

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122320\
 Data File : BM028250.D
 Acq On : 23 Dec 2020 14:17
 Operator : JU/CG
 Sample : L5176-05 20X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CHRT-26920

Quant Time: Dec 23 14:52:36 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)

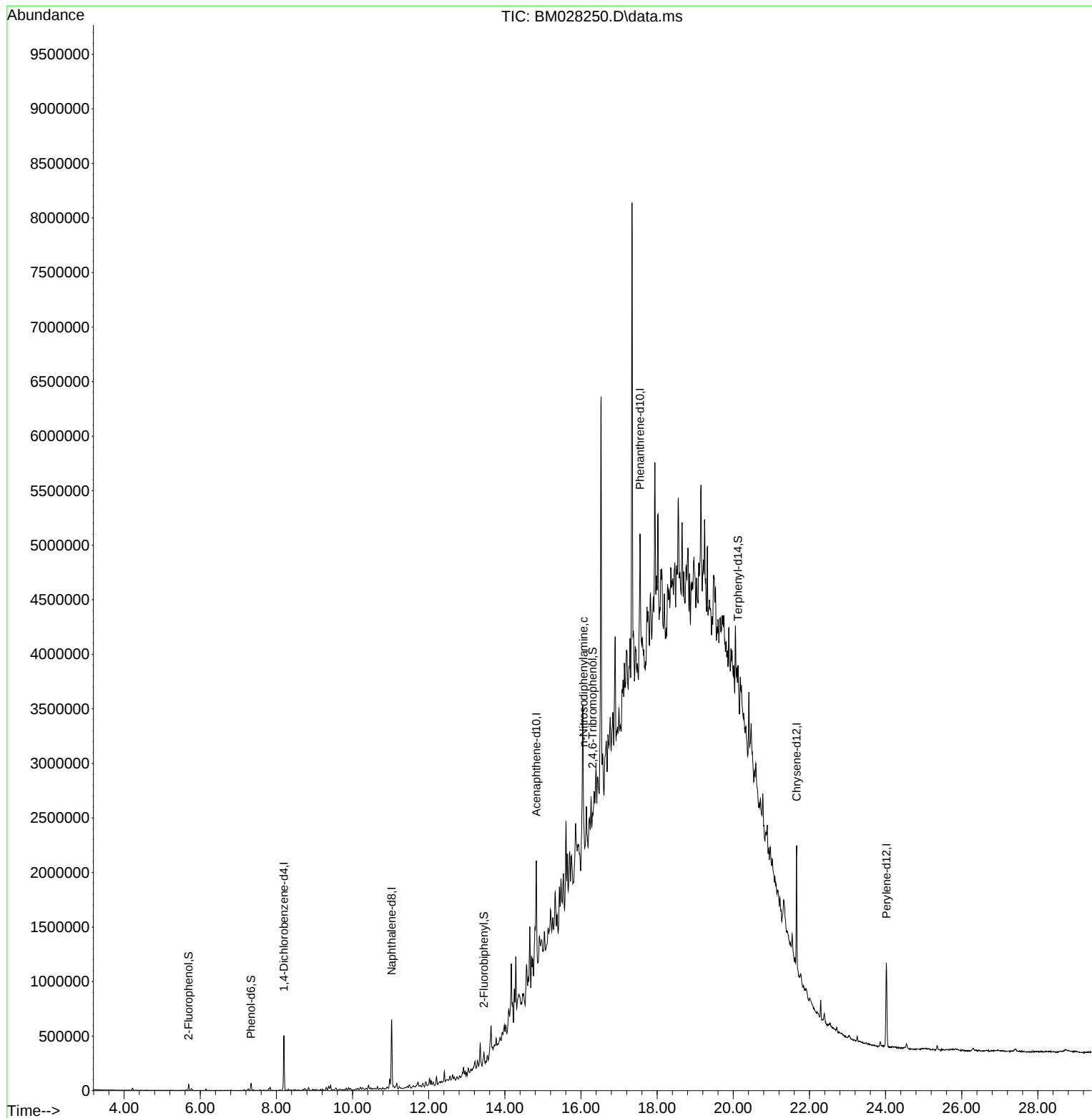
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.198	152	133570	20.00	ng	0.00
21) Naphthalene-d8	11.028	136	518067	20.00	ng	# 0.00
39) Acenaphthene-d10	14.827	164	276224	20.00	ng	0.00
64) Phenanthrene-d10	17.551	188	514726	20.00	ng	# 0.00
76) Chrysene-d12	21.662	240	505202	20.00	ng	# 0.00
86) Perylene-d12	24.021	264	522921	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	22530	2.78	ng	0.00
7) Phenol-d6	7.334	99	30671	2.65	ng	0.00
23) Nitrobenzene-d5	9.369	82	19600	1.88	ng	0.00
42) 2,4,6-Tribromophenol	16.304	330	9664	2.64	ng	0.00
45) 2-Fluorobiphenyl	13.451	172	47578	2.24	ng	0.00
79) Terphenyl-d14	20.121	244	60867	2.19	ng	0.00
Target Compounds						
32) Benzoic acid	10.239	122	55	Below Cal	#	74
66) n-Nitrosodiphenylamine	16.063	169	53952	3.16	ng	# 55

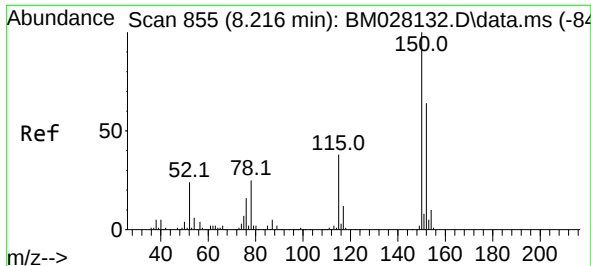
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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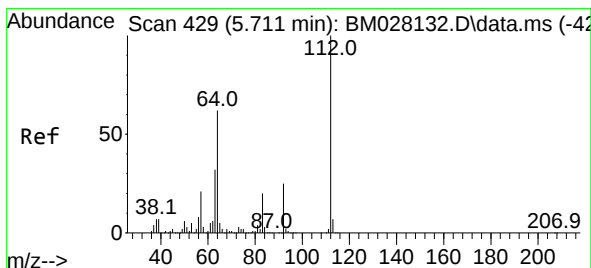
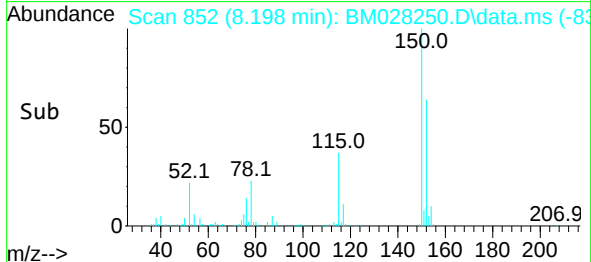
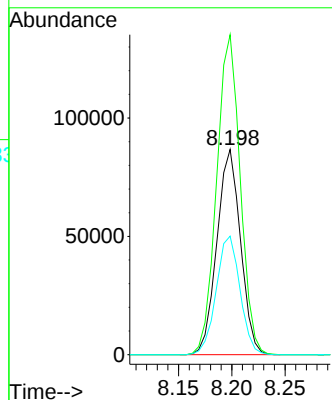
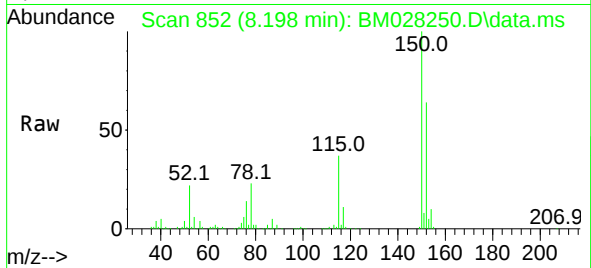




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.198 min Scan# 852
Delta R.T. 0.000 min
Lab File: BM028250.D
Acq: 23 Dec 2020 14:17

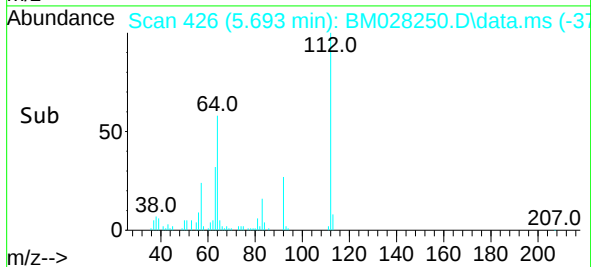
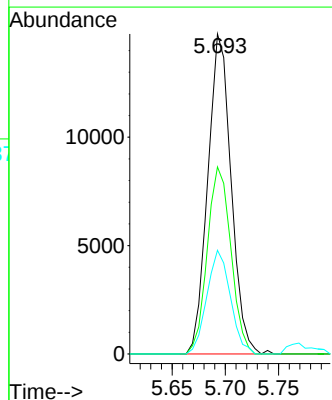
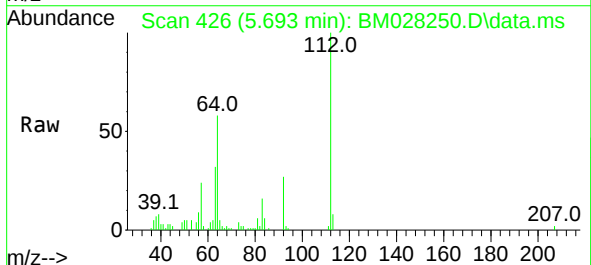
Instrument :
BNA_M
ClientSampleId :
CHRT-26920

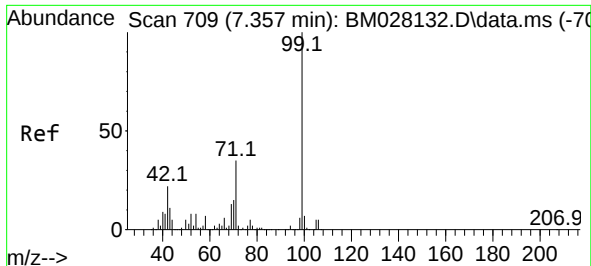
Tgt Ion:152 Resp: 133570
Ion Ratio Lower Upper
152 100
150 155.9 120.6 181.0
115 57.8 47.2 70.8



#5
2-Fluorophenol
Concen: 2.78 ng
RT: 5.693 min Scan# 426
Delta R.T. 0.000 min
Lab File: BM028250.D
Acq: 23 Dec 2020 14:17

Tgt Ion:112 Resp: 22530
Ion Ratio Lower Upper
112 100
64 58.4 50.6 76.0
63 32.4 31.0 46.6

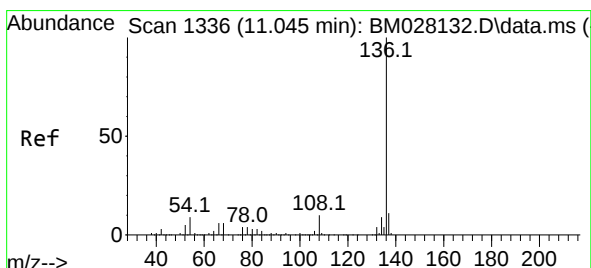
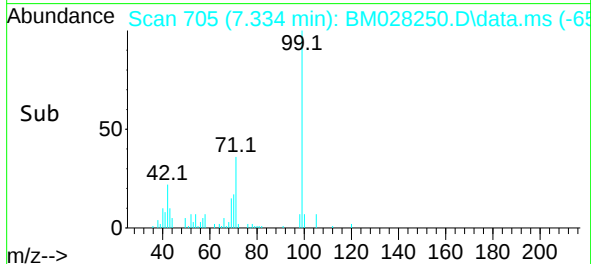
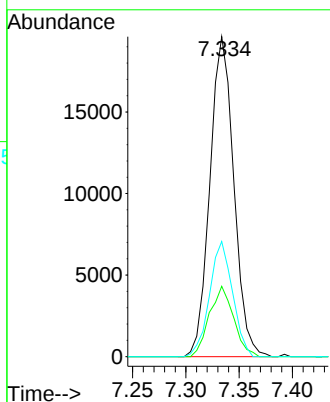
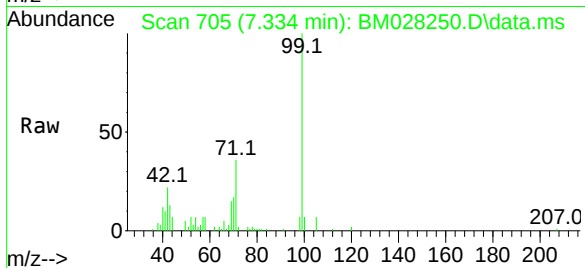




#7
Phenol-d6
Concen: 2.65 ng
RT: 7.334 min Scan# 705
Delta R.T. -0.006 min
Lab File: BM028250.D
Acq: 23 Dec 2020 14:17

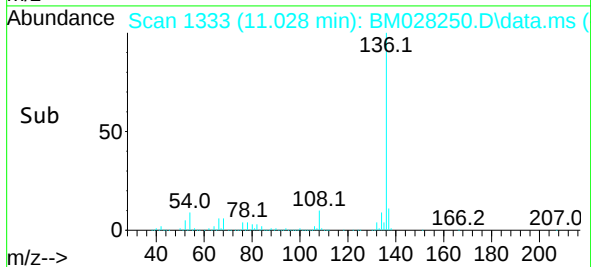
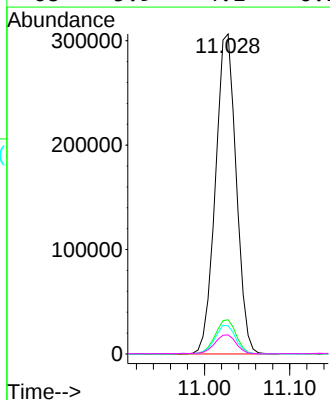
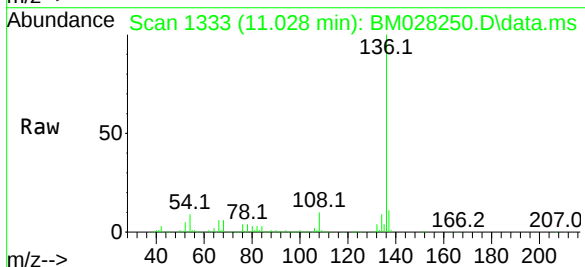
Instrument :
BNA_M
ClientSampleId :
CHRT-26920

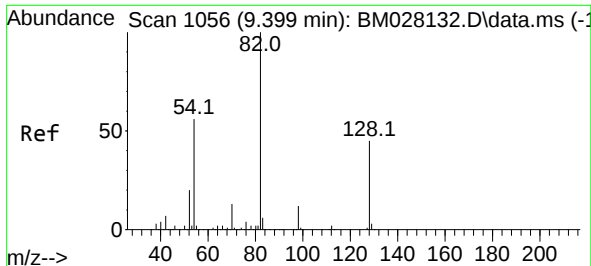
Tgt Ion: 99	Resp: 30671
Ion Ratio	Lower Upper
99 100	
42 22.0	13.5 20.3#
71 36.0	39.4 59.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.028 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BM028250.D
Acq: 23 Dec 2020 14:17

Tgt Ion: 136	Resp: 518067
Ion Ratio	Lower Upper
136 100	
137 10.7	8.6 12.8
54 8.8	4.6 7.0#
68 5.9	4.1 6.1

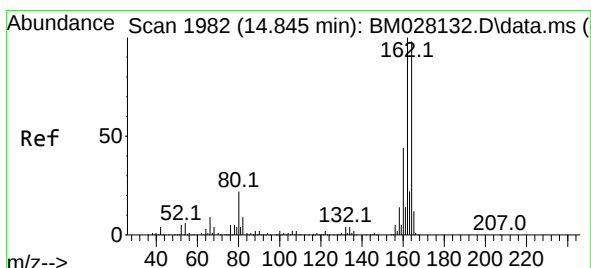
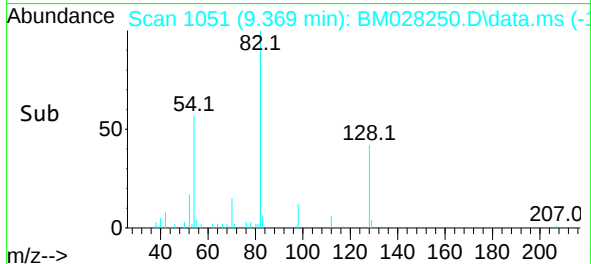
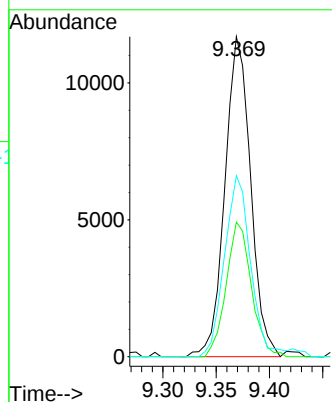
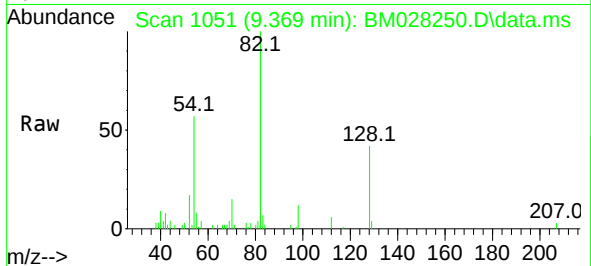




#23
Nitrobenzene-d5
Concen: 1.88 ng
RT: 9.369 min Scan# 1051
Delta R.T. -0.006 min
Lab File: BM028250.D
Acq: 23 Dec 2020 14:17

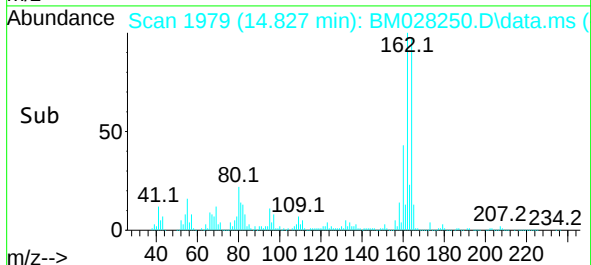
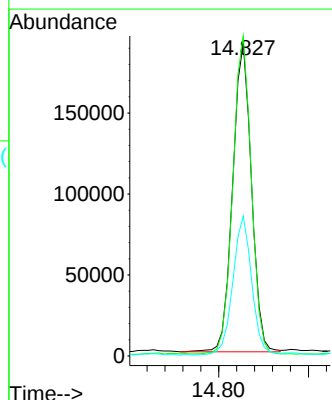
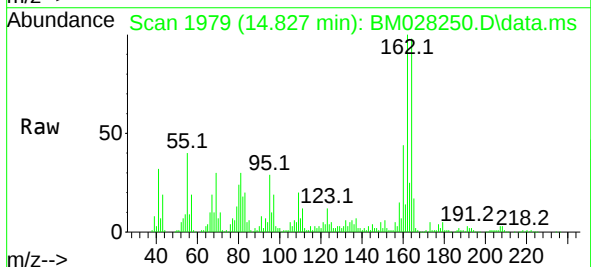
Instrument :
BNA_M
ClientSampleId :
CHRT-26920

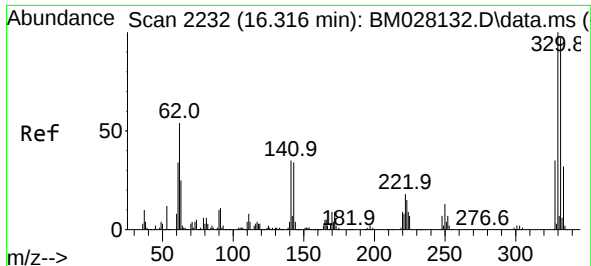
Tgt Ion: 82 Resp: 19600
Ion Ratio Lower Upper
82 100
128 42.1 27.4 41.0#
54 56.5 31.4 47.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.827 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BM028250.D
Acq: 23 Dec 2020 14:17

Tgt Ion:164 Resp: 276224
Ion Ratio Lower Upper
164 100
162 102.3 80.4 120.6
160 44.7 35.9 53.9

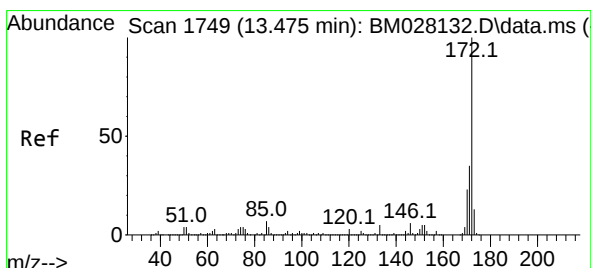
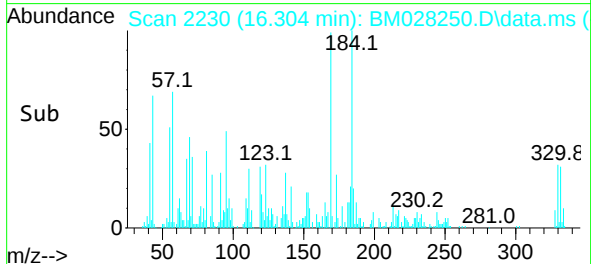
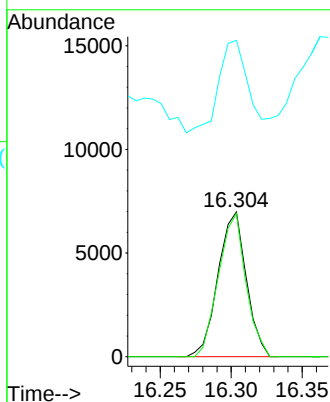
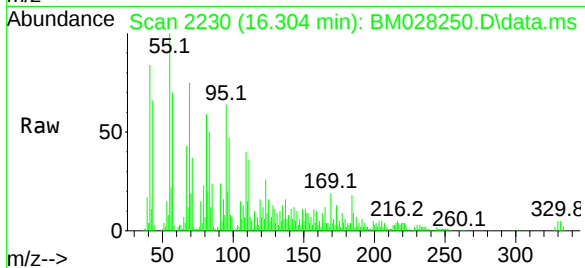




#42
2,4,6-Tribromophenol
Concen: 2.64 ng
RT: 16.304 min Scan# 2230
Delta R.T. 0.000 min
Lab File: BM028250.D
Acq: 23 Dec 2020 14:17

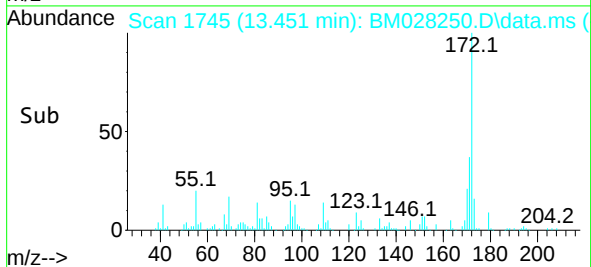
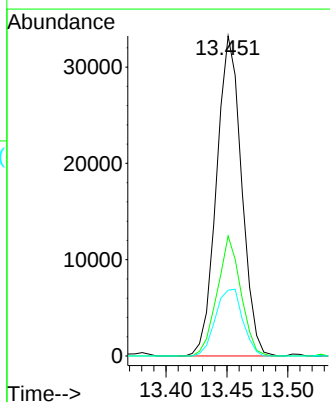
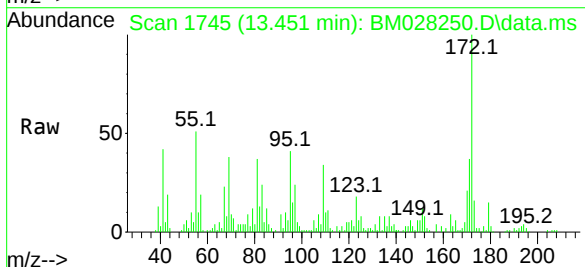
Instrument :
BNA_M
ClientSampleId :
CHRT-26920

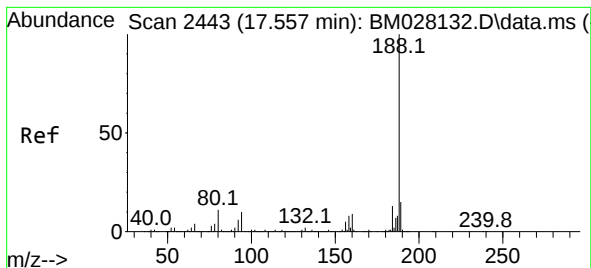
Tgt Ion:330 Resp: 9664
Ion Ratio Lower Upper
330 100
332 95.7 77.8 116.8
141 58.3 28.4 42.6#



#45
2-Fluorobiphenyl
Concen: 2.24 ng
RT: 13.451 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM028250.D
Acq: 23 Dec 2020 14:17

Tgt Ion:172 Resp: 47578
Ion Ratio Lower Upper
172 100
171 37.5 27.8 41.8
170 20.6 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: BM028250.D

Acq: 23 Dec 2020 14:17

Tgt Ion:188 Resp: 514726

Ion Ratio Lower Upper

188 100

94 13.9 6.2 9.4#

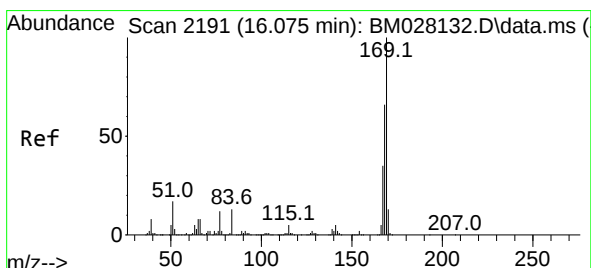
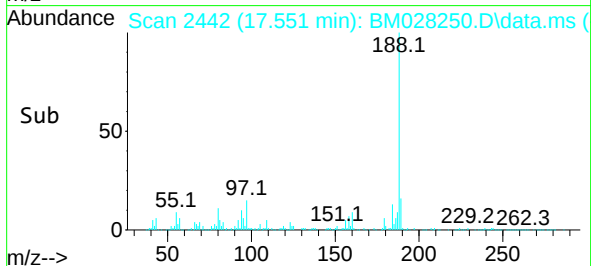
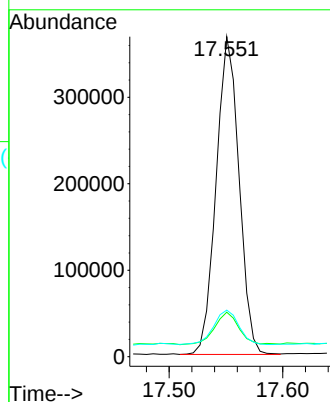
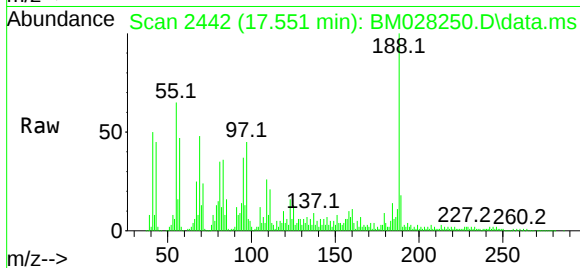
80 14.5 7.5 11.3#

Instrument :

BNA_M

ClientSampleId :

CHRT-26920



#66

n-Nitrosodiphenylamine

Concen: 3.16 ng

RT: 16.063 min Scan# 2189

Delta R.T. 0.000 min

Lab File: BM028250.D

Acq: 23 Dec 2020 14:17

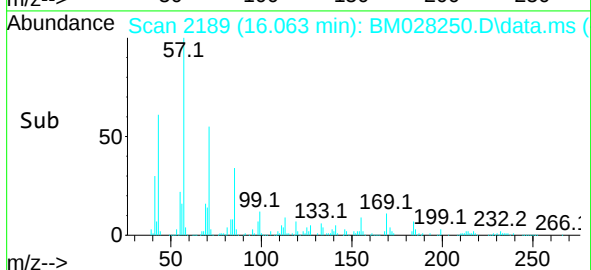
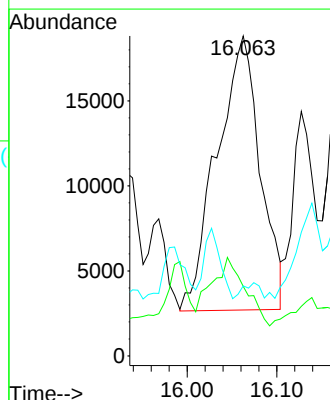
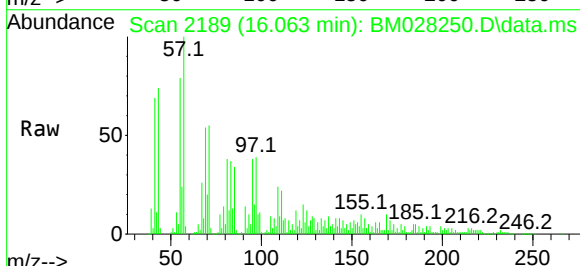
Tgt Ion:169 Resp: 53952

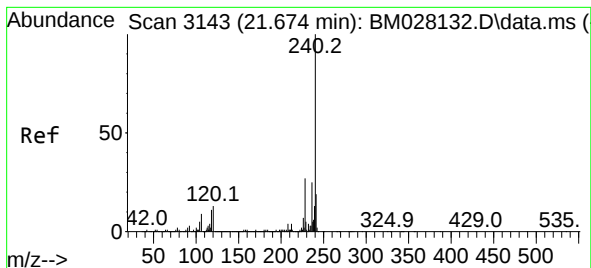
Ion Ratio Lower Upper

169 100

168 21.8 53.8 80.8#

167 21.9 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: BM028250.D

Acq: 23 Dec 2020 14:17

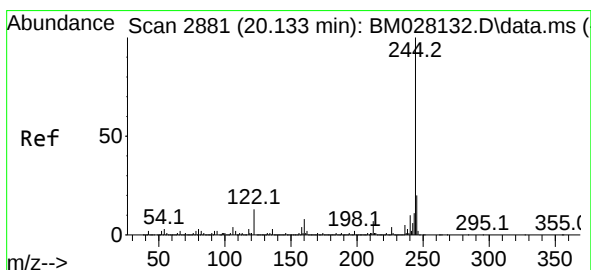
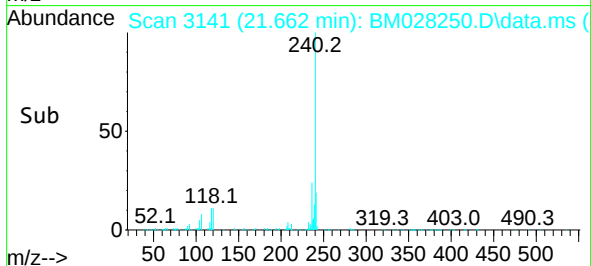
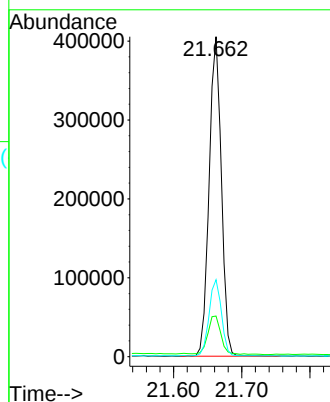
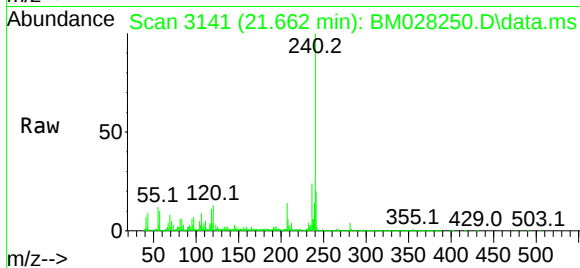
Tgt Ion:240 Resp: 505202

Ion Ratio Lower Upper

240 100

120 12.7 6.4 9.6#

236 24.1 20.1 30.1



#79

Terphenyl-d14

Concen: 2.19 ng

RT: 20.121 min Scan# 2879

Delta R.T. 0.000 min

Lab File: BM028250.D

Acq: 23 Dec 2020 14:17

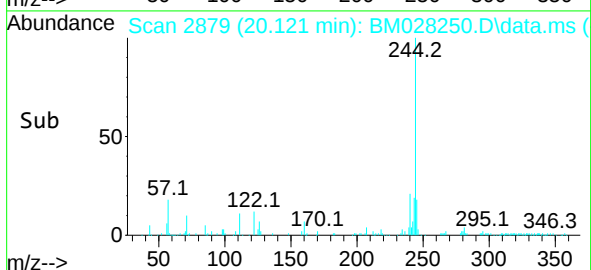
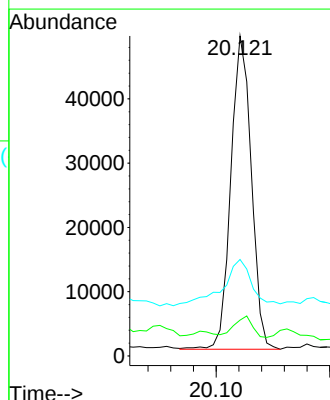
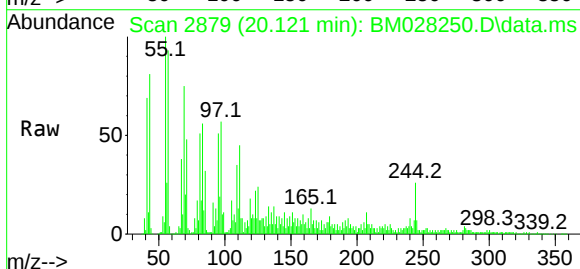
Tgt Ion:244 Resp: 60867

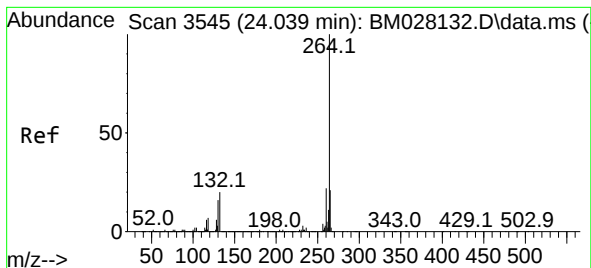
Ion Ratio Lower Upper

244 100

212 11.2 5.8 8.8#

122 30.1 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: BM028250.D

Acq: 23 Dec 2020 14:17

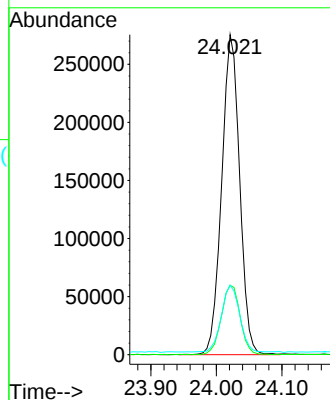
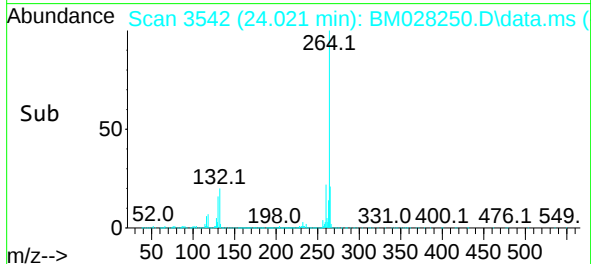
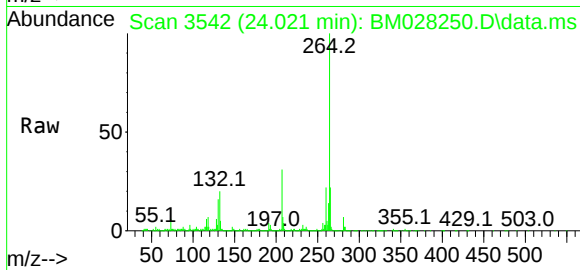
Tgt Ion:264 Resp: 522921

Ion Ratio Lower Upper

264 100

260 21.7 19.0 28.4

265 21.7 17.7 26.5



Instrument :

BNA_M

ClientSampleId :

CHRT-26920