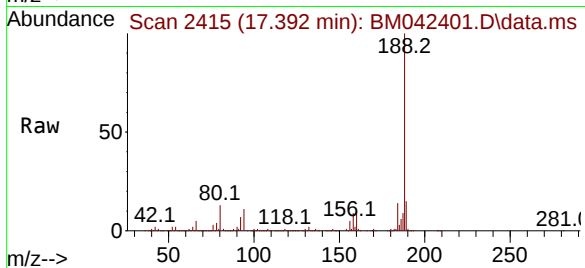
Tgt Ion:188 Resp: 577299

Ion Ratio Lower Upper

188 100

94 11.1 9.4 14.0

80 13.5 10.7 16.1



#74

Di-n-butylphthalate

Concen: 3.498 ng

RT: 18.333 min Scan# 2575

Delta R.T. -0.006 min

Lab File: BM042401.D

Acq: 23 Oct 2023 14:30

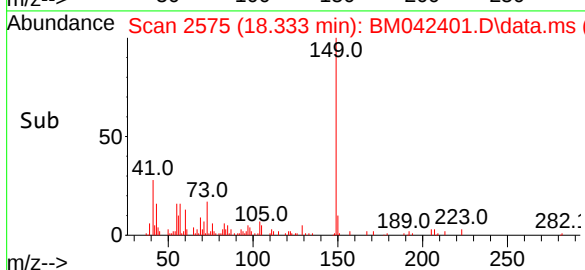
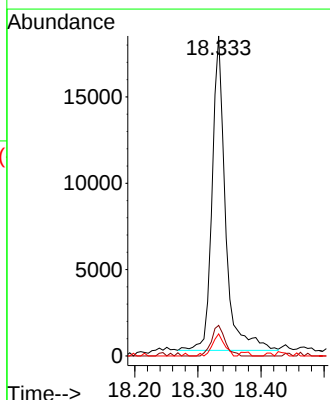
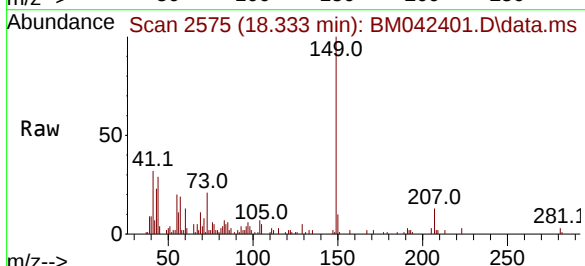
Tgt Ion:149 Resp: 26719

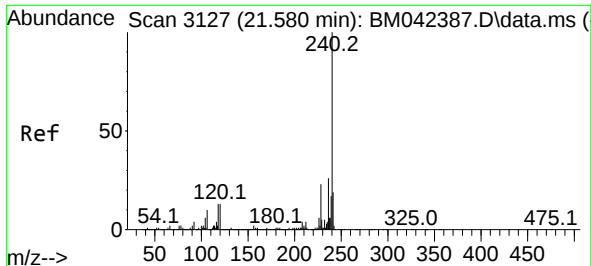
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.0

104 6.9 4.6 7.0

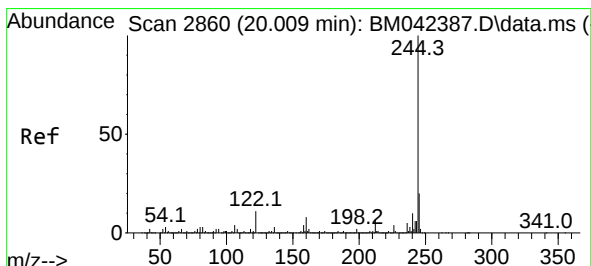
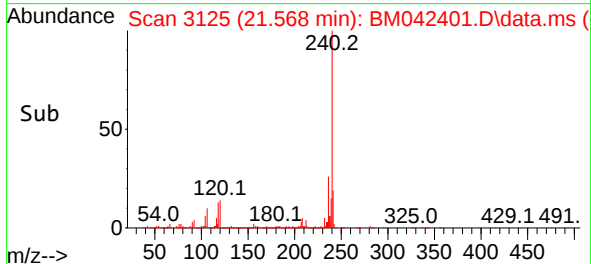
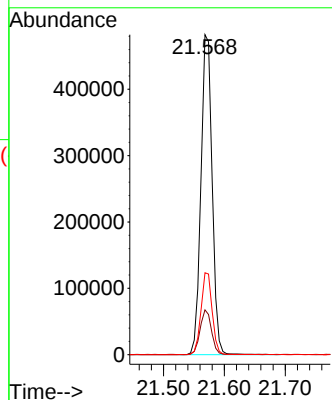
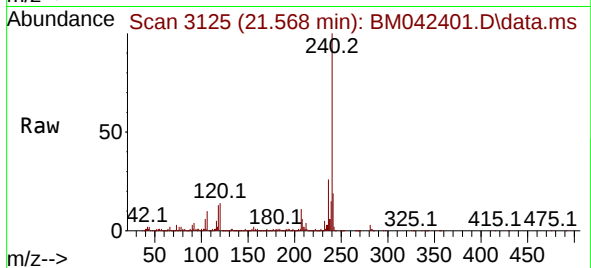




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.568 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM042401.D
Acq: 23 Oct 2023 14:30

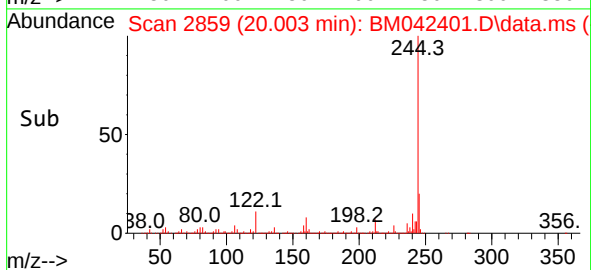
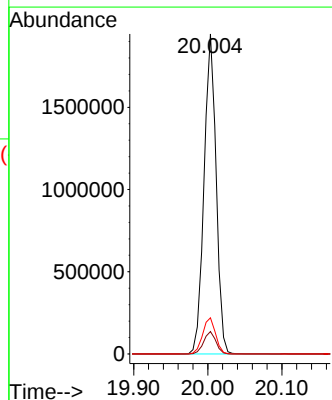
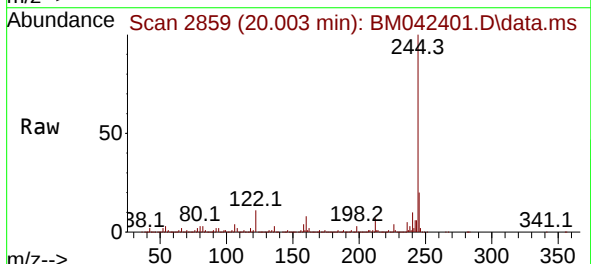
Instrument :
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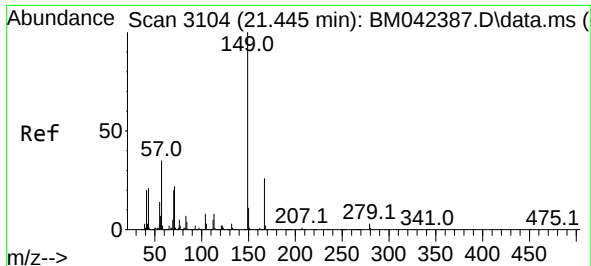
Tgt Ion:240 Resp: 615474
Ion Ratio Lower Upper
240 100
120 14.0 10.7 16.1
236 25.6 20.7 31.1



#79
Terphenyl-d14
Concen: 63.466 ng
RT: 20.003 min Scan# 2859
Delta R.T. -0.006 min
Lab File: BM042401.D
Acq: 23 Oct 2023 14:30

Tgt Ion:244 Resp: 2202522
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 11.3 8.8 13.2

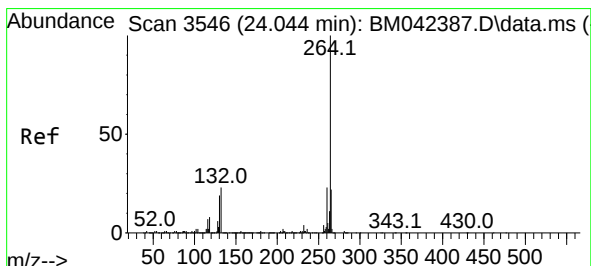
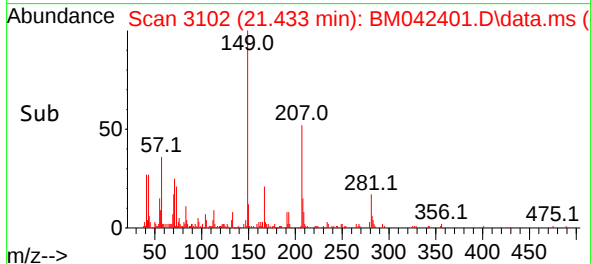
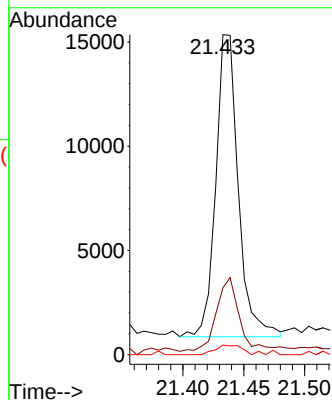
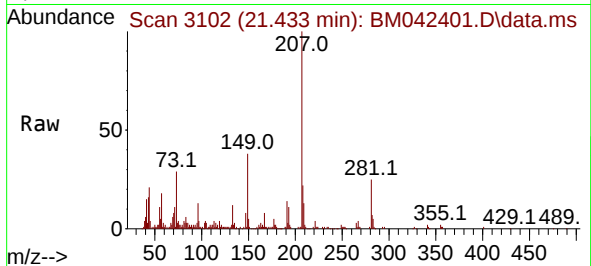




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.995 ng
 RT: 21.433 min Scan# 3102
 Delta R.T. -0.012 min
 Lab File: BM042401.D
 Acq: 23 Oct 2023 14:30

Instrument :
 BNA_M
 ClientSampleId :
 OR-603-COMP-06

Tgt Ion:149 Resp: 18683
 Ion Ratio Lower Upper
 149 100
 167 20.9 20.9 31.3
 279 3.0 2.7 4.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.039 min Scan# 3545
 Delta R.T. -0.006 min
 Lab File: BM042401.D
 Acq: 23 Oct 2023 14:30

Tgt Ion:264 Resp: 692199
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 27.8
 265 21.2 17.8 26.8

