

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 :

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)

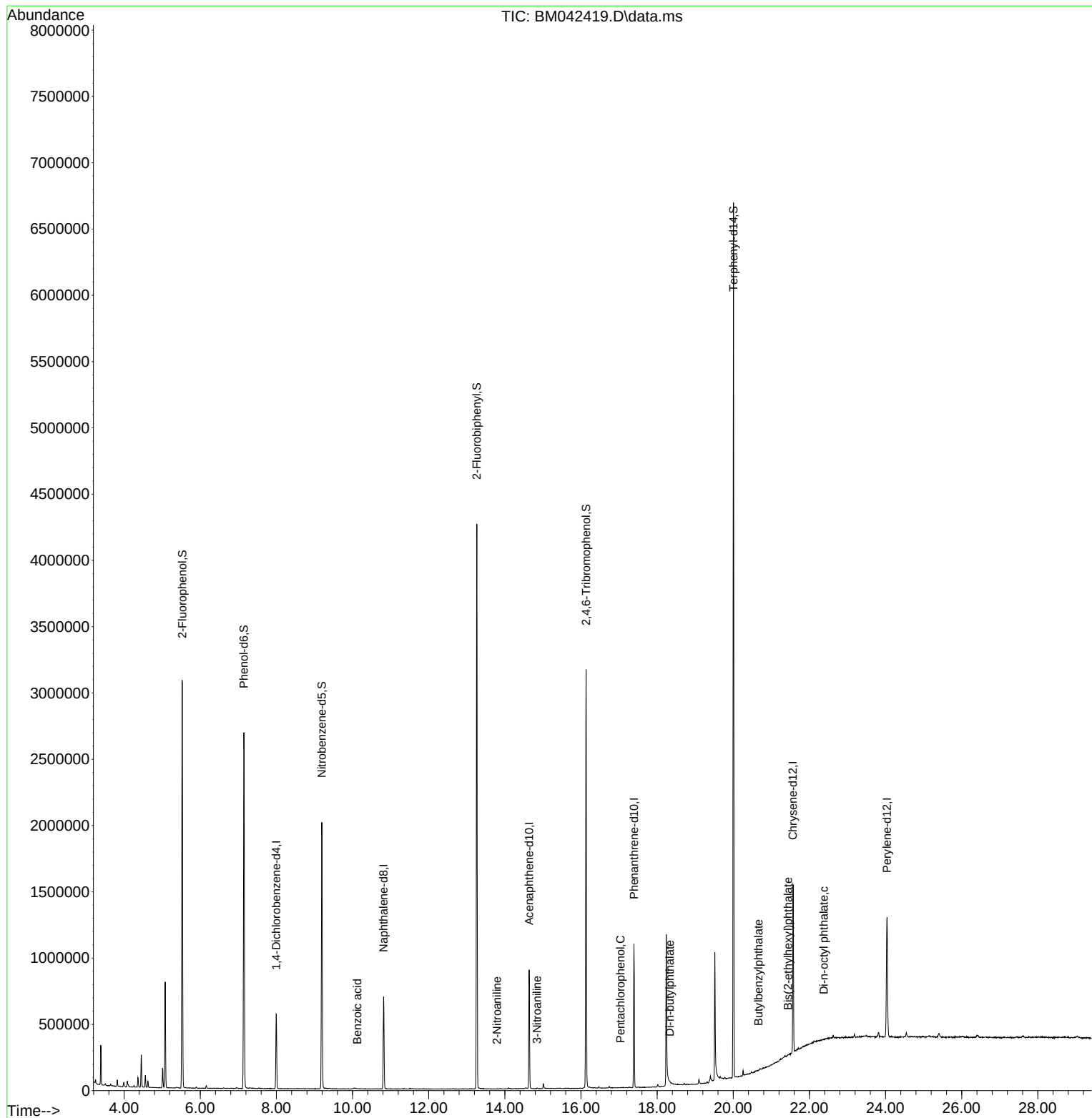
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	144449	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	537556	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	285525	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	598130	20.000	ng	0.00
76) Chrysene-d12	21.568	240	594611	20.000	ng	-0.01
86) Perylene-d12	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

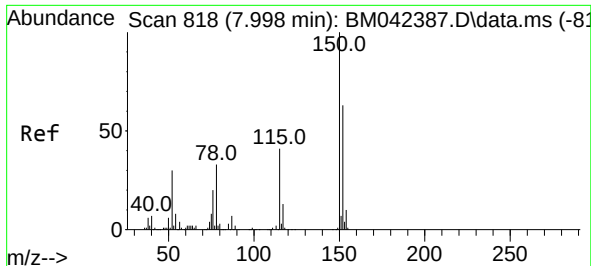
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant 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

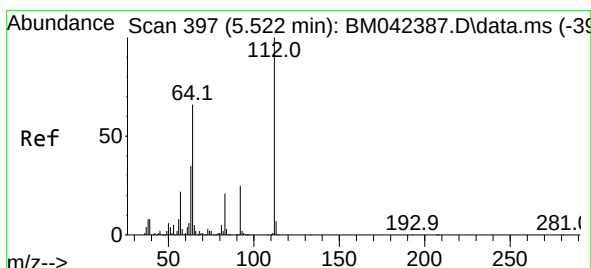
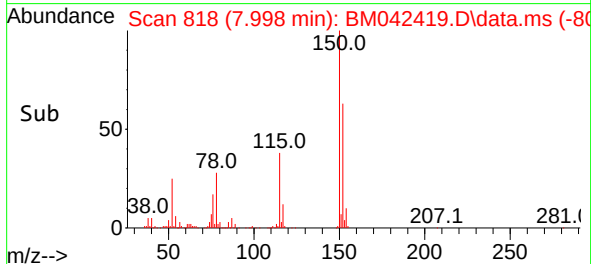
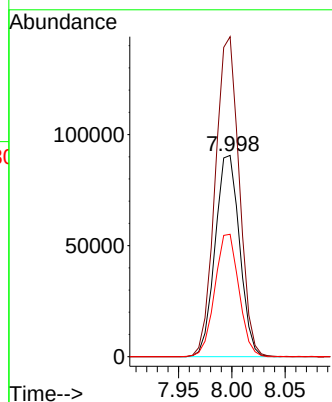
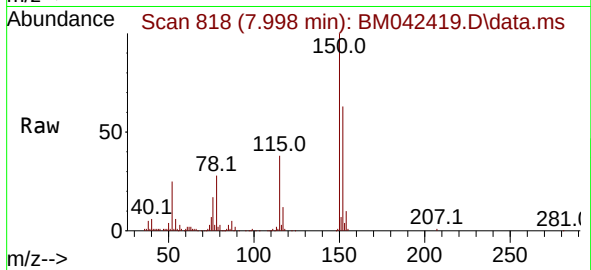




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.998 min Scan# 818
Delta R.T. 0.000 min
Lab File: BM042419.D
Acq: 24 Oct 2023 14:50

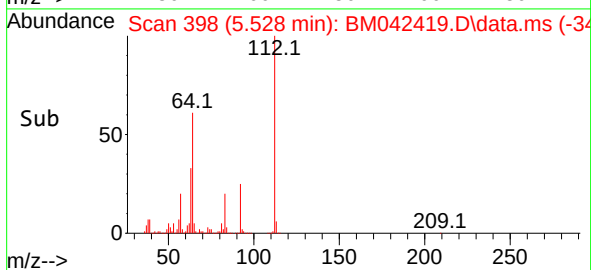
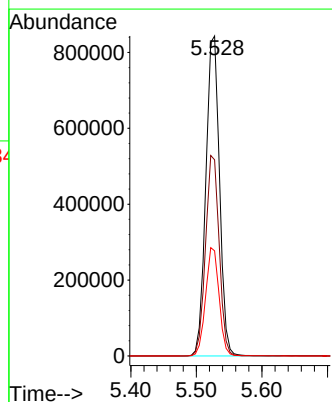
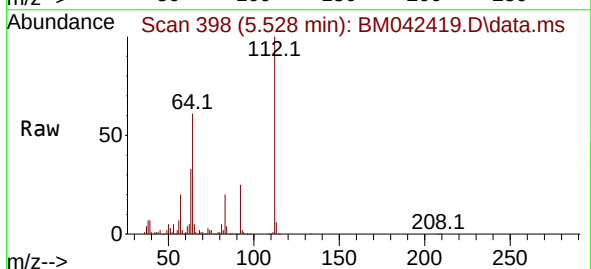
Instrument :
BNA_M
ClientSampleId :

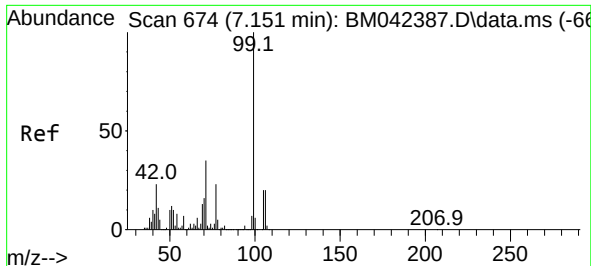
Tgt Ion:152 Resp: 144449
Ion Ratio Lower Upper
152 100
150 159.0 126.2 189.4
115 60.8 51.9 77.9



#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

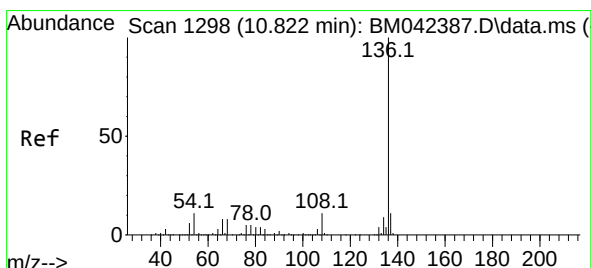
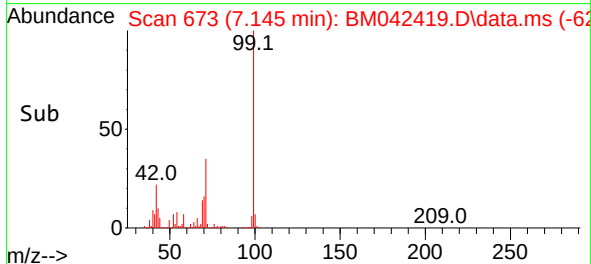
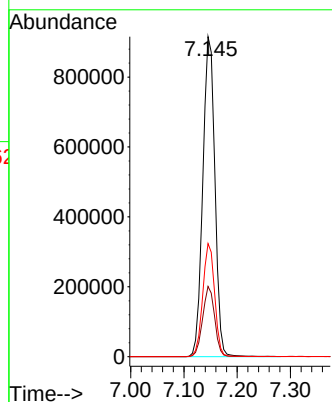
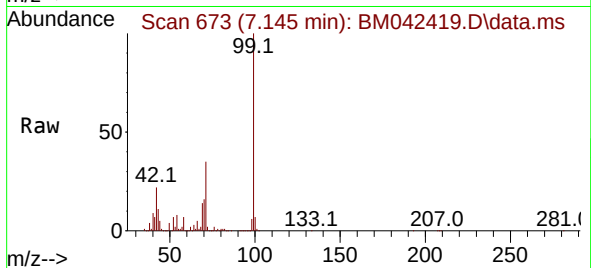




#7
Phenol-d6
Concen: 105.362 ng
RT: 7.145 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042419.D
Acq: 24 Oct 2023 14:50

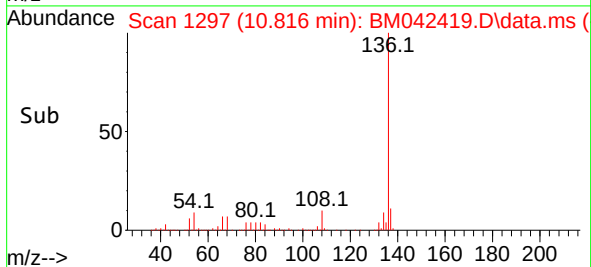
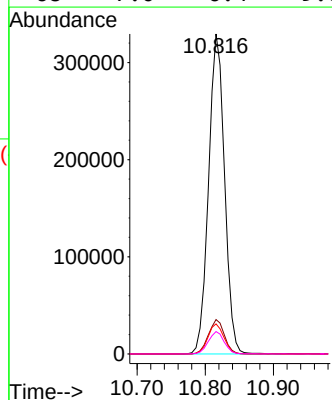
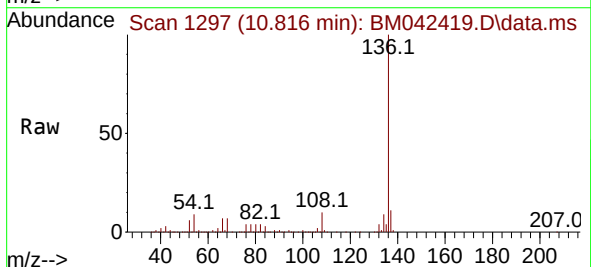
Instrument :
BNA_M
ClientSampleId :

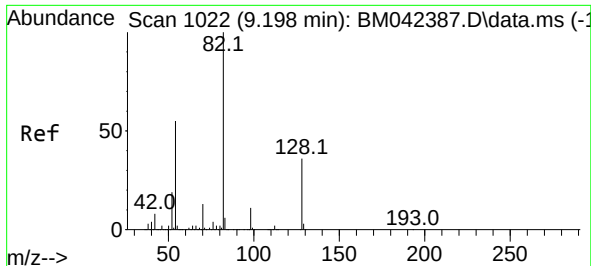
Tgt Ion: 99 Resp: 1443119
Ion Ratio Lower Upper
99 100
42 21.9 18.5 27.7
71 35.4 27.7 41.5



#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

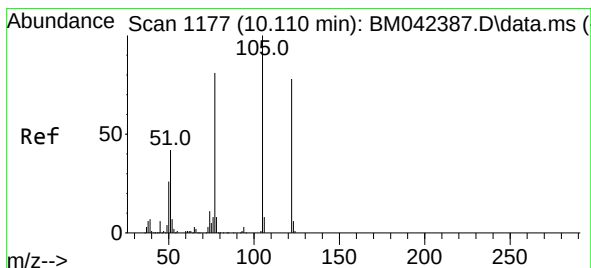
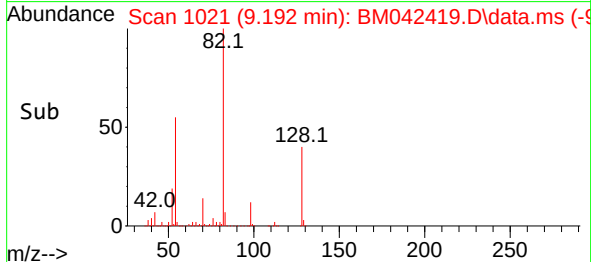
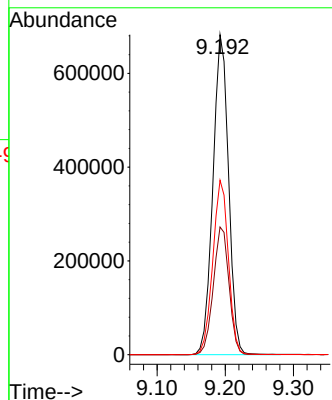
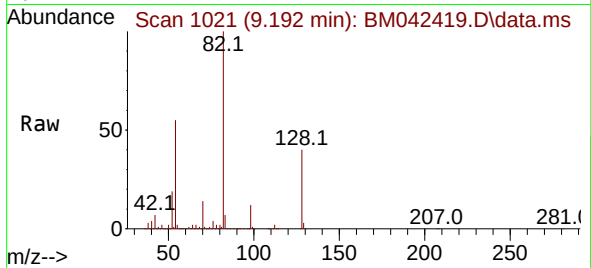




#23
Nitrobenzene-d5
Concen: 89.591 ng
RT: 9.192 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BM042419.D
Acq: 24 Oct 2023 14:50

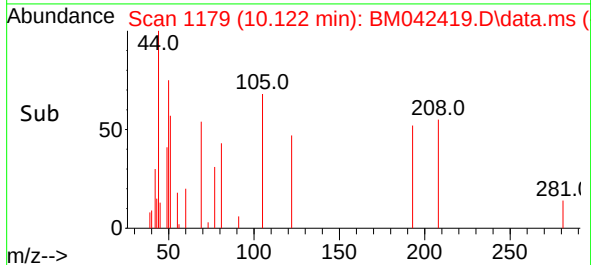
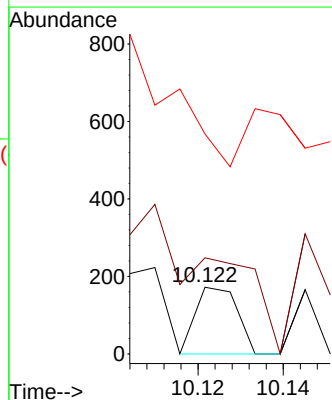
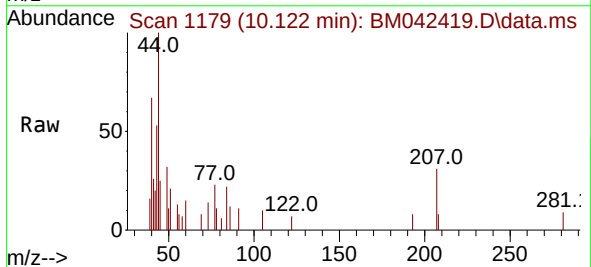
Instrument :
BNA_M
ClientSampleId :

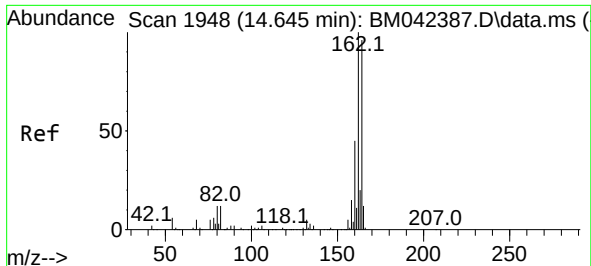
Tgt Ion: 82 Resp: 1089113
Ion Ratio Lower Upper
82 100
128 39.9 29.0 43.6
54 54.5 43.7 65.5



#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#

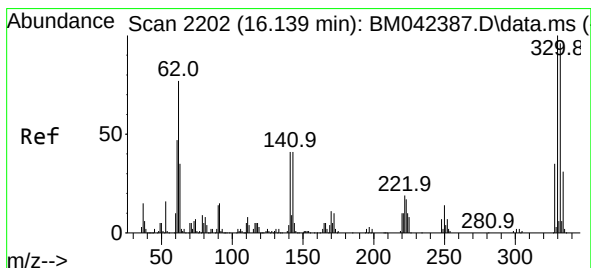
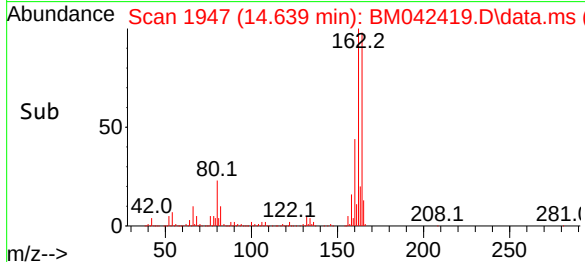
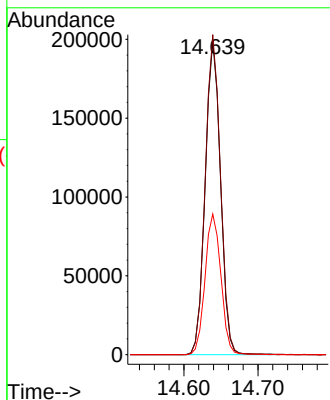
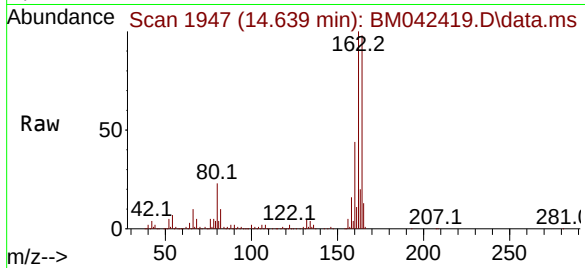




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.639 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BM042419.D
Acq: 24 Oct 2023 14:50

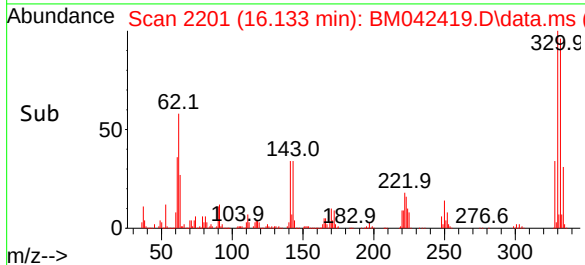
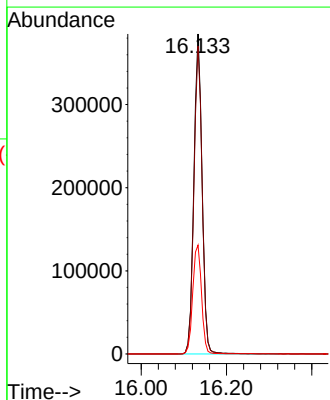
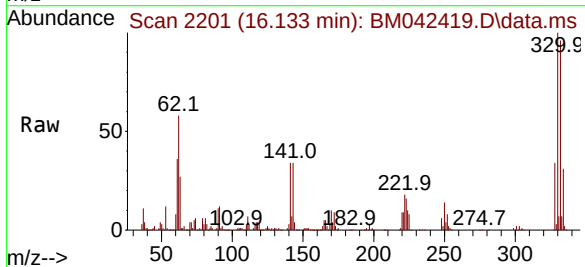
Instrument :
BNA_M
ClientSampleId :

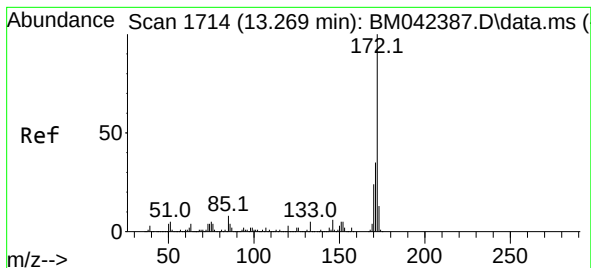
Tgt Ion:164 Resp: 285525
Ion Ratio Lower Upper
164 100
162 102.0 83.0 124.4
160 44.8 37.0 55.4



#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# 1

Delta R.T. -0.006 min

Lab File: BM042419.D

Acq: 24 Oct 2023 14:50

Instrument :

BNA_M

ClientSampleId :

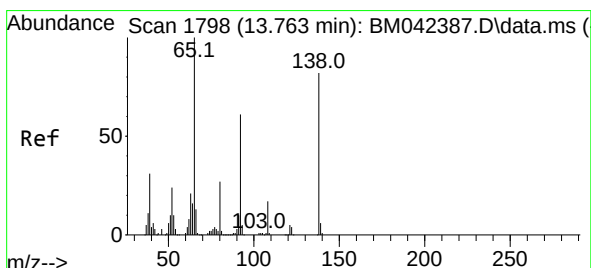
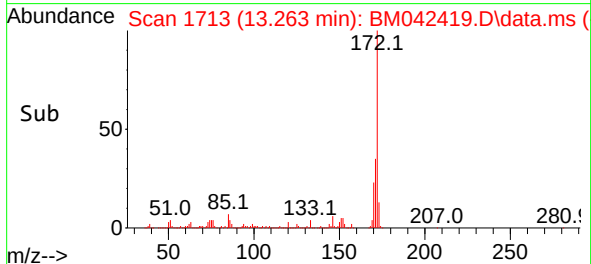
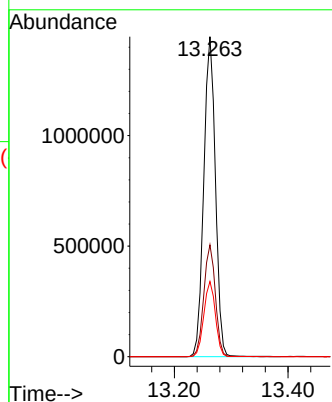
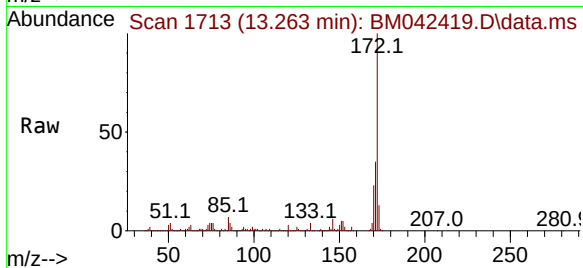
Tgt Ion:172 Resp: 2055988

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

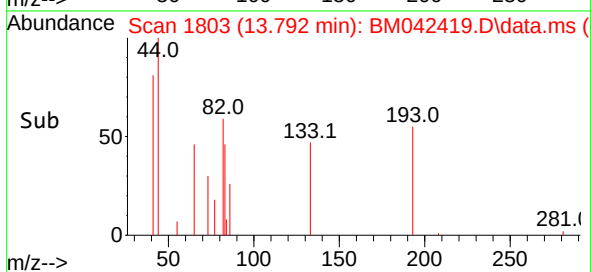
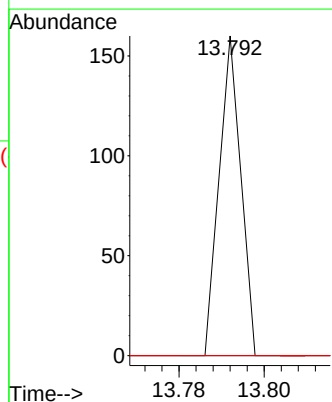
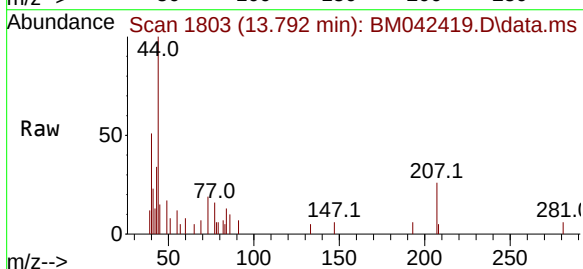
Tgt Ion: 65 Resp: 56

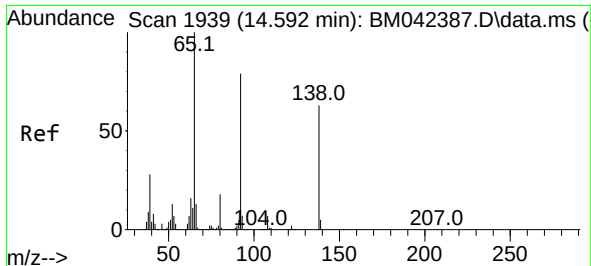
Ion Ratio Lower Upper

65 100

92 0.0 49.0 73.6#

138 0.0 65.5 98.3#

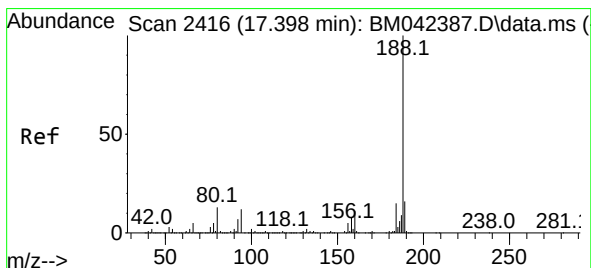
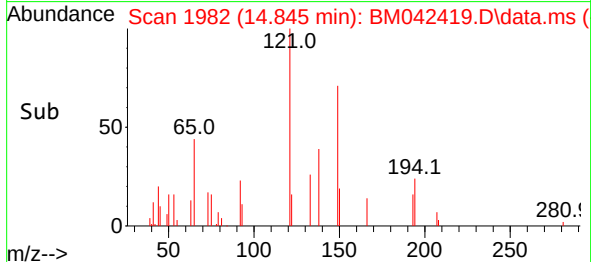
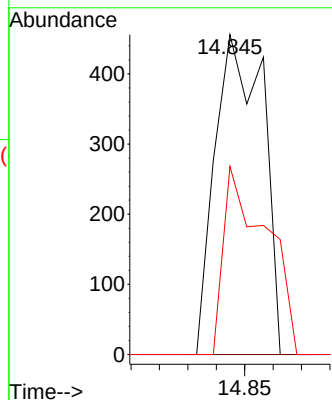
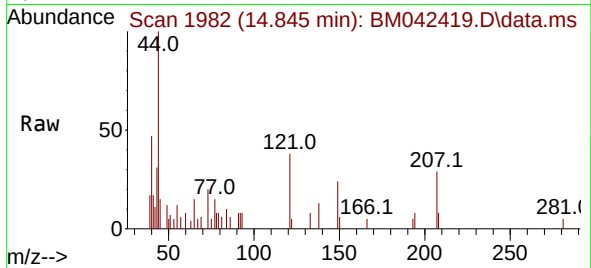




#53
3-Nitroaniline
Concen: 3.354 ng
RT: 14.845 min Scan# 1939
Delta R.T. 0.253 min
Lab File: BM042419.D
Acq: 24 Oct 2023 14:50

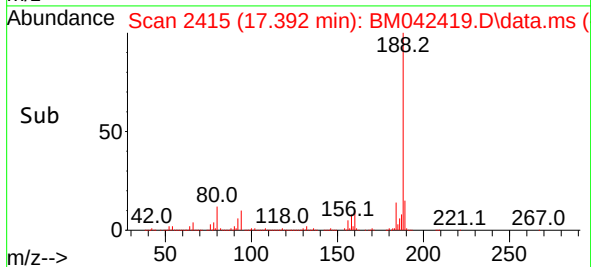
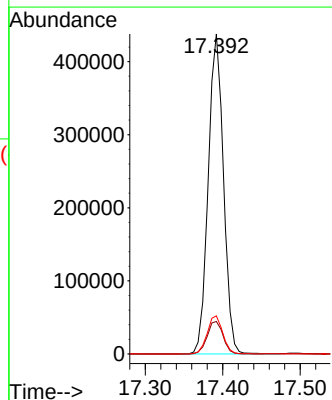
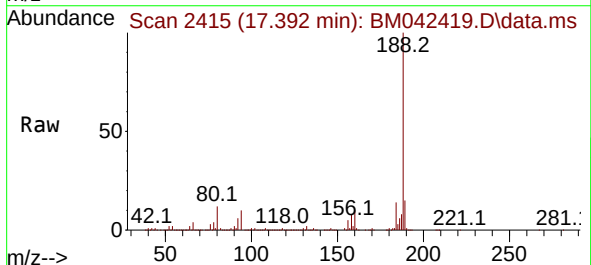
Instrument :
BNA_M
ClientSampleId :

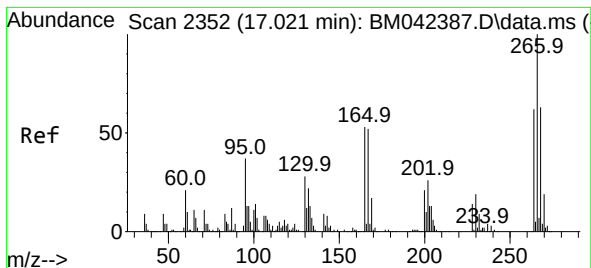
Tgt Ion:138 Resp: 534
Ion Ratio Lower Upper
138 100
108 0.0 8.3 12.5#
92 58.8 100.6 151.0#



#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 :

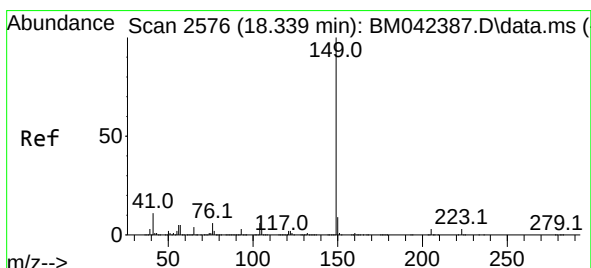
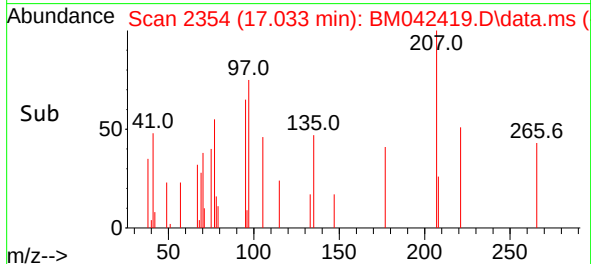
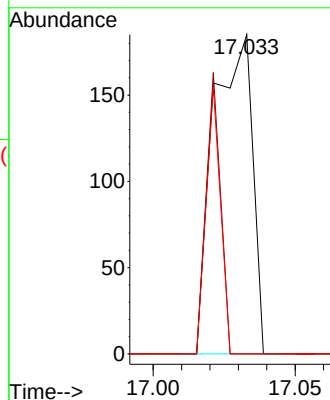
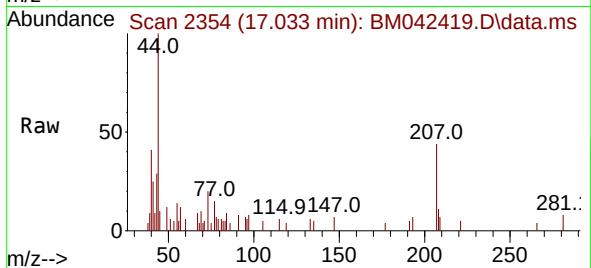
Tgt Ion:266 Resp: 175

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

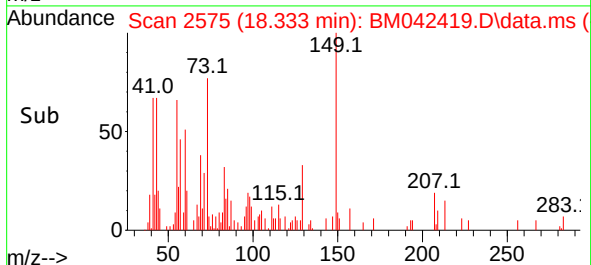
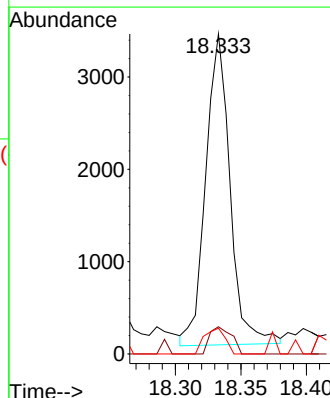
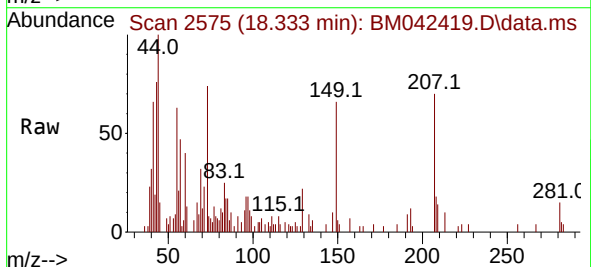
Tgt Ion:149 Resp: 4353

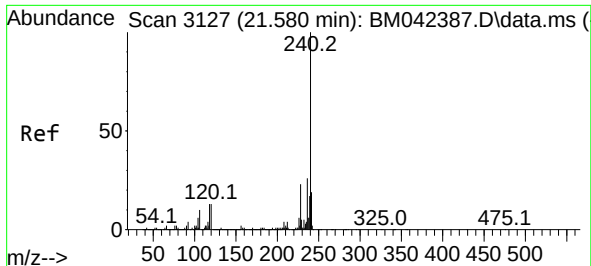
Ion Ratio Lower Upper

149 100

150 8.5 7.4 11.0

104 8.0 4.6 7.0#

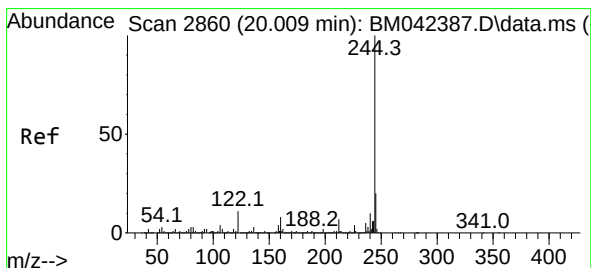
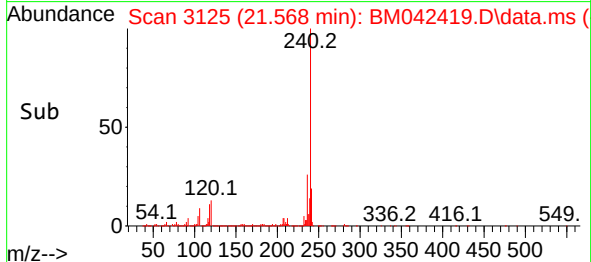
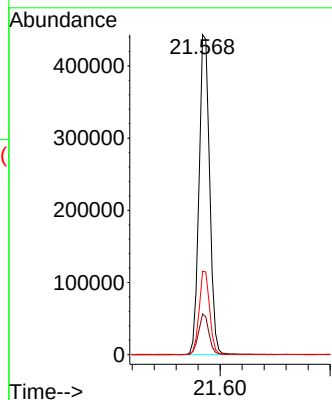
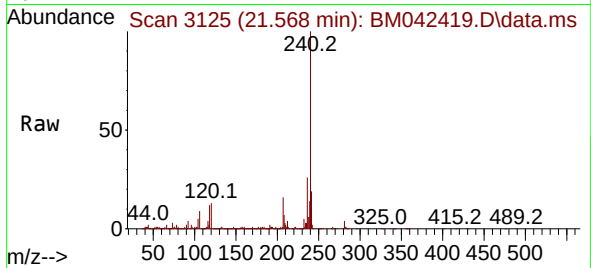




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.568 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM042419.D
Acq: 24 Oct 2023 14:50

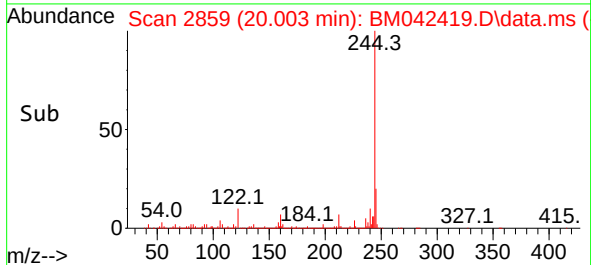
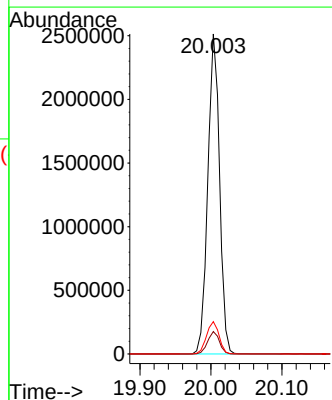
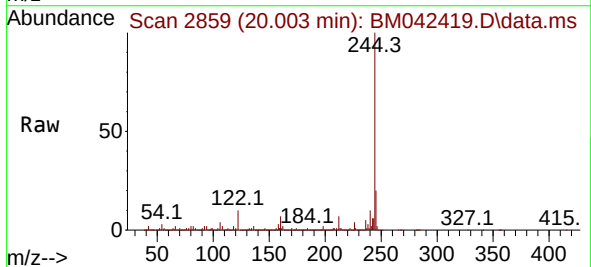
Instrument :
BNA_M
ClientSampleId :

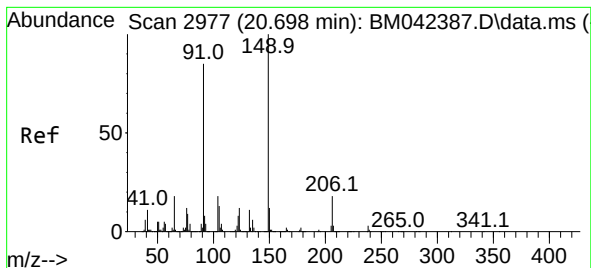
Tgt Ion:240 Resp: 594611
Ion Ratio Lower Upper
240 100
120 12.7 10.7 16.1
236 26.1 20.7 31.1



#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

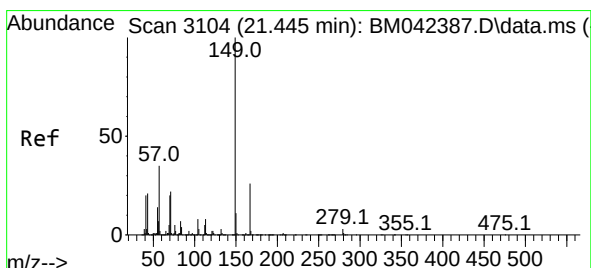
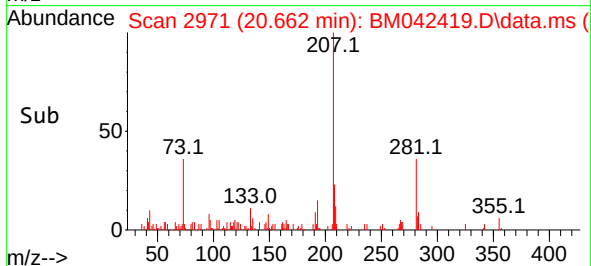
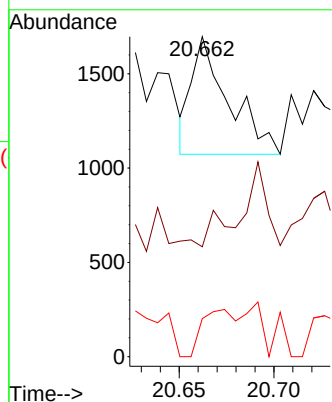
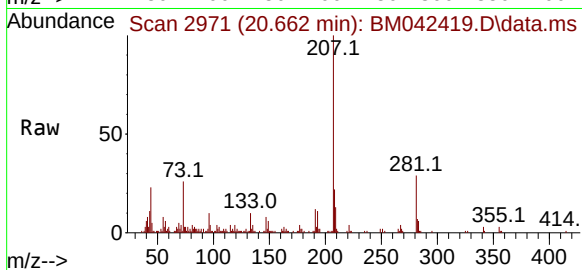
Acq: 24 Oct 2023 14:50

Instrument :

BNA_M

ClientSampleId :

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

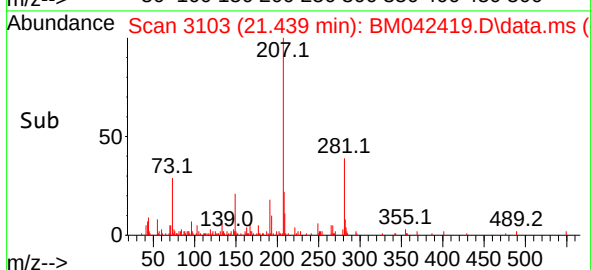
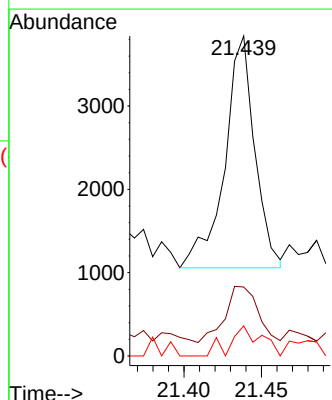
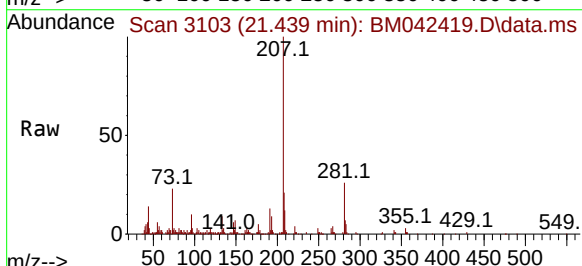
RT: 21.439 min Scan# 3103

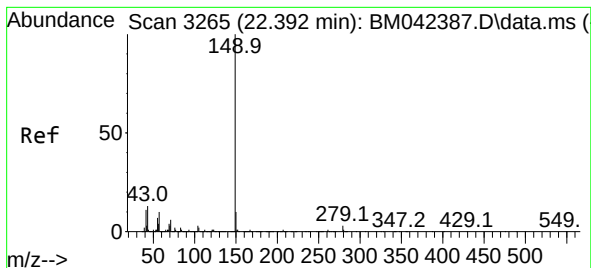
Delta R.T. -0.006 min

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

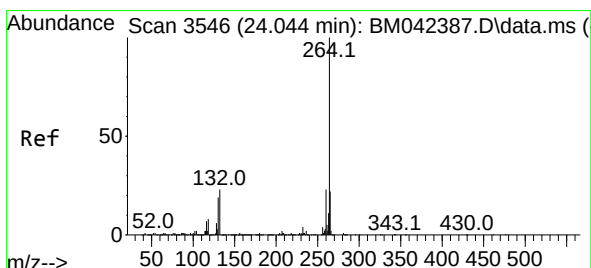
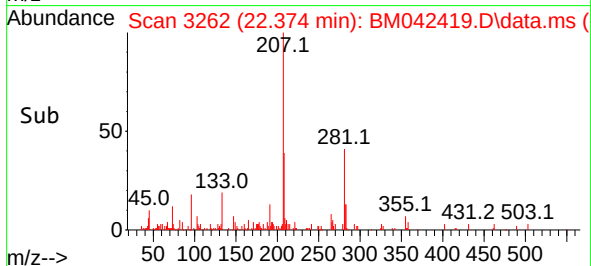
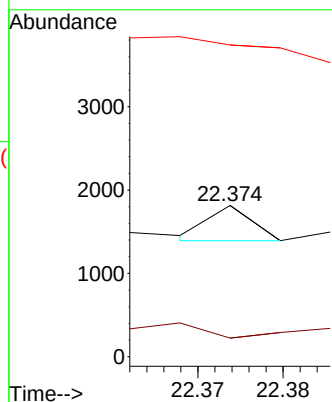
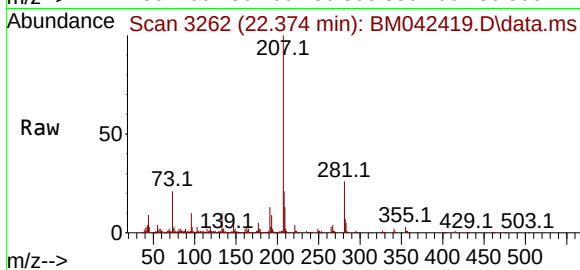
Instrument :

BNA_M

ClientSampleId :

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

