

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122320\
 Data File : BM028247.D
 Acq On : 23 Dec 2020 12:01
 Operator : JU/CG
 Sample : L5179-0110X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CHRT-24743

Quant Time: Dec 23 13:07:07 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 23 12:17:02 2020
 Response via : Initial Calibration

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

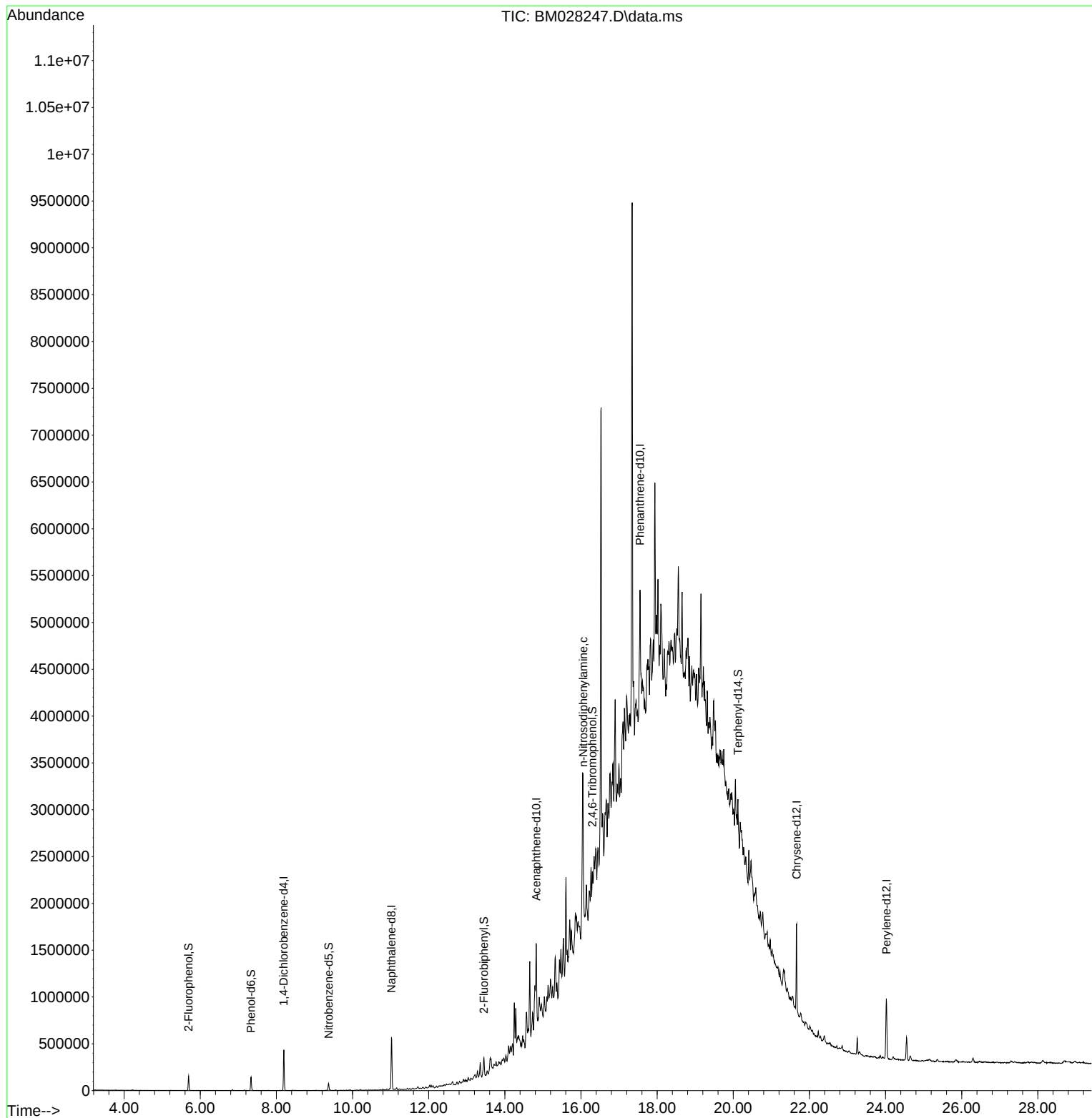
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.192	152	116312	20.00	ng	0.00
21) Naphthalene-d8	11.022	136	451087	20.00	ng	# 0.00
39) Acenaphthene-d10	14.827	164	245017	20.00	ng	0.00
64) Phenanthrene-d10	17.551	188	470113	20.00	ng	# 0.00
76) Chrysene-d12	21.662	240	437720	20.00	ng	# 0.00
86) Perylene-d12	24.021	264	447452	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	62755	8.89	ng	0.00
7) Phenol-d6	7.334	99	78304	7.77	ng	0.00
23) Nitrobenzene-d5	9.369	82	42571	4.68	ng	0.00
42) 2,4,6-Tribromophenol	16.298	330	19807	6.09	ng	0.00
45) 2-Fluorobiphenyl	13.451	172	86147	4.57	ng	0.00
79) Terphenyl-d14	20.121	244	108204	4.49	ng	0.00
Target Compounds						
66) n-Nitrosodiphenylamine	16.057	169	65219	4.18	ng	# 52

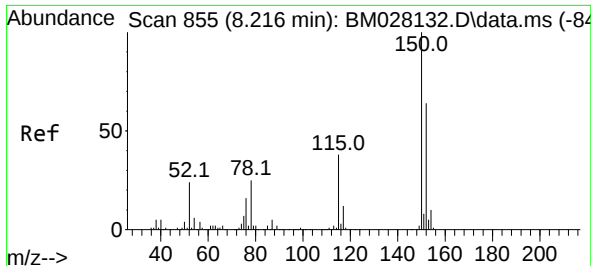
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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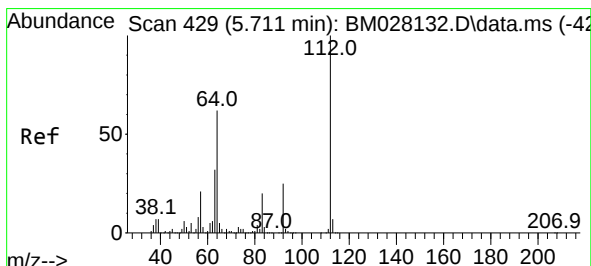
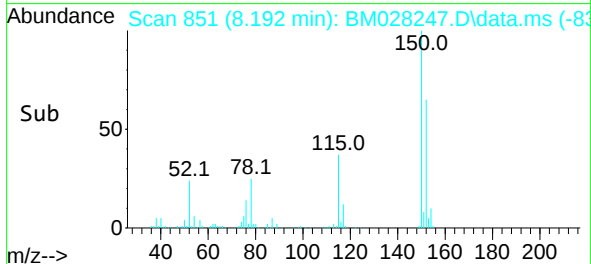
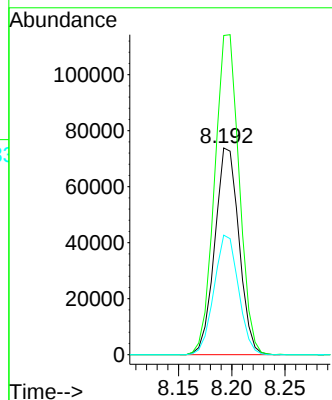
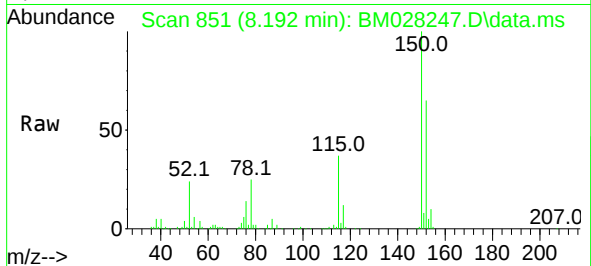




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.192 min Scan# 851
Delta R.T. -0.006 min
Lab File: BM028247.D
Acq: 23 Dec 2020 12:01

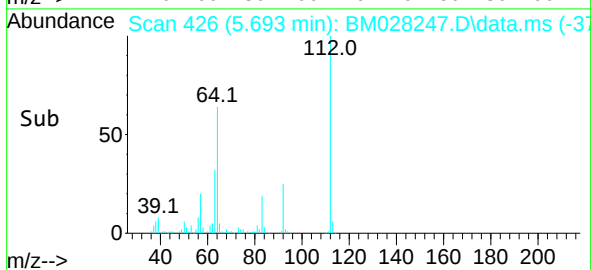
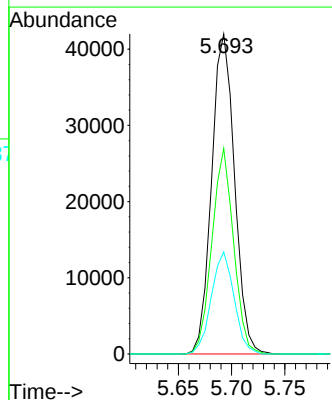
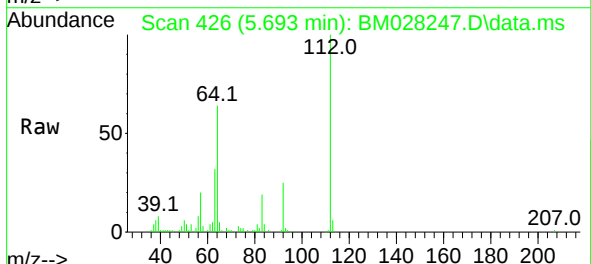
Instrument :
BNA_M
ClientSampleId :
CHRT-24743

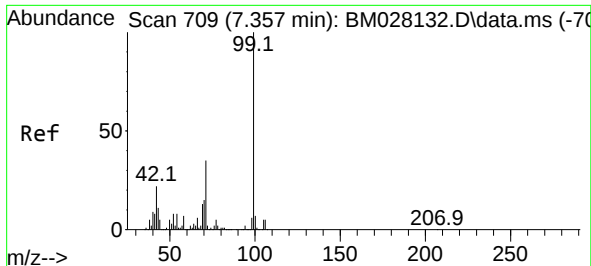
Tgt Ion:152 Resp: 116312
Ion Ratio Lower Upper
152 100
150 154.3 120.6 181.0
115 57.8 47.2 70.8



#5
2-Fluorophenol
Concen: 8.89 ng
RT: 5.693 min Scan# 426
Delta R.T. 0.000 min
Lab File: BM028247.D
Acq: 23 Dec 2020 12:01

Tgt Ion:112 Resp: 62755
Ion Ratio Lower Upper
112 100
64 64.2 50.6 76.0
63 31.9 31.0 46.6

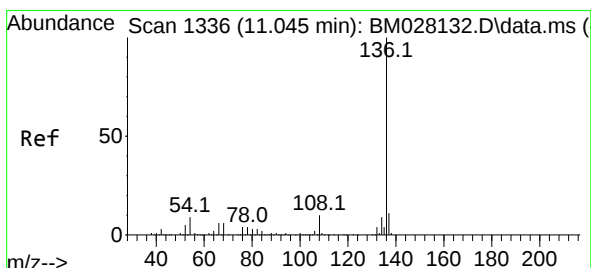
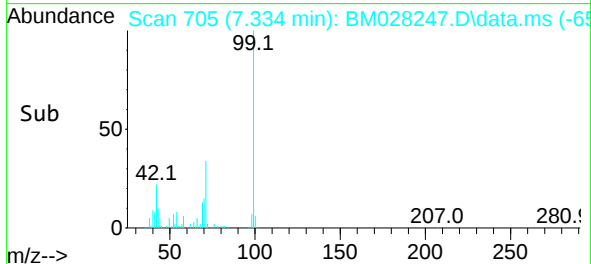
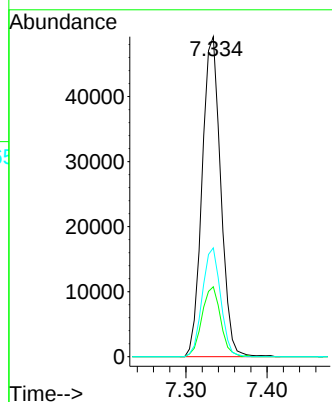
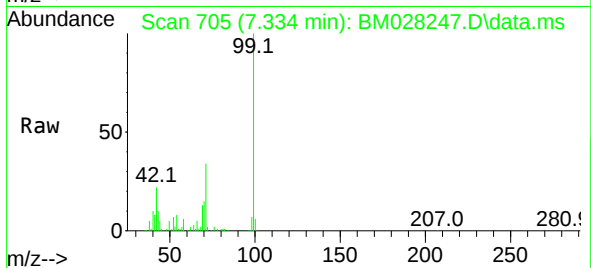




#7
Phenol-d6
Concen: 7.77 ng
RT: 7.334 min Scan# 705
Delta R.T. -0.006 min
Lab File: BM028247.D
Acq: 23 Dec 2020 12:01

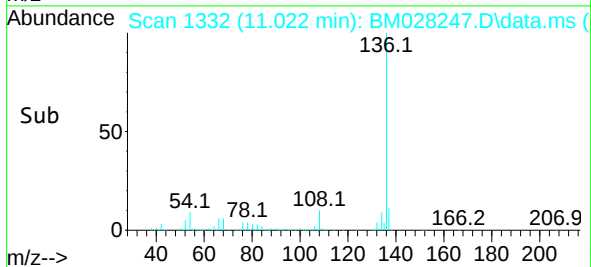
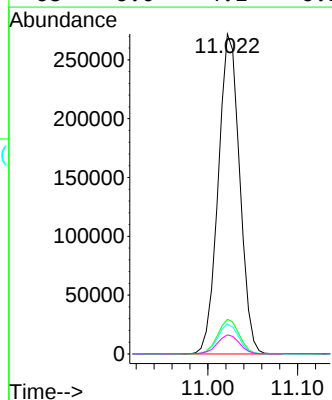
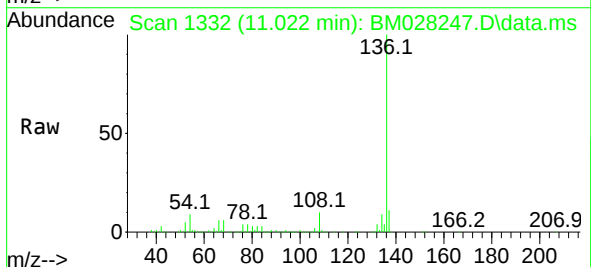
Instrument :
BNA_M
ClientSampleId :
CHRT-24743

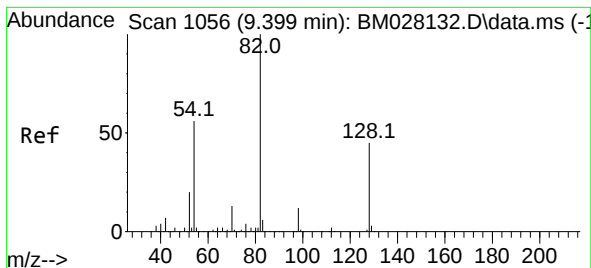
Tgt Ion: 99 Resp: 78304
Ion Ratio Lower Upper
99 100
42 21.8 13.5 20.3#
71 34.0 39.4 59.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.022 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BM028247.D
Acq: 23 Dec 2020 12:01

Tgt Ion: 136 Resp: 451087
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.4 4.6 7.0#
68 6.0 4.1 6.1

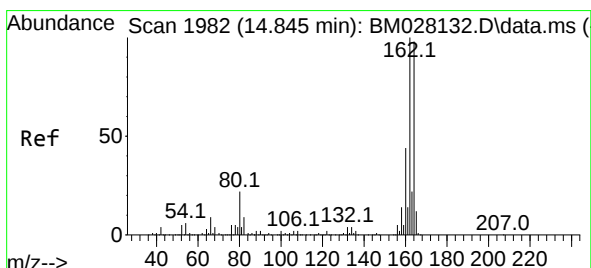
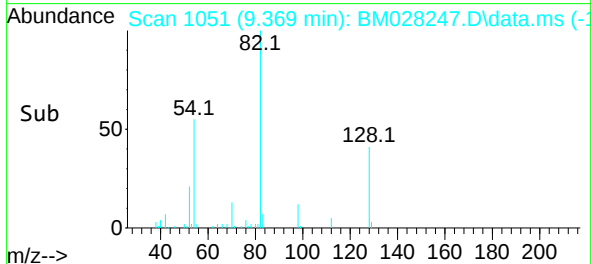
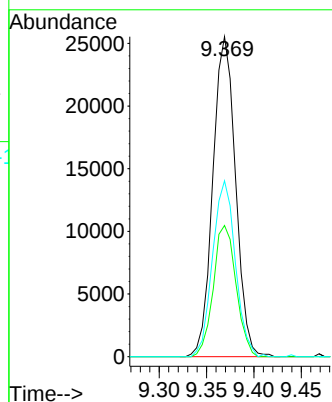
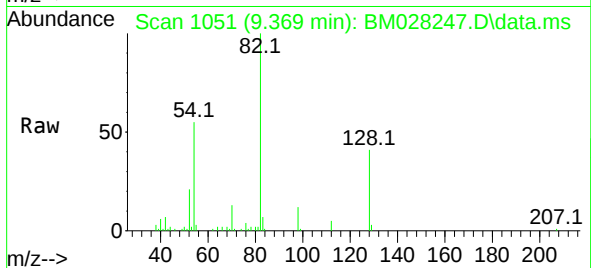




#23
Nitrobenzene-d5
Concen: 4.68 ng
RT: 9.369 min Scan# 1051
Delta R.T. -0.006 min
Lab File: BM028247.D
Acq: 23 Dec 2020 12:01

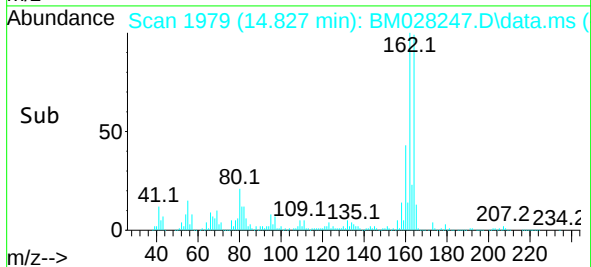
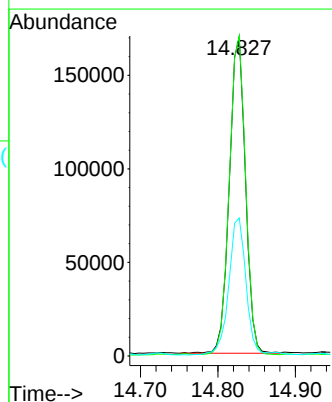
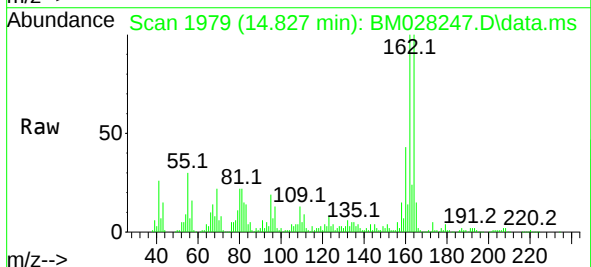
Instrument :
BNA_M
ClientSampleId :
CHRT-24743

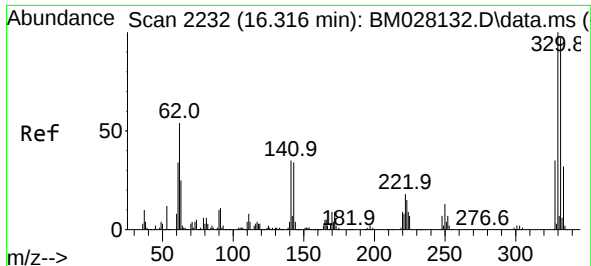
Tgt Ion: 82 Resp: 42571
Ion Ratio Lower Upper
82 100
128 41.0 27.4 41.0
54 55.0 31.4 47.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.827 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BM028247.D
Acq: 23 Dec 2020 12:01

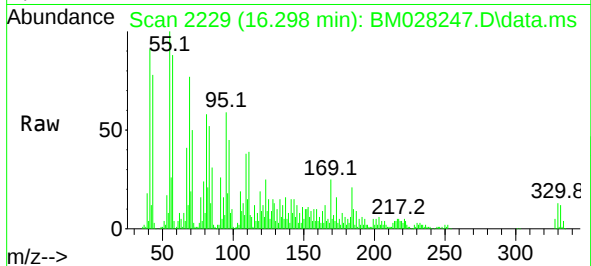
Tgt Ion:164 Resp: 245017
Ion Ratio Lower Upper
164 100
162 100.3 80.4 120.6
160 43.2 35.9 53.9



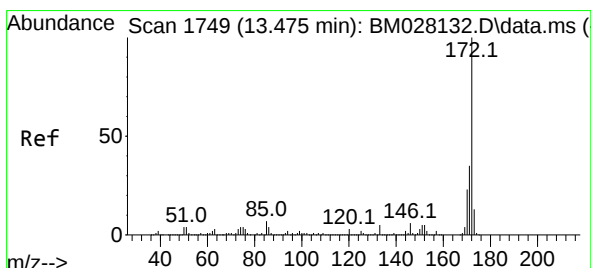
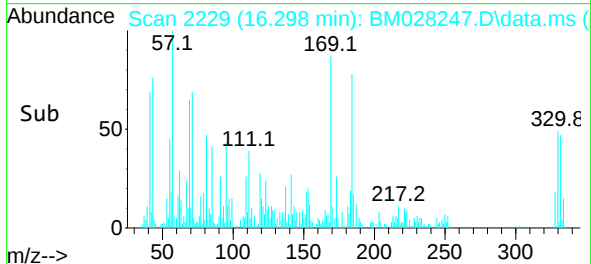
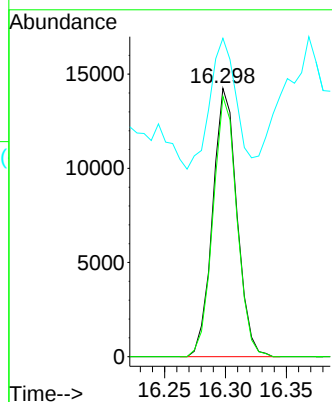


#42
2,4,6-Tribromophenol
Concen: 6.09 ng
RT: 16.298 min Scan# 2229
Delta R.T. -0.006 min
Lab File: BM028247.D
Acq: 23 Dec 2020 12:01

Instrument :
BNA_M
ClientSampled :
CHRT-24743

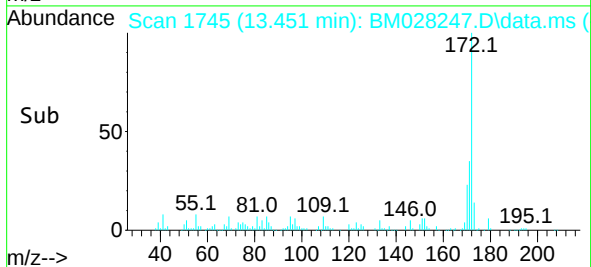
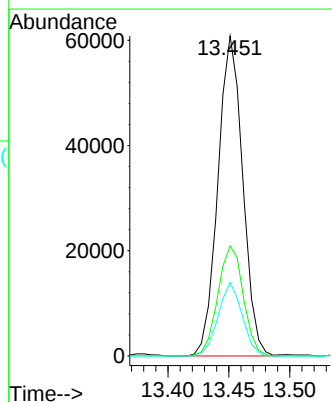
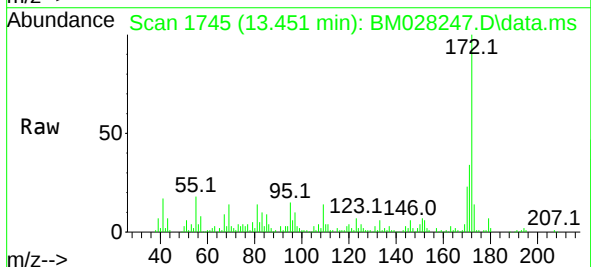


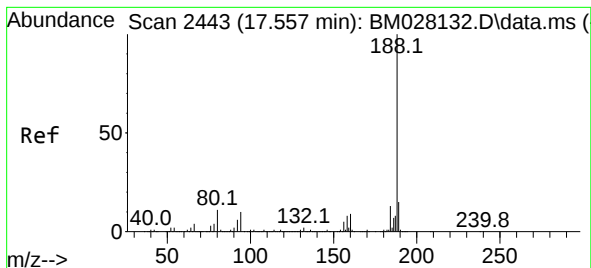
Tgt Ion:330 Resp: 19807
Ion Ratio Lower Upper
330 100
332 95.7 77.8 116.8
141 51.2 28.4 42.6#



#45
2-Fluorobiphenyl
Concen: 4.57 ng
RT: 13.451 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM028247.D
Acq: 23 Dec 2020 12:01

Tgt Ion:172 Resp: 86147
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.8
170 22.9 18.6 27.8

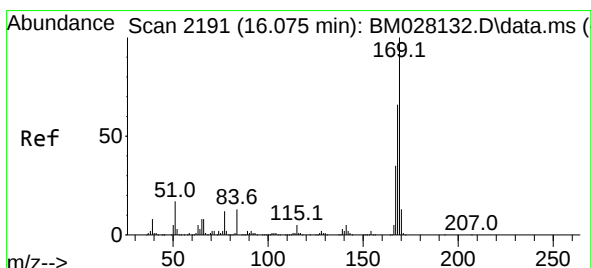
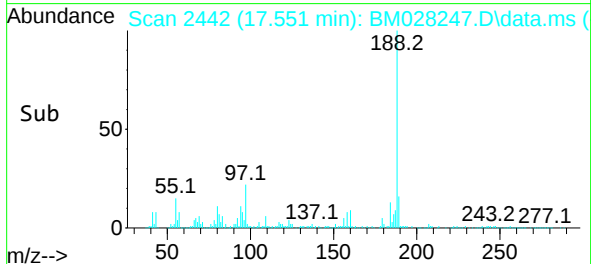
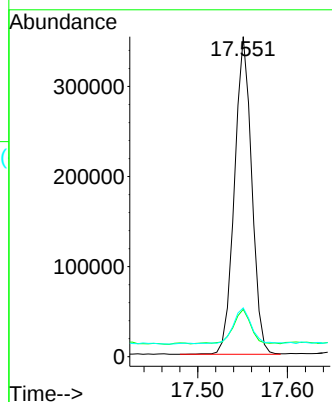
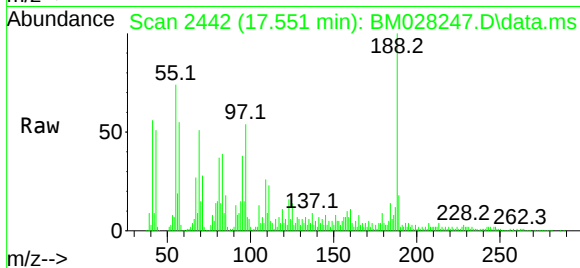




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.551 min Scan# 2442
Delta R.T. 0.006 min
Lab File: BM028247.D
Acq: 23 Dec 2020 12:01

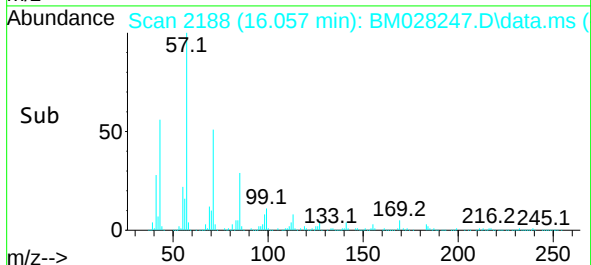
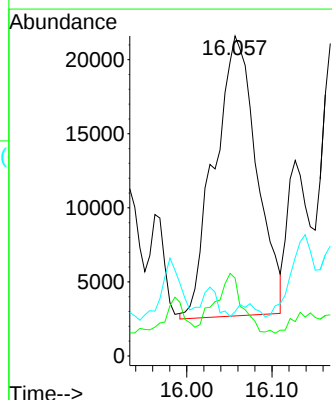
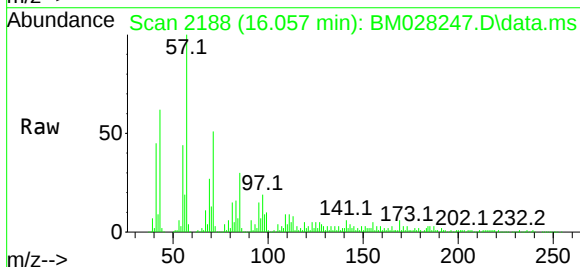
Instrument :
BNA_M
ClientSampleId :
CHRT-24743

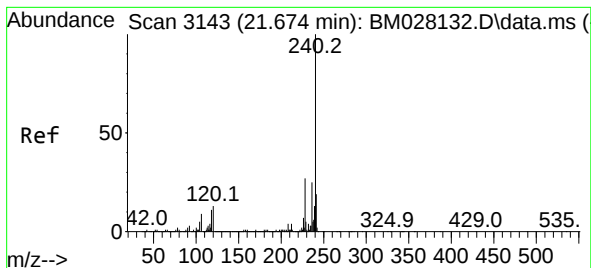
Tgt Ion:188 Resp: 470113
Ion Ratio Lower Upper
188 100
94 14.8 6.2 9.4#
80 15.3 7.5 11.3#



#66
n-Nitrosodiphenylamine
Concen: 4.18 ng
RT: 16.057 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BM028247.D
Acq: 23 Dec 2020 12:01

Tgt Ion:169 Resp: 65219
Ion Ratio Lower Upper
169 100
168 24.4 53.8 80.8#
167 13.8 29.0 43.4#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.662 min Scan# 3141

Delta R.T. 0.000 min

Lab File: BM028247.D

Acq: 23 Dec 2020 12:01

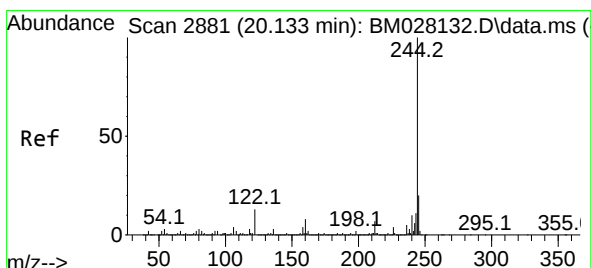
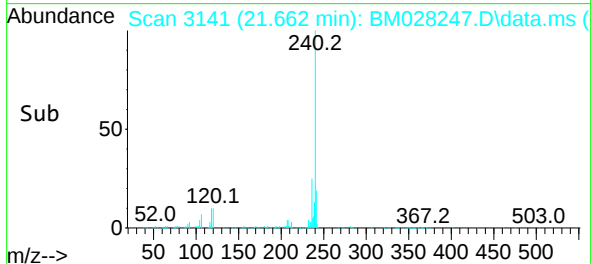
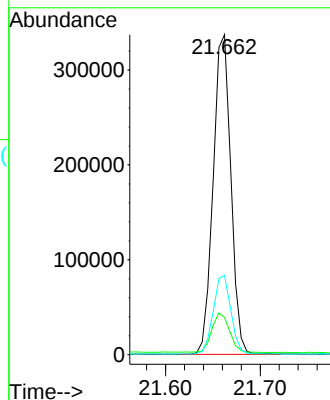
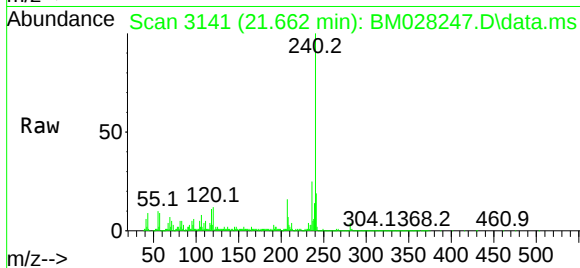
Tgt Ion:240 Resp: 437720

Ion Ratio Lower Upper

240 100

120 11.6 6.4 9.6#

236 24.8 20.1 30.1



#79

Terphenyl-d14

Concen: 4.49 ng

RT: 20.121 min Scan# 2879

Delta R.T. 0.000 min

Lab File: BM028247.D

Acq: 23 Dec 2020 12:01

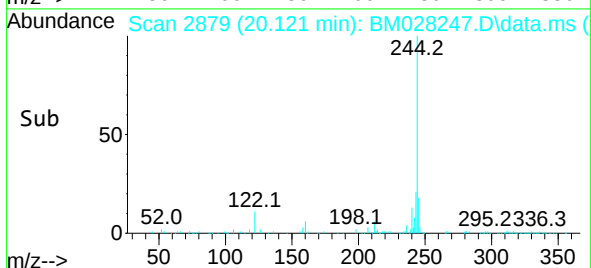
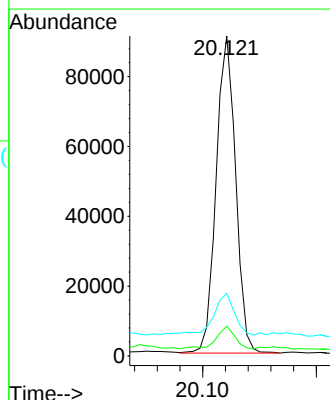
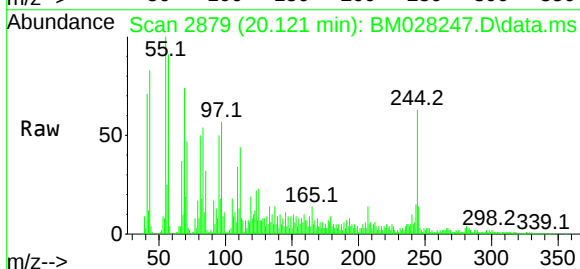
Tgt Ion:244 Resp: 108204

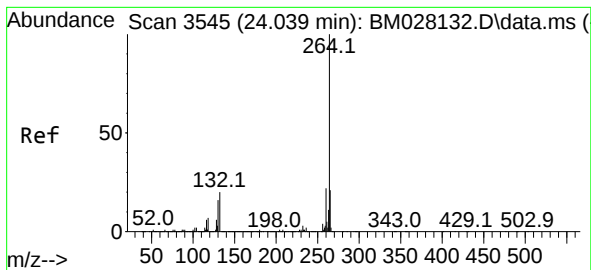
Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

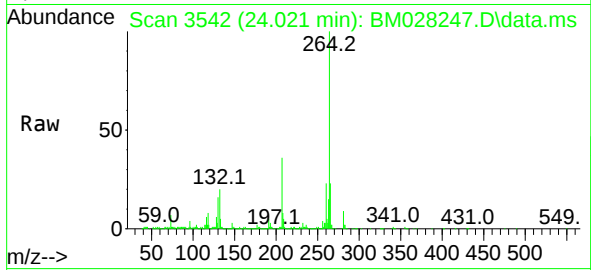
122 19.6 6.5 9.7#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.021 min Scan# 3542
 Delta R.T. 0.000 min
 Lab File: BM028247.D
 Acq: 23 Dec 2020 12:01

Instrument :
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 ClientSampleId :
 CHRT-24743



Tgt Ion:264 Resp: 447452
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.0 28.4
 265 22.9 17.7 26.5

