

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102323\
 Data File : BM042405.D
 Acq On : 23 Oct 2023 16:56
 Operator : MA/JU
 Sample : 04957-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 23 17:39:06 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)

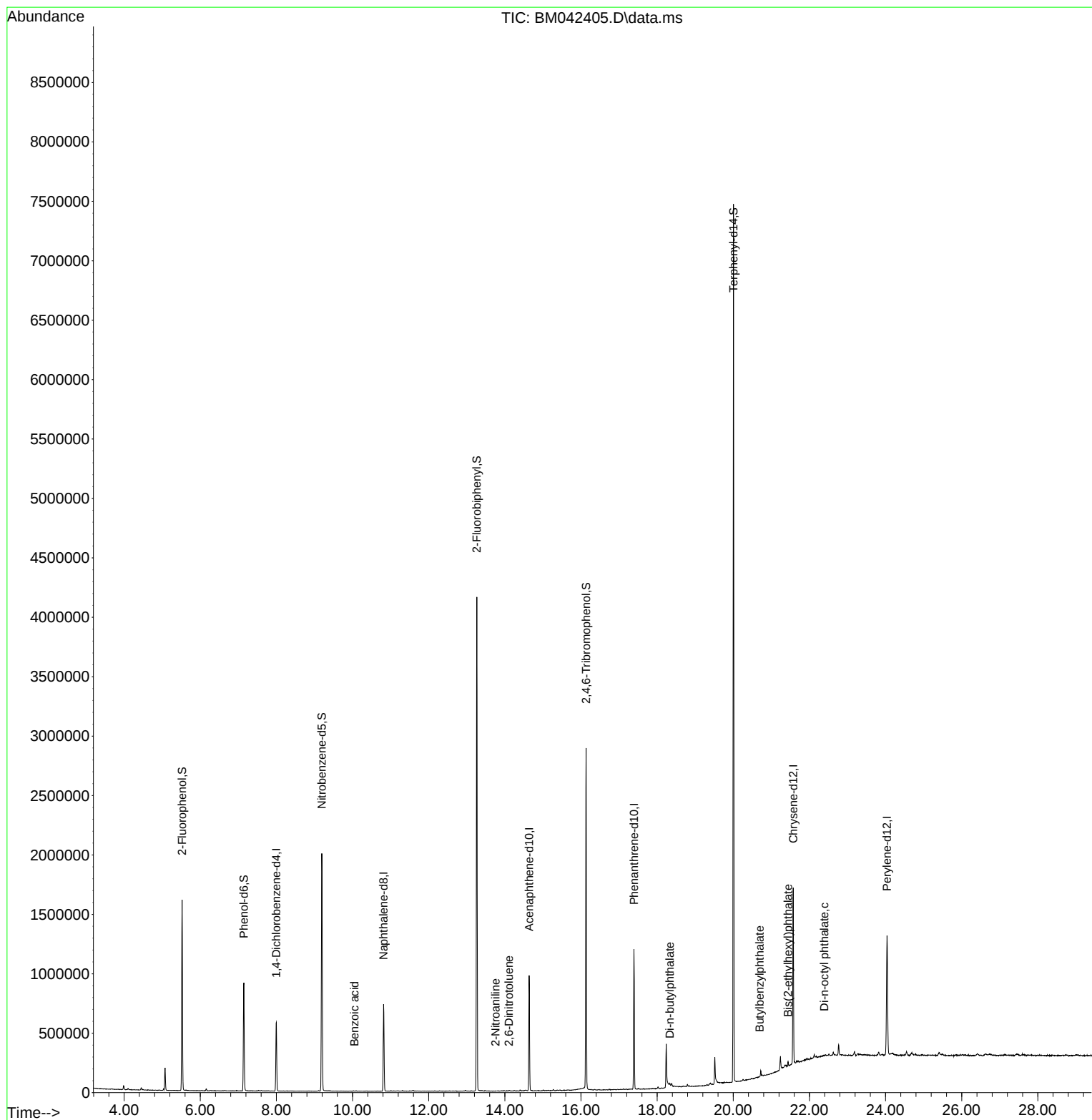
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	141592	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	552880	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	288227	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	615991	20.000	ng	0.00
76) Chrysene-d12	21.574	240	630045	20.000	ng	0.00
86) Perylene-d12	24.038	264	689469	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	608228	60.711	ng	0.00
7) Phenol-d6	7.145	99	483036	35.978	ng	0.00
23) Nitrobenzene-d5	9.192	82	1108324	88.644	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	402513	126.706	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	1946853	90.958	ng	0.00
79) Terphenyl-d14	20.003	244	3169711	89.223	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.051	122	69	5.333	ng	# 31
48) 2-Nitroaniline	13.757	65	54	3.647	ng	# 13
51) 2,6-Dinitrotoluene	14.104	165	561	2.998	ng	# 10
74) Di-n-butylphthalate	18.333	149	11460	3.091	ng	# 98
80) Butylbenzylphthalate	20.692	149	308	3.273	ng	# 40
84) Bis(2-ethylhexyl)phtha...	21.439	149	11862	3.757	ng	# 96
85) Di-n-octyl phthalate	22.386	149	2500	4.265	ng	# 93

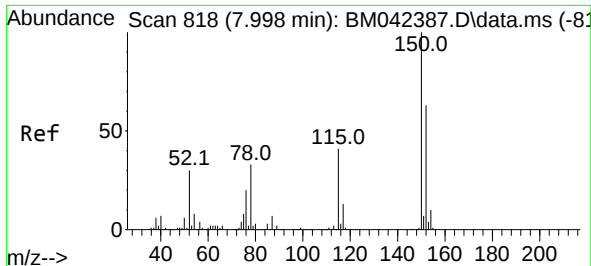
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

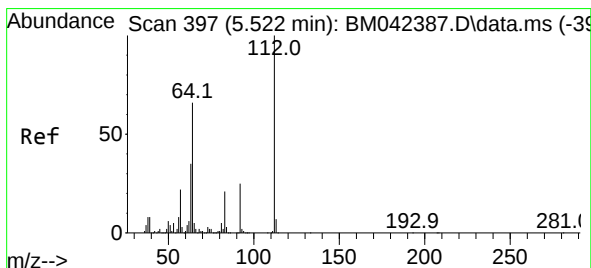
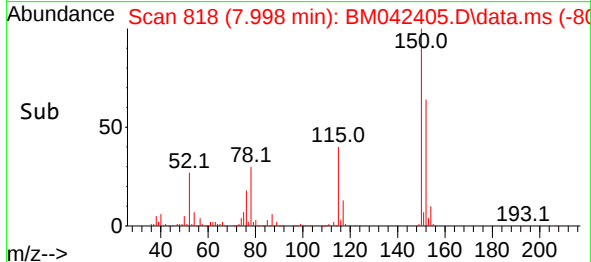
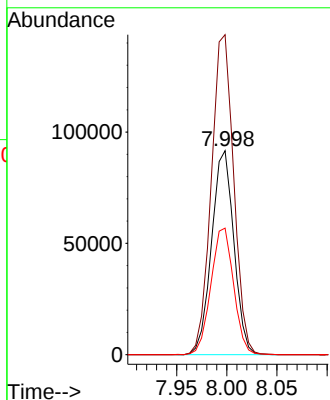
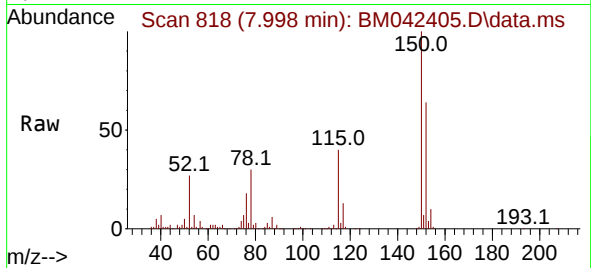




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.998 min Scan# 818
Delta R.T. 0.000 min
Lab File: BM042405.D
Acq: 23 Oct 2023 16:56

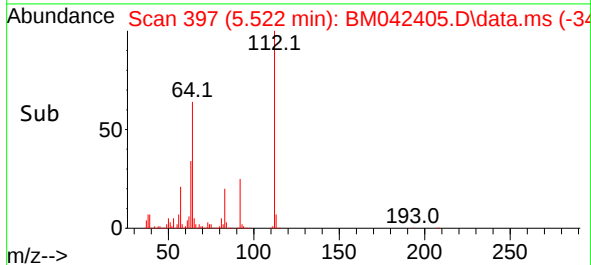
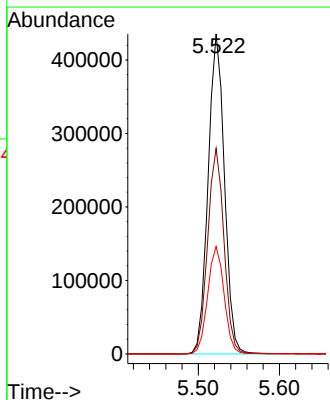
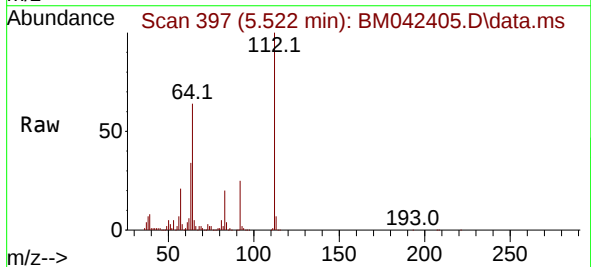
Instrument :
BNA_M
ClientSampleId :

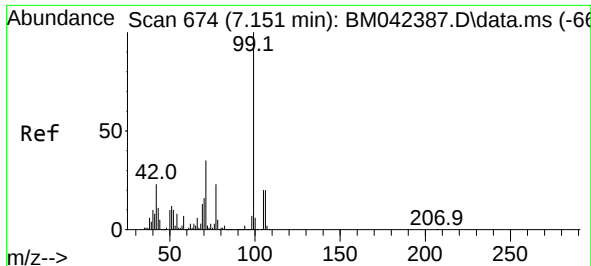
Tgt Ion:152 Resp: 141592
Ion Ratio Lower Upper
152 100
150 156.9 126.2 189.4
115 62.0 51.9 77.9



#5
2-Fluorophenol
Concen: 60.711 ng
RT: 5.522 min Scan# 397
Delta R.T. -0.000 min
Lab File: BM042405.D
Acq: 23 Oct 2023 16:56

Tgt Ion:112 Resp: 608228
Ion Ratio Lower Upper
112 100
64 64.2 52.7 79.1
63 33.6 28.3 42.5

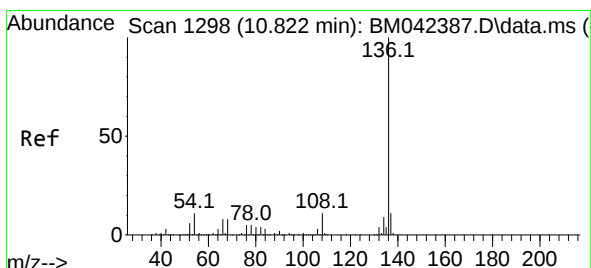
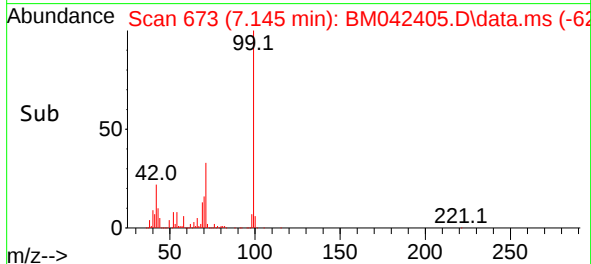
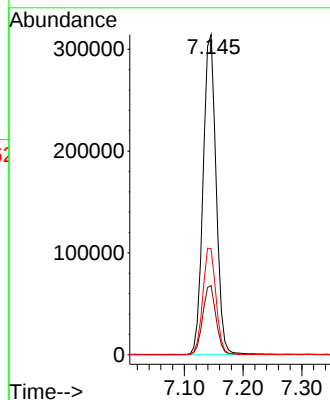
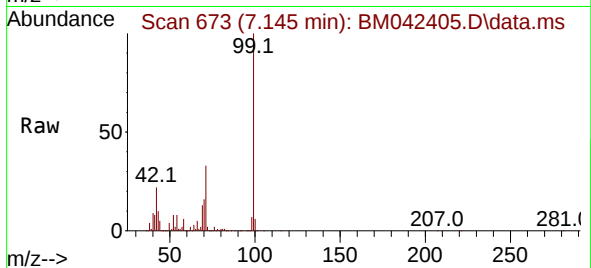




#7
Phenol-d6
Concen: 35.978 ng
RT: 7.145 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042405.D
Acq: 23 Oct 2023 16:56

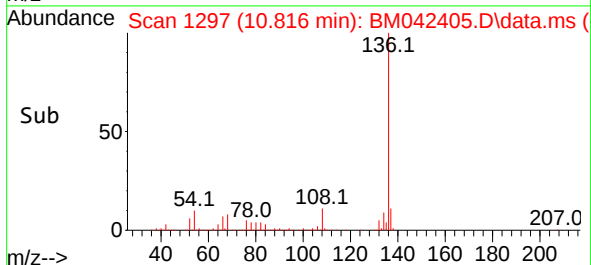
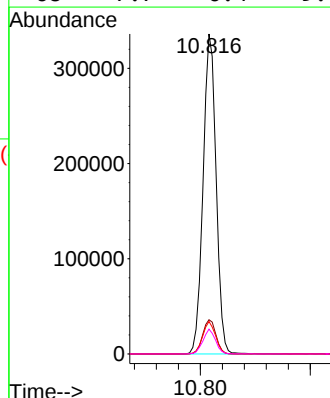
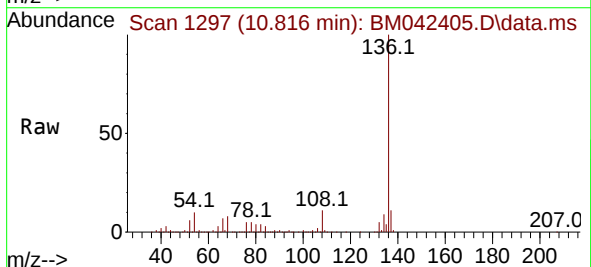
Instrument :
BNA_M
ClientSampleId :

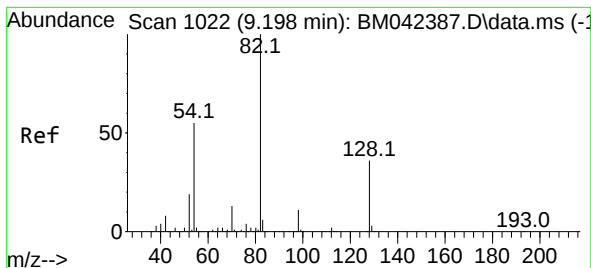
Tgt Ion: 99 Resp: 483036
Ion Ratio Lower Upper
99 100
42 21.6 18.5 27.7
71 33.1 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM042405.D
Acq: 23 Oct 2023 16:56

Tgt Ion: 136 Resp: 552880
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 10.2 8.6 12.8
68 7.7 6.4 9.6





#23

Nitrobenzene-d5

Concen: 88.644 ng

RT: 9.192 min Scan# 110

Delta R.T. -0.006 min

Lab File: BM042405.D

Acq: 23 Oct 2023 16:56

Instrument :

BNA_M

ClientSampleId :

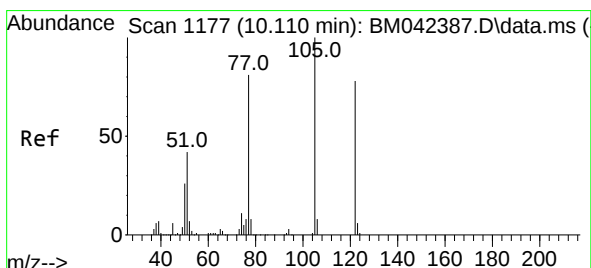
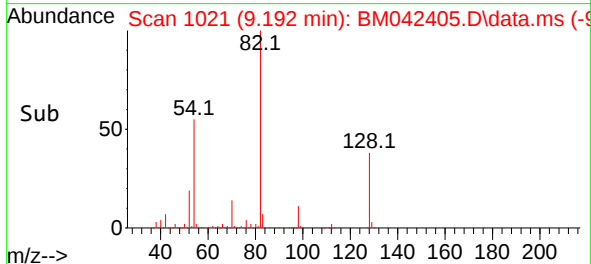
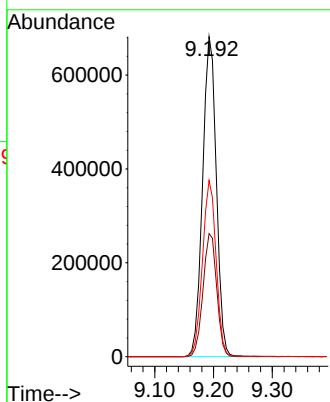
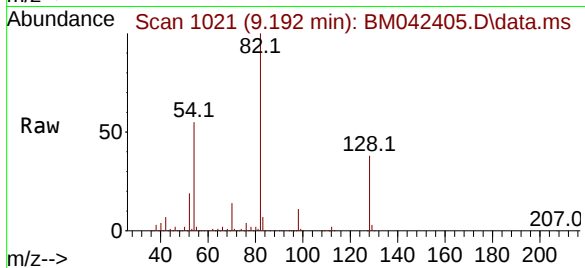
Tgt Ion: 82 Resp: 1108324

Ion Ratio Lower Upper

82 100

128 38.4 29.0 43.6

54 55.1 43.7 65.5



#32

Benzoic acid

Concen: 5.333 ng

RT: 10.051 min Scan# 1167

Delta R.T. -0.059 min

Lab File: BM042405.D

Acq: 23 Oct 2023 16:56

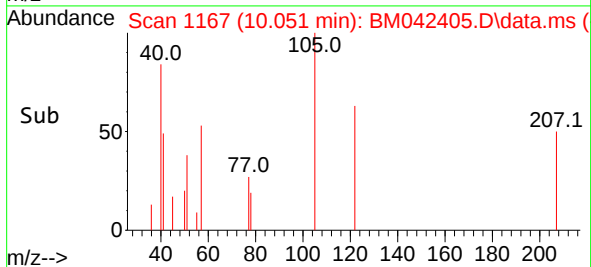
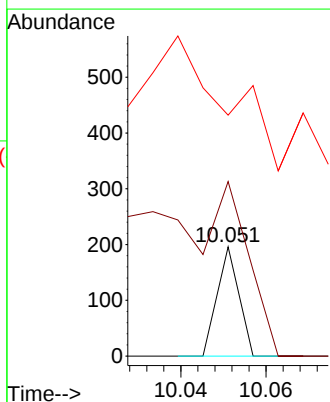
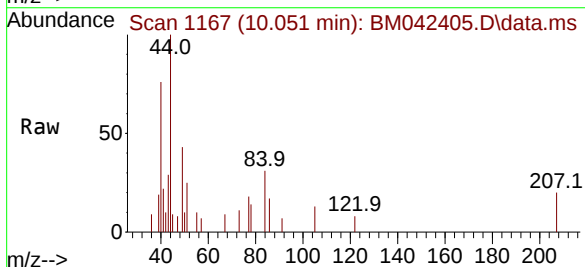
Tgt Ion:122 Resp: 69

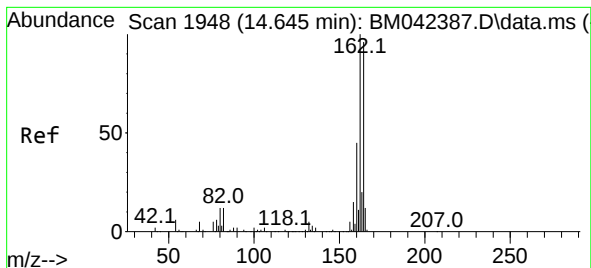
Ion Ratio Lower Upper

122 100

105 159.7 104.9 144.9#

77 220.4 83.4 123.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.639 min Scan# 1947

Delta R.T. -0.006 min

Lab File: BM042405.D

Acq: 23 Oct 2023 16:56

Instrument :

BNA_M

ClientSampleId :

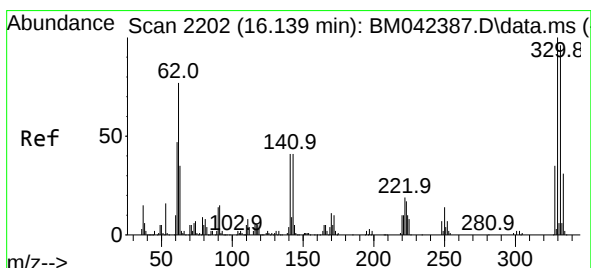
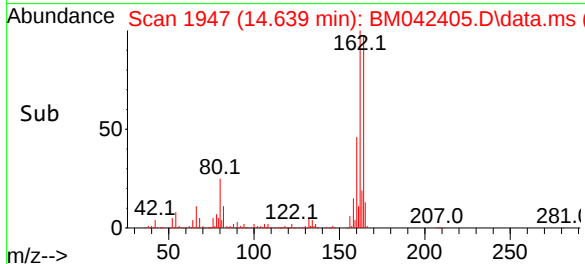
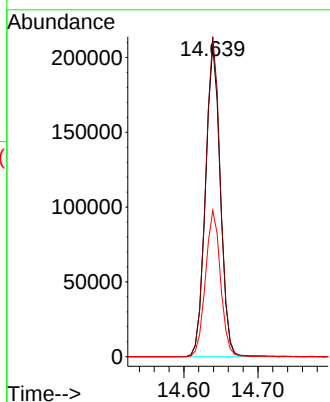
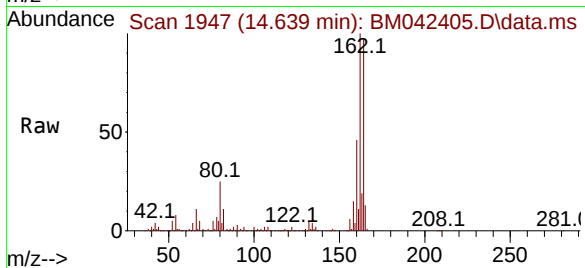
Tgt Ion:164 Resp: 288227

Ion Ratio Lower Upper

164 100

162 102.9 83.0 124.4

160 47.0 37.0 55.4



#42

2,4,6-Tribromophenol

Concen: 126.706 ng

RT: 16.133 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BM042405.D

Acq: 23 Oct 2023 16:56

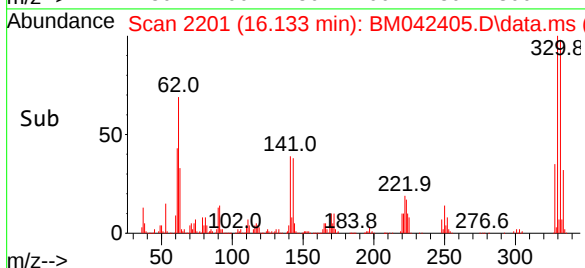
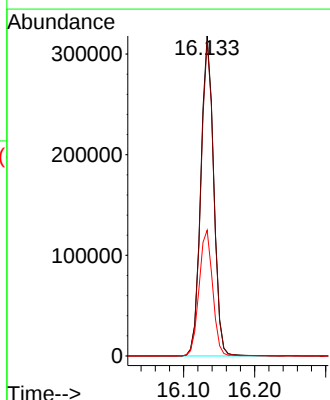
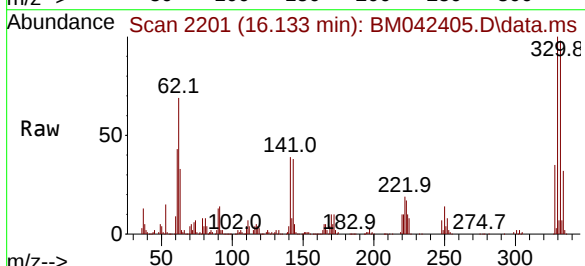
Tgt Ion:330 Resp: 402513

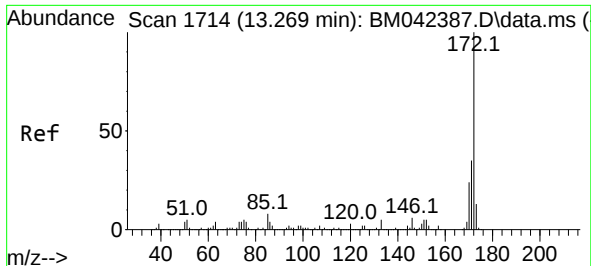
Ion Ratio Lower Upper

330 100

332 97.8 77.6 116.4

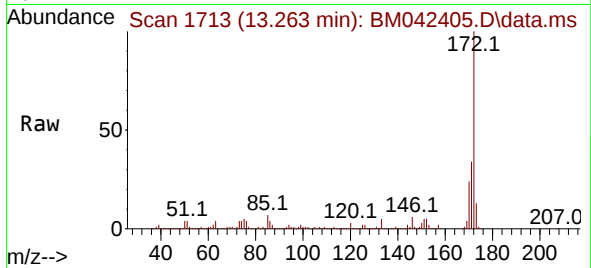
141 41.3 38.0 57.0



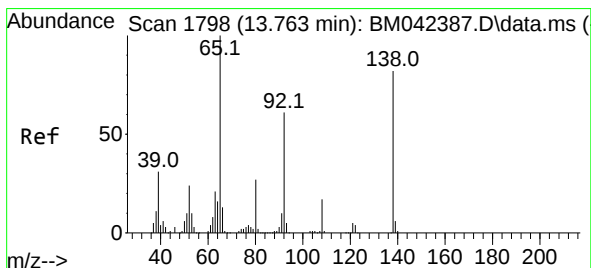
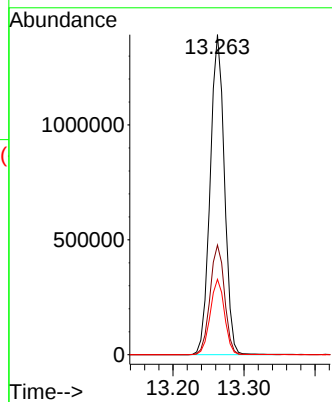
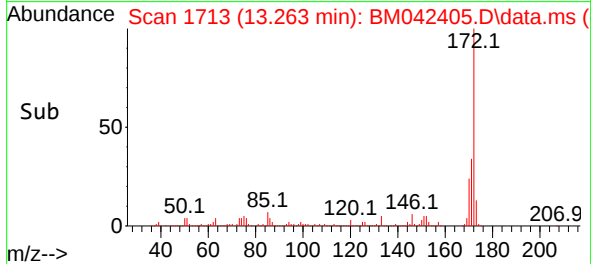


#45
2-Fluorobiphenyl
Concen: 90.958 ng
RT: 13.263 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BM042405.D
Acq: 23 Oct 2023 16:56

Instrument :
BNA_M
ClientSampleId :

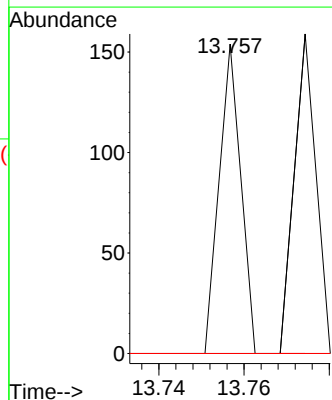
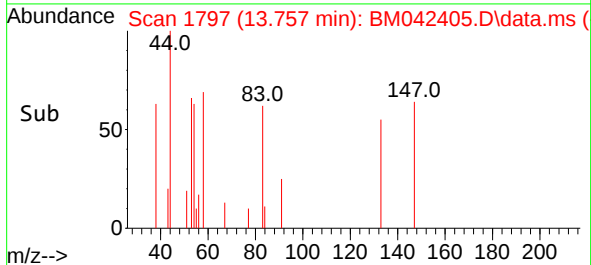
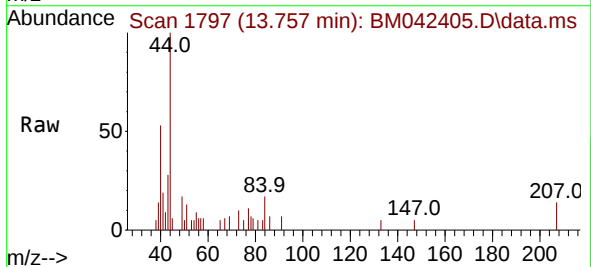


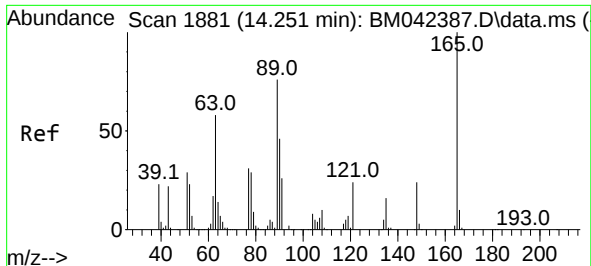
Tgt Ion:172 Resp: 1946853
Ion Ratio Lower Upper
172 100
171 34.3 28.1 42.1
170 23.5 18.9 28.3



#48
2-Nitroaniline
Concen: 3.647 ng
RT: 13.757 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BM042405.D
Acq: 23 Oct 2023 16:56

Tgt Ion: 65 Resp: 54
Ion Ratio Lower Upper
65 100
92 0.0 49.0 73.6#
138 0.0 65.5 98.3#





#51

2,6-Dinitrotoluene

Concen: 2.998 ng

RT: 14.104 min Scan# 1

Delta R.T. -0.147 min

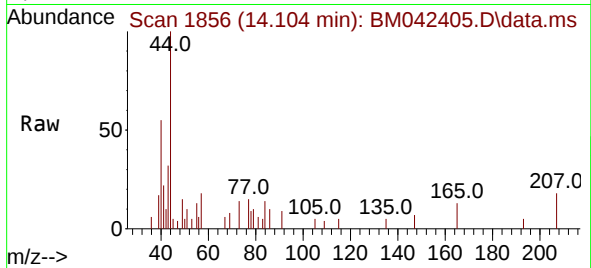
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Acq: 23 Oct 2023 16:56

Instrument :

BNA_M

ClientSampleId :



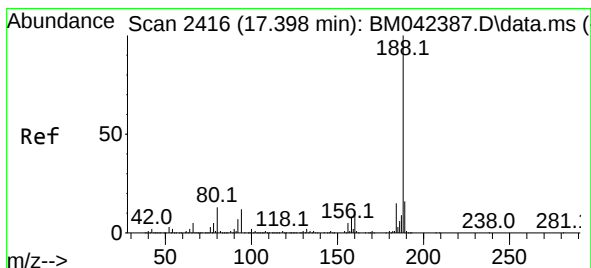
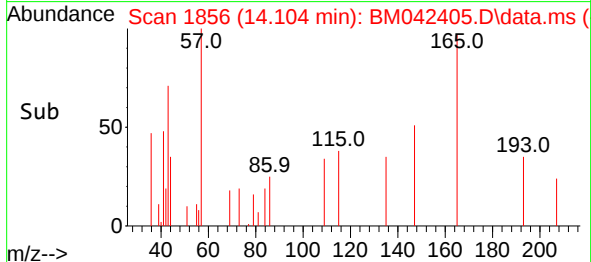
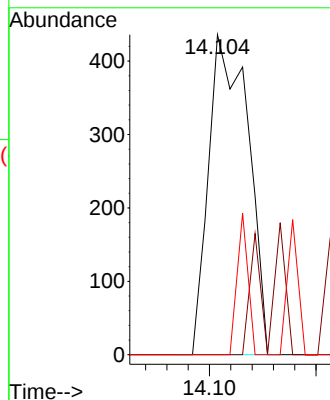
Tgt Ion:165 Resp: 561

Ion Ratio Lower Upper

165 100

63 0.0 65.3 97.9#

89 0.0 60.6 91.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.392 min Scan# 2415

Delta R.T. -0.006 min

Lab File: BM042405.D

Acq: 23 Oct 2023 16:56

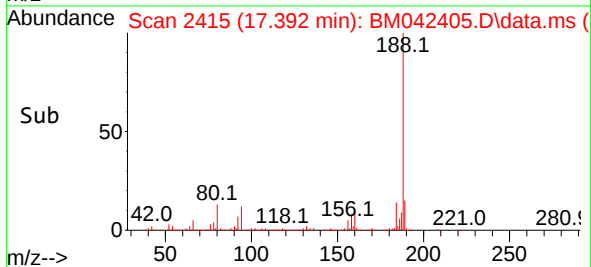
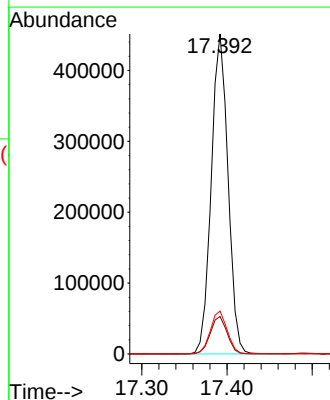
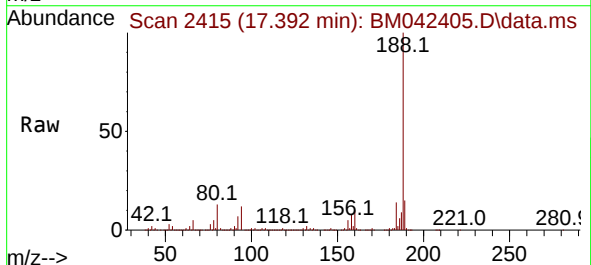
Tgt Ion:188 Resp: 615991

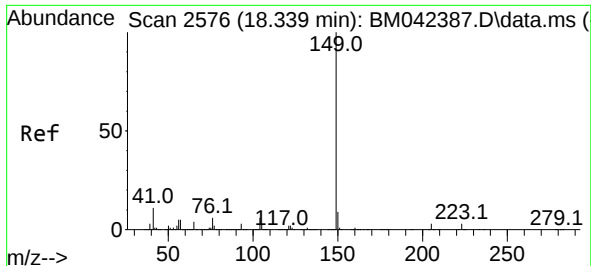
Ion Ratio Lower Upper

188 100

94 11.7 9.4 14.0

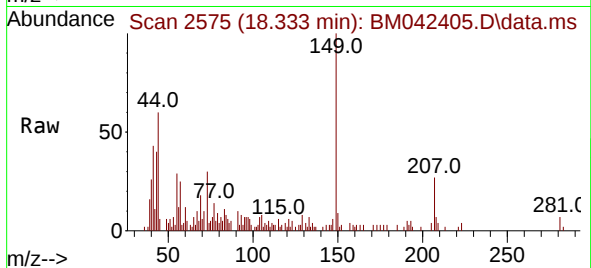
80 13.4 10.7 16.1



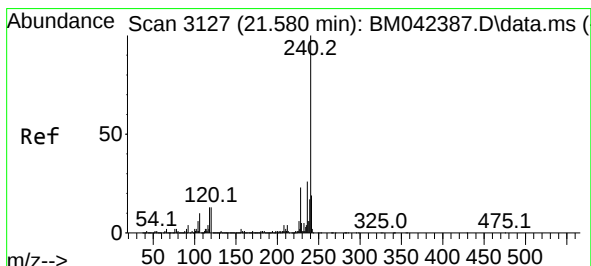
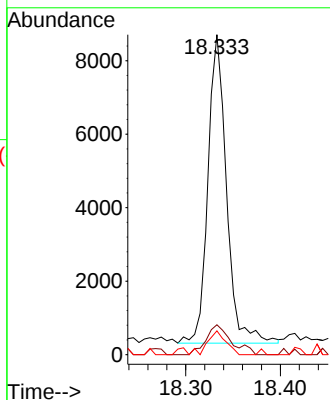
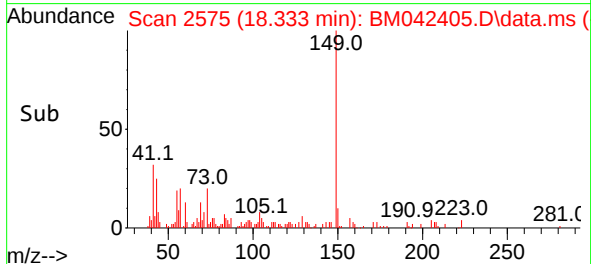


#74
Di-n-butylphthalate
Concen: 3.091 ng
RT: 18.333 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042405.D
Acq: 23 Oct 2023 16:56

Instrument :
BNA_M
ClientSampleId :

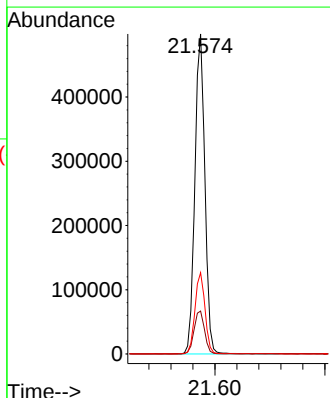
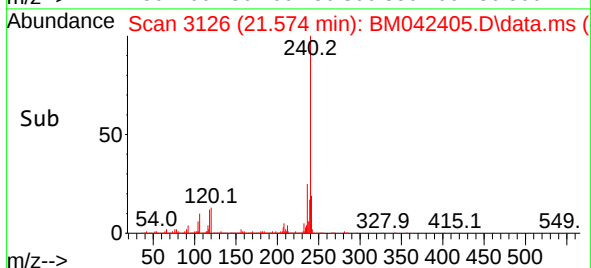
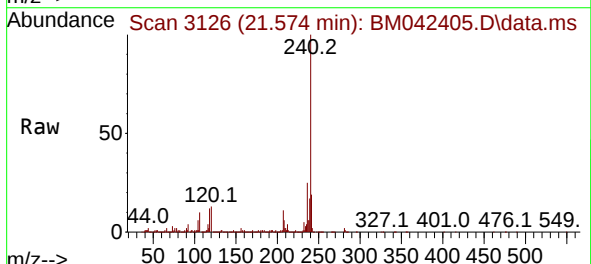


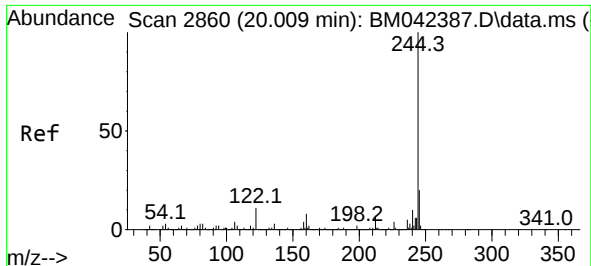
Tgt Ion:149 Resp: 11460
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 7.5 4.6 7.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BM042405.D
Acq: 23 Oct 2023 16:56

Tgt Ion:240 Resp: 630045
Ion Ratio Lower Upper
240 100
120 13.4 10.7 16.1
236 25.4 20.7 31.1

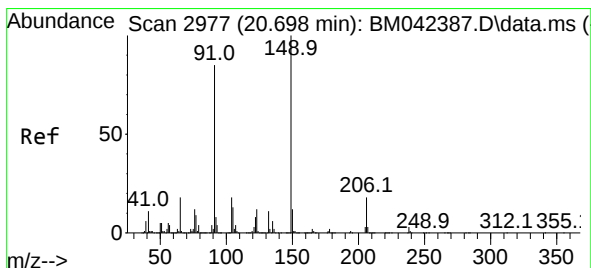
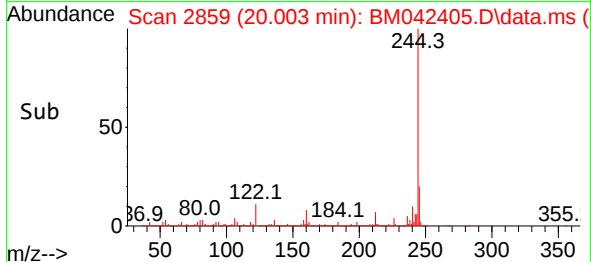
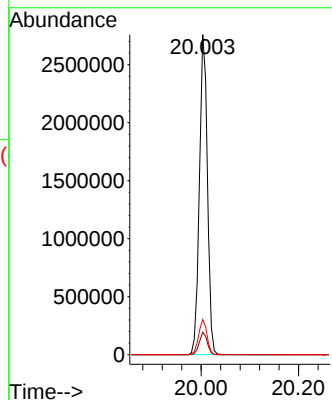
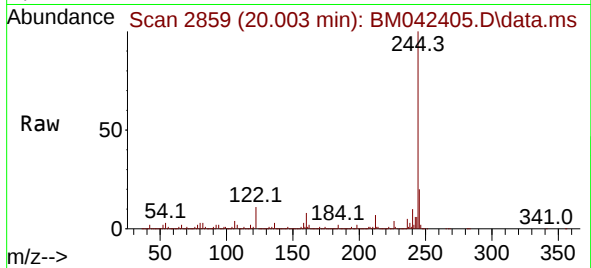




#79
 Terphenyl-d14
 Concen: 89.223 ng
 RT: 20.003 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042405.D
 Acq: 23 Oct 2023 16:56

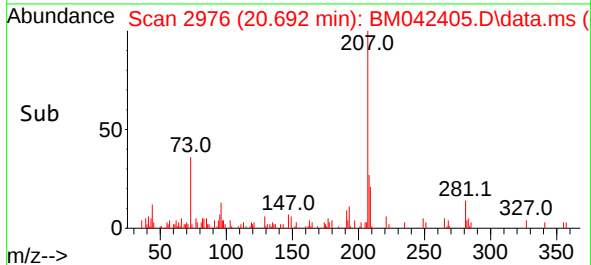
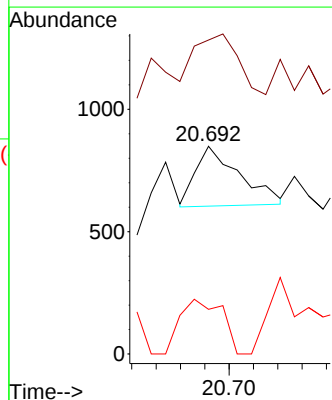
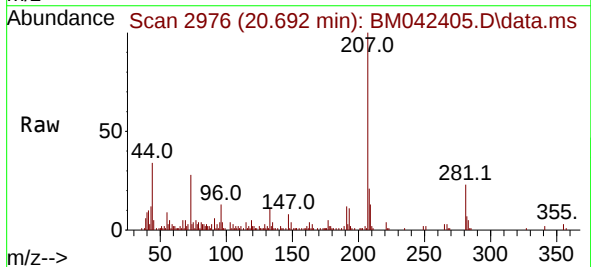
Instrument :
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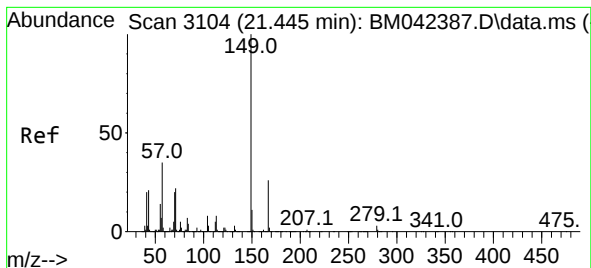
Tgt Ion:244 Resp: 3169711
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.9 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 3.273 ng
 RT: 20.692 min Scan# 2976
 Delta R.T. -0.006 min
 Lab File: BM042405.D
 Acq: 23 Oct 2023 16:56

Tgt Ion:149 Resp: 308
 Ion Ratio Lower Upper
 149 100
 91 151.1 68.3 102.5#
 206 21.6 14.6 22.0

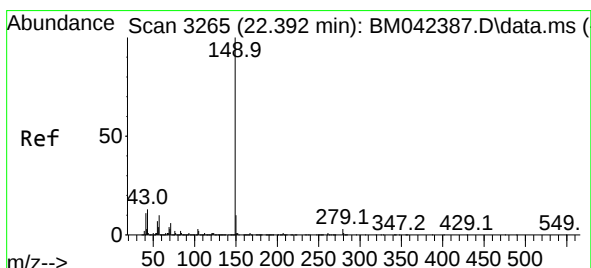
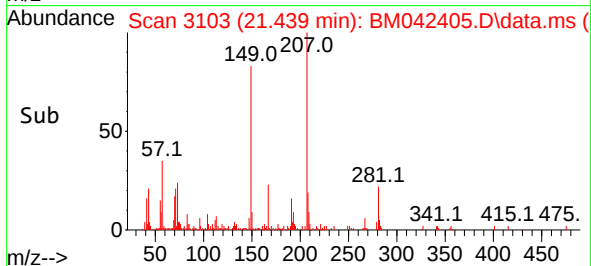
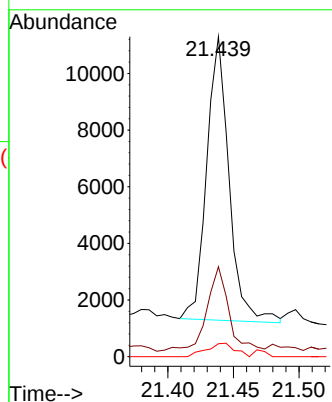
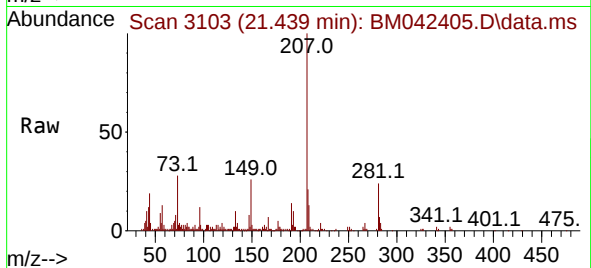




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.757 ng
 RT: 21.439 min Scan# 3103
 Delta R.T. -0.006 min
 Lab File: BM042405.D
 Acq: 23 Oct 2023 16:56

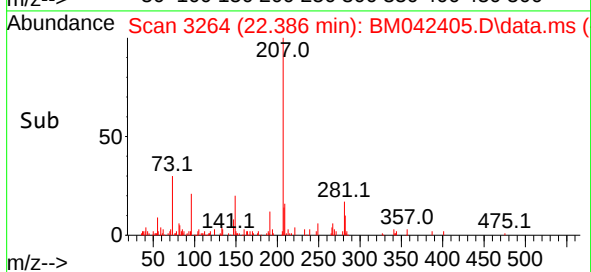
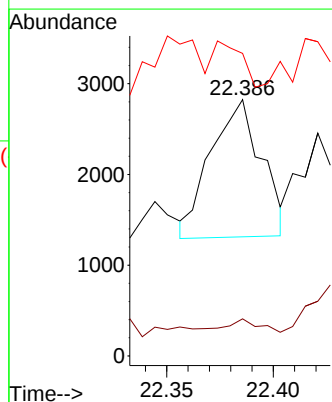
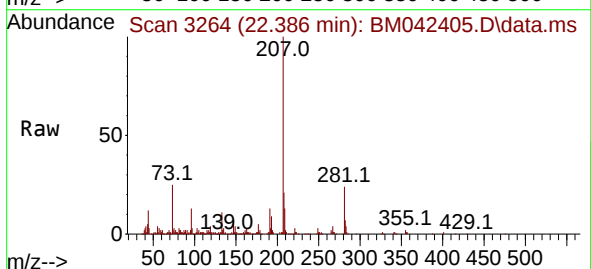
Instrument :
 BNA_M
 ClientSampleId :

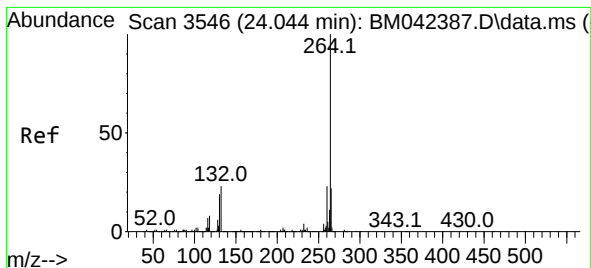
Tgt Ion:149 Resp: 11862
 Ion Ratio Lower Upper
 149 100
 167 28.1 20.9 31.3
 279 4.0 2.7 4.1



#85
 Di-n-octyl phthalate
 Concen: 4.265 ng
 RT: 22.386 min Scan# 3264
 Delta R.T. -0.006 min
 Lab File: BM042405.D
 Acq: 23 Oct 2023 16:56

Tgt Ion:149 Resp: 2500
 Ion Ratio Lower Upper
 149 100
 167 5.8 1.2 1.8#
 43 16.4 11.0 16.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.038 min Scan# 3

Delta R.T. -0.006 min

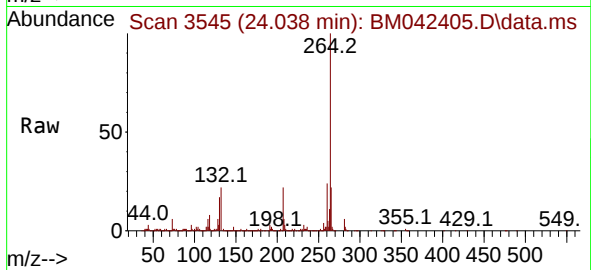
Lab File: BM042405.D

Acq: 23 Oct 2023 16:56

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:264 Resp: 689469

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 22.1 17.8 26.8

