

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
 Data File : BM042417.D
 Acq On : 24 Oct 2023 13:37
 Operator : MA/JU
 Sample : 04977-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NB-406-COMP-02

Quant Time: Oct 24 14:41:49 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)

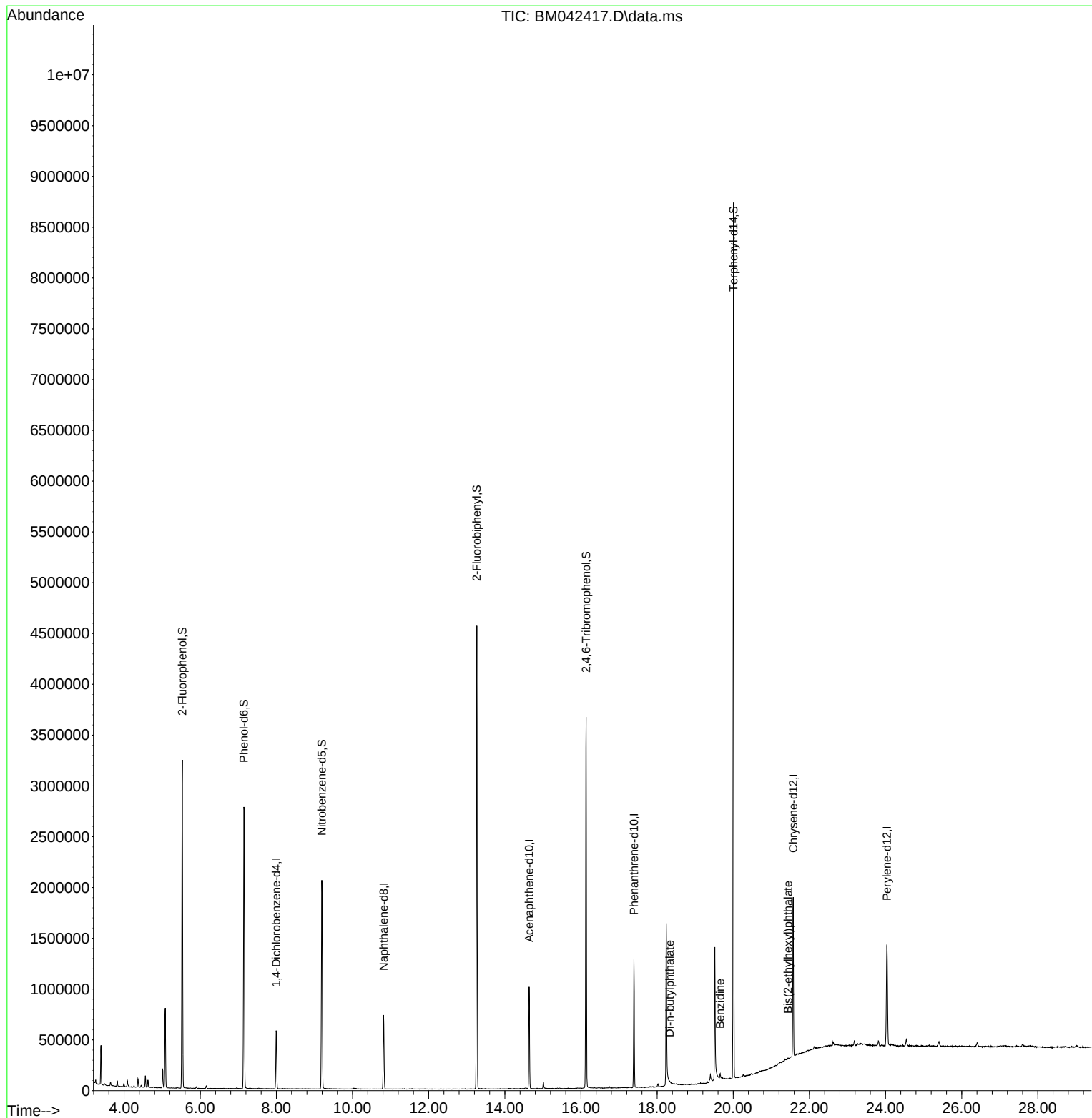
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	144728	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	551345	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	313694	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	697664	20.000	ng	0.00
76) Chrysene-d12	21.574	240	691745	20.000	ng	0.00
86) Perylene-d12	24.033	264	765661	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1265103	123.541	ng	0.00
7) Phenol-d6	7.146	99	1498442	109.190	ng	0.00
23) Nitrobenzene-d5	9.192	82	1145935	91.908	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	611137	173.109	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	2225902	95.552	ng	0.00
79) Terphenyl-d14	20.004	244	3980298	102.047	ng	0.00
Target Compounds						
						Qvalue
74) Di-n-butylphthalate	18.333	149	6287	2.950	ng	# 95
77) Benzidine	19.657	184	25200	2.519	ng	# 93
84) Bis(2-ethylhexyl)phtha...	21.439	149	4041	3.489	ng	# 93

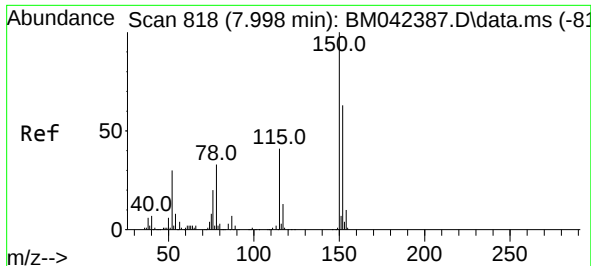
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 24 14:41:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

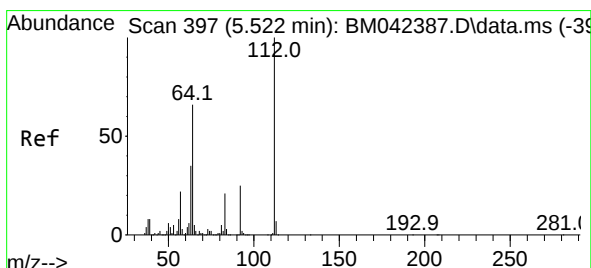
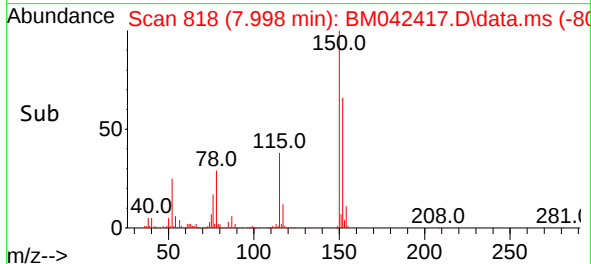
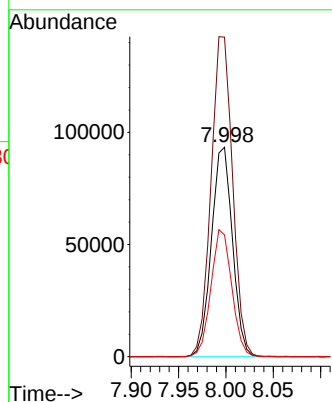
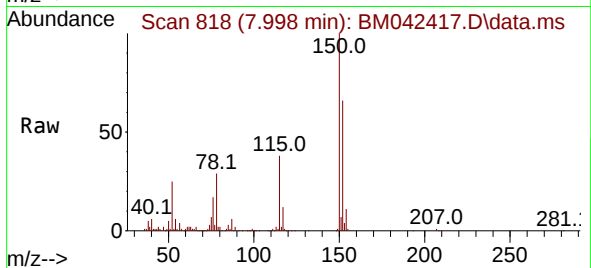




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.998 min Scan# 818
 Delta R.T. 0.000 min
 Lab File: BM042417.D
 Acq: 24 Oct 2023 13:37

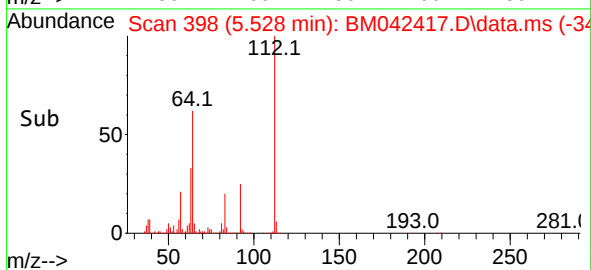
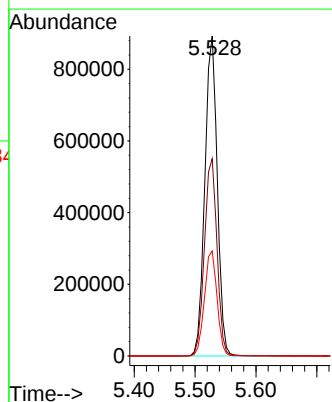
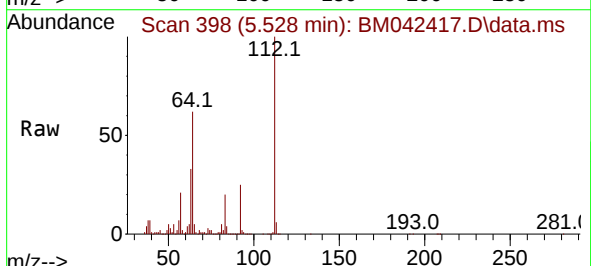
Instrument :
 BNA_M
 ClientSampleId :
 NB-406-COMP-02

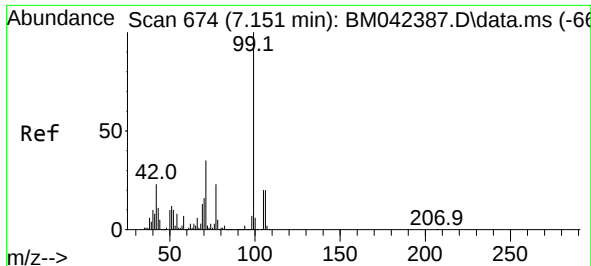
Tgt Ion:152 Resp: 144728
 Ion Ratio Lower Upper
 152 100
 150 152.5 126.2 189.4
 115 58.1 51.9 77.9



#5
 2-Fluorophenol
 Concen: 123.541 ng
 RT: 5.528 min Scan# 398
 Delta R.T. 0.006 min
 Lab File: BM042417.D
 Acq: 24 Oct 2023 13:37

Tgt Ion:112 Resp: 1265103
 Ion Ratio Lower Upper
 112 100
 64 61.6 52.7 79.1
 63 32.8 28.3 42.5



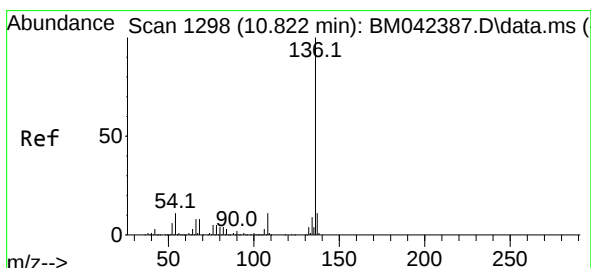
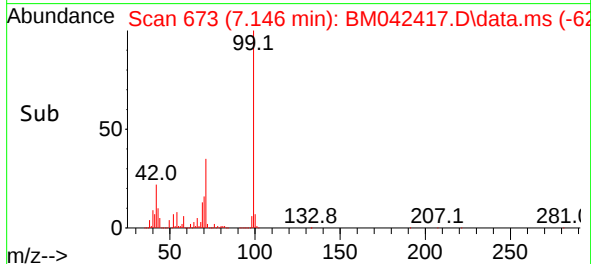
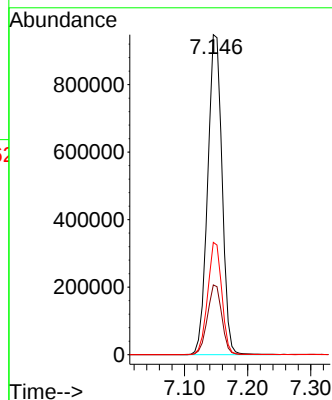
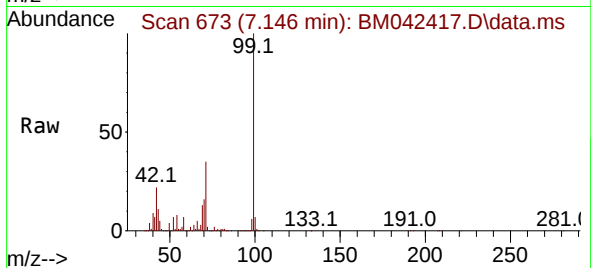


#7
Phenol-d6
Concen: 109.190 ng
RT: 7.146 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042417.D
Acq: 24 Oct 2023 13:37

Instrument :
BNA_M
ClientSampleId :
NB-406-COMP-02

Tgt Ion: 99 Resp: 1498442

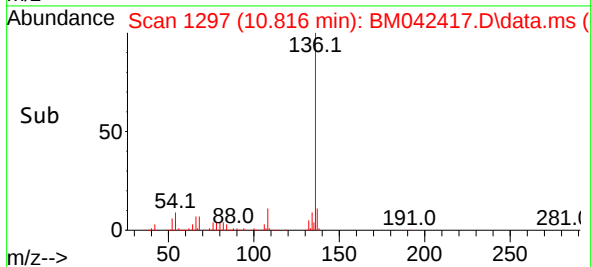
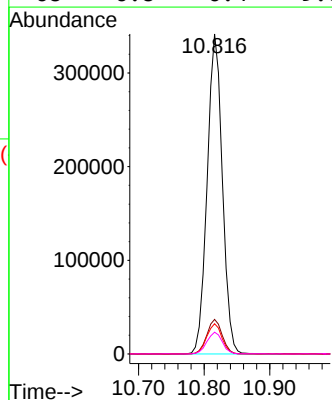
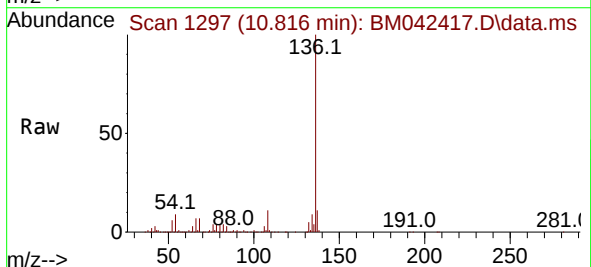
Ion	Ratio	Lower	Upper
99	100		
42	21.8	18.5	27.7
71	35.1	27.7	41.5

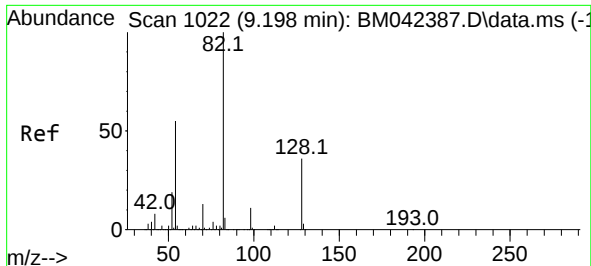


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM042417.D
Acq: 24 Oct 2023 13:37

Tgt Ion: 136 Resp: 551345

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	9.5	8.6	12.8
68	6.8	6.4	9.6

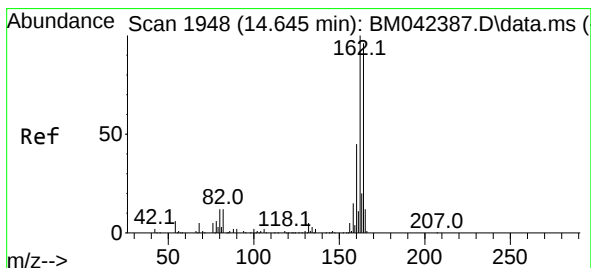
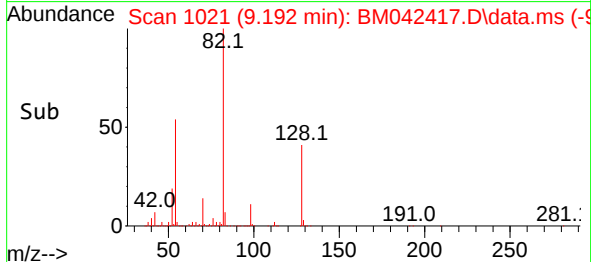
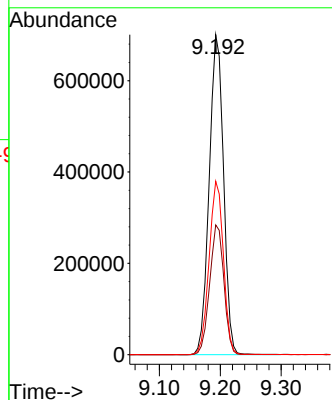
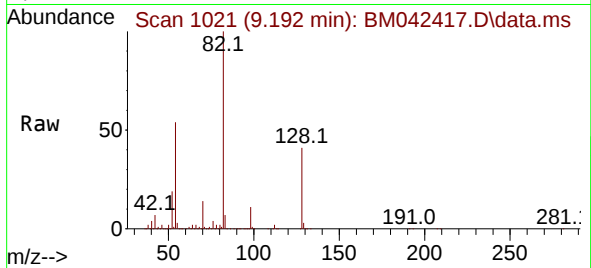




#23
Nitrobenzene-d5
Concen: 91.908 ng
RT: 9.192 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BM042417.D
Acq: 24 Oct 2023 13:37

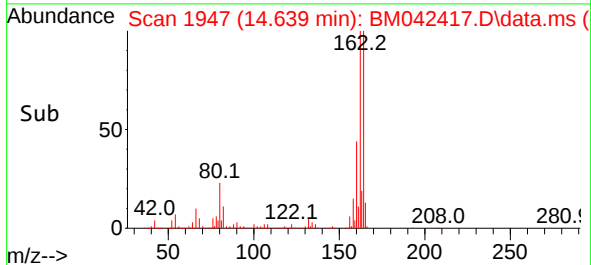
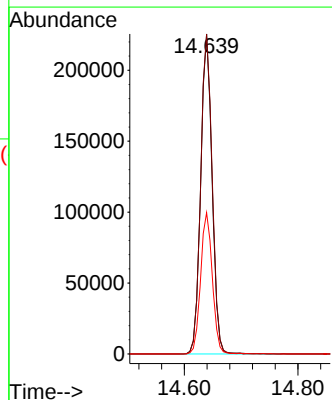
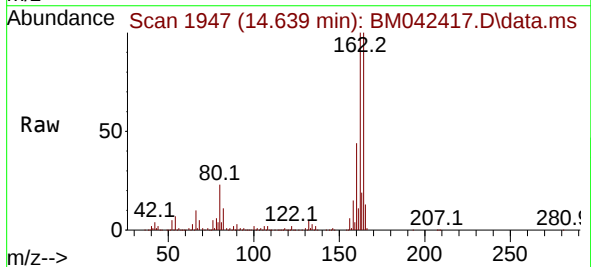
Instrument :
BNA_M
ClientSampleId :
NB-406-COMP-02

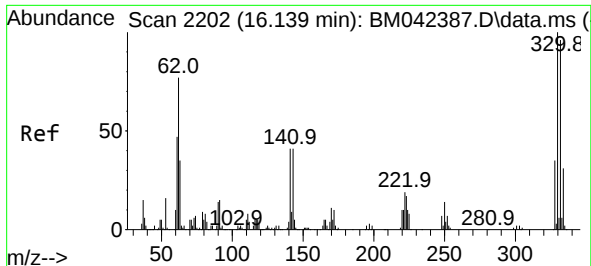
Tgt Ion: 82 Resp: 1145935
Ion Ratio Lower Upper
82 100
128 40.6 29.0 43.6
54 54.2 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.639 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM042417.D
Acq: 24 Oct 2023 13:37

Tgt Ion:164 Resp: 313694
Ion Ratio Lower Upper
164 100
162 99.9 83.0 124.4
160 44.1 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 173.109 ng

RT: 16.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042417.D

Acq: 24 Oct 2023 13:37

Instrument :

BNA_M

ClientSampleId :

NB-406-COMP-02

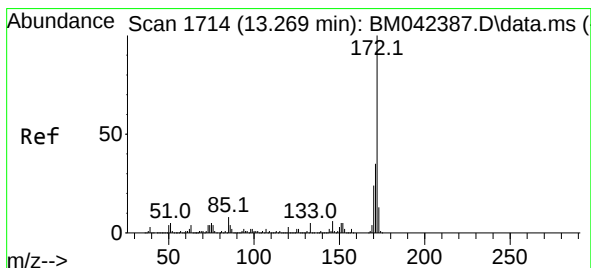
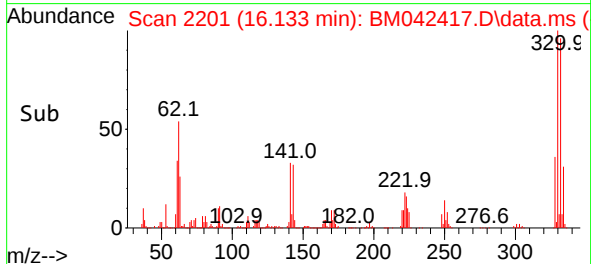
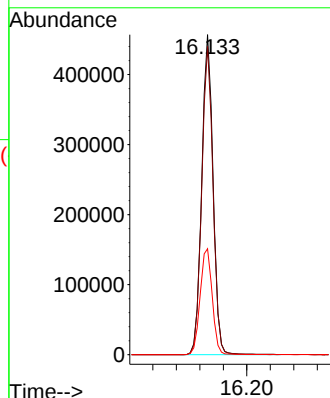
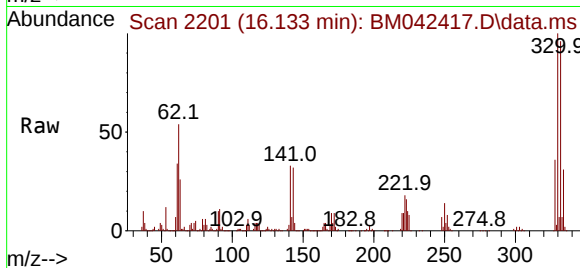
Tgt Ion:330 Resp: 611137

Ion Ratio Lower Upper

330 100

332 96.0 77.6 116.4

141 35.3 38.0 57.0#



#45

2-Fluorobiphenyl

Concen: 95.552 ng

RT: 13.263 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BM042417.D

Acq: 24 Oct 2023 13:37

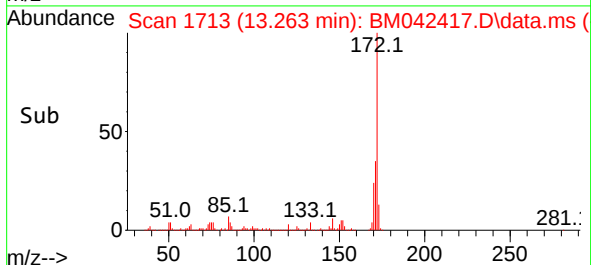
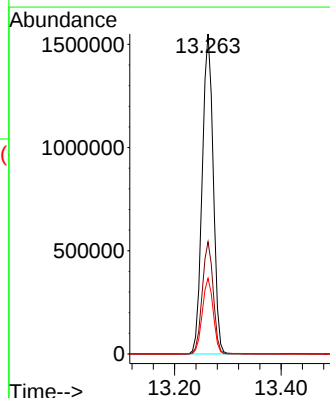
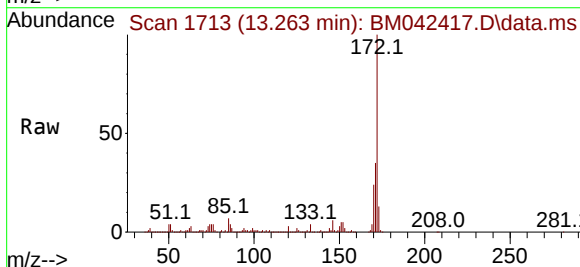
Tgt Ion:172 Resp: 2225902

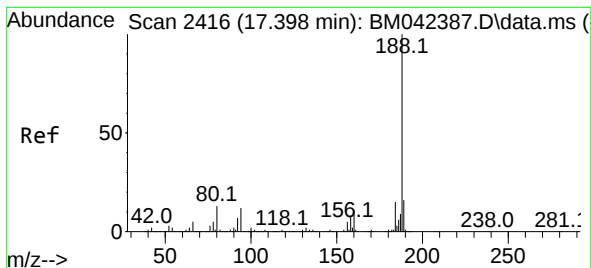
Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.6 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: BM042417.D

Acq: 24 Oct 2023 13:37

Instrument :

BNA_M

ClientSampleId :

NB-406-COMP-02

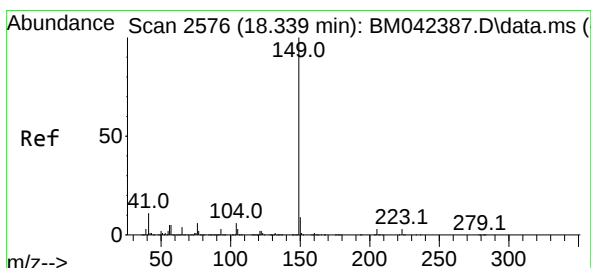
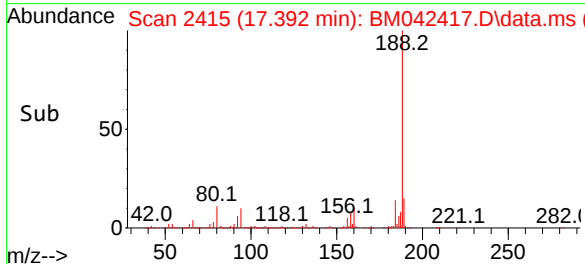
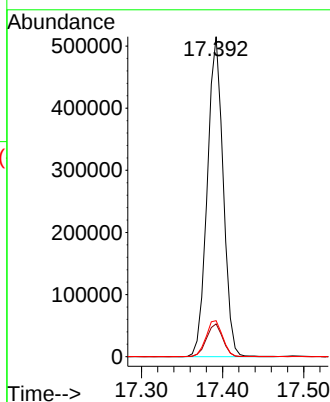
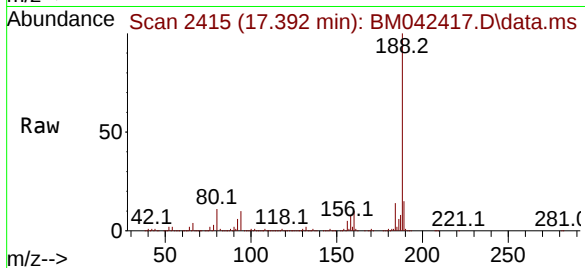
Tgt Ion:188 Resp: 697664

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.0

80 11.3 10.7 16.1



#74

Di-n-butylphthalate

Concen: 2.950 ng

RT: 18.333 min Scan# 2575

Delta R.T. -0.006 min

Lab File: BM042417.D

Acq: 24 Oct 2023 13:37

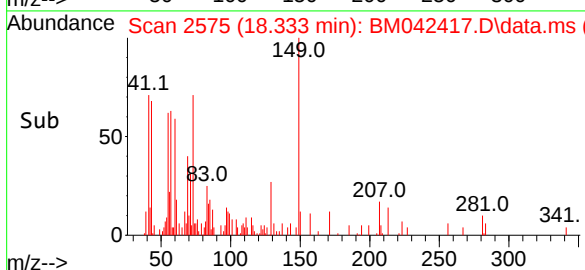
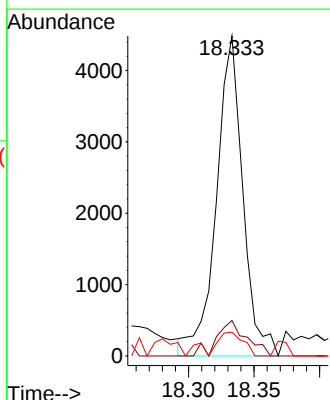
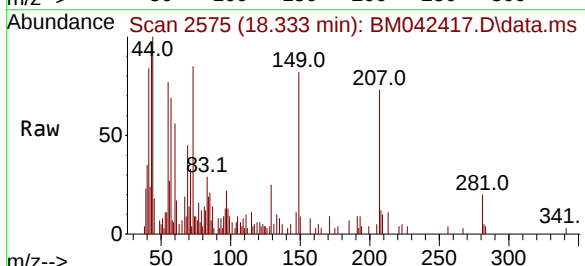
Tgt Ion:149 Resp: 6287

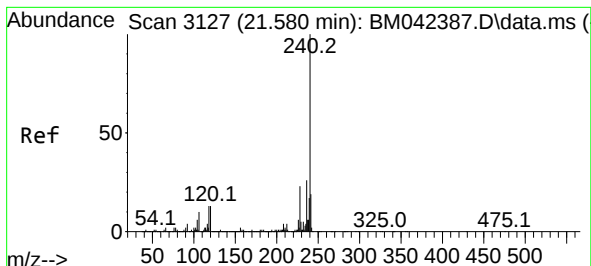
Ion Ratio Lower Upper

149 100

150 11.1 7.4 11.0#

104 7.4 4.6 7.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.574 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042417.D

Acq: 24 Oct 2023 13:37

Instrument :

BNA_M

ClientSampleId :

NB-406-COMP-02

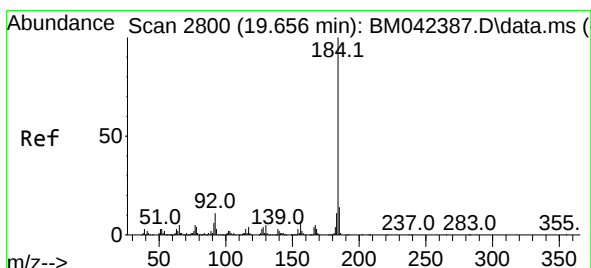
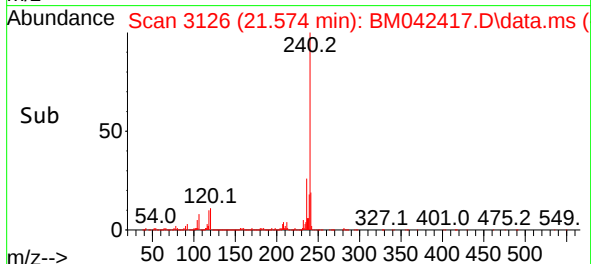
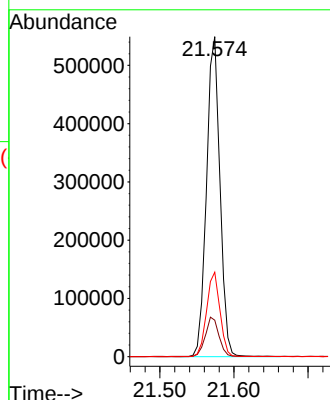
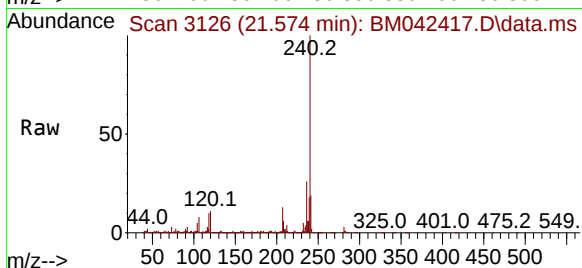
Tgt Ion:240 Resp: 691745

Ion Ratio Lower Upper

240 100

120 11.4 10.7 16.1

236 26.4 20.7 31.1



#77

Benzidine

Concen: 2.519 ng

RT: 19.657 min Scan# 2800

Delta R.T. 0.000 min

Lab File: BM042417.D

Acq: 24 Oct 2023 13:37

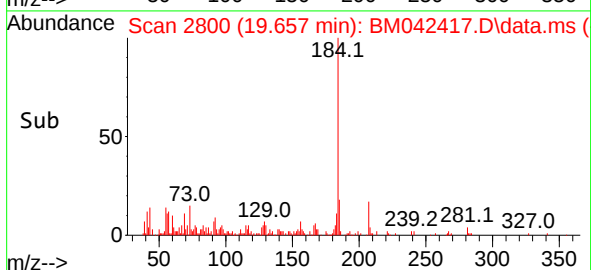
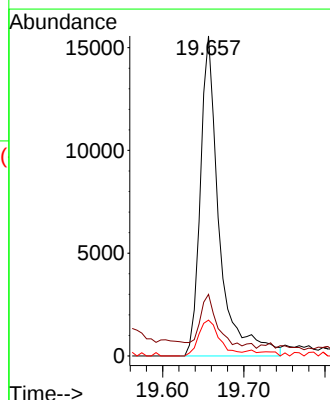
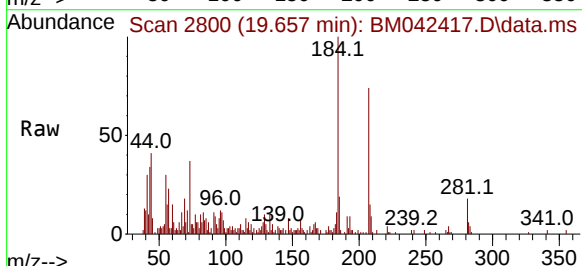
Tgt Ion:184 Resp: 25200

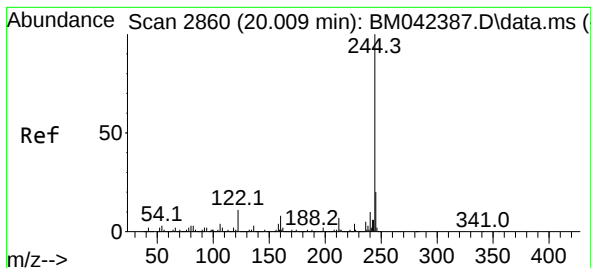
Ion Ratio Lower Upper

184 100

185 19.2 11.5 17.3#

183 11.2 9.2 13.8





#79

Terphenyl-d14

Concen: 102.047 ng

RT: 20.004 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM042417.D

Acq: 24 Oct 2023 13:37

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NB-406-COMP-02

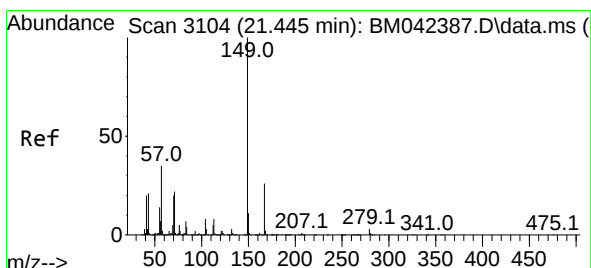
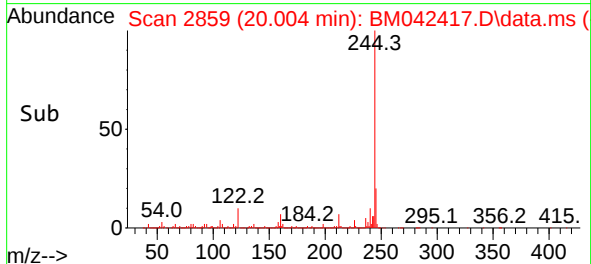
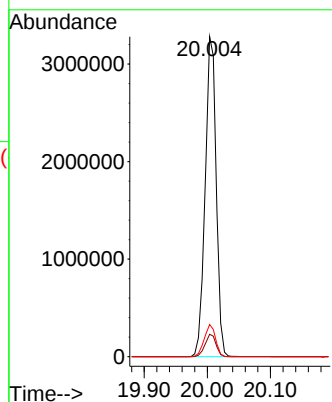
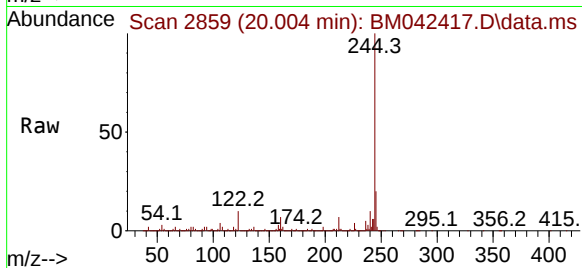
Tgt Ion:244 Resp: 3980298

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.1 8.8 13.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.489 ng

RT: 21.439 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM042417.D

Acq: 24 Oct 2023 13:37

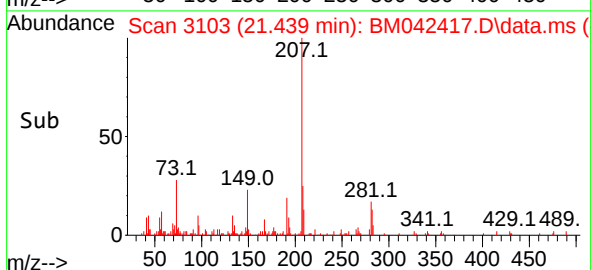
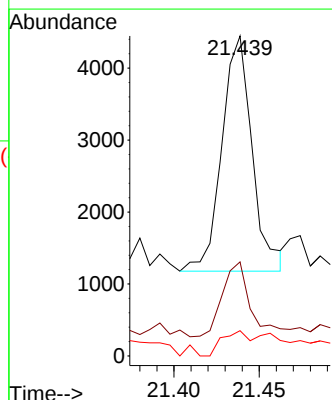
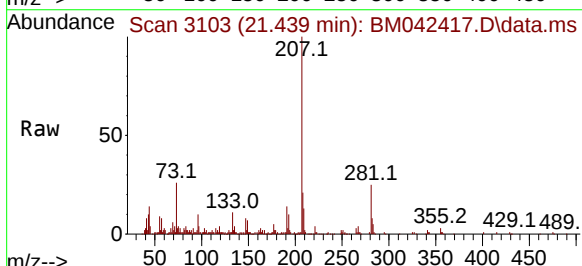
Tgt Ion:149 Resp: 4041

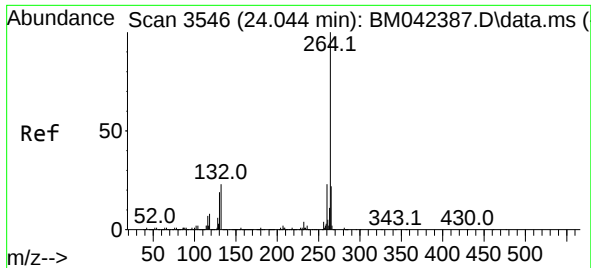
Ion Ratio Lower Upper

149 100

167 29.4 20.9 31.3

279 7.9 2.7 4.1#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.033 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM042417.D
Acq: 24 Oct 2023 13:37

Instrument :
BNA_M
ClientSampleId :
NB-406-COMP-02

Tgt Ion:264 Resp: 765661

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	21.8	17.8	26.8

