

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110423\
 Data File : BM042590.D
 Acq On : 04 Nov 2023 14:17
 Operator : MA/JU
 Sample : 05228-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CHRT-26882

Quant Time: Nov 06 01:44:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:52:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	51089	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	190842	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	145909	20.000	ng	# 0.02
64) Phenanthrene-d10	17.374	188	123684	20.000	ng	# 0.06
76) Chrysene-d12	21.527	240	243449	20.000	ng	# 0.02
86) Perylene-d12	23.938	264	275969	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	282532	89.251	ng	0.00
7) Phenol-d6	7.075	99	355999	81.999	ng	0.00
23) Nitrobenzene-d5	9.110	82	261914	63.977	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	119426	62.692	ng	0.04
45) 2-Fluorobiphenyl	13.186	172	520212	47.975	ng	0.00
79) Terphenyl-d14	19.974	244	483948	33.707	ng	0.04

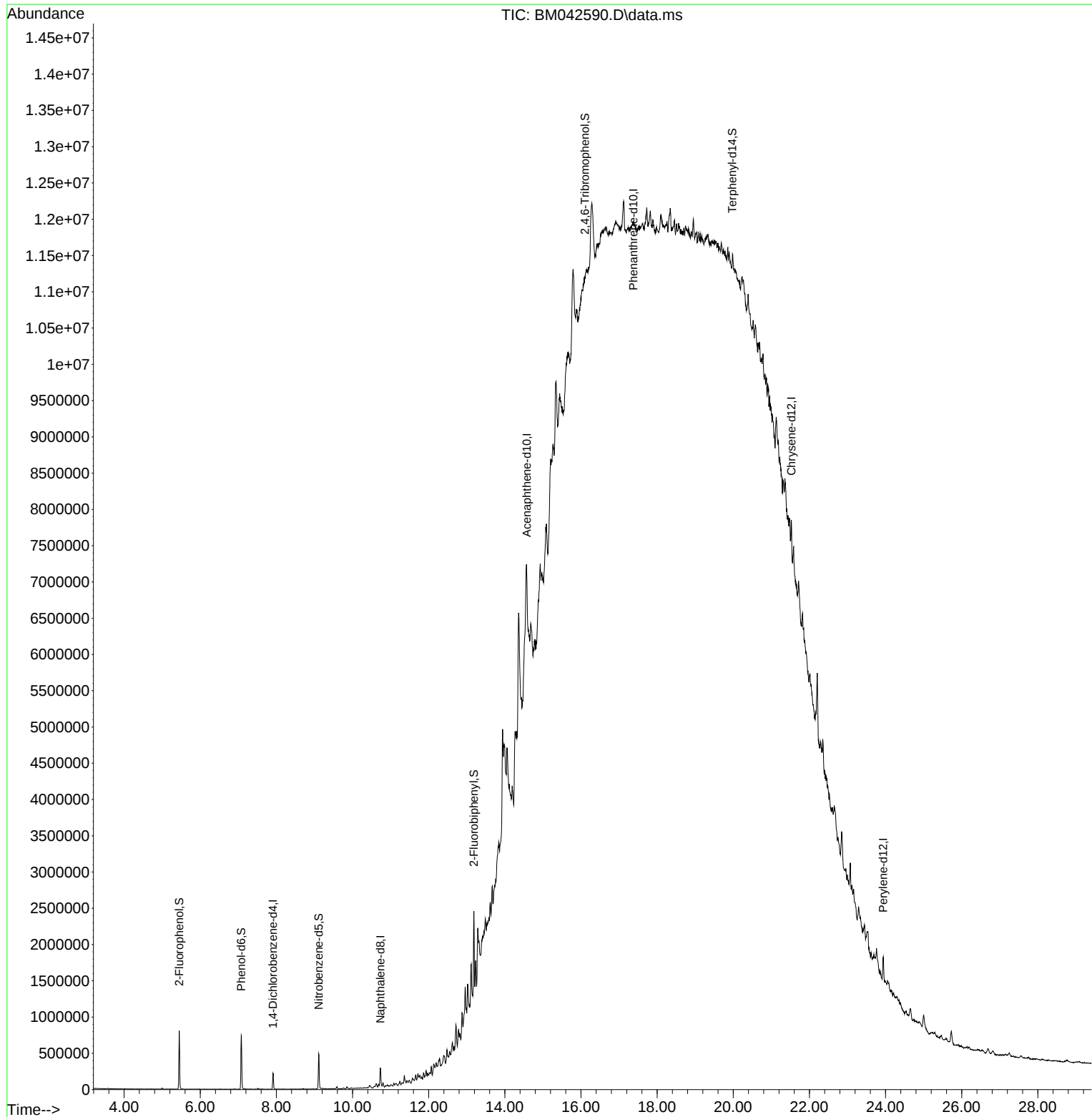
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110423\
Data File : BM042590.D
Acq On : 04 Nov 2023 14:17
Operator : MA/JU
Sample : 05228-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CHRT-26882

Quant Time: Nov 06 01:44:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:52:20 2023
Response via : Initial Calibration

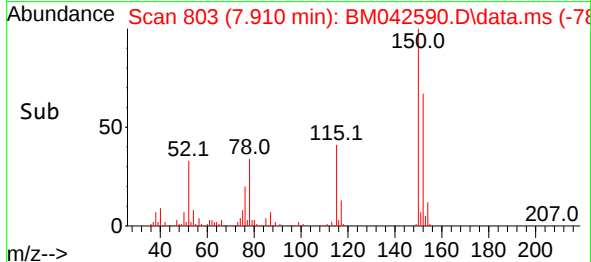
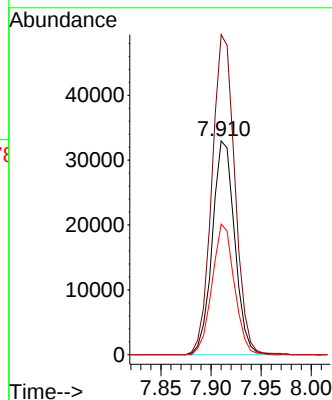
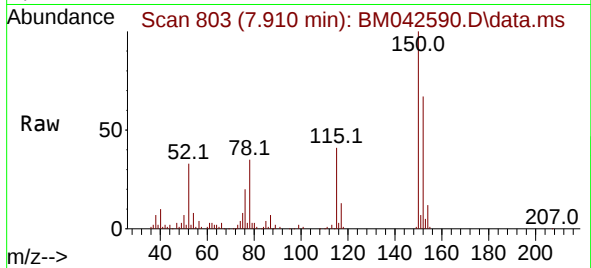




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 806
Delta R.T. 0.000 min
Lab File: BM042590.D
Acq: 04 Nov 2023 14:17

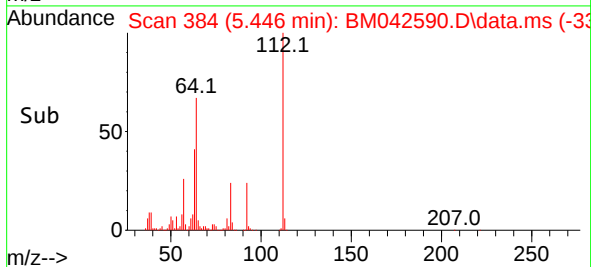
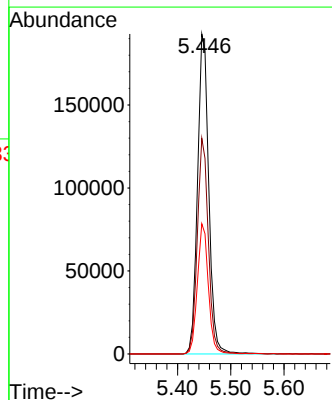
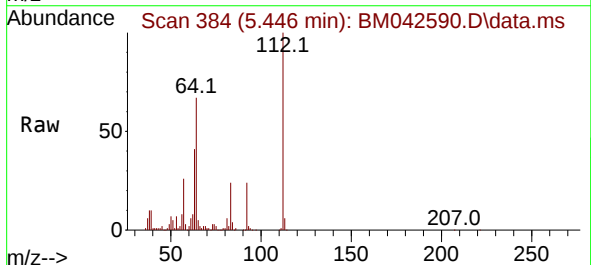
Instrument :
BNA_M
ClientSampleId :
CHRT-26882

Tgt Ion:152 Resp: 51089
Ion Ratio Lower Upper
152 100
150 149.7 127.4 191.0
115 61.1 47.9 71.9



#5
2-Fluorophenol
Concen: 89.251 ng
RT: 5.446 min Scan# 384
Delta R.T. 0.006 min
Lab File: BM042590.D
Acq: 04 Nov 2023 14:17

Tgt Ion:112 Resp: 282532
Ion Ratio Lower Upper
112 100
64 67.4 52.1 78.1
63 40.7 28.3 42.5

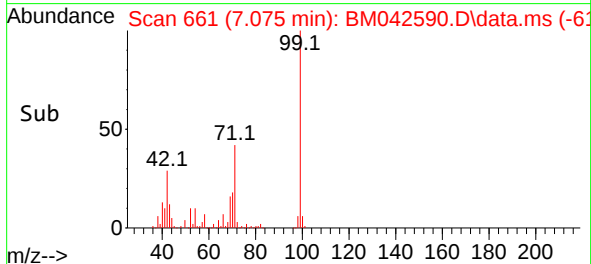
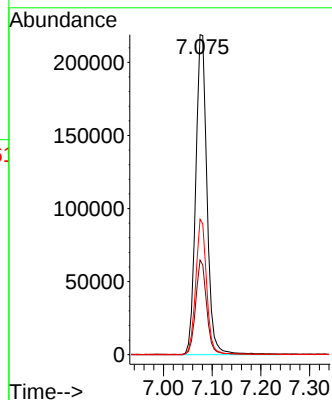
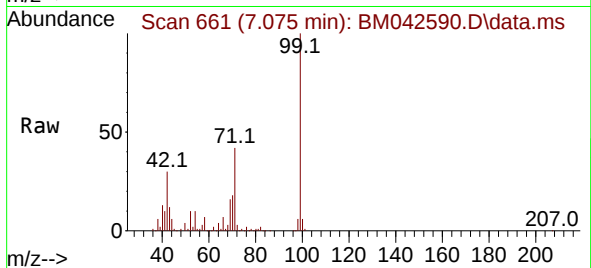




#7
Phenol-d6
Concen: 81.999 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM042590.D
Acq: 04 Nov 2023 14:17

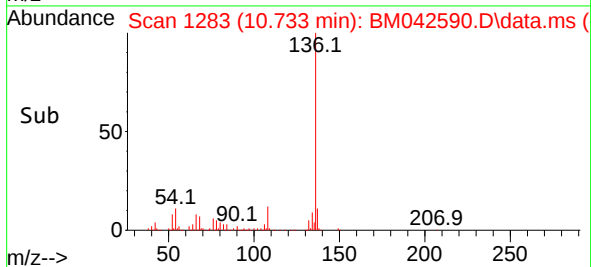
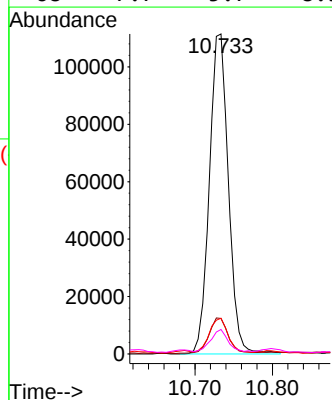
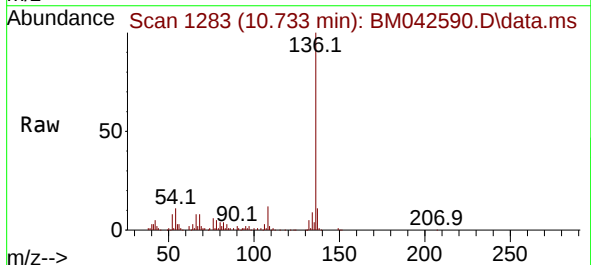
Instrument :
BNA_M
ClientSampleId :
CHRT-26882

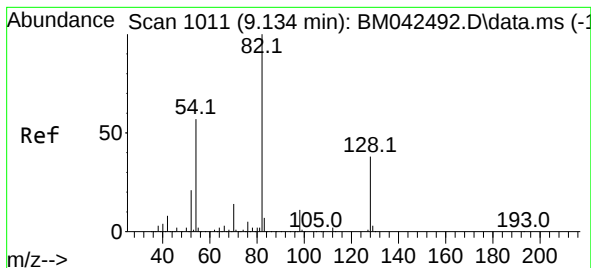
Tgt Ion: 99 Resp: 355999
Ion Ratio Lower Upper
99 100
42 29.5 18.7 28.1#
71 42.3 29.1 43.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BM042590.D
Acq: 04 Nov 2023 14:17

Tgt Ion: 136 Resp: 190842
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 11.2 8.0 12.0
68 7.7 5.7 8.5





#23

Nitrobenzene-d5

Concen: 63.977 ng

RT: 9.110 min Scan# 1011

Delta R.T. -0.000 min

Lab File: BM042590.D

Acq: 04 Nov 2023 14:17

Instrument :

BNA_M

ClientSampleId :

CHRT-26882

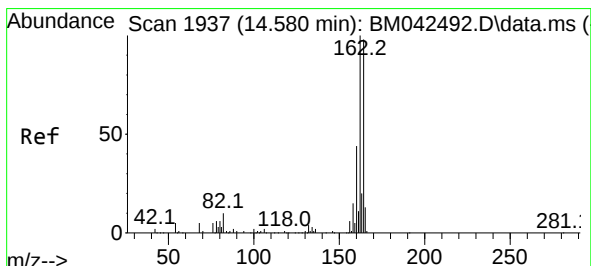
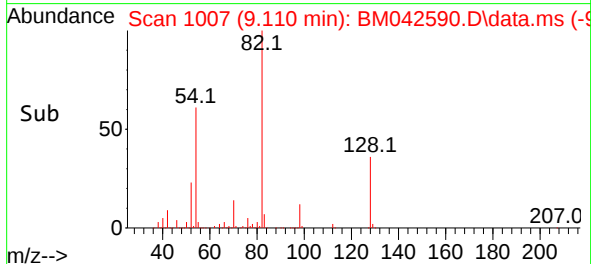
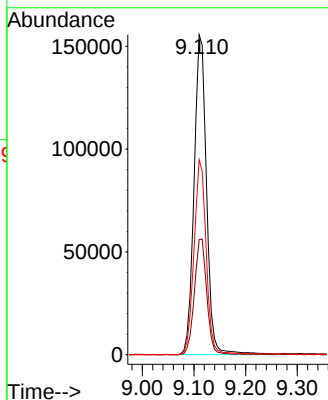
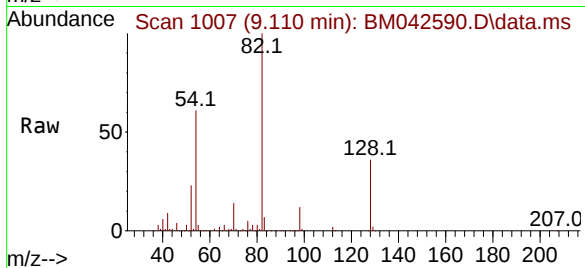
Tgt Ion: 82 Resp: 261914

Ion Ratio Lower Upper

82 100

128 35.9 30.7 46.1

54 60.9 45.3 67.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.580 min Scan# 1937

Delta R.T. 0.017 min

Lab File: BM042590.D

Acq: 04 Nov 2023 14:17

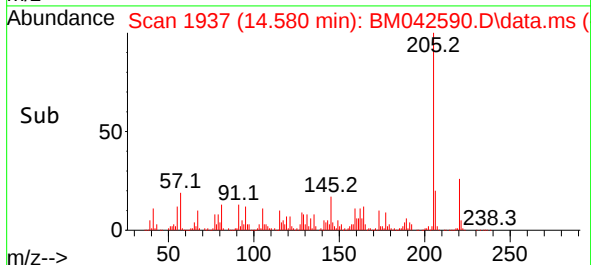
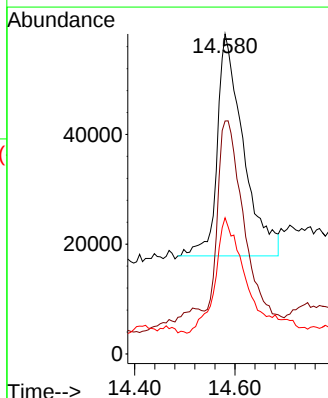
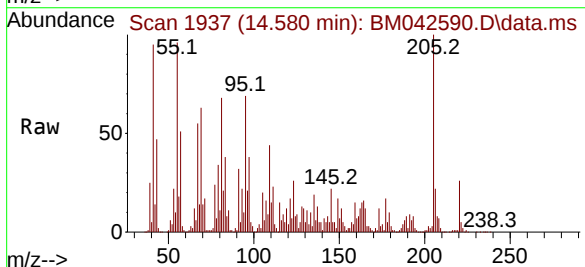
Tgt Ion:164 Resp: 145909

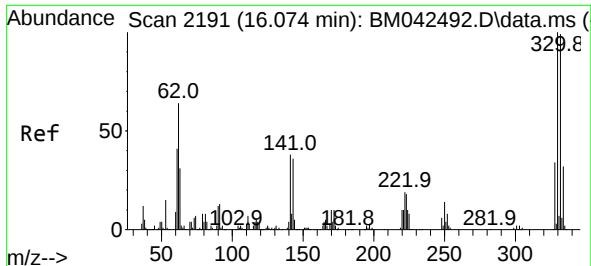
Ion Ratio Lower Upper

164 100

162 72.8 81.6 122.4#

160 42.5 36.2 54.4

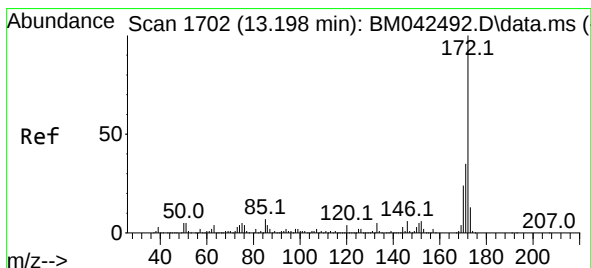
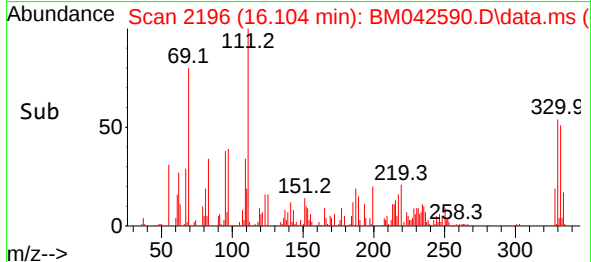
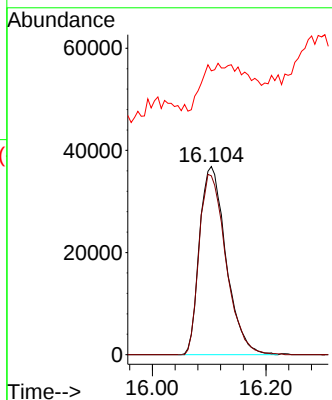
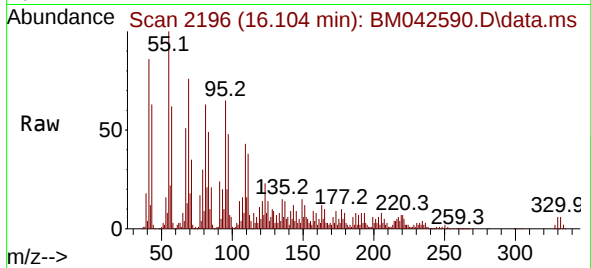




#42
 2,4,6-Tribromophenol
 Concen: 62.692 ng
 RT: 16.104 min Scan# 2191
 Delta R.T. 0.041 min
 Lab File: BM042590.D
 Acq: 04 Nov 2023 14:17

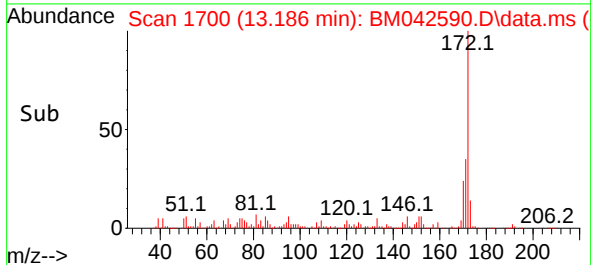
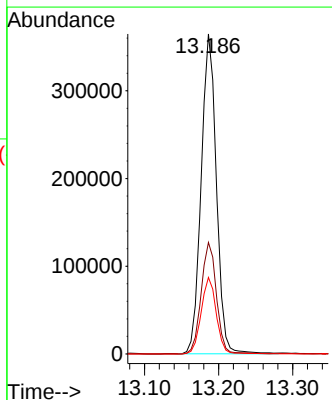
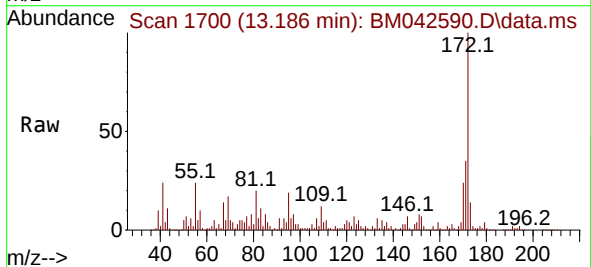
Instrument :
 BNA_M
 ClientSampleId :
 CHRT-26882

Tgt Ion:330 Resp: 119426
 Ion Ratio Lower Upper
 330 100
 332 96.8 78.8 118.2
 141 21.1 31.1 46.7#



#45
 2-Fluorobiphenyl
 Concen: 47.975 ng
 RT: 13.186 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: BM042590.D
 Acq: 04 Nov 2023 14:17

Tgt Ion:172 Resp: 520212
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.2 42.2
 170 23.9 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.374 min Scan# 24

Delta R.T. 0.058 min

Lab File: BM042590.D

Acq: 04 Nov 2023 14:17

Instrument :

BNA_M

ClientSampleId :

CHRT-26882

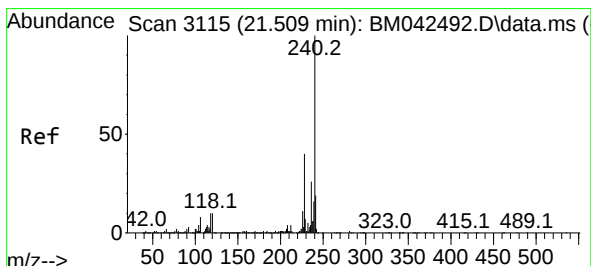
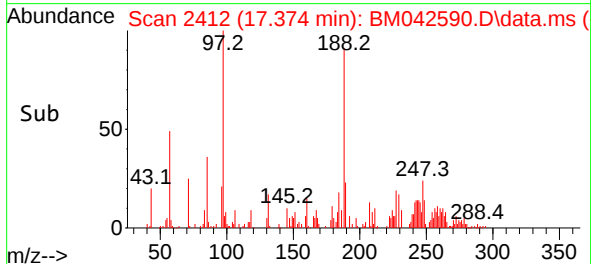
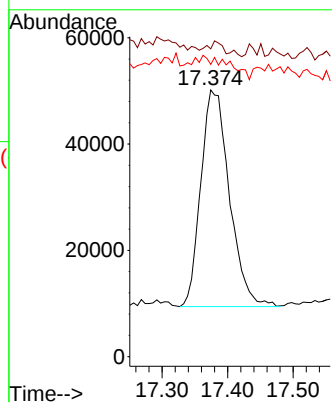
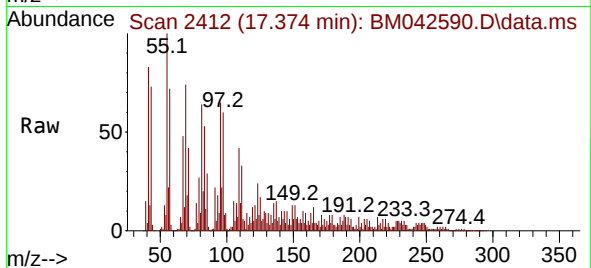
Tgt Ion:188 Resp: 123684

Ion Ratio Lower Upper

188 100

94 115.4 8.2 12.4#

80 109.6 9.4 14.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.527 min Scan# 3118

Delta R.T. 0.023 min

Lab File: BM042590.D

Acq: 04 Nov 2023 14:17

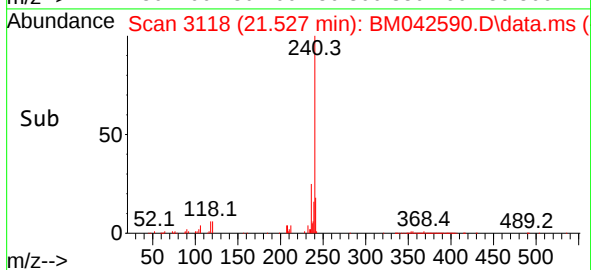
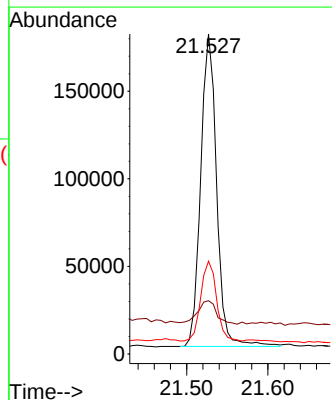
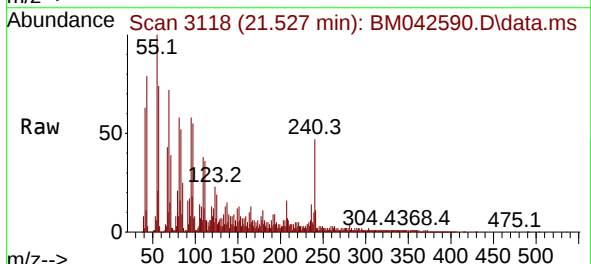
Tgt Ion:240 Resp: 243449

Ion Ratio Lower Upper

240 100

120 16.6 8.3 12.5#

236 29.0 20.8 31.2

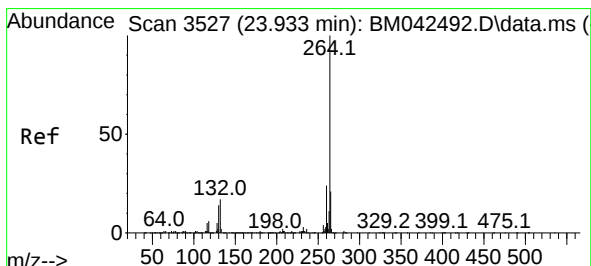
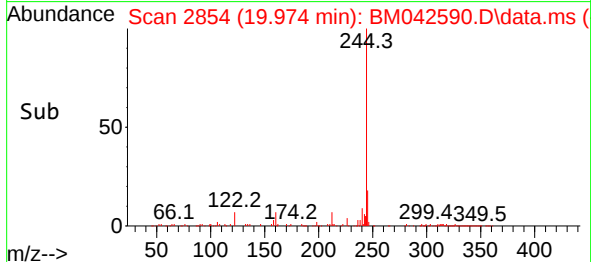
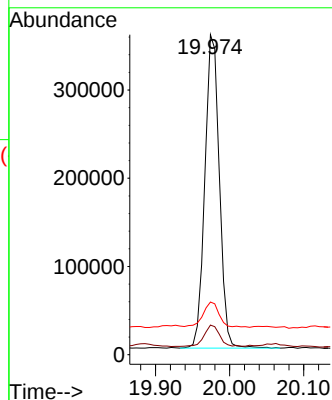
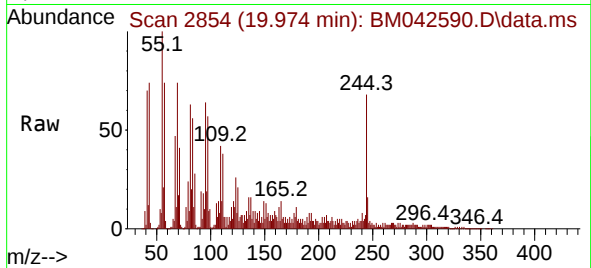




#79
 Terphenyl-d14
 Concen: 33.707 ng
 RT: 19.974 min Scan# 21
 Delta R.T. 0.041 min
 Lab File: BM042590.D
 Acq: 04 Nov 2023 14:17

Instrument :
 BNA_M
 ClientSampleId :
 CHRT-26882

Tgt Ion:244 Resp: 483948
 Ion Ratio Lower Upper
 244 100
 212 9.2 5.4 8.2#
 122 16.5 7.2 10.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.938 min Scan# 3528
 Delta R.T. 0.023 min
 Lab File: BM042590.D
 Acq: 04 Nov 2023 14:17

Tgt Ion:264 Resp: 275969
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.4
 265 23.8 18.7 28.1

