

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
 Data File : BM041190.D
 Acq On : 31 Jul 2023 15:34
 Operator : MA/JU
 Sample : 03742-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-P33A

Quant Time: Jul 31 17:36:21 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)

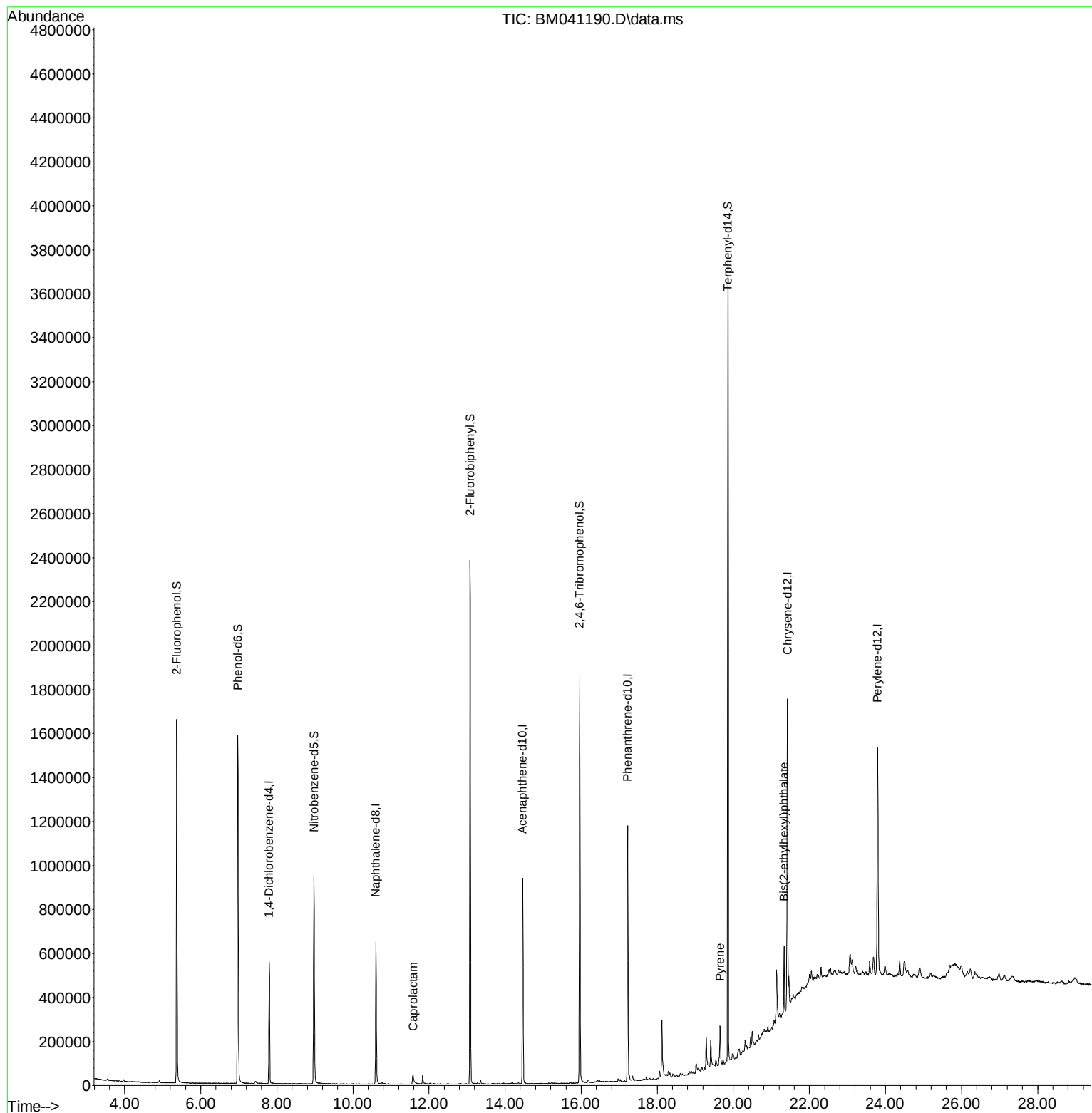
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	139716	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	540326	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	308319	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	648103	20.000	ng	0.00
76) Chrysene-d12	21.427	240	628638	20.000	ng	0.00
86) Perylene-d12	23.791	264	723005	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	662480	70.868	ng	0.00
7) Phenol-d6	6.975	99	878040	72.461	ng	0.00
23) Nitrobenzene-d5	8.975	82	536501	46.175	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	316467	72.567	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1173726	48.090	ng	0.00
79) Terphenyl-d14	19.856	244	1823976	52.460	ng	0.00
Target Compounds						
35) Caprolactam	11.580	113	11343	4.811	ng	95
78) Pyrene	19.650	202	102742	2.337	ng	100
84) Bis(2-ethylhexyl)phtha...	21.333	149	89556	5.866	ng	97

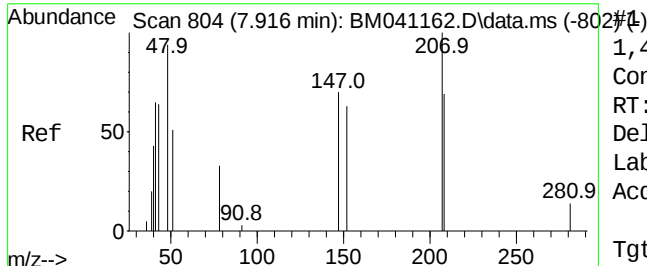
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.798 min Scan#

Delta R.T. 0.000 min

Lab File: BM041190.D

Acq: 31 Jul 2023 15:34

Instrument :

BNA_M

ClientSampleId :

B-P33A

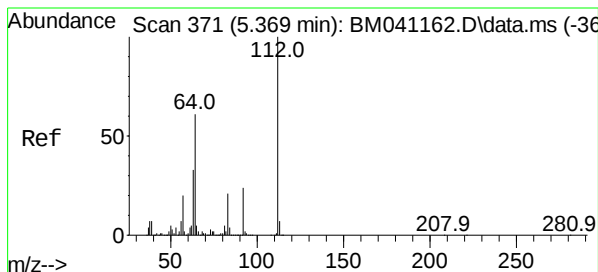
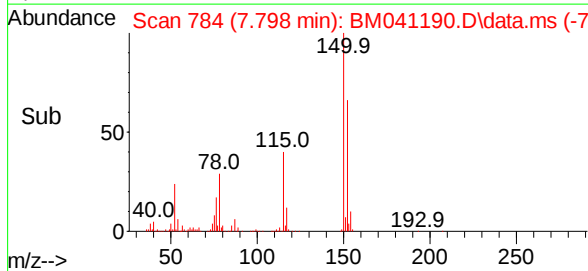
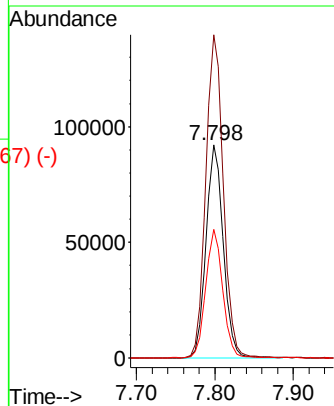
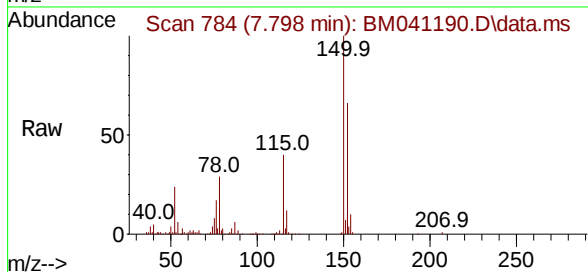
Tgt Ion:152 Resp: 139716

Ion Ratio Lower Upper

152 100

150 151.7 125.5 188.3

115 60.4 48.0 72.0



2-Fluorophenol

Concen: 70.868 ng

RT: 5.369 min Scan# 371

Delta R.T. 0.006 min

Lab File: BM041190.D

Acq: 31 Jul 2023 15:34

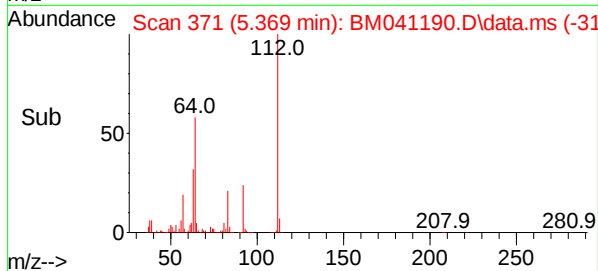
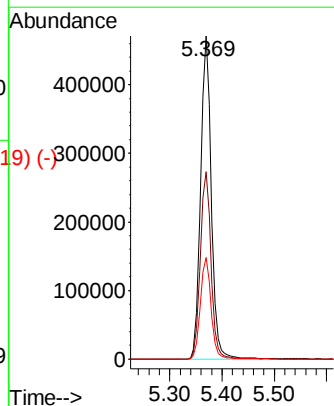
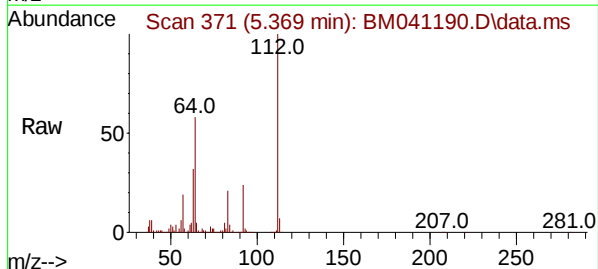
Tgt Ion:112 Resp: 662480

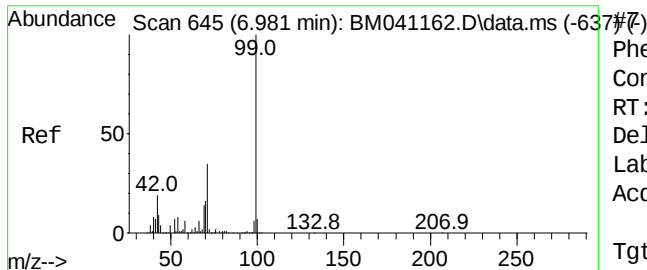
Ion Ratio Lower Upper

112 100

64 57.9 48.5 72.7

63 31.5 26.5 39.7





Phenol-d6

Concen: 72.461 ng

RT: 6.975 min Scan# 644

Delta R.T. -0.000 min

Lab File: BM041190.D

Acq: 31 Jul 2023 15:34

Instrument :

BNA_M

ClientSampleId :

B-P33A

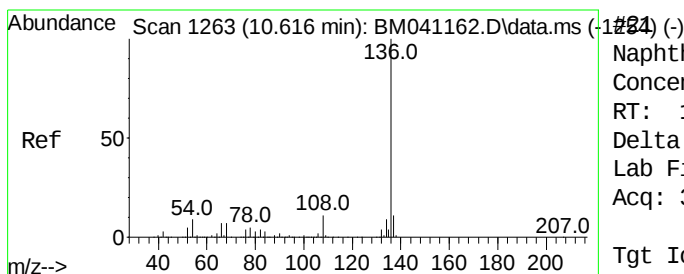
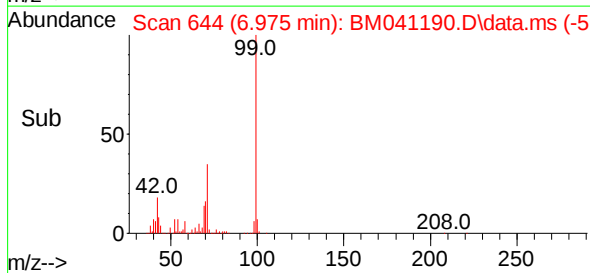
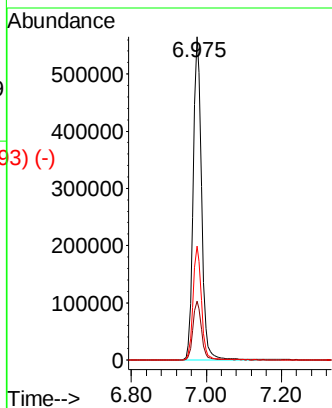
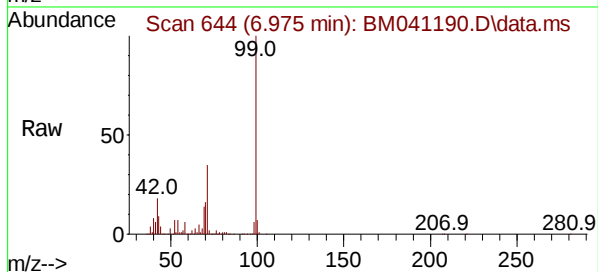
Tgt Ion: 99 Resp: 878040

Ion Ratio Lower Upper

99 100

42 18.2 15.4 23.0

71 35.3 28.2 42.4



Naphthalene-d8

Concen: 20.000 ng

RT: 10.604 min Scan# 1261

Delta R.T. -0.000 min

Lab File: BM041190.D

Acq: 31 Jul 2023 15:34

Tgt Ion: 136 Resp: 540326

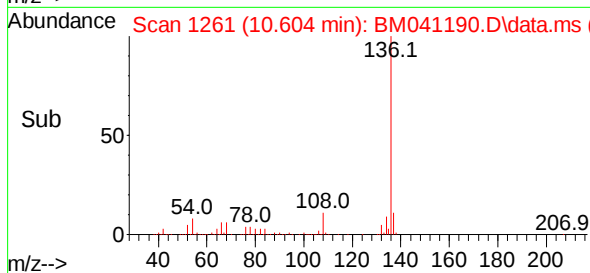
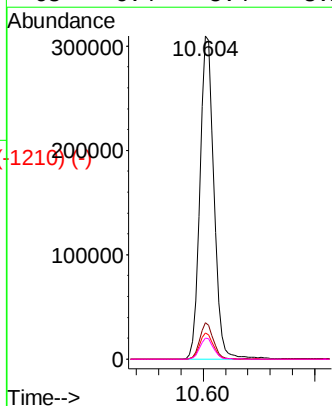
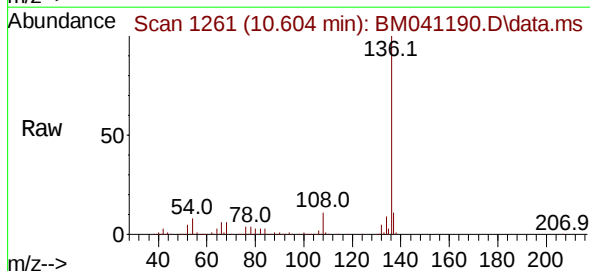
Ion Ratio Lower Upper

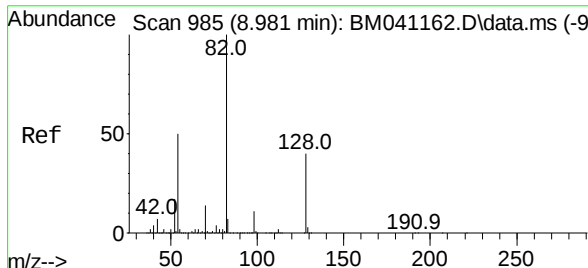
136 100

137 11.2 8.8 13.2

54 8.1 6.9 10.3

68 6.4 5.4 8.2

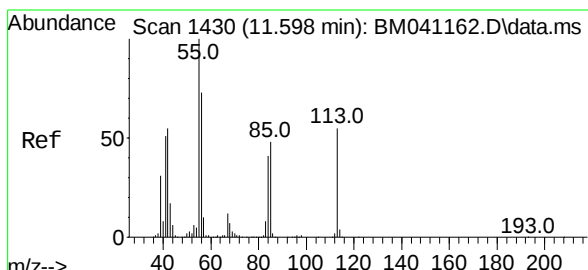
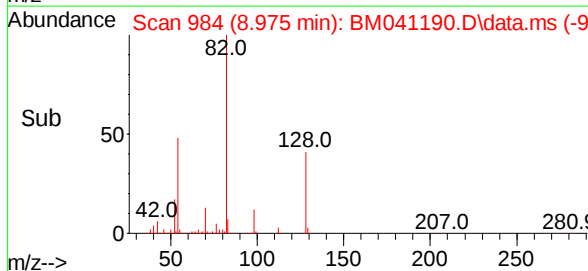
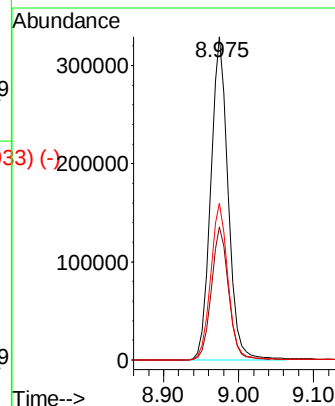
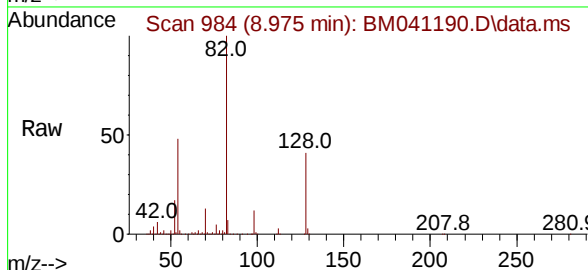




Nitrobenzene-d5
Concen: 46.175 ng
RT: 8.975 min Scan# 985
Delta R.T. -0.000 min
Lab File: BM041190.D
Acq: 31 Jul 2023 15:34

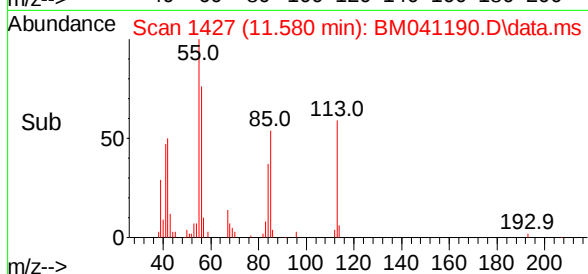
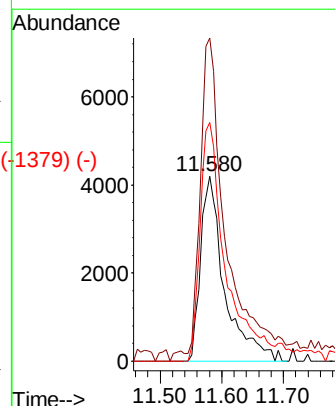
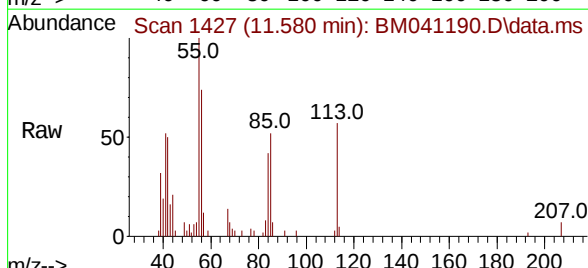
Instrument :
BNA_M
ClientSampleId :
B-P33A

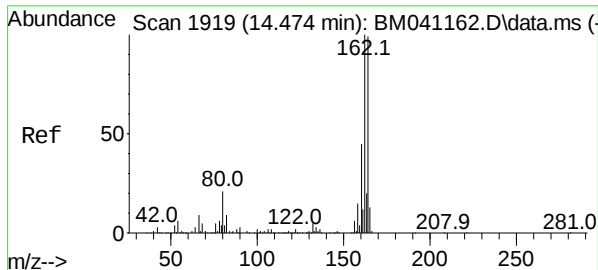
Tgt Ion:	82	Resp:	536501
Ion	Ratio	Lower	Upper
82	100		
128	41.2	31.8	47.6
54	48.4	40.1	60.1



Caprolactam
Concen: 4.811 ng
RT: 11.580 min Scan# 1427
Delta R.T. -0.018 min
Lab File: BM041190.D
Acq: 31 Jul 2023 15:34

Tgt Ion:	113	Resp:	11343
Ion	Ratio	Lower	Upper
113	100		
55	174.6	162.5	202.5
56	128.9	114.1	154.1

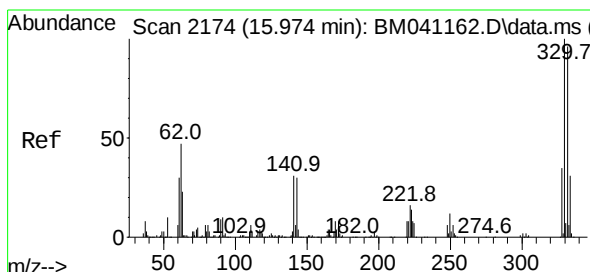
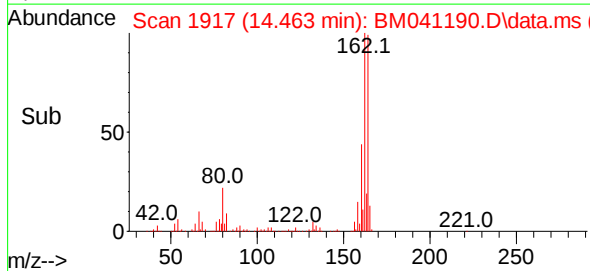
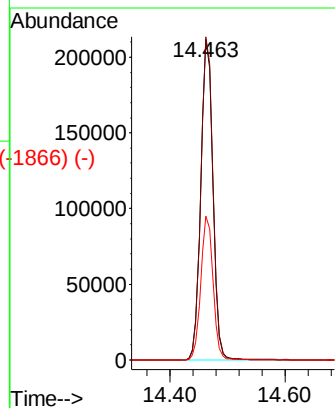
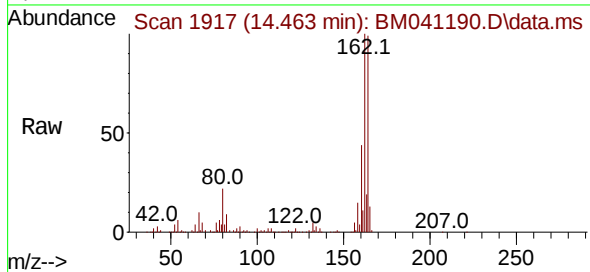




Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1919
Delta R.T. -0.000 min
Lab File: BM041190.D
Acq: 31 Jul 2023 15:34

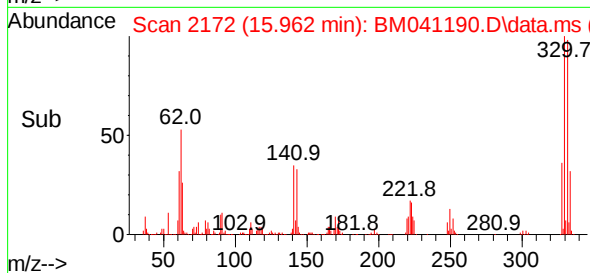
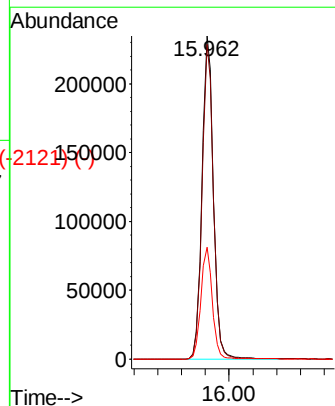
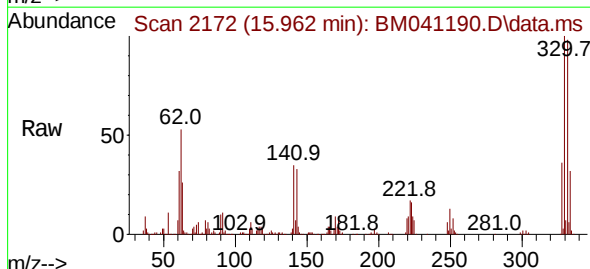
Instrument :
BNA_M
ClientSampleId :
B-P33A

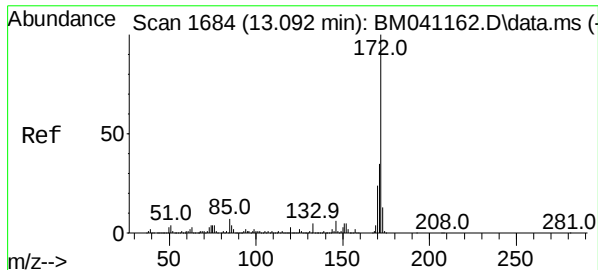
Tgt Ion:164 Resp: 308319
Ion Ratio Lower Upper
164 100
162 100.7 80.4 120.6
160 44.8 36.2 54.2



2,4,6-Tribromophenol
Concen: 72.567 ng
RT: 15.962 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BM041190.D
Acq: 31 Jul 2023 15:34

Tgt Ion:330 Resp: 316467
Ion Ratio Lower Upper
330 100
332 96.9 77.7 116.5
141 34.6 28.3 42.5

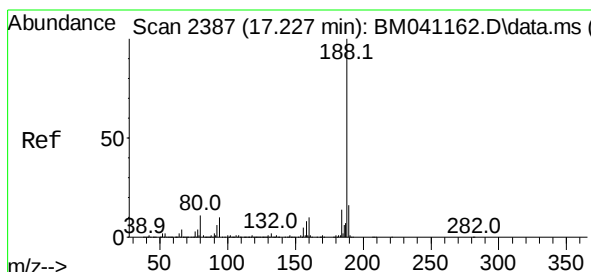
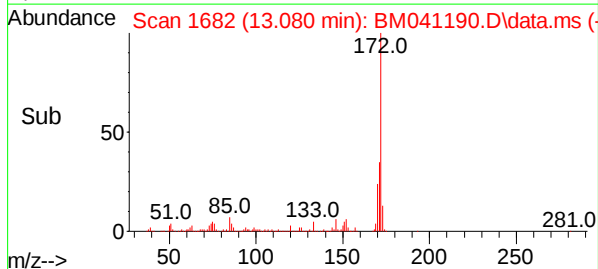
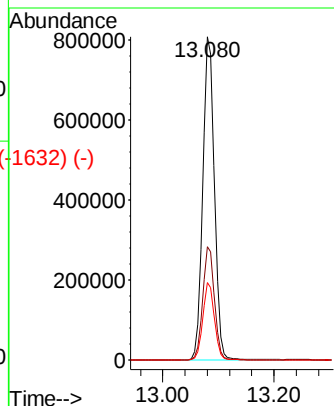
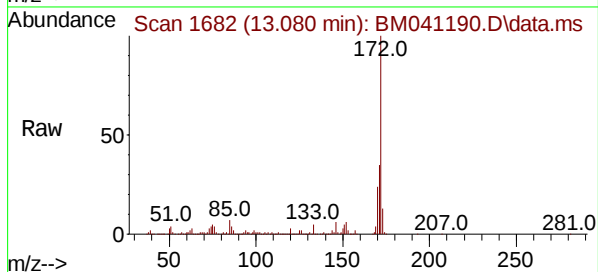




2-Fluorobiphenyl
Concen: 48.090 ng
RT: 13.080 min Scan# 1645
Delta R.T. -0.006 min
Lab File: BM041190.D
Acq: 31 Jul 2023 15:34

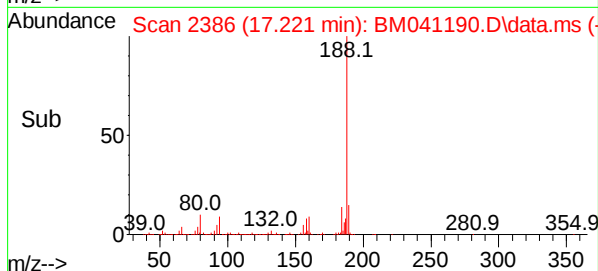
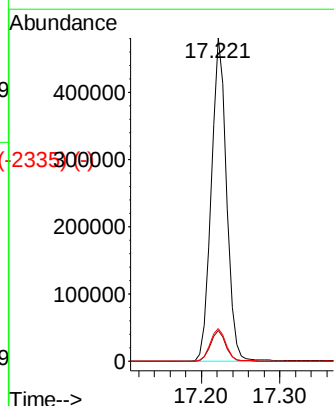
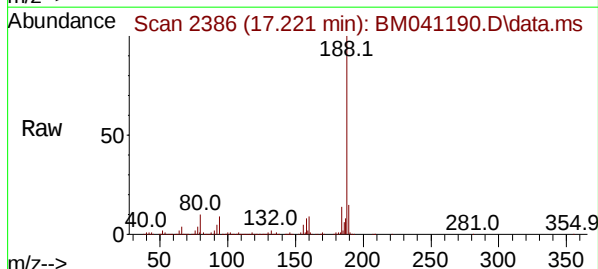
Instrument :
BNA_M
ClientSampleId :
B-P33A

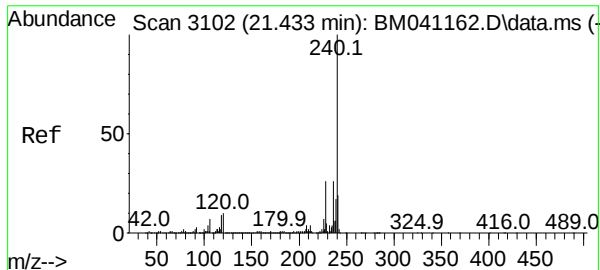
Tgt Ion:172 Resp: 1173726
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.9 18.9 28.3



Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2386
Delta R.T. -0.000 min
Lab File: BM041190.D
Acq: 31 Jul 2023 15:34

Tgt Ion:188 Resp: 648103
Ion Ratio Lower Upper
188 100
94 9.4 8.2 12.2
80 10.1 8.6 13.0

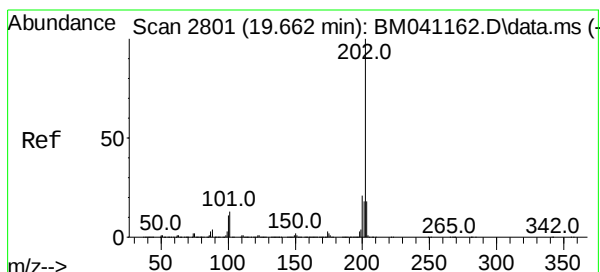
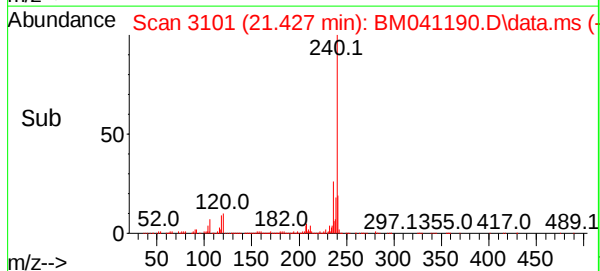
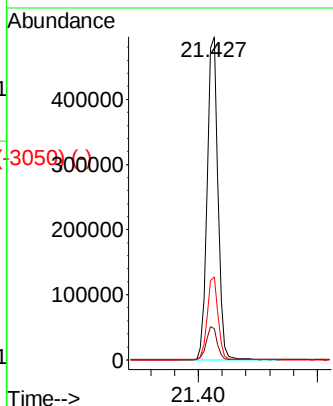
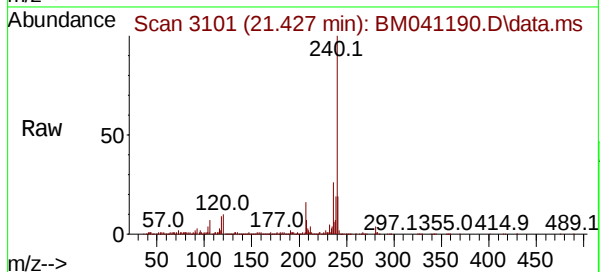




Chrysene-d12
 Concen: 20.000 ng
 RT: 21.427 min Scan# 3101
 Delta R.T. -0.000 min
 Lab File: BM041190.D
 Acq: 31 Jul 2023 15:34

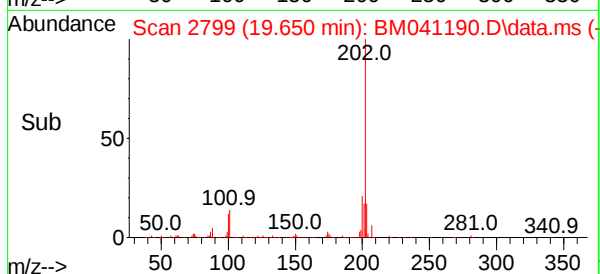
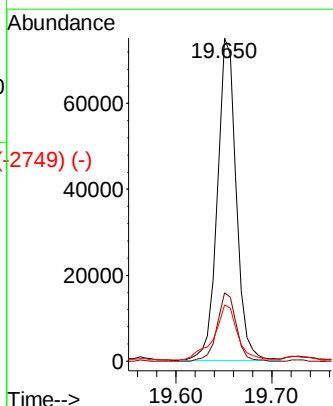
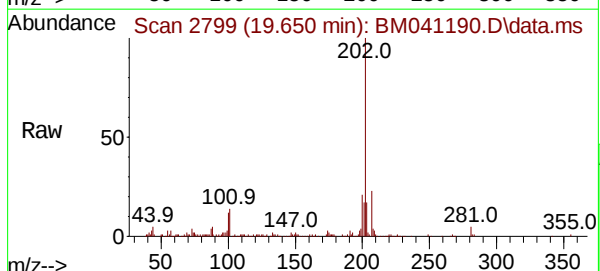
Instrument :
 BNA_M
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 B-P33A

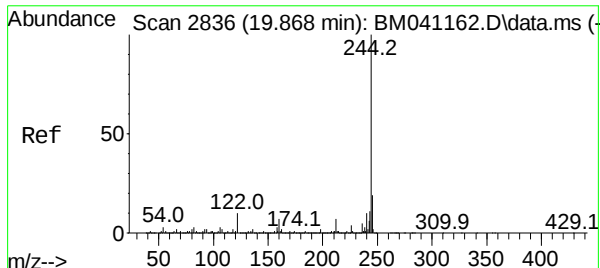
Tgt Ion:	240	Resp:	628638
Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.3	12.5
236	25.8	20.6	30.8



Pyrene
 Concen: 2.337 ng
 RT: 19.650 min Scan# 2799
 Delta R.T. -0.006 min
 Lab File: BM041190.D
 Acq: 31 Jul 2023 15:34

Tgt Ion:	202	Resp:	102742
Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.4	14.1	21.1

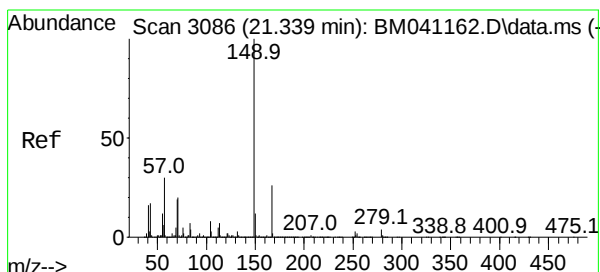
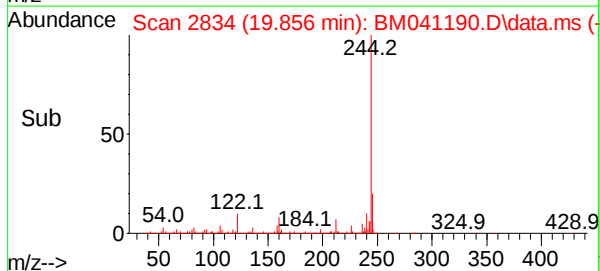
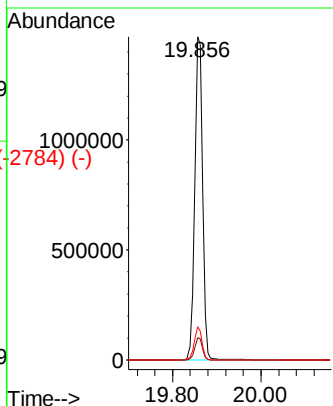
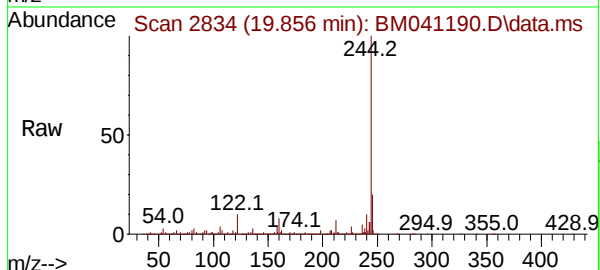




Terphenyl-d14
 Concen: 52.460 ng
 RT: 19.856 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BM041190.D
 Acq: 31 Jul 2023 15:34

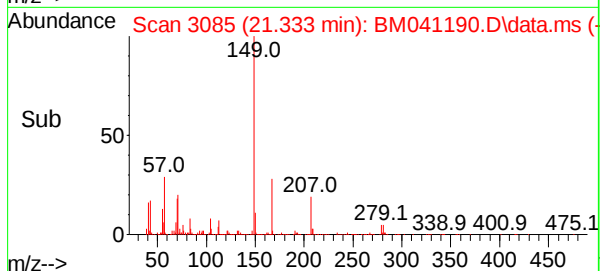
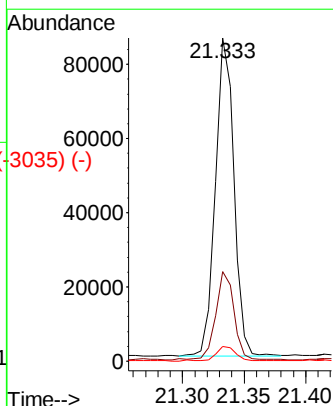
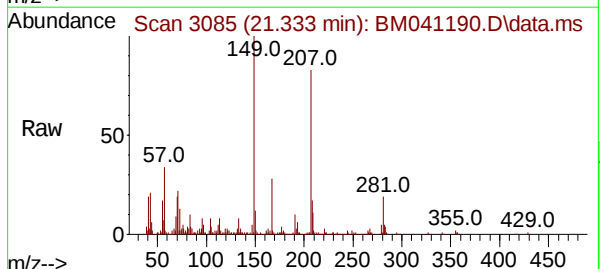
Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:244 Resp: 1823976
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 10.4 7.8 11.6

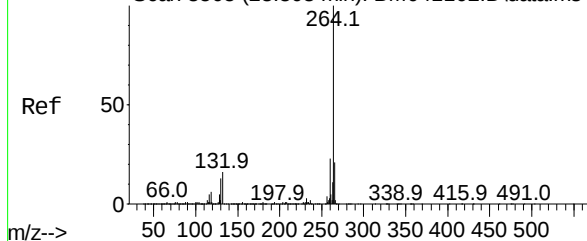


Bis(2-ethylhexyl)phthalate
 Concen: 5.866 ng
 RT: 21.333 min Scan# 3085
 Delta R.T. -0.006 min
 Lab File: BM041190.D
 Acq: 31 Jul 2023 15:34

Tgt Ion:149 Resp: 89556
 Ion Ratio Lower Upper
 149 100
 167 27.7 21.0 31.6
 279 4.5 3.1 4.7



Abundance Scan 3505 (23.803 min): BM041162.D\data.ms (-3485) (-)



Perylene-d12

Concen: 20.000 ng

RT: 23.791 min Scan#

Delta R.T. -0.006 min

Lab File: BM041190.D

Acq: 31 Jul 2023 15:34

Instrument :

BNA_M

ClientSampleId :

B-P33A

Tgt Ion:264 Resp: 723005

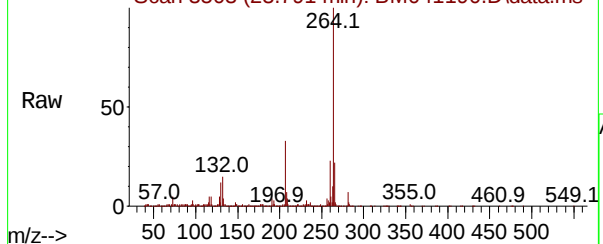
Ion Ratio Lower Upper

264 100

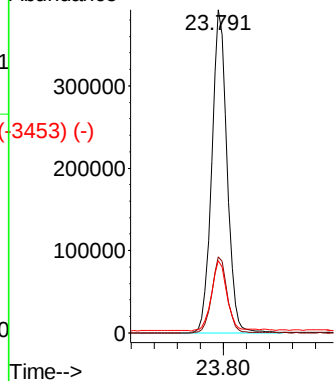
260 23.5 18.5 27.7

265 22.4 17.4 26.0

Abundance Scan 3503 (23.791 min): BM041190.D\data.ms



Abundance



Abundance Scan 3503 (23.791 min): BM041190.D\data.ms (-3453) (-)

