

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
 Data File : BM042419.D
 Acq On : 24 Oct 2023 14:50
 Operator : MA/JU
 Sample : 04977-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NB-406-COMP-01

Quant Time: Oct 24 16:11:55 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)

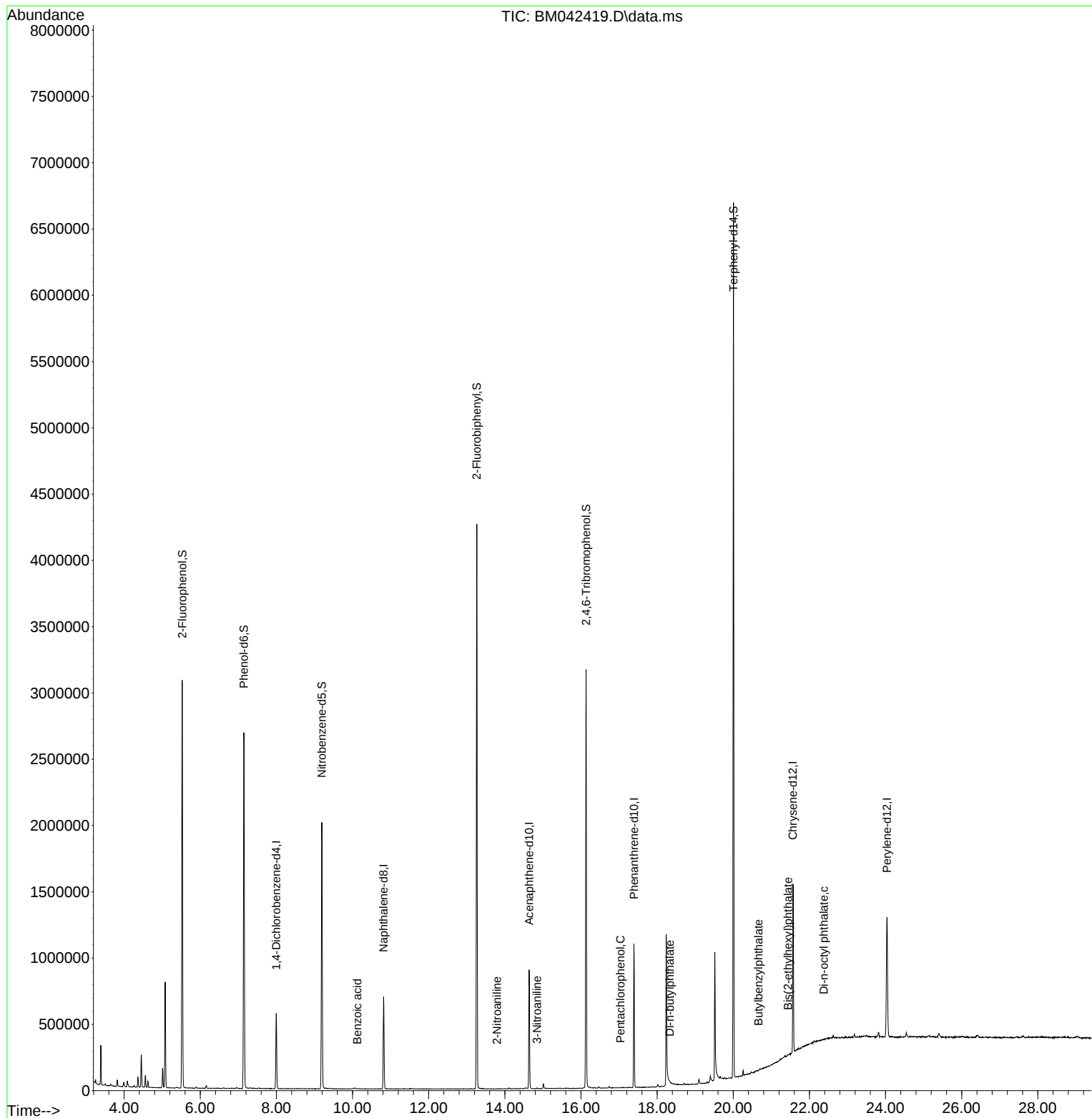
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	144449	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	537556	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	285525	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	598130	20.000	ng	0.00
76) Chrysene-d12	21.568	240	594611	20.000	ng	-0.01
86) Perylene-d12	24.038	264	686416	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1225226	119.878	ng	0.00
7) Phenol-d6	7.145	99	1443119	105.362	ng	0.00
23) Nitrobenzene-d5	9.192	82	1089113	89.591	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	515830	161.199	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	2055988	96.966	ng	0.00
79) Terphenyl-d14	20.003	244	2889362	86.178	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.122	122	117	5.340	ng	# 1
48) 2-Nitroaniline	13.792	65	56	3.647	ng	# 13
53) 3-Nitroaniline	14.845	138	534	3.354	ng	# 44
70) Pentachlorophenol	17.033	266	175	6.019	ng	# 19
74) Di-n-butylphthalate	18.333	149	4353	2.924	ng	# 96
80) Butylbenzylphthalate	20.662	149	852	3.301	ng	# 52
84) Bis(2-ethylhexyl)phtha...	21.439	149	3761	3.499	ng	# 90
85) Di-n-octyl phthalate	22.374	149	149	4.222	ng	# 32

(#) = 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

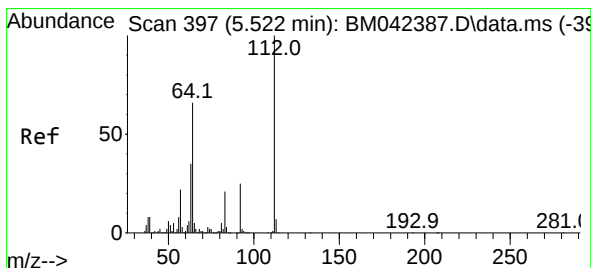
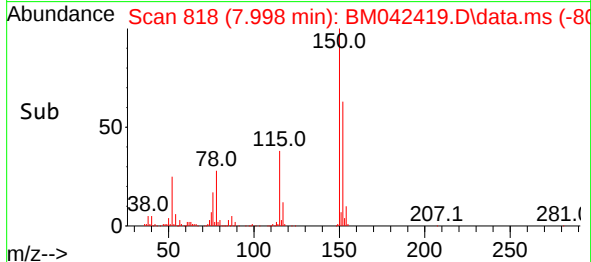
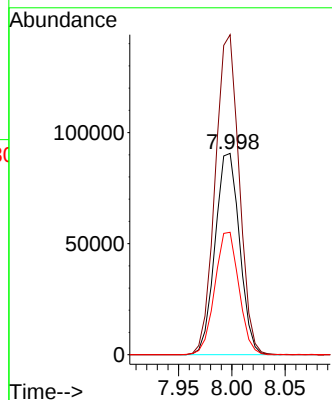
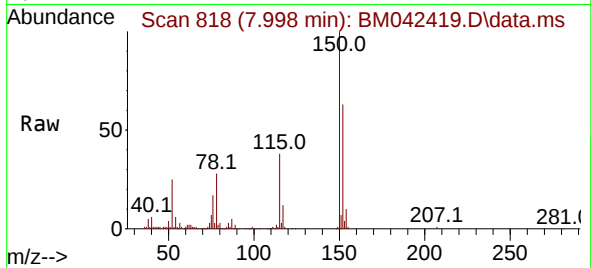




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.998 min Scan# 818
 Delta R.T. 0.000 min
 Lab File: BM042419.D
 Acq: 24 Oct 2023 14:50

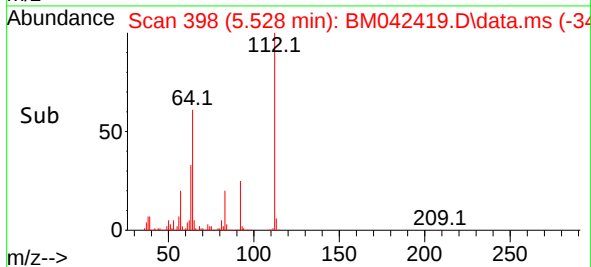
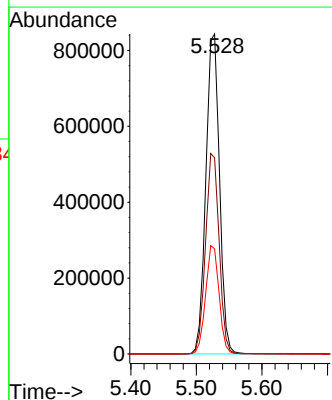
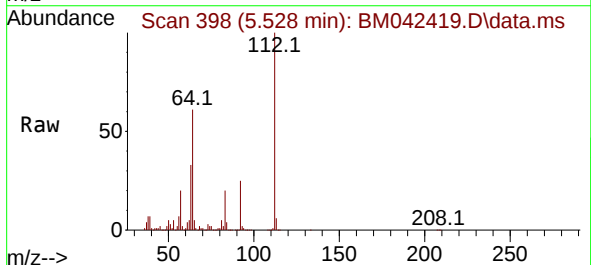
Instrument :
 BNA_M
 ClientSampleId :
 NB-406-COMP-01

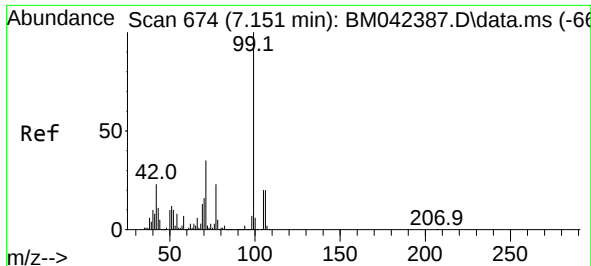
Tgt Ion:152 Resp: 144449
 Ion Ratio Lower Upper
 152 100
 150 159.0 126.2 189.4
 115 60.8 51.9 77.9



#5
 2-Fluorophenol
 Concen: 119.878 ng
 RT: 5.528 min Scan# 398
 Delta R.T. 0.006 min
 Lab File: BM042419.D
 Acq: 24 Oct 2023 14:50

Tgt Ion:112 Resp: 1225226
 Ion Ratio Lower Upper
 112 100
 64 61.3 52.7 79.1
 63 32.8 28.3 42.5



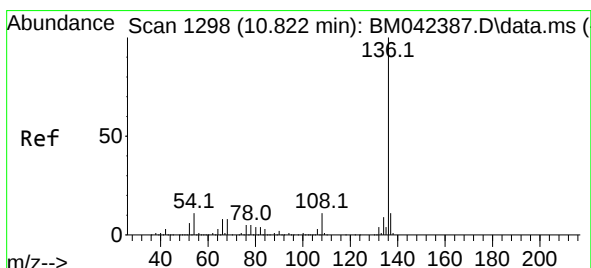
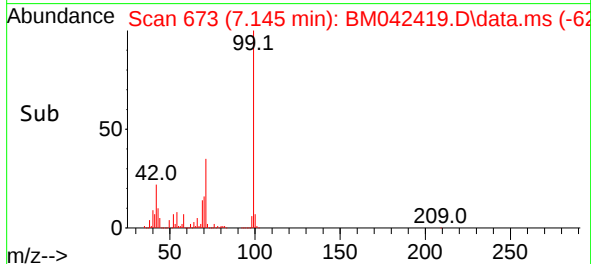
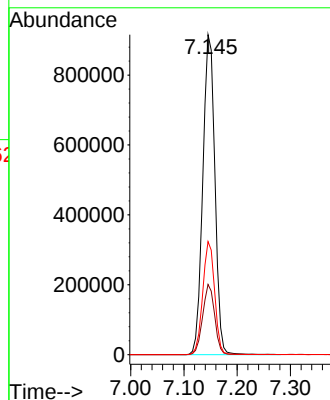
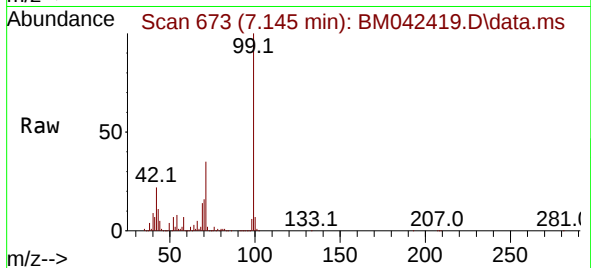


#7
Phenol-d6
Concen: 105.362 ng
RT: 7.145 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042419.D
Acq: 24 Oct 2023 14:50

Instrument :
BNA_M
ClientSampleId :
NB-406-COMP-01

Tgt Ion: 99 Resp: 1443119

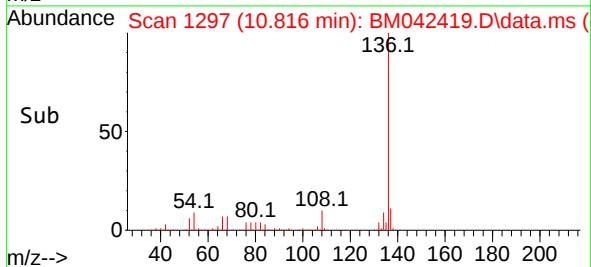
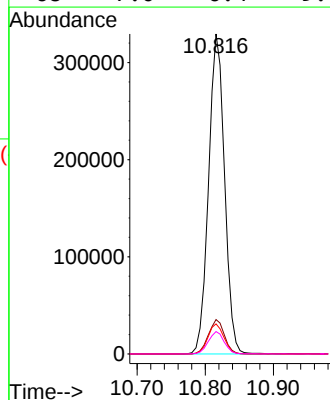
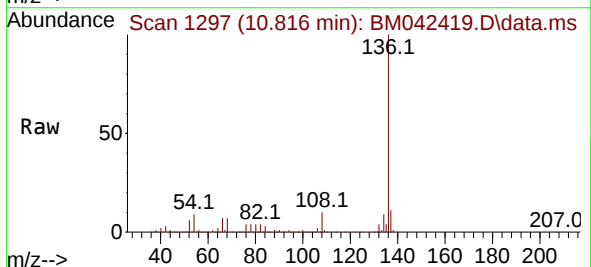
Ion	Ratio	Lower	Upper
99	100		
42	21.9	18.5	27.7
71	35.4	27.7	41.5

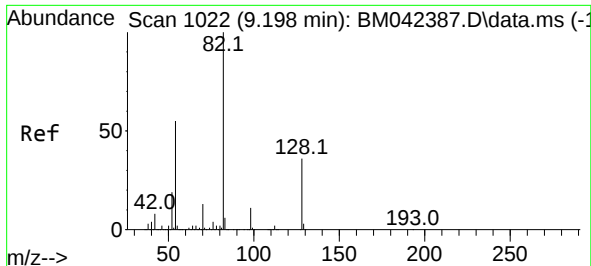


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM042419.D
Acq: 24 Oct 2023 14:50

Tgt Ion: 136 Resp: 537556

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	9.4	8.6	12.8
68	7.0	6.4	9.6

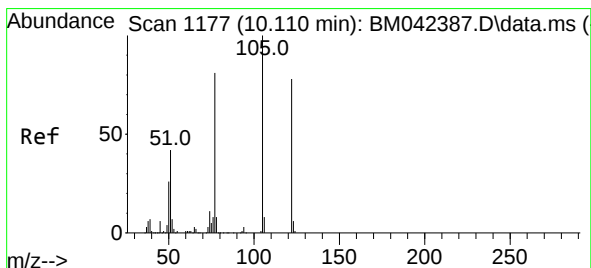
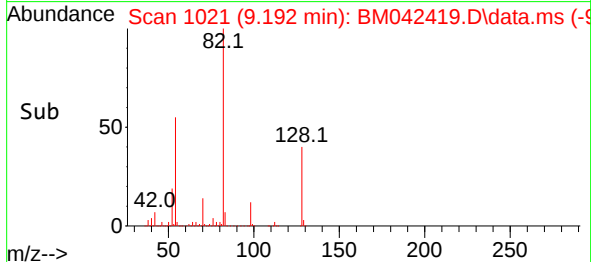
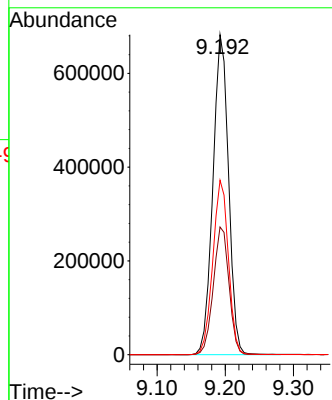
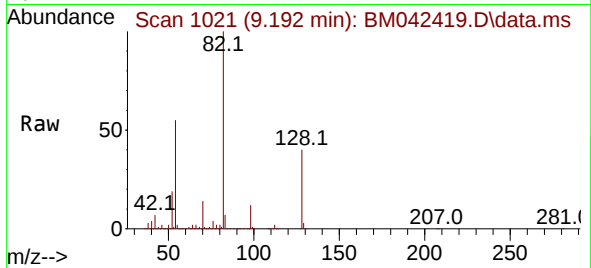




#23
Nitrobenzene-d5
Concen: 89.591 ng
RT: 9.192 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BM042419.D
Acq: 24 Oct 2023 14:50

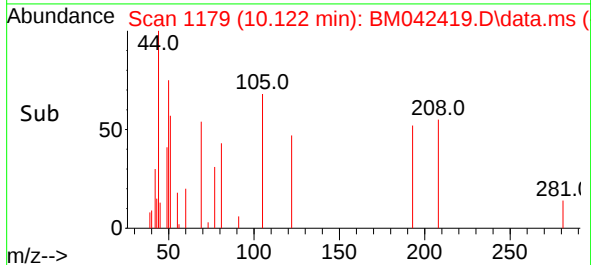
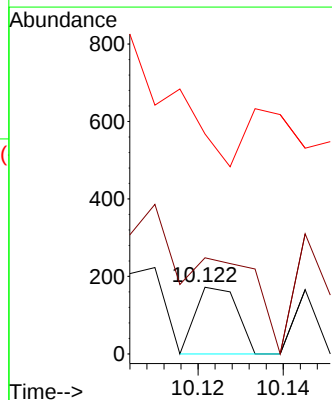
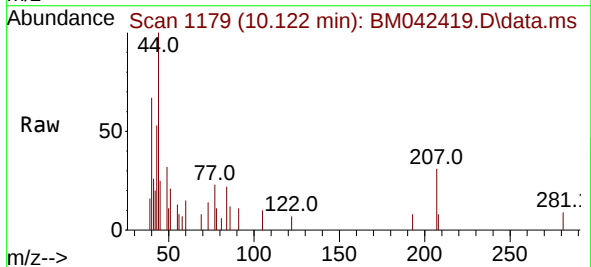
Instrument :
BNA_M
ClientSampleId :
NB-406-COMP-01

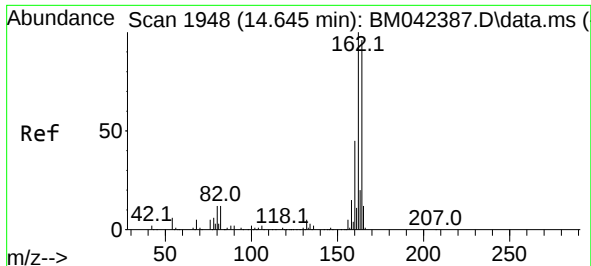
Tgt Ion: 82 Resp: 1089113
Ion Ratio Lower Upper
82 100
128 39.9 29.0 43.6
54 54.5 43.7 65.5



#32
Benzoic acid
Concen: 5.340 ng
RT: 10.122 min Scan# 1179
Delta R.T. 0.012 min
Lab File: BM042419.D
Acq: 24 Oct 2023 14:50

Tgt Ion:122 Resp: 117
Ion Ratio Lower Upper
122 100
105 144.2 104.9 144.9
77 330.2 83.4 123.4#

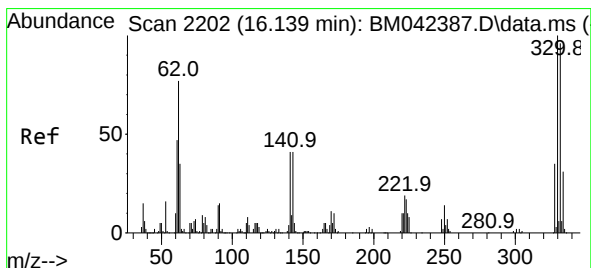
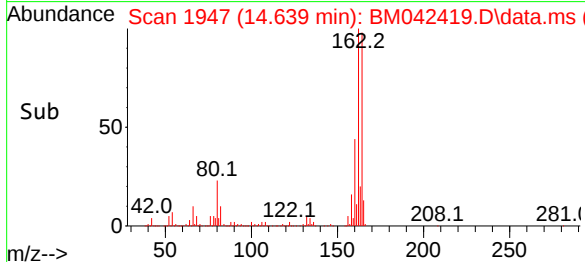
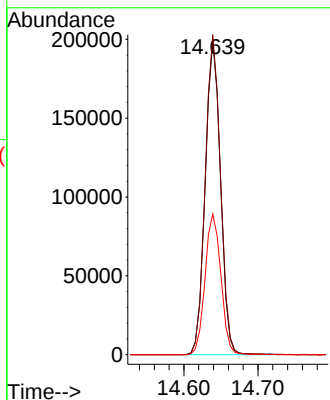
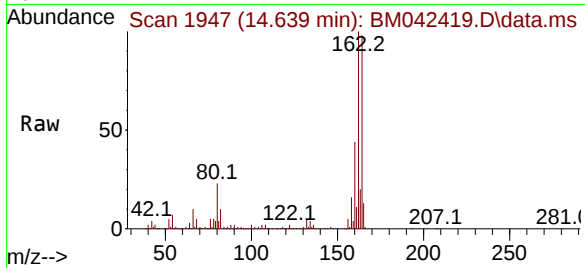




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.639 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BM042419.D
Acq: 24 Oct 2023 14:50

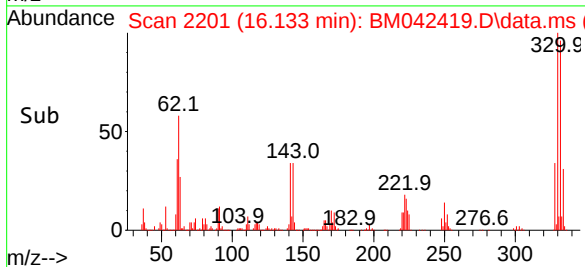
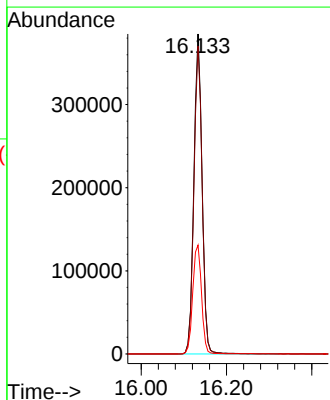
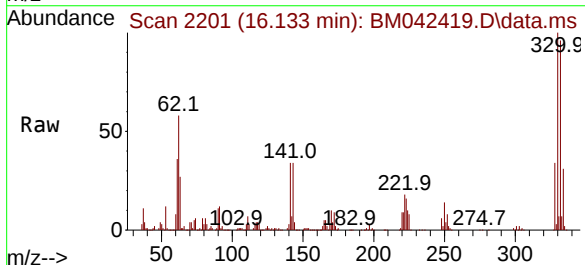
Instrument :
BNA_M
ClientSampleId :
NB-406-COMP-01

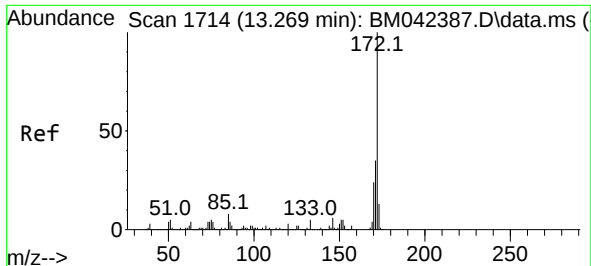
Tgt Ion:164 Resp: 285525
Ion Ratio Lower Upper
164 100
162 102.0 83.0 124.4
160 44.8 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 161.199 ng
RT: 16.133 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BM042419.D
Acq: 24 Oct 2023 14:50

Tgt Ion:330 Resp: 515830
Ion Ratio Lower Upper
330 100
332 96.4 77.6 116.4
141 36.4 38.0 57.0#

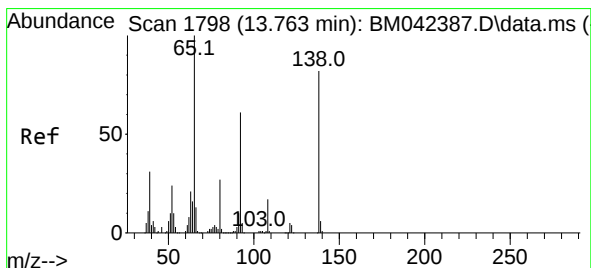
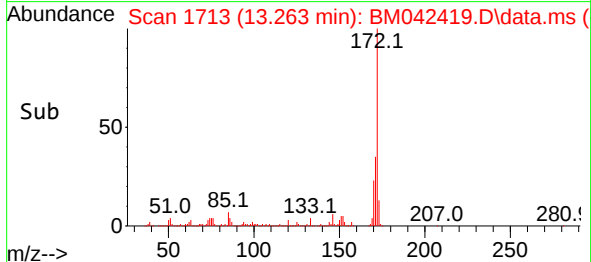
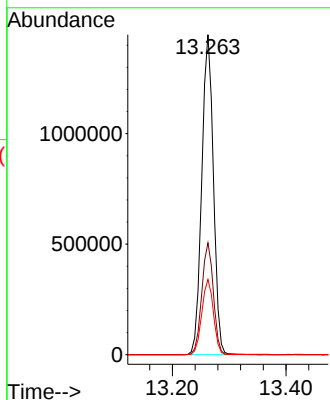
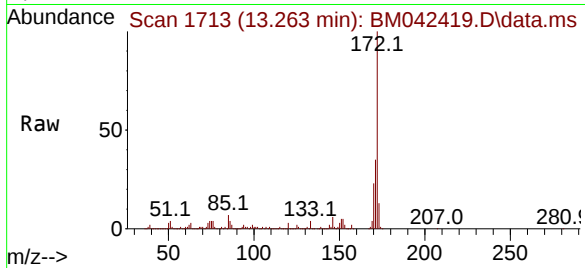




#45
2-Fluorobiphenyl
Concen: 96.966 ng
RT: 13.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042419.D
Acq: 24 Oct 2023 14:50

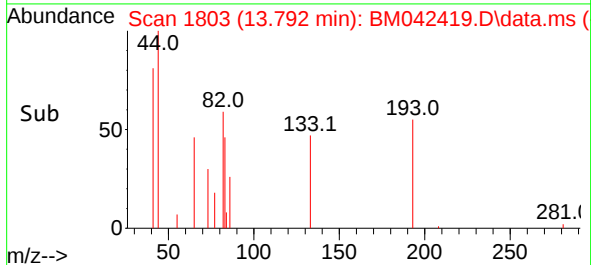
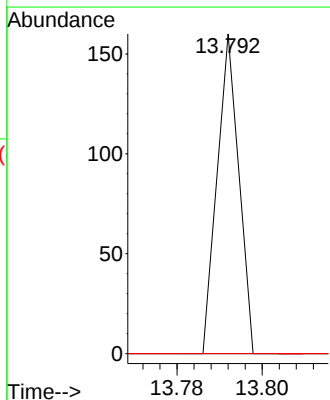
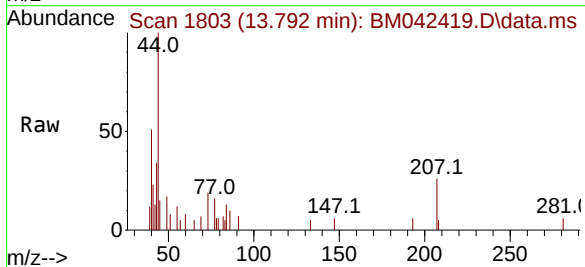
Instrument :
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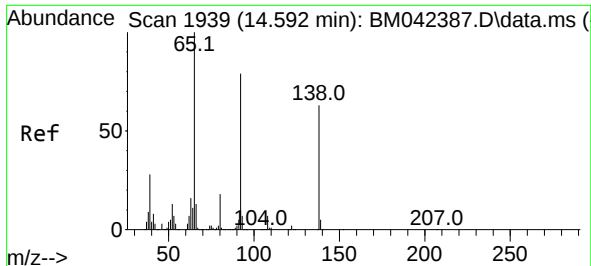
Tgt Ion:172 Resp: 2055988
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.5 18.9 28.3



#48
2-Nitroaniline
Concen: 3.647 ng
RT: 13.792 min Scan# 1803
Delta R.T. 0.029 min
Lab File: BM042419.D
Acq: 24 Oct 2023 14:50

Tgt Ion: 65 Resp: 56
Ion Ratio Lower Upper
65 100
92 0.0 49.0 73.6#
138 0.0 65.5 98.3#

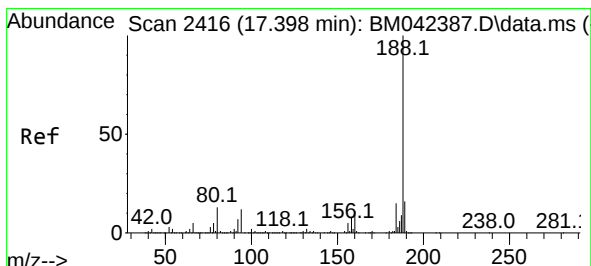
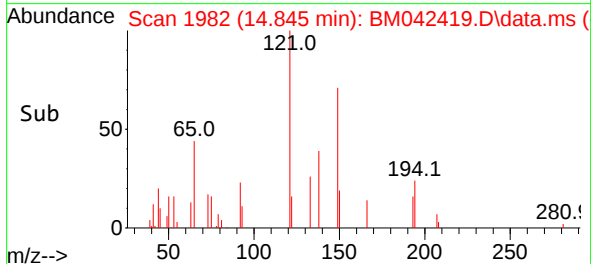
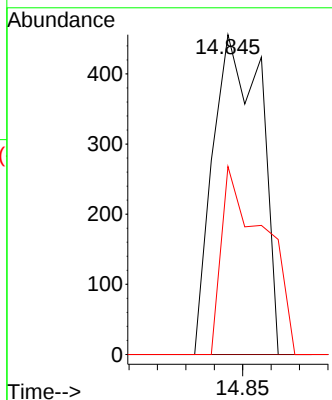
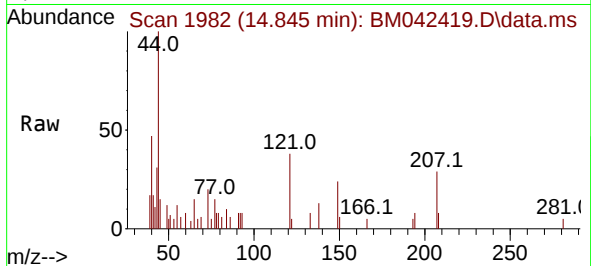




#53
3-Nitroaniline
Concen: 3.354 ng
RT: 14.845 min Scan# 1939
Delta R.T. 0.253 min
Lab File: BM042419.D
Acq: 24 Oct 2023 14:50

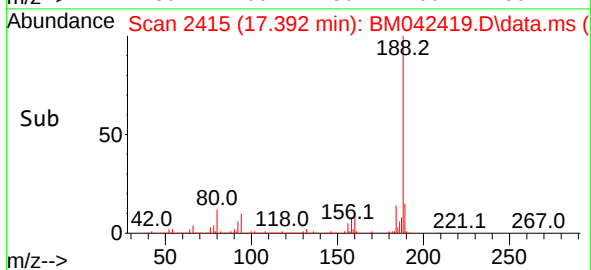
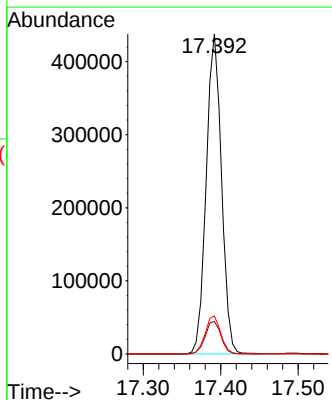
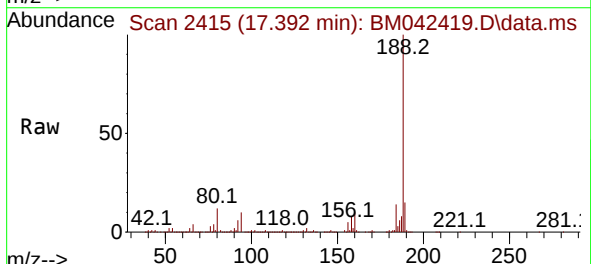
Instrument :
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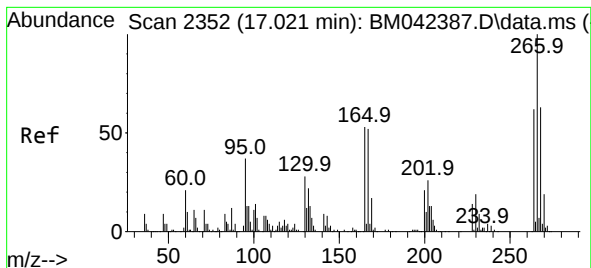
Tgt Ion:138 Resp: 534
Ion Ratio Lower Upper
138 100
108 0.0 8.3 12.5#
92 58.8 100.6 151.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.392 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM042419.D
Acq: 24 Oct 2023 14:50

Tgt Ion:188 Resp: 598130
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.0
80 11.9 10.7 16.1





#70

Pentachlorophenol

Concen: 6.019 ng

RT: 17.033 min Scan# 21

Delta R.T. 0.012 min

Lab File: BM042419.D

Acq: 24 Oct 2023 14:50

Instrument :

BNA_M

ClientSampleId :

NB-406-COMP-01

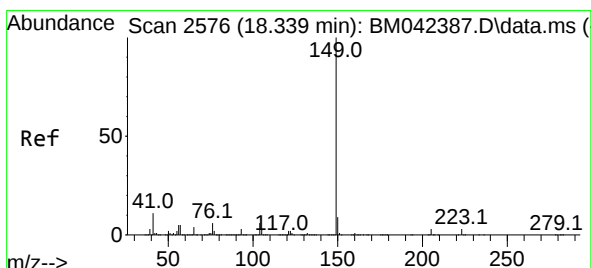
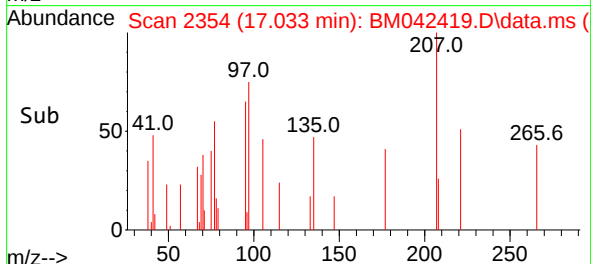
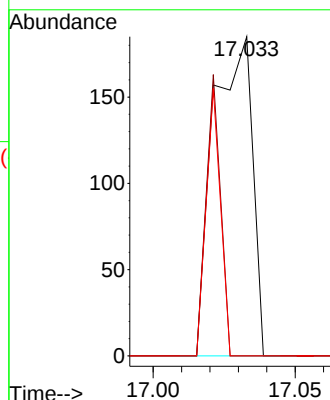
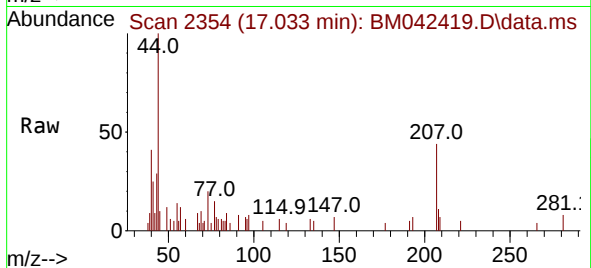
Tgt Ion:266 Resp: 175

Ion Ratio Lower Upper

266 100

268 0.0 50.6 76.0#

264 0.0 49.4 74.0#



#74

Di-n-butylphthalate

Concen: 2.924 ng

RT: 18.333 min Scan# 2575

Delta R.T. -0.006 min

Lab File: BM042419.D

Acq: 24 Oct 2023 14:50

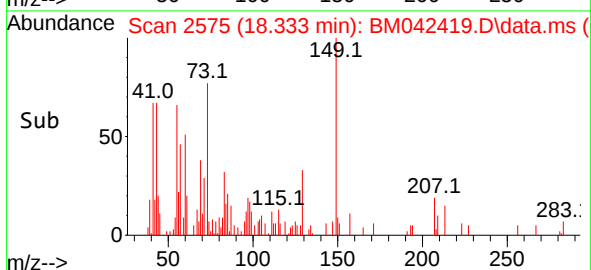
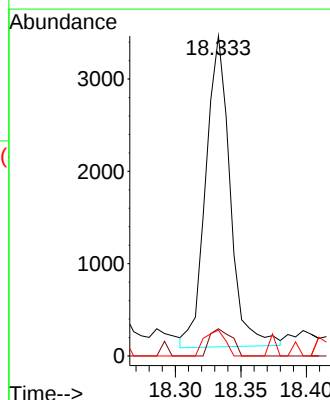
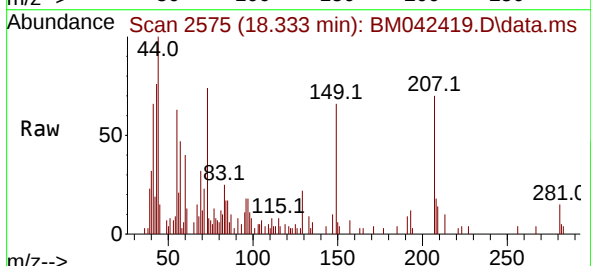
Tgt Ion:149 Resp: 4353

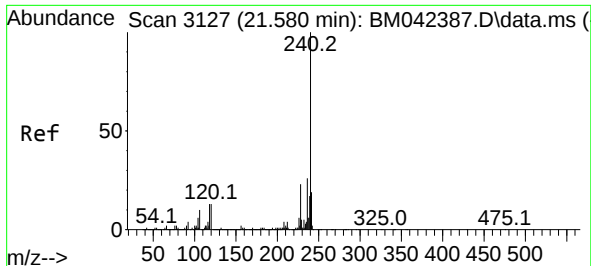
Ion Ratio Lower Upper

149 100

150 8.5 7.4 11.0

104 8.0 4.6 7.0#

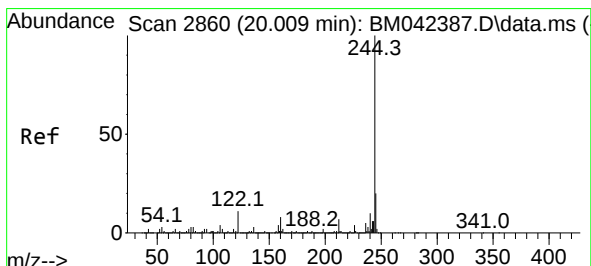
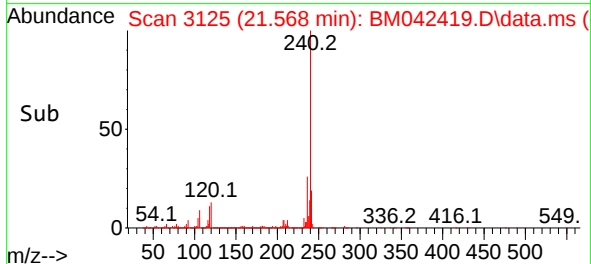
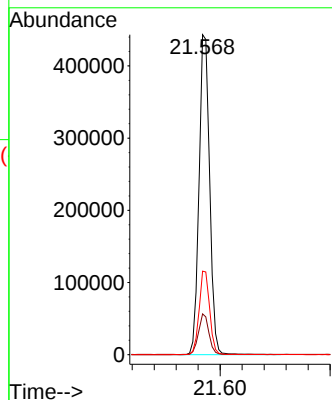
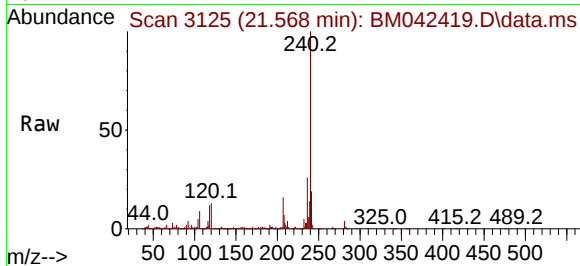




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.568 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM042419.D
Acq: 24 Oct 2023 14:50

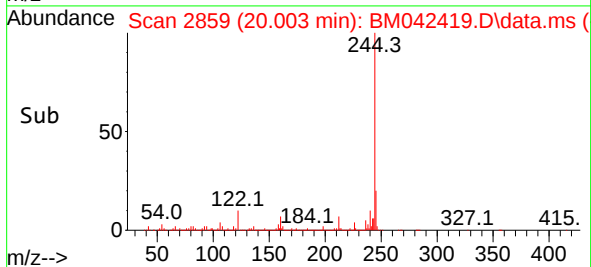
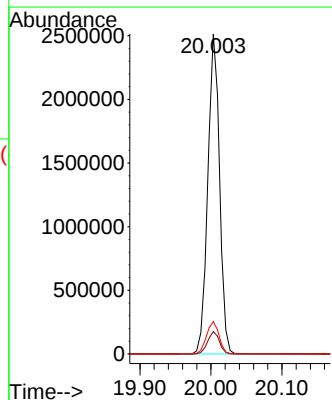
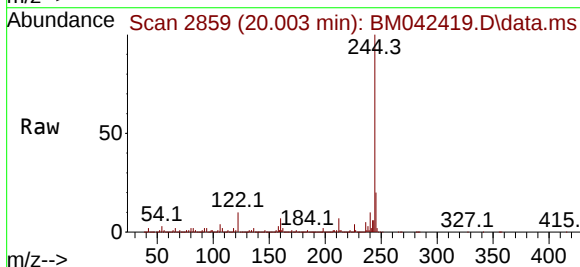
Instrument :
BNA_M
ClientSampleId :
NB-406-COMP-01

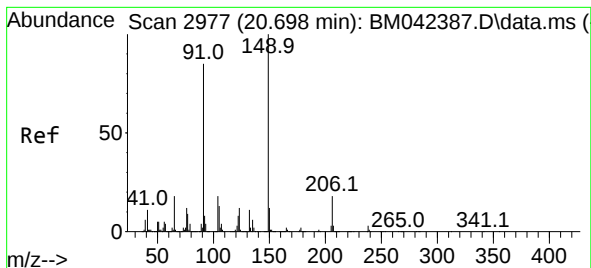
Tgt Ion:240 Resp: 594611
Ion Ratio Lower Upper
240 100
120 12.7 10.7 16.1
236 26.1 20.7 31.1



#79
Terphenyl-d14
Concen: 86.178 ng
RT: 20.003 min Scan# 2859
Delta R.T. -0.006 min
Lab File: BM042419.D
Acq: 24 Oct 2023 14:50

Tgt Ion:244 Resp: 2889362
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 10.1 8.8 13.2





#80

Butylbenzylphthalate

Concen: 3.301 ng

RT: 20.662 min Scan# 2971

Delta R.T. -0.036 min

Lab File: BM042419.D

Acq: 24 Oct 2023 14:50

Instrument :

BNA_M

ClientSampleId :

NB-406-COMP-01

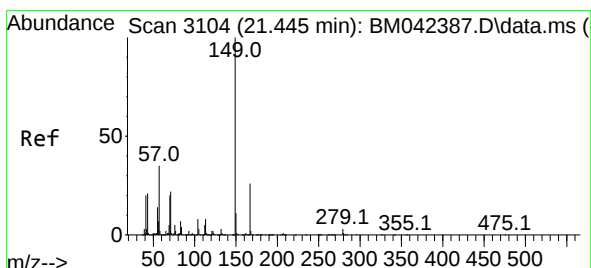
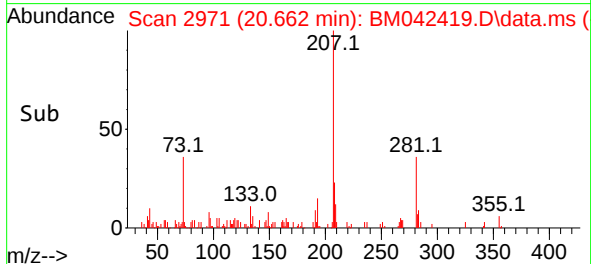
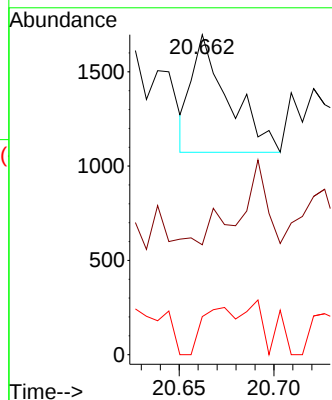
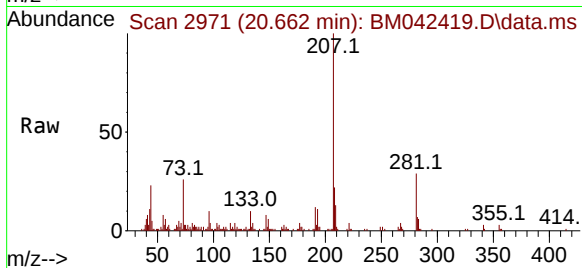
Tgt Ion:149 Resp: 852

Ion Ratio Lower Upper

149 100

91 34.4 68.3 102.5#

206 11.9 14.6 22.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.499 ng

RT: 21.439 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM042419.D

Acq: 24 Oct 2023 14:50

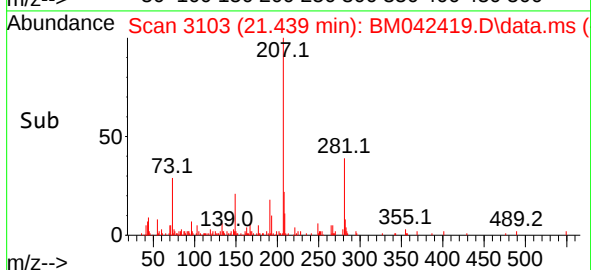
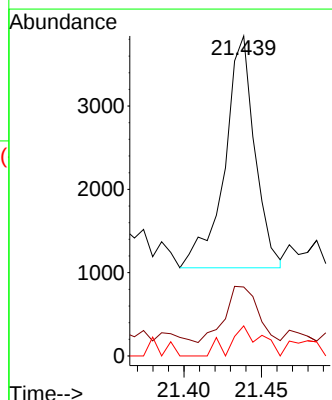
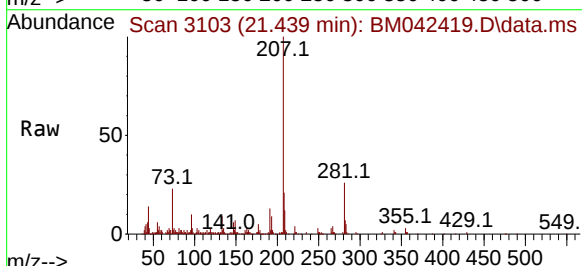
Tgt Ion:149 Resp: 3761

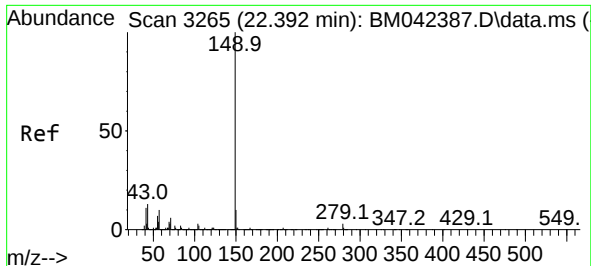
Ion Ratio Lower Upper

149 100

167 21.6 20.9 31.3

279 9.4 2.7 4.1#

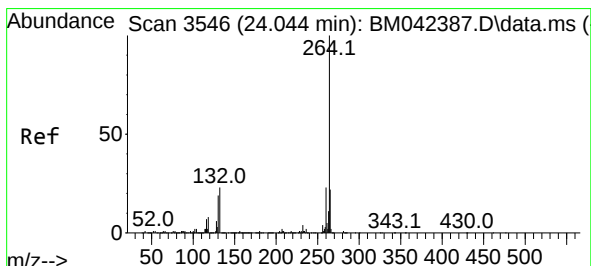
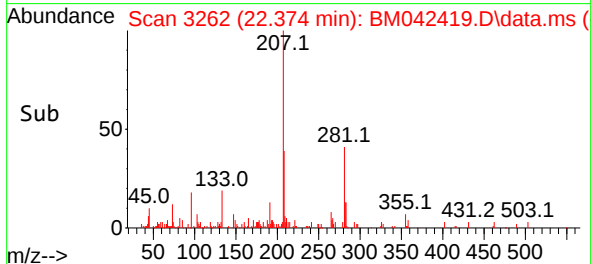
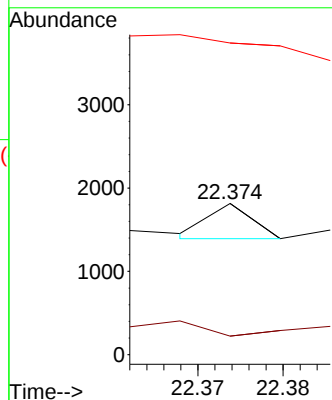
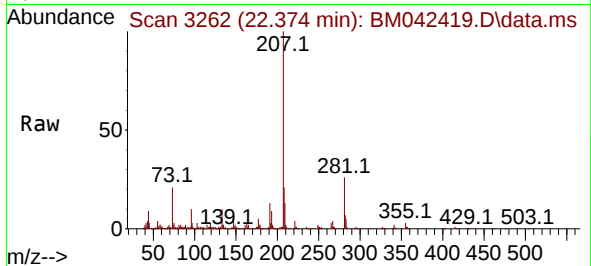




#85
Di-n-octyl phthalate
Concen: 4.222 ng
RT: 22.374 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM042419.D
Acq: 24 Oct 2023 14:50

Instrument :
BNA_M
ClientSampleId :
NB-406-COMP-01

Tgt Ion:149 Resp: 149
Ion Ratio Lower Upper
149 100
167 145.6 1.2 1.8#
43 0.0 11.0 16.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.038 min Scan# 3545
Delta R.T. -0.006 min
Lab File: BM042419.D
Acq: 24 Oct 2023 14:50

Tgt Ion:264 Resp: 686416
Ion Ratio Lower Upper
264 100
260 23.6 18.6 27.8
265 22.4 17.8 26.8

