

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
 Data File : BM041187.D
 Acq On : 31 Jul 2023 13:43
 Operator : MA/JU
 Sample : 03642-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

Quant Time: Jul 31 16:33:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 31 16:29:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	157916	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	519570	20.000	ng	# 0.00
39) Acenaphthene-d10	14.469	164	374096	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	769898	20.000	ng	0.00
76) Chrysene-d12	21.427	240	711865	20.000	ng	0.00
86) Perylene-d12	23.791	264	831120	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	410445	38.846	ng	0.00
7) Phenol-d6	6.987	99	387417	28.287	ng	0.01
23) Nitrobenzene-d5	8.975	82	1120614	100.302	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	417912	78.980	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	2295719	77.522	ng	0.00
79) Terphenyl-d14	19.862	244	3816307	96.930	ng	0.00

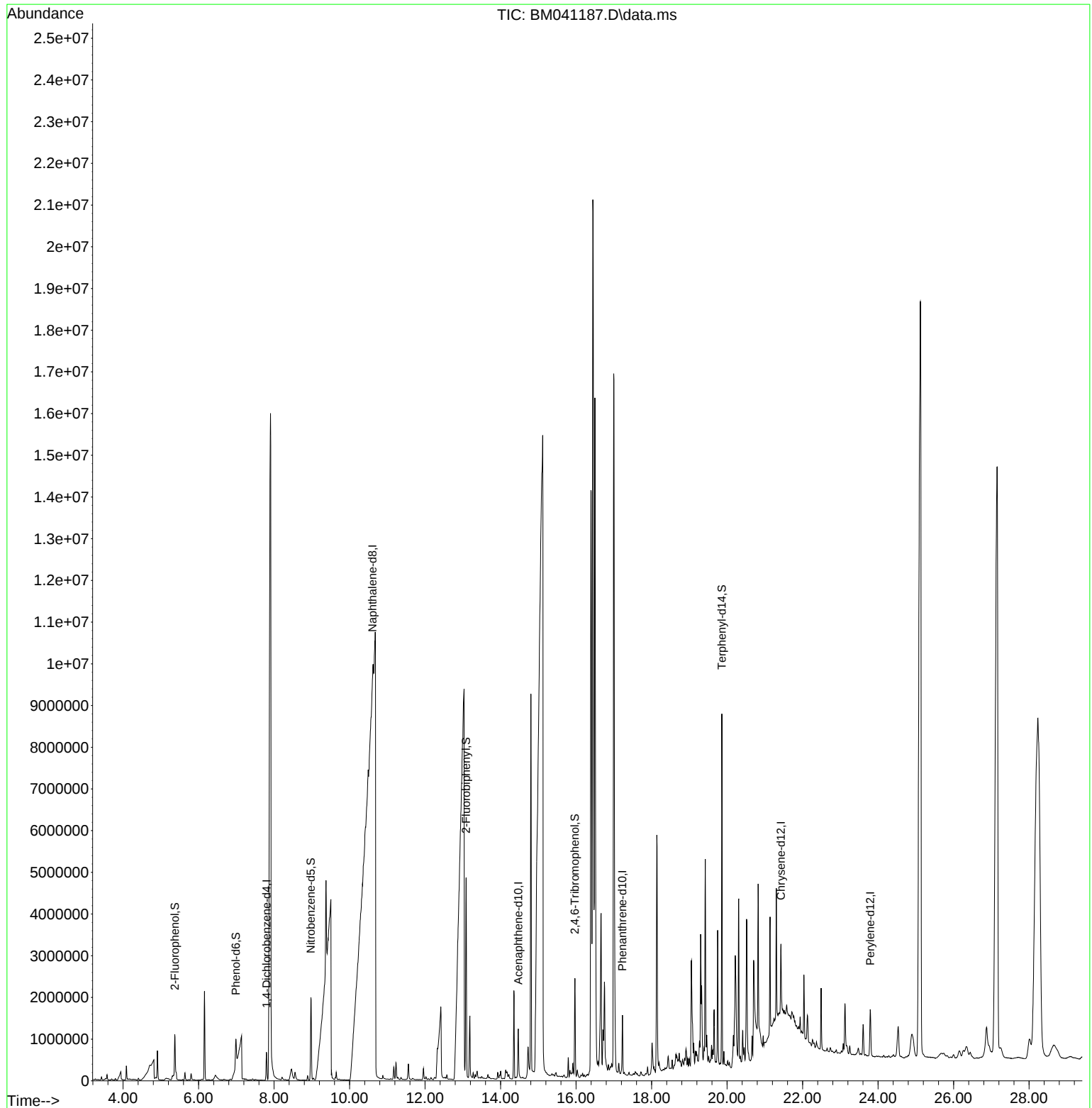
Target Compounds	Qvalue

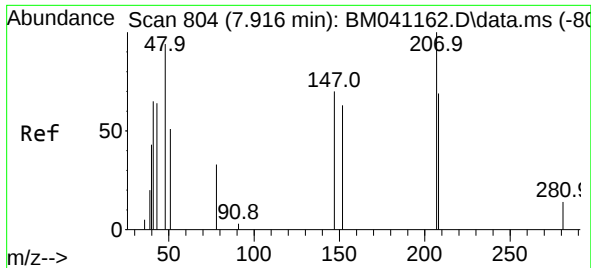
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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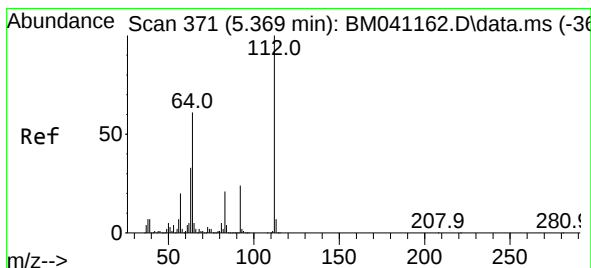
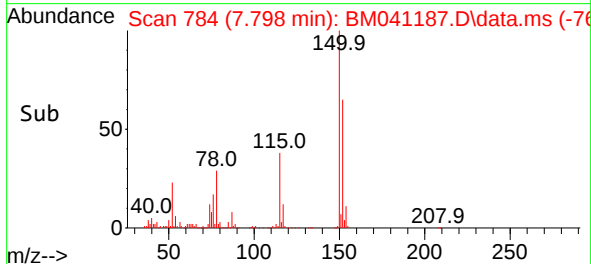
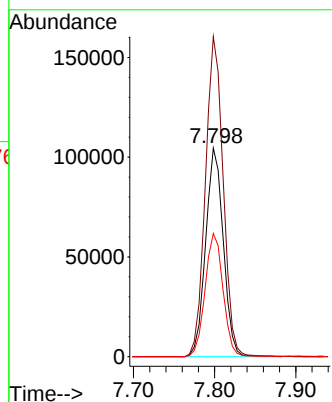
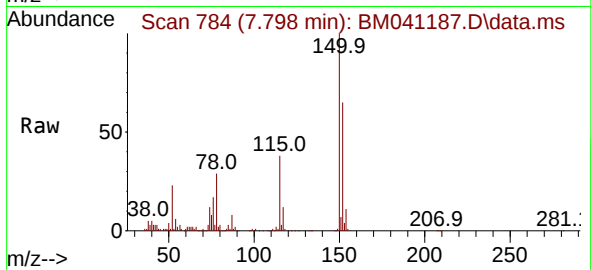




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041187.D
Acq: 31 Jul 2023 13:43

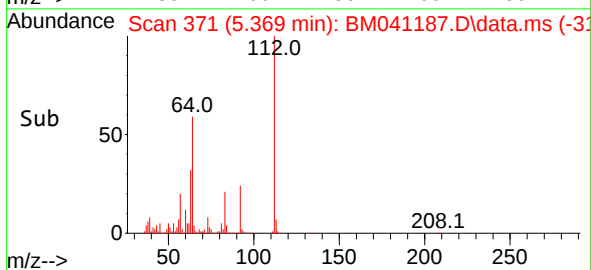
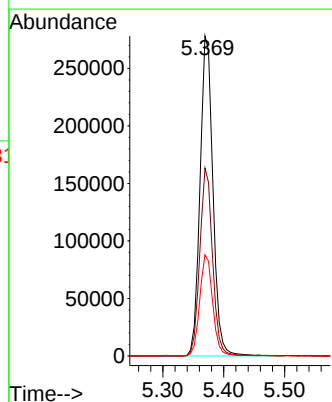
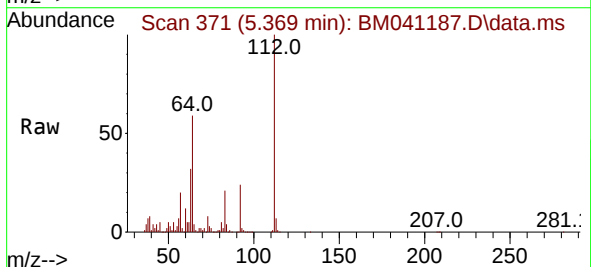
Instrument :
BNA_M
ClientSampleId :
EFF-WW

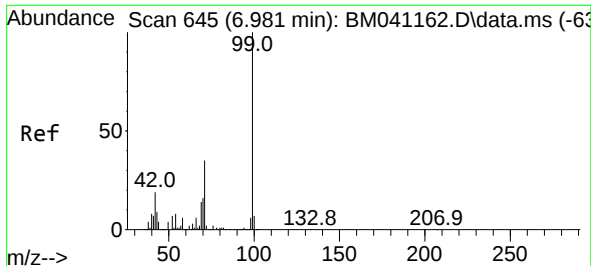
Tgt Ion:152 Resp: 157916
Ion Ratio Lower Upper
152 100
150 153.4 125.5 188.3
115 59.1 48.0 72.0



#5
2-Fluorophenol
Concen: 38.846 ng
RT: 5.369 min Scan# 371
Delta R.T. 0.006 min
Lab File: BM041187.D
Acq: 31 Jul 2023 13:43

Tgt Ion:112 Resp: 410445
Ion Ratio Lower Upper
112 100
64 58.7 48.5 72.7
63 31.6 26.5 39.7

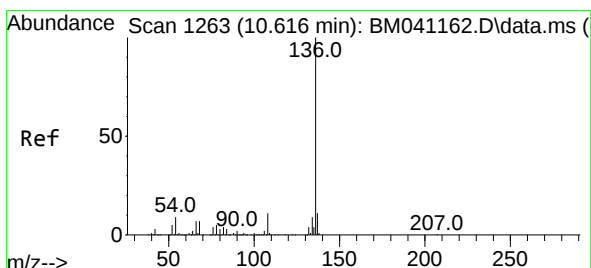
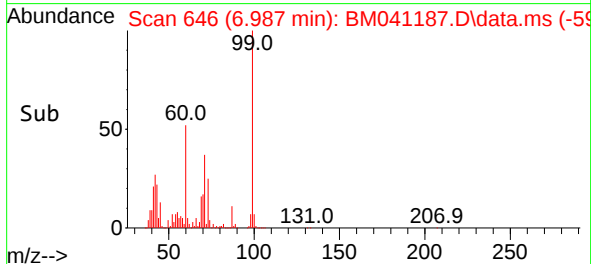
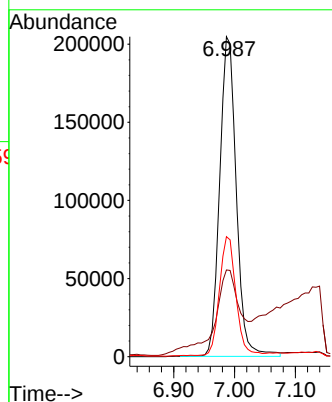
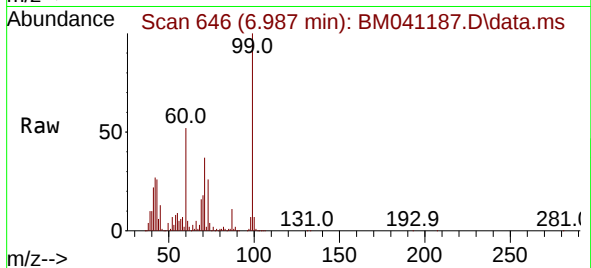




#7
Phenol-d6
Concen: 28.287 ng
RT: 6.987 min Scan# 645
Delta R.T. 0.012 min
Lab File: BM041187.D
Acq: 31 Jul 2023 13:43

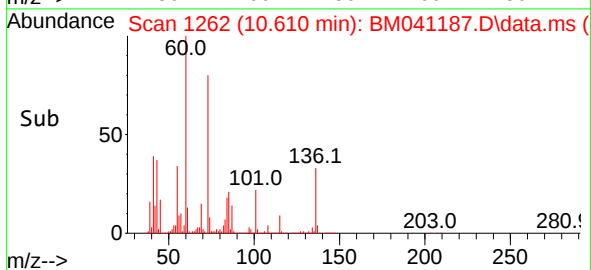
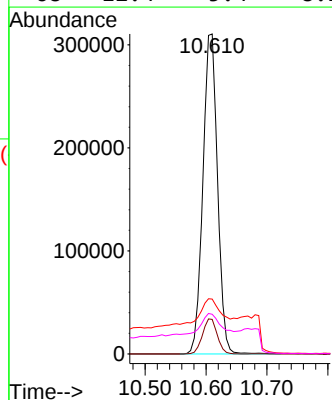
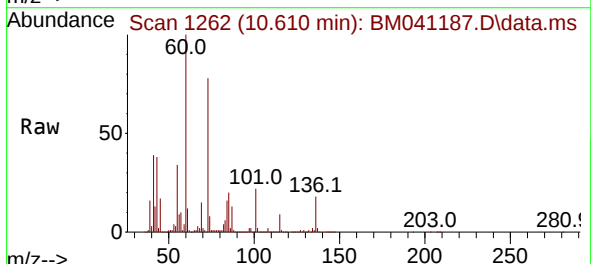
Instrument :
BNA_M
ClientSampleId :
EFF-WW

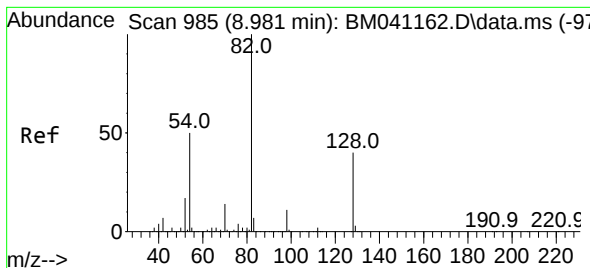
Tgt Ion: 99 Resp: 387417
Ion Ratio Lower Upper
99 100
42 27.1 15.4 23.0#
71 37.5 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BM041187.D
Acq: 31 Jul 2023 13:43

Tgt Ion: 136 Resp: 519570
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 17.1 6.9 10.3#
68 12.4 5.4 8.2#





#23

Nitrobenzene-d5

Concen: 100.302 ng

RT: 8.975 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM041187.D

Acq: 31 Jul 2023 13:43

Instrument :

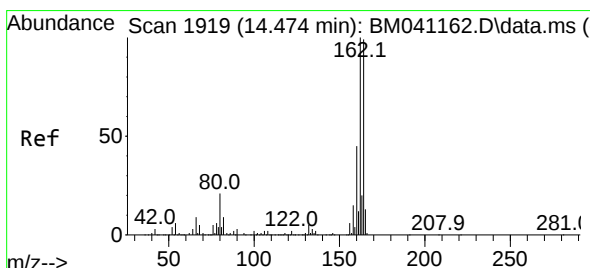
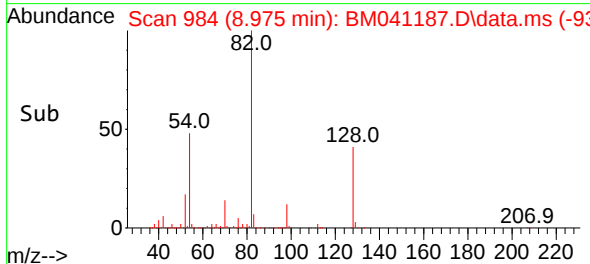
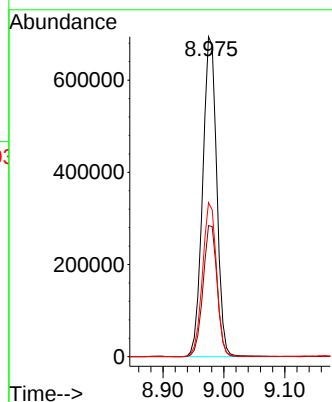
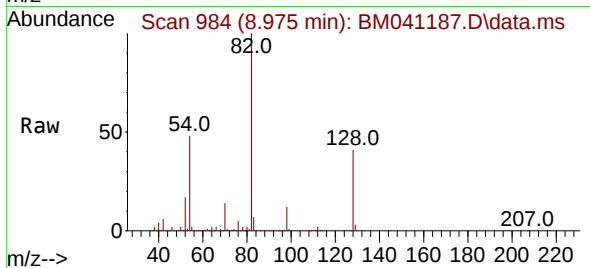
BNA_M

ClientSampleId :

EFF-WW

Tgt Ion: 82 Resp: 1120614

Ion	Ratio	Lower	Upper
82	100		
128	40.9	31.8	47.6
54	48.1	40.1	60.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.469 min Scan# 1918

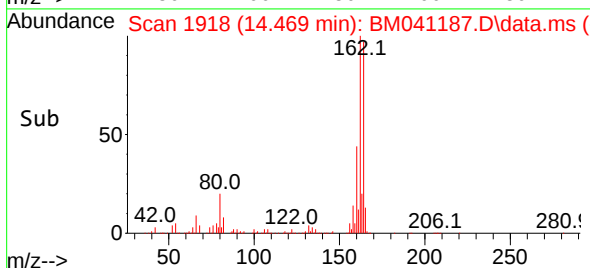
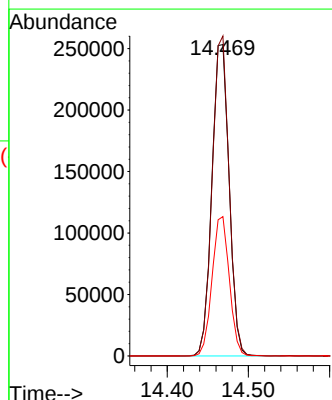
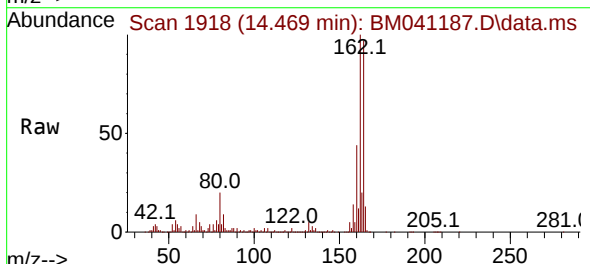
Delta R.T. 0.006 min

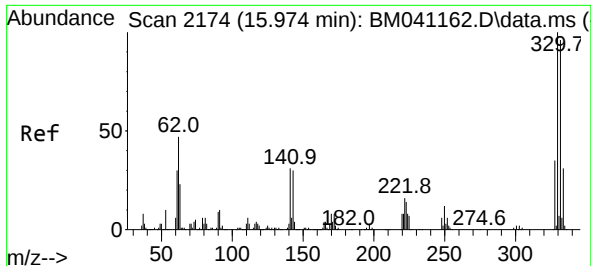
Lab File: BM041187.D

Acq: 31 Jul 2023 13:43

Tgt Ion: 164 Resp: 374096

Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.4	120.6
160	44.8	36.2	54.2

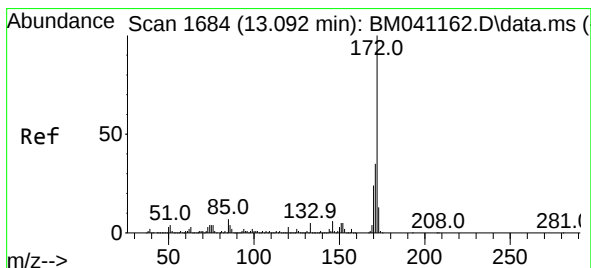
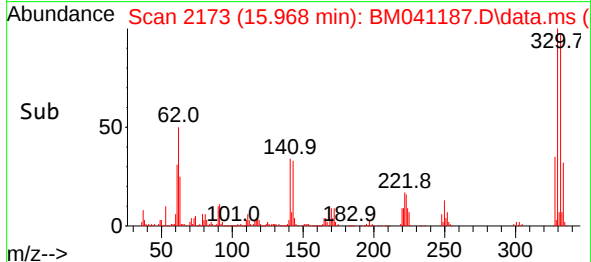
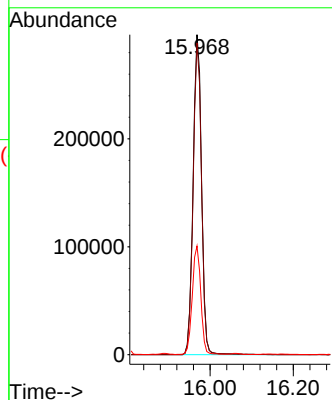
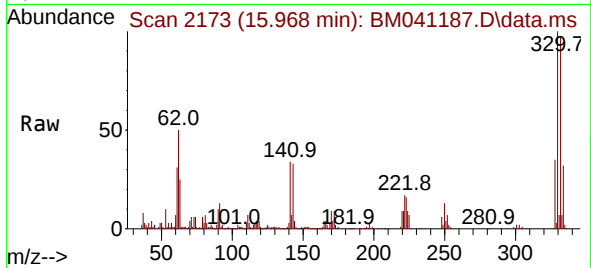




#42
2,4,6-Tribromophenol
Concen: 78.980 ng
RT: 15.968 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BM041187.D
Acq: 31 Jul 2023 13:43

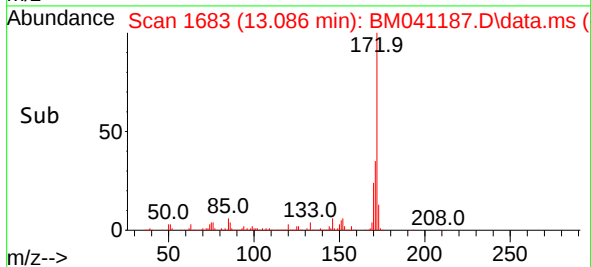
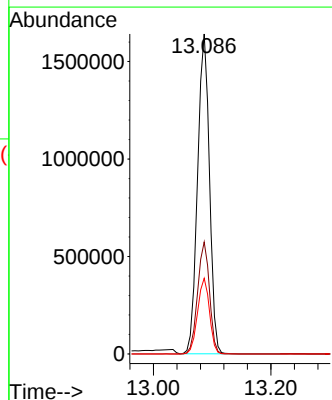
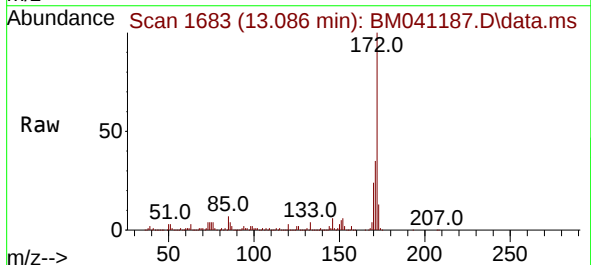
Instrument :
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ClientSampleId :
EFF-WW

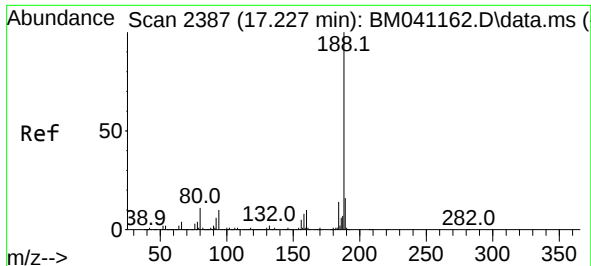
Tgt Ion:330 Resp: 417912
Ion Ratio Lower Upper
330 100
332 96.5 77.7 116.5
141 34.2 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 77.522 ng
RT: 13.086 min Scan# 1683
Delta R.T. 0.000 min
Lab File: BM041187.D
Acq: 31 Jul 2023 13:43

Tgt Ion:172 Resp: 2295719
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.7 18.9 28.3

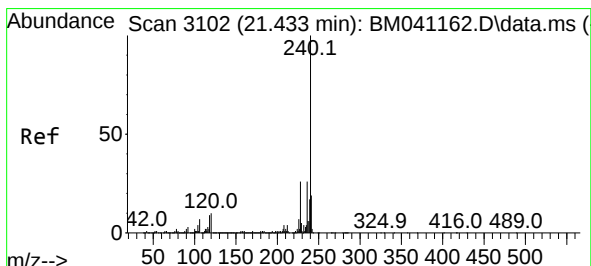
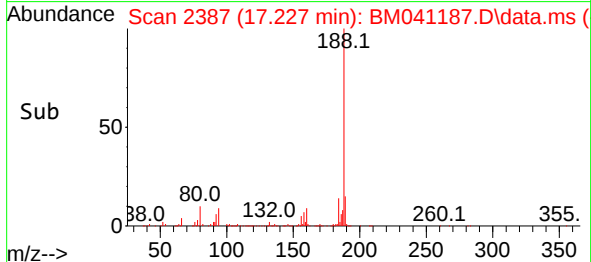
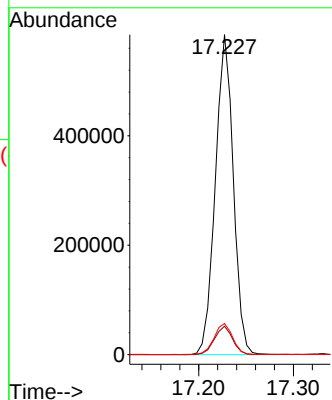
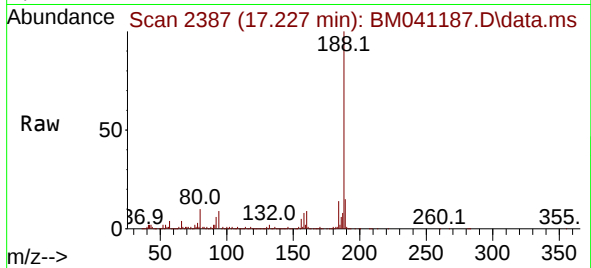




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM041187.D
Acq: 31 Jul 2023 13:43

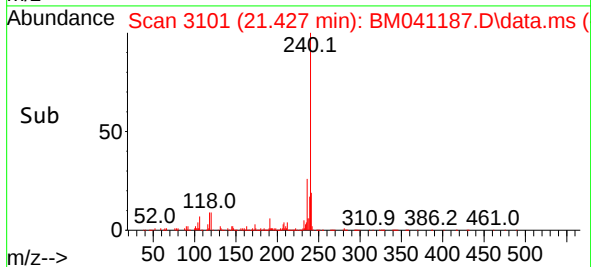
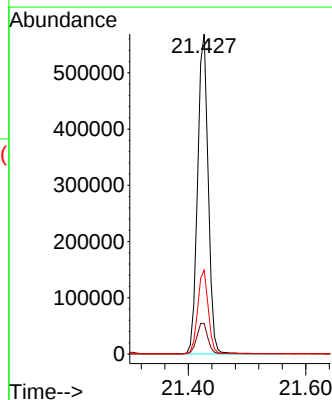
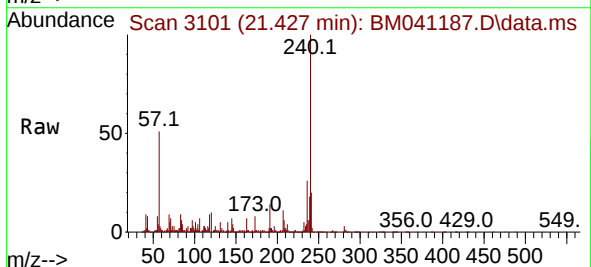
Instrument :
BNA_M
ClientSampleId :
EFF-WW

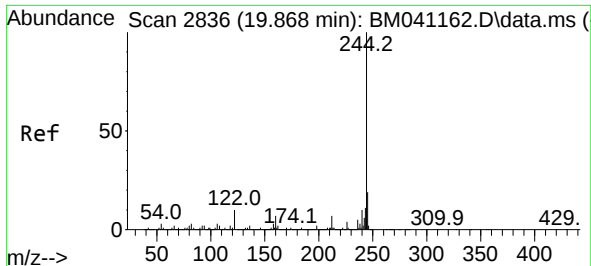
Tgt Ion:188 Resp: 769898
Ion Ratio Lower Upper
188 100
94 8.9 8.2 12.2
80 9.8 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3101
Delta R.T. 0.000 min
Lab File: BM041187.D
Acq: 31 Jul 2023 13:43

Tgt Ion:240 Resp: 711865
Ion Ratio Lower Upper
240 100
120 9.5 8.3 12.5
236 26.2 20.6 30.8

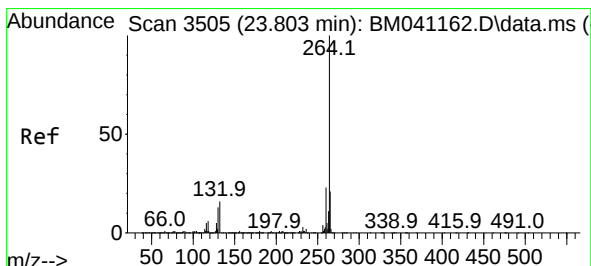
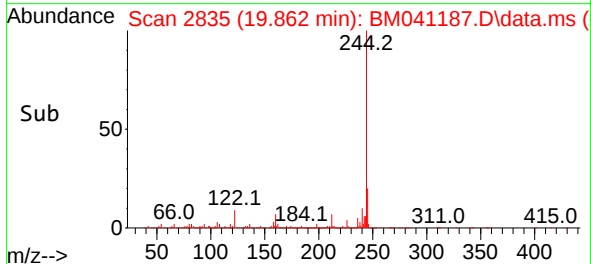
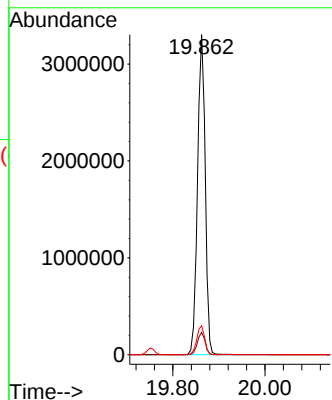
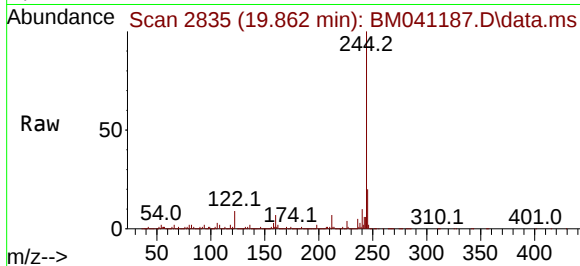




#79
 Terphenyl-d14
 Concen: 96.930 ng
 RT: 19.862 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM041187.D
 Acq: 31 Jul 2023 13:43

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

Tgt Ion:244 Resp: 3816307
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 9.1 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.791 min Scan# 3503
 Delta R.T. -0.006 min
 Lab File: BM041187.D
 Acq: 31 Jul 2023 13:43

Tgt Ion:264 Resp: 831120
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.5 27.7
 265 21.9 17.4 26.0

