

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
 Data File : BM042547.D
 Acq On : 01 Nov 2023 19:37
 Operator : MA/JU
 Sample : 05135-02 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CHRT-20413

Quant Time: Nov 01 23:44:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 02:55:18 2023
 Response via : Initial Calibration

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

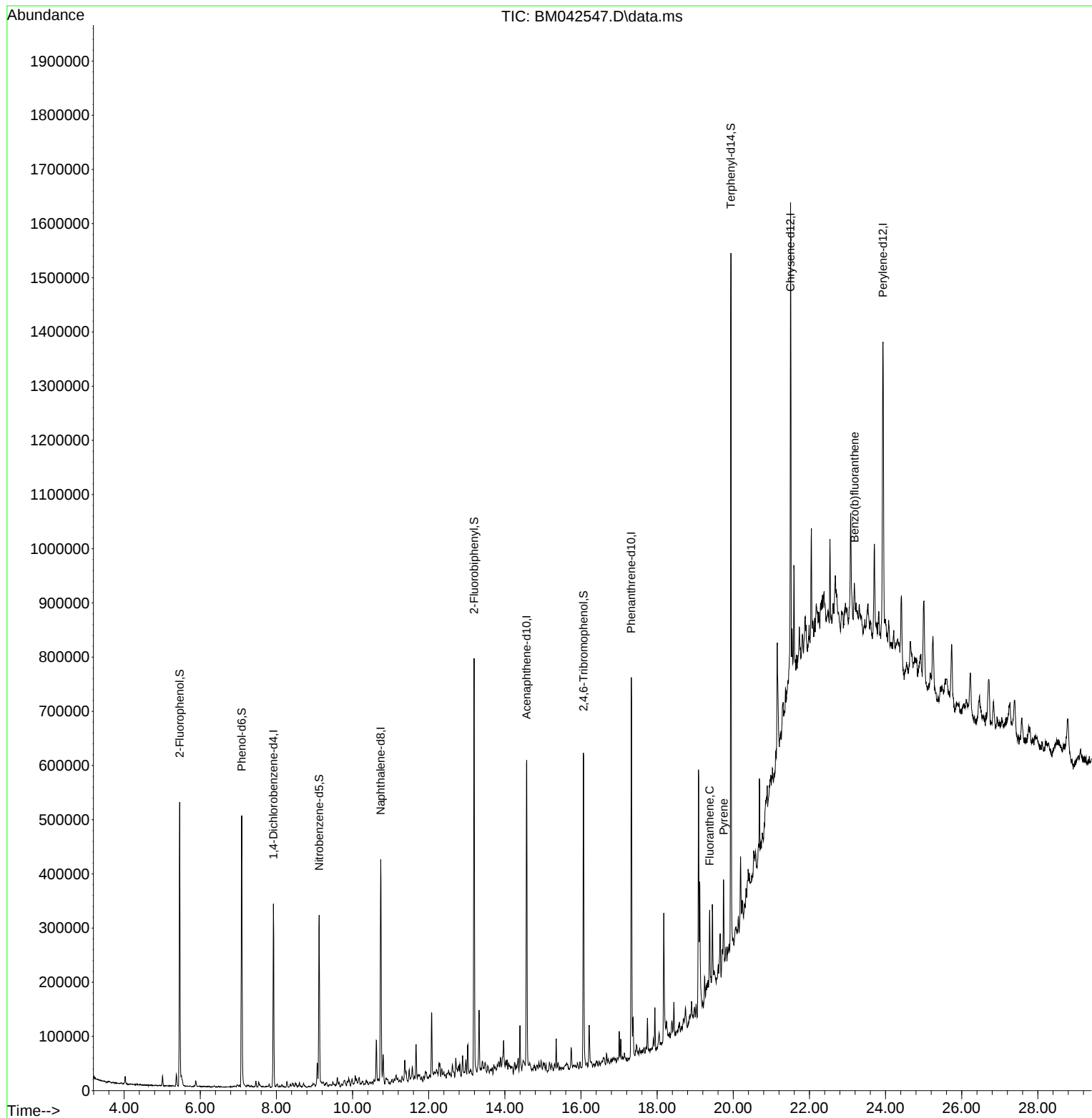
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	77731	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	297514	20.000	ng	-0.01
39) Acenaphthene-d10	14.569	164	182492	20.000	ng	-0.01
64) Phenanthrene-d10	17.321	188	398552	20.000	ng	0.00
76) Chrysene-d12	21.503	240	391720	20.000	ng	0.00
86) Perylene-d12	23.933	264	420166	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	190744	39.603	ng	0.00
7) Phenol-d6	7.087	99	246814	37.365	ng	-0.01
23) Nitrobenzene-d5	9.122	82	172355	27.006	ng	-0.01
42) 2,4,6-Tribromophenol	16.068	330	96662	40.570	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	343157	25.303	ng	0.00
79) Terphenyl-d14	19.939	244	570512	24.695	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.380	202	86571	3.538	ng	98
78) Pyrene	19.745	202	91014	3.384	ng	96
88) Benzo(b)fluoranthene	23.186	252	60362	2.579	ng	# 84

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

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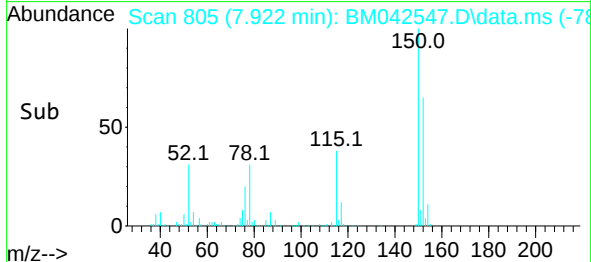
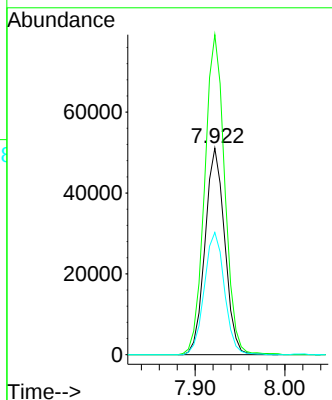
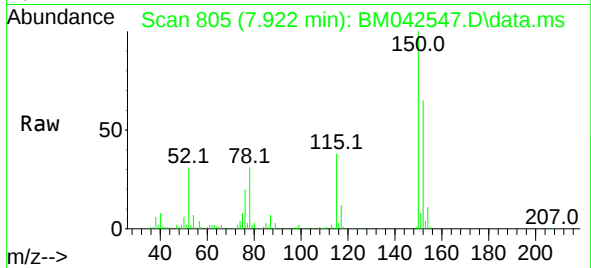




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM042547.D
Acq: 01 Nov 2023 19:37

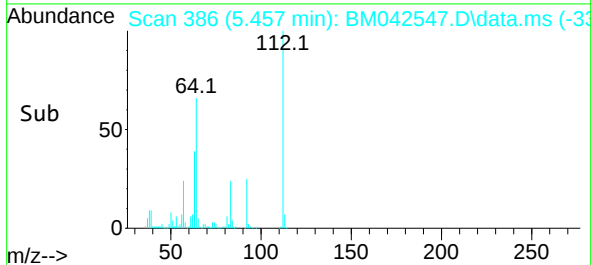
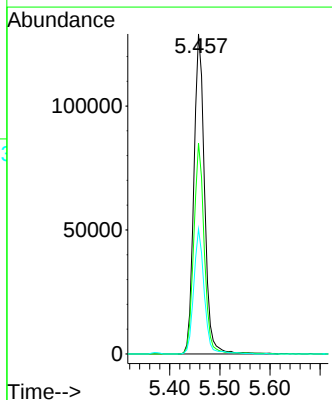
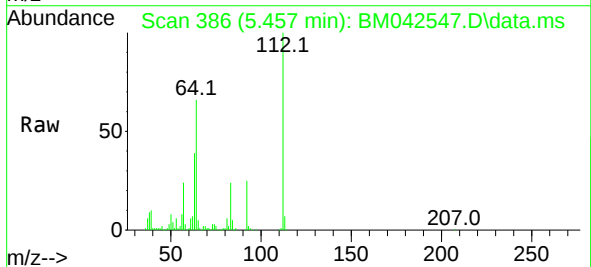
Instrument :
BNA_M
ClientSampleId :
CHRT-20413

Tgt Ion:152 Resp: 77731
Ion Ratio Lower Upper
152 100
150 154.9 127.4 191.0
115 59.1 47.9 71.9



#5
2-Fluorophenol
Concen: 39.603 ng
RT: 5.457 min Scan# 386
Delta R.T. -0.006 min
Lab File: BM042547.D
Acq: 01 Nov 2023 19:37

Tgt Ion:112 Resp: 190744
Ion Ratio Lower Upper
112 100
64 65.9 52.1 78.1
63 39.1 28.3 42.5

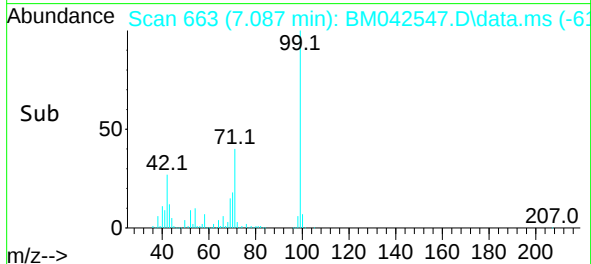
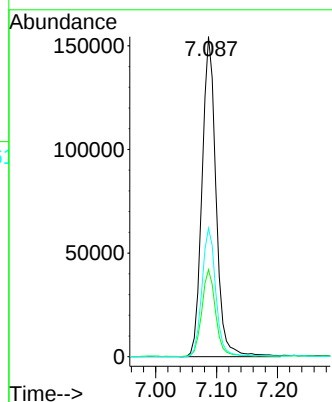
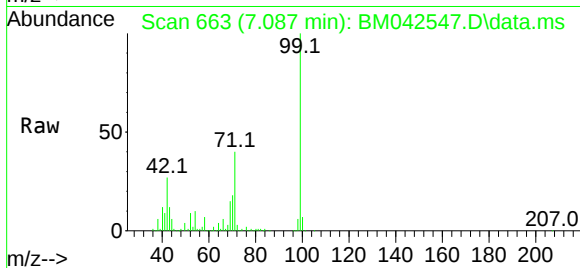




#7
Phenol-d6
Concen: 37.365 ng
RT: 7.087 min Scan# 60
Delta R.T. -0.012 min
Lab File: BM042547.D
Acq: 01 Nov 2023 19:37

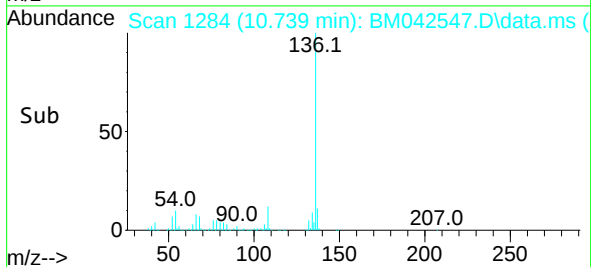
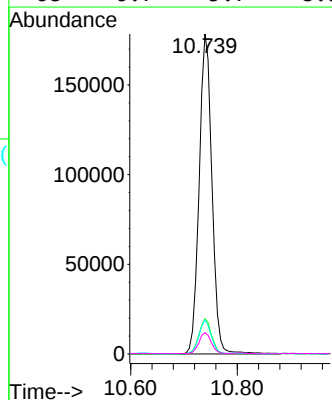
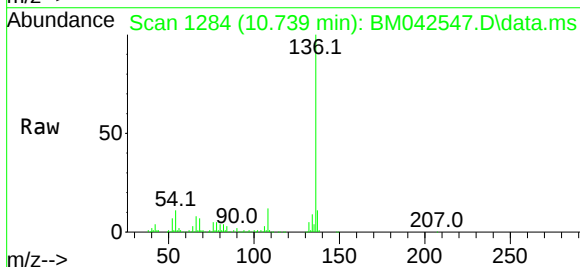
Instrument :
BNA_M
ClientSampleId :
CHRT-20413

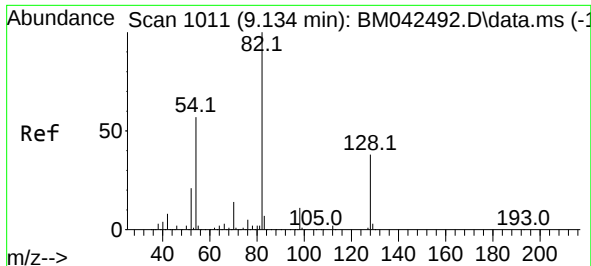
Tgt Ion: 99 Resp: 246814
Ion Ratio Lower Upper
99 100
42 27.2 18.7 28.1
71 40.2 29.1 43.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BM042547.D
Acq: 01 Nov 2023 19:37

Tgt Ion:136 Resp: 297514
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 10.6 8.0 12.0
68 6.7 5.7 8.5

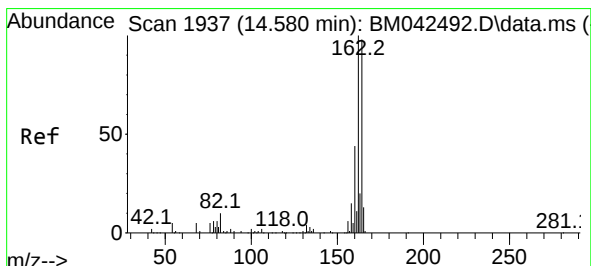
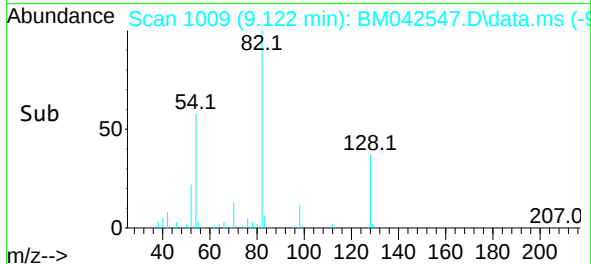
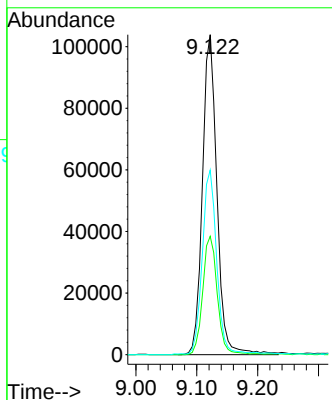
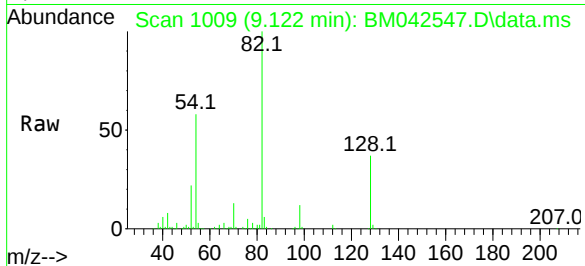




#23
Nitrobenzene-d5
Concen: 27.006 ng
RT: 9.122 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BM042547.D
Acq: 01 Nov 2023 19:37

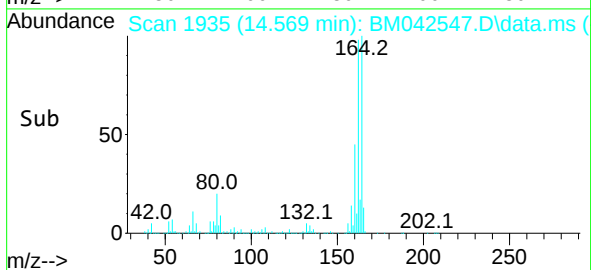
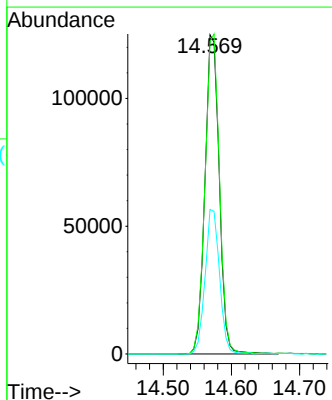
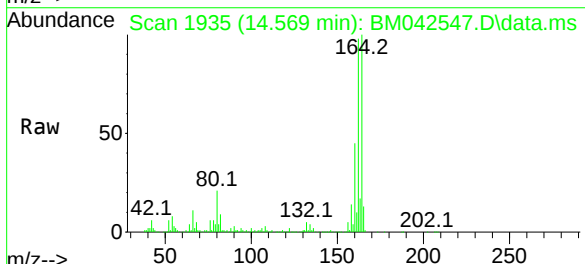
Instrument :
BNA_M
ClientSampleId :
CHRT-20413

Tgt Ion: 82 Resp: 172355
Ion Ratio Lower Upper
82 100
128 37.0 30.7 46.1
54 57.7 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1935
Delta R.T. -0.011 min
Lab File: BM042547.D
Acq: 01 Nov 2023 19:37

Tgt Ion:164 Resp: 182492
Ion Ratio Lower Upper
164 100
162 97.9 81.6 122.4
160 45.3 36.2 54.4

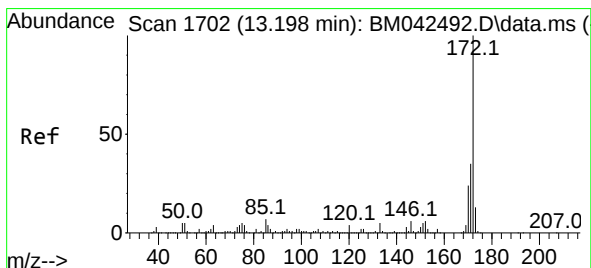
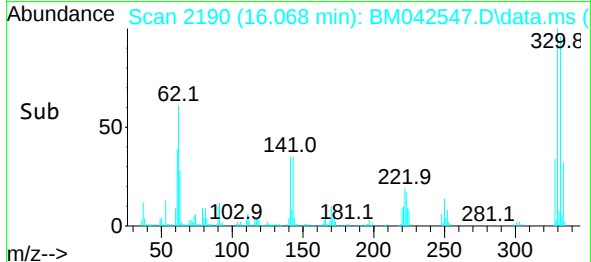
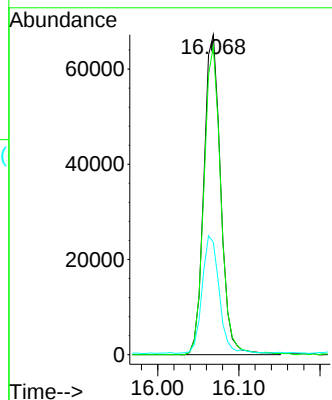
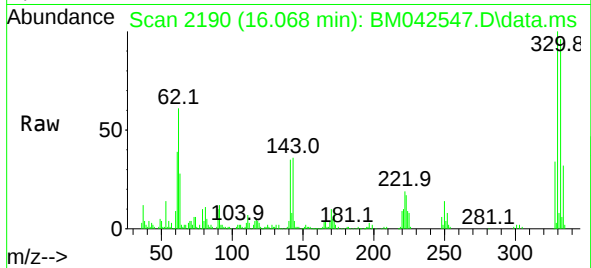




#42
2,4,6-Tribromophenol
Concen: 40.570 ng
RT: 16.068 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BM042547.D
Acq: 01 Nov 2023 19:37

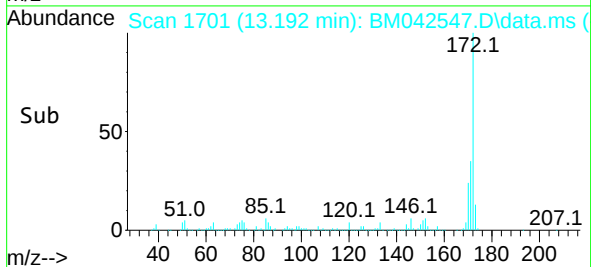
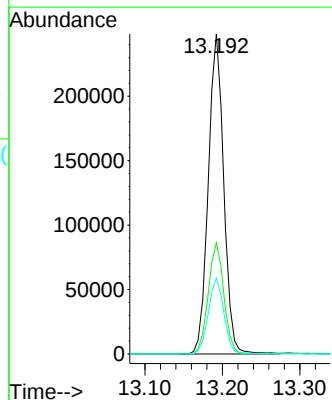
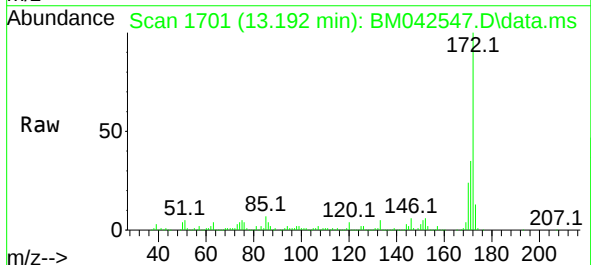
Instrument :
BNA_M
ClientSampleId :
CHRT-20413

Tgt Ion:330 Resp: 96662
Ion Ratio Lower Upper
330 100
332 97.0 78.8 118.2
141 37.3 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 25.303 ng
RT: 13.192 min Scan# 1701
Delta R.T. -0.006 min
Lab File: BM042547.D
Acq: 01 Nov 2023 19:37

Tgt Ion:172 Resp: 343157
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.321 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM042547.D

Acq: 01 Nov 2023 19:37

Instrument :

BNA_M

ClientSampleId :

CHRT-20413

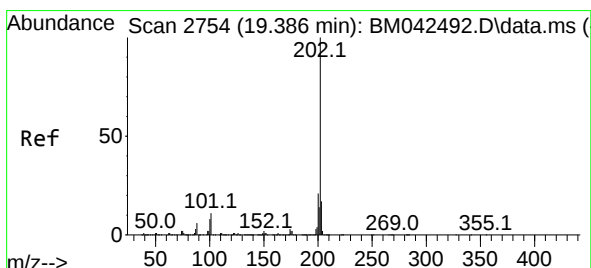
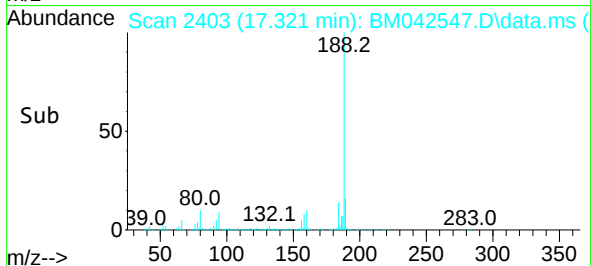
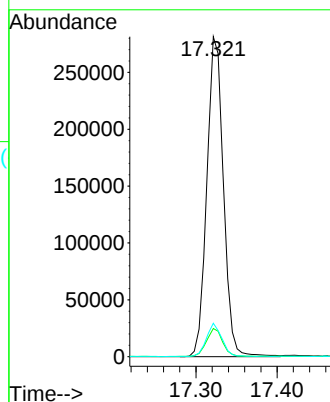
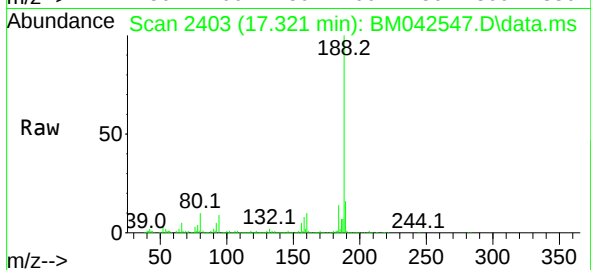
Tgt Ion:188 Resp: 398552

Ion Ratio Lower Upper

188 100

94 8.8 8.2 12.4

80 10.5 9.4 14.2



#75

Fluoranthene

Concen: 3.538 ng

RT: 19.380 min Scan# 2753

Delta R.T. -0.006 min

Lab File: BM042547.D

Acq: 01 Nov 2023 19:37

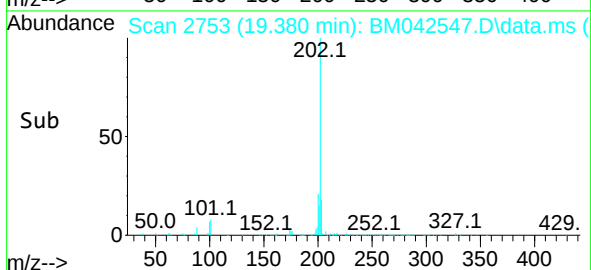
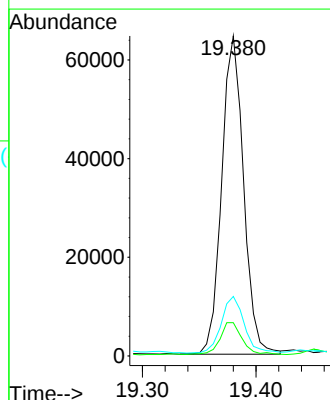
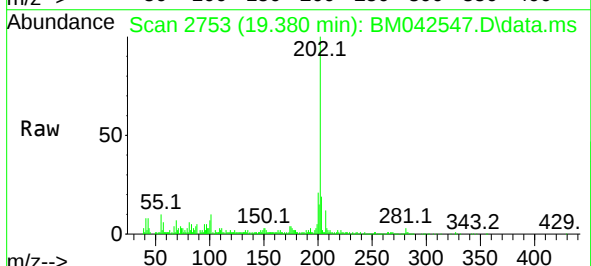
Tgt Ion:202 Resp: 86571

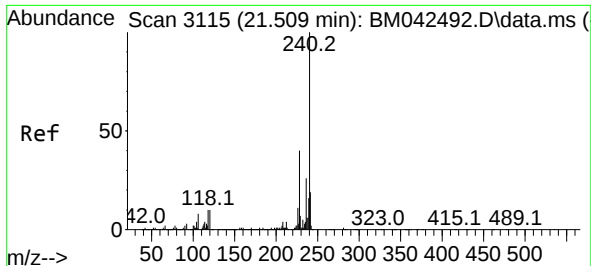
Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.5

203 18.6 0.0 37.0

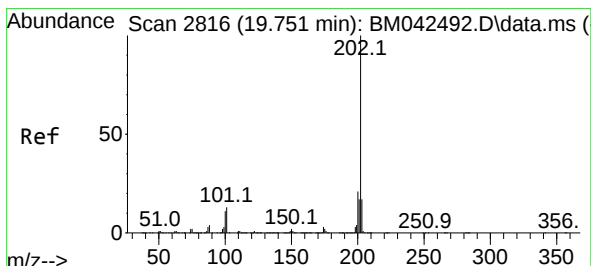
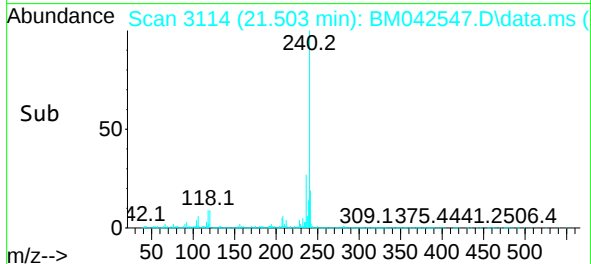
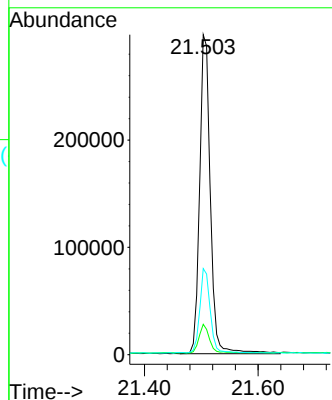
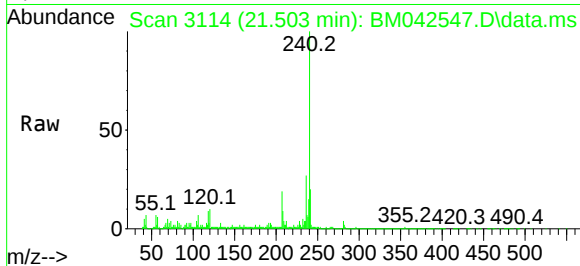




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.503 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM042547.D
Acq: 01 Nov 2023 19:37

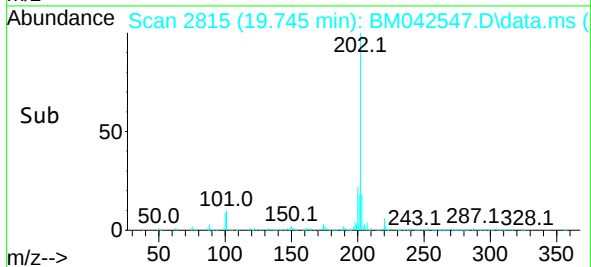
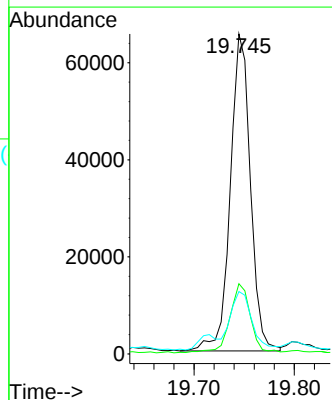
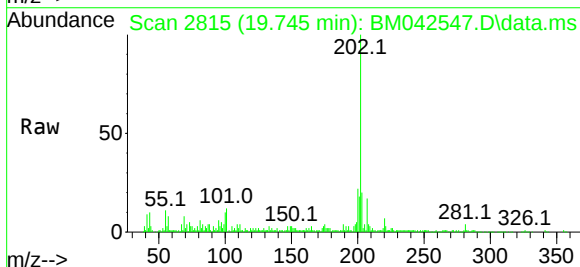
Instrument :
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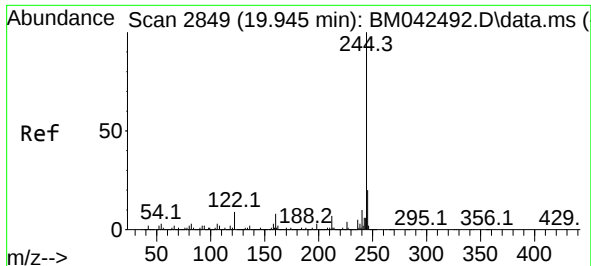
Tgt Ion:240 Resp: 391720
Ion Ratio Lower Upper
240 100
120 9.5 8.3 12.5
236 26.9 20.8 31.2



#78
Pyrene
Concen: 3.384 ng
RT: 19.745 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BM042547.D
Acq: 01 Nov 2023 19:37

Tgt Ion:202 Resp: 91014
Ion Ratio Lower Upper
202 100
200 22.0 16.9 25.3
203 19.5 13.7 20.5

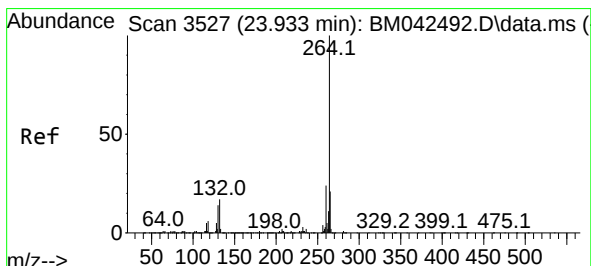
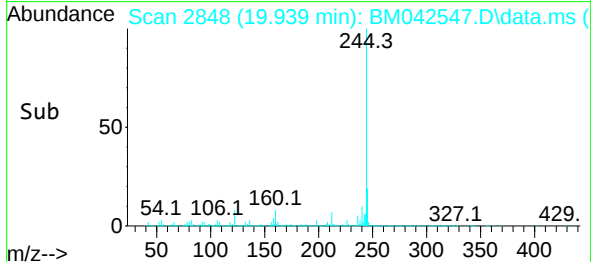
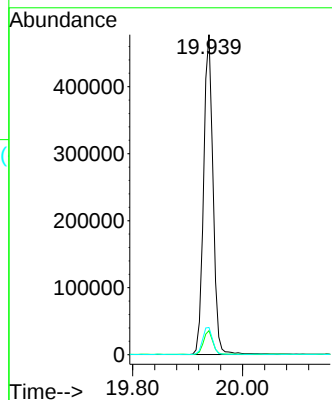
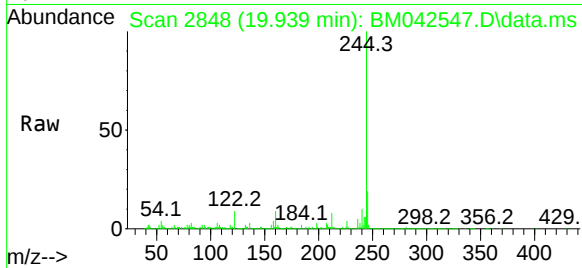




#79
 Terphenyl-d14
 Concen: 24.695 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042547.D
 Acq: 01 Nov 2023 19:37

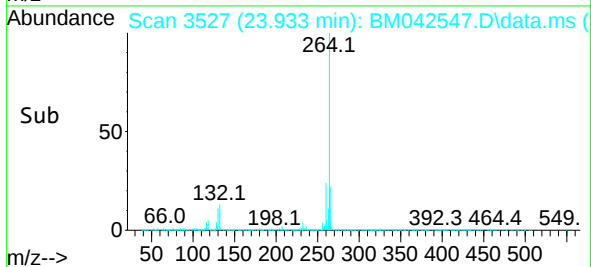
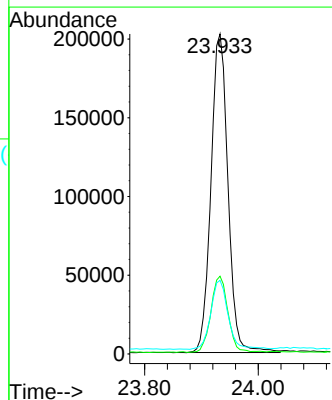
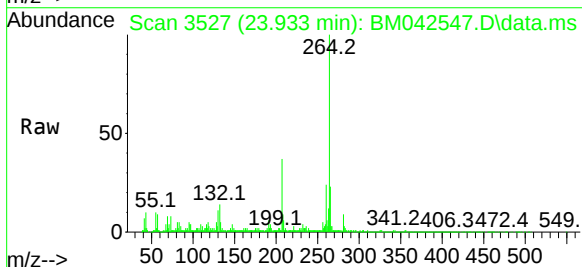
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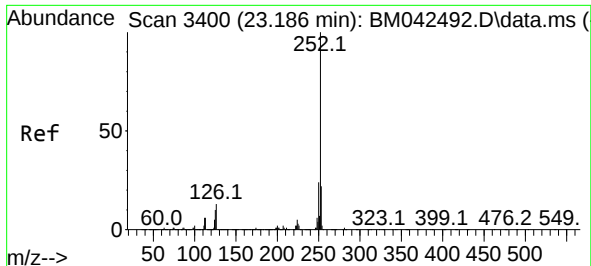
Tgt Ion:244 Resp: 570512
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.2
 122 8.5 7.2 10.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.933 min Scan# 3527
 Delta R.T. -0.000 min
 Lab File: BM042547.D
 Acq: 01 Nov 2023 19:37

Tgt Ion:264 Resp: 420166
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.4
 265 23.0 18.7 28.1





#88
Benzo(b)fluoranthene
Concen: 2.579 ng
RT: 23.186 min Scan# 34
Delta R.T. -0.000 min
Lab File: BM042547.D
Acq: 01 Nov 2023 19:37

Instrument :
BNA_M
ClientSampleId :
CHRT-20413

Tgt Ion:252 Resp: 60362
Ion Ratio Lower Upper
252 100
253 27.7 17.5 26.3#
125 18.4 7.8 11.6#

