

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080423\
 Data File : BM041296.D
 Acq On : 04 Aug 2023 16:09
 Operator : MA/JU
 Sample : 03887-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MCLEAN-TP4

Quant Time: Aug 04 17:49:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 19:20:51 2023
 Response via : Initial Calibration

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

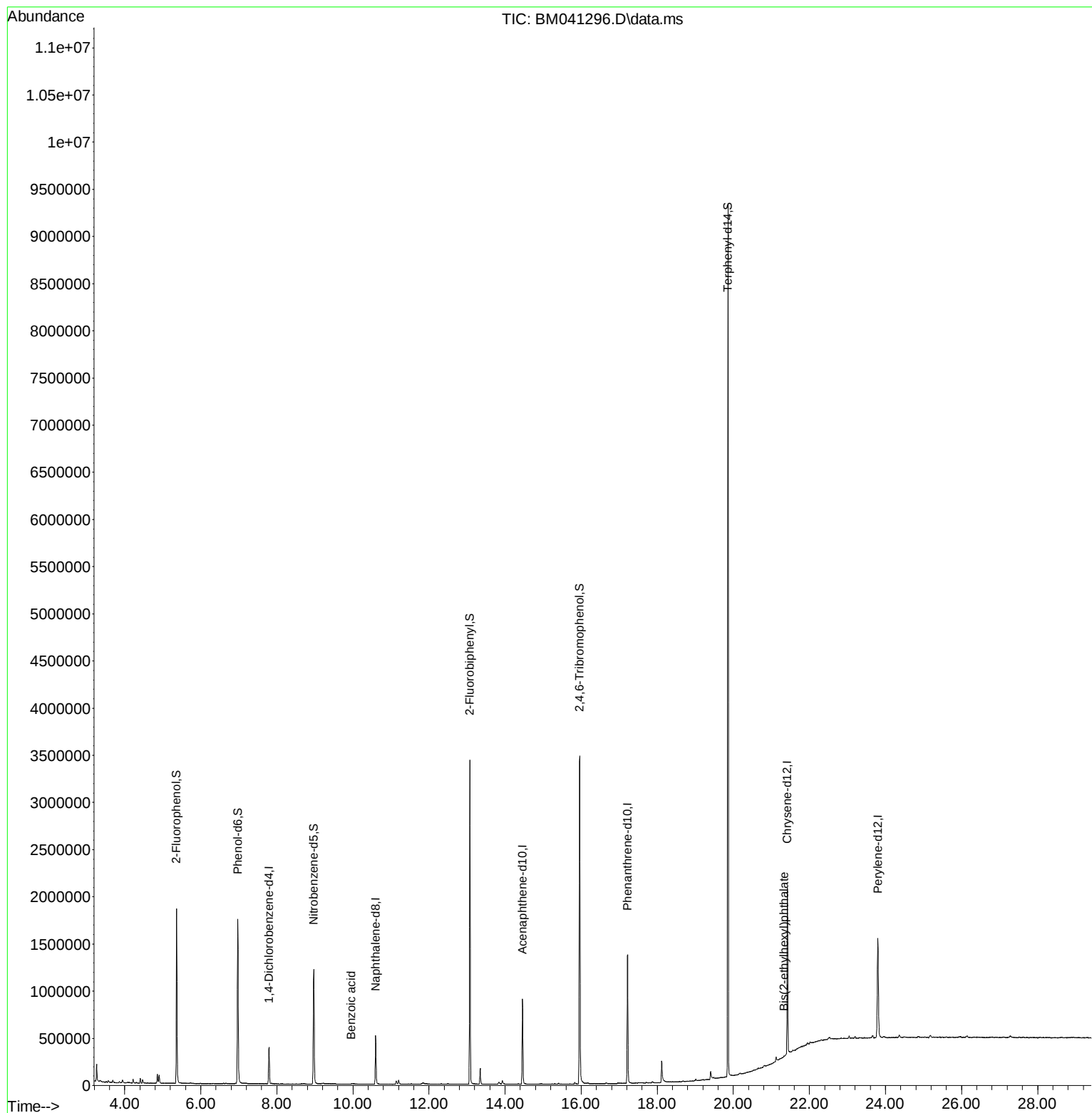
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	102399	20.000	ng	0.00
21) Naphthalene-d8	10.598	136	427073	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	300879	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	822959	20.000	ng	0.00
76) Chrysene-d12	21.421	240	849395	20.000	ng	-0.01
86) Perylene-d12	23.797	264	833944	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	786322	114.769	ng	0.00
7) Phenol-d6	6.975	99	981654	110.535	ng	0.00
23) Nitrobenzene-d5	8.969	82	716286	77.997	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	672219	157.955	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	1692200	71.047	ng	0.00
79) Terphenyl-d14	19.856	244	4387943	93.403	ng	0.00
Target Compounds						
32) Benzoic acid	9.951	122	2671	7.629	ng	# 66
84) Bis(2-ethylhexyl)phtha...	21.327	149	2601	2.611	ng	# 90

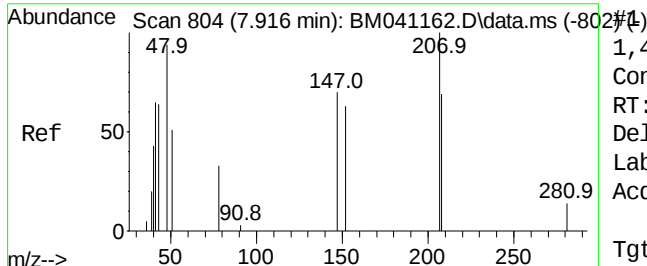
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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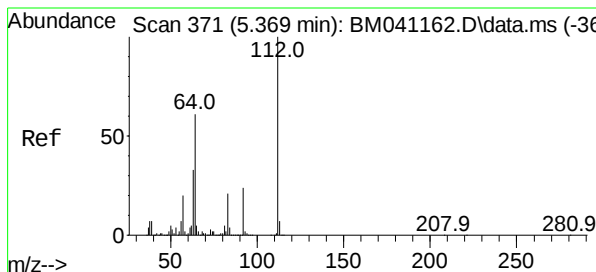
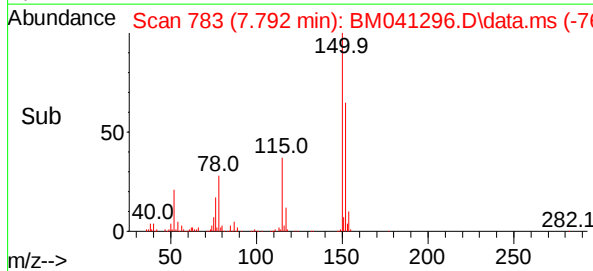
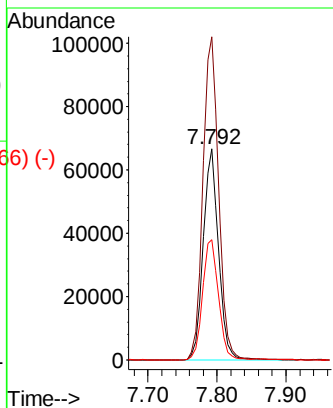
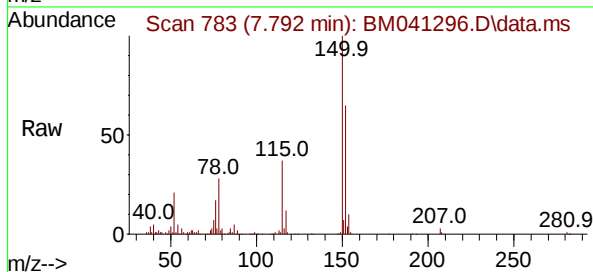




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.792 min Scan#
 Delta R.T. -0.001 min
 Lab File: BM041296.D
 Acq: 04 Aug 2023 16:09

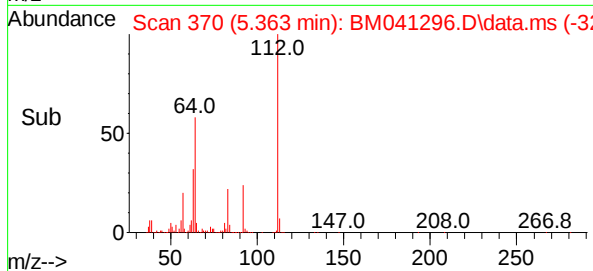
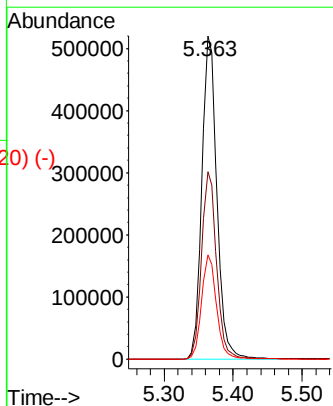
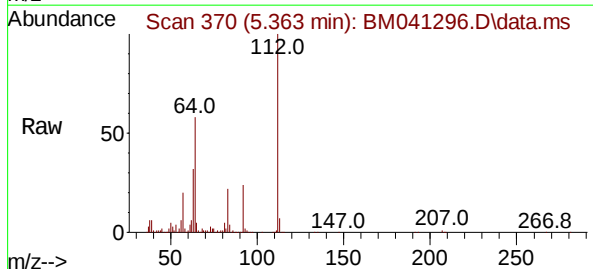
Instrument :
 BNA_M
 ClientSampleId :
 MCLEAN-TP4

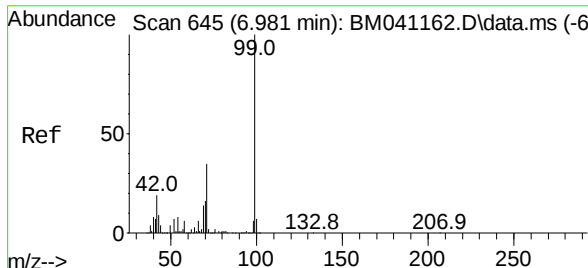
Tgt Ion:	152	Resp:	102399
Ion	Ratio	Lower	Upper
152	100		
150	153.1	125.5	188.3
115	57.0	48.0	72.0



2-Fluorophenol
 Concen: 114.769 ng
 RT: 5.363 min Scan# 370
 Delta R.T. -0.006 min
 Lab File: BM041296.D
 Acq: 04 Aug 2023 16:09

Tgt Ion:	112	Resp:	786322
Ion	Ratio	Lower	Upper
112	100		
64	58.0	48.5	72.7
63	32.3	26.5	39.7

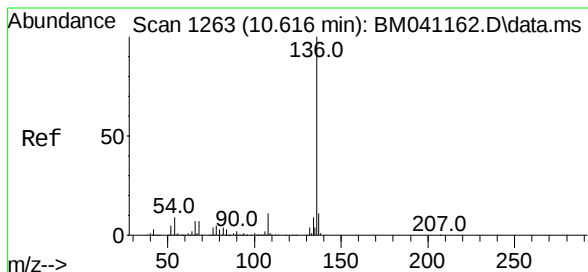
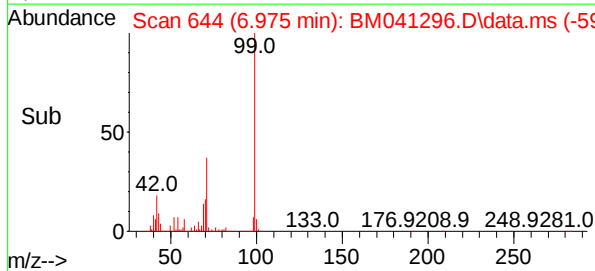
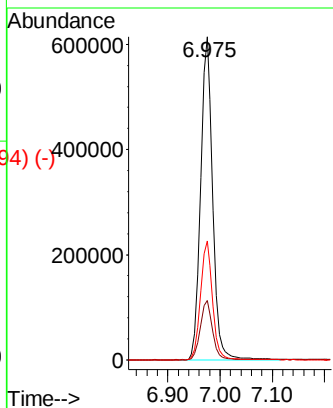
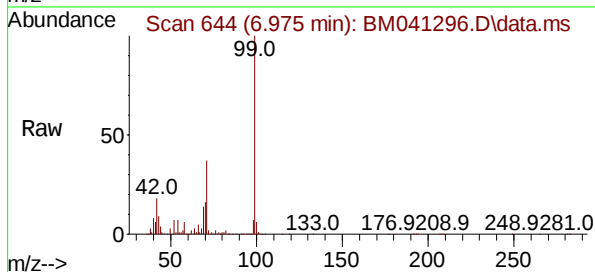




Phenol-d6
 Concen: 110.535 ng
 RT: 6.975 min Scan# 121
 Delta R.T. -0.006 min
 Lab File: BM041296.D
 Acq: 04 Aug 2023 16:09

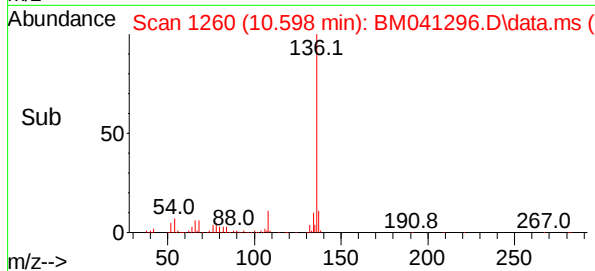
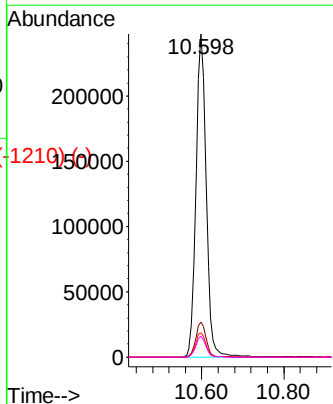
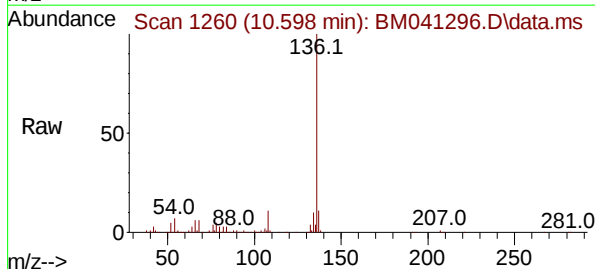
Instrument :
 BNA_M
 ClientSampleId :
 MCLEAN-TP4

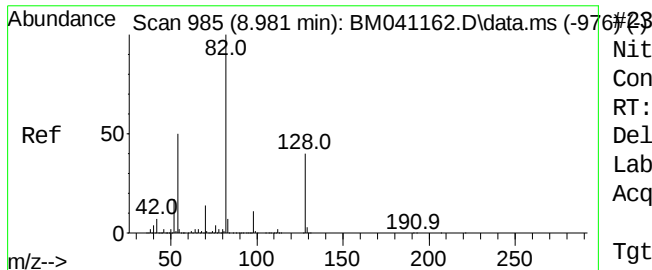
Tgt Ion:	99	Resp:	981654
Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.4	23.0
71	36.8	28.2	42.4



Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.598 min Scan# 1260
 Delta R.T. -0.006 min
 Lab File: BM041296.D
 Acq: 04 Aug 2023 16:09

Tgt Ion:	136	Resp:	427073
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.5	6.9	10.3
68	6.4	5.4	8.2

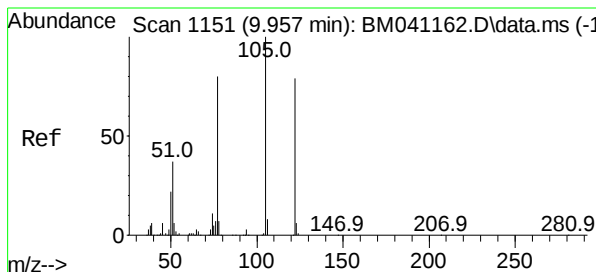
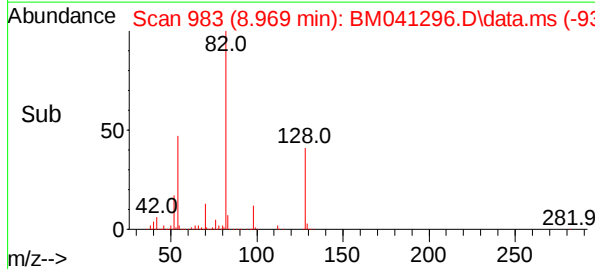
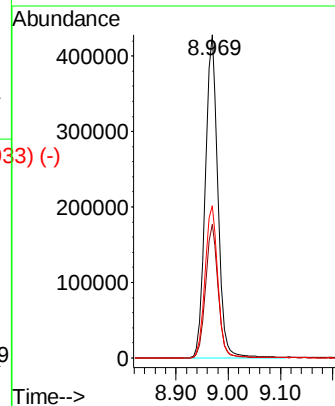
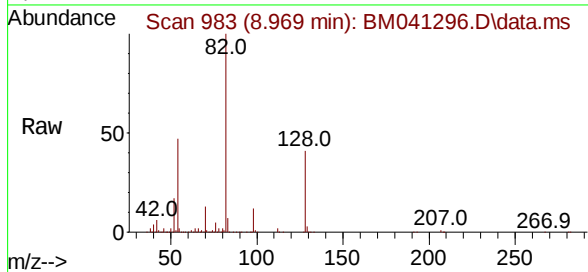




Nitrobenzene-d5
Concen: 77.997 ng
RT: 8.969 min Scan# 985
Delta R.T. -0.006 min
Lab File: BM041296.D
Acq: 04 Aug 2023 16:09

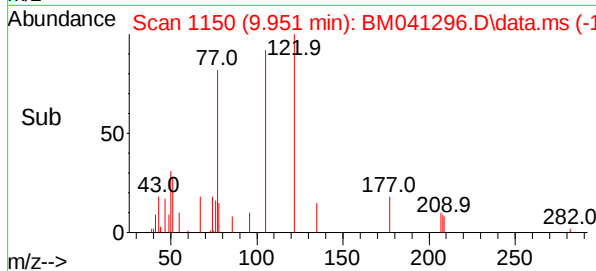
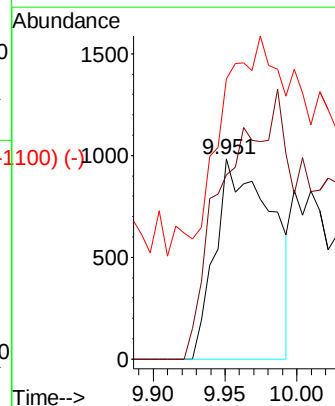
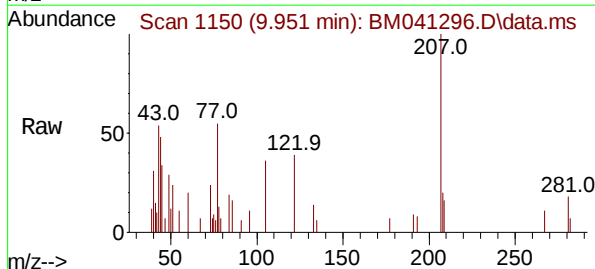
Instrument :
BNA_M
ClientSampleId :
MCLEAN-TP4

Tgt Ion: 82 Resp: 716286
Ion Ratio Lower Upper
82 100
128 41.3 31.8 47.6
54 47.2 40.1 60.1



Benzoic acid
Concen: 7.629 ng
RT: 9.951 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BM041296.D
Acq: 04 Aug 2023 16:09

Tgt Ion: 122 Resp: 2671
Ion Ratio Lower Upper
122 100
105 92.2 104.0 144.0#
77 140.3 79.9 119.9#



Abundance Scan 1919 (14.474 min): BM041162.D\data.ms (-1639) (-)

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.457 min Scan# 1919

Delta R.T. -0.006 min

Lab File: BM041296.D

Acq: 04 Aug 2023 16:09

Instrument :

BNA_M

ClientSampleId :

MCLEAN-TP4

Tgt Ion:164 Resp: 300879

Ion Ratio Lower Upper

164 100

162 98.7 80.4 120.6

160 43.7 36.2 54.2

Abundance Scan 1916 (14.457 min): BM041296.D\data.ms

Ref 50

80.0

122.0

164.1

207.0

266.9

340.9

m/z-->

Abundance Scan 1916 (14.457 min): BM041296.D\data.ms (-1866) (-)

Ref 50

80.0

122.0

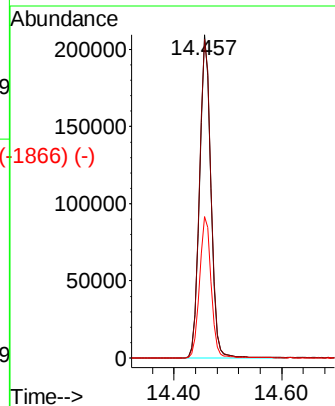
164.1

207.0

281.0

340.9

m/z-->



Abundance Scan 2174 (15.974 min): BM041162.D\data.ms (-2160) (-)

2,4,6-Tribromophenol

Concen: 157.955 ng

RT: 15.962 min Scan# 2172

Delta R.T. -0.006 min

Lab File: BM041296.D

Acq: 04 Aug 2023 16:09

Tgt Ion:330 Resp: 672219

Ion Ratio Lower Upper

330 100

332 96.2 77.7 116.5

141 32.8 28.3 42.5

Abundance Scan 2172 (15.962 min): BM041296.D\data.ms

Ref 50

62.0

140.9

221.8

276.7

329.8

m/z-->

Abundance Scan 2172 (15.962 min): BM041296.D\data.ms (-2123) (-)

Ref 50

62.0

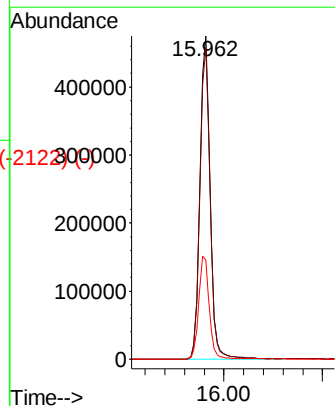
140.9

221.8

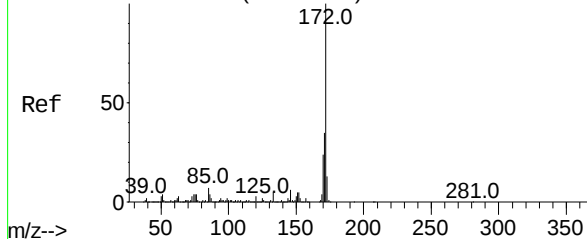
276.6

329.8

m/z-->



Abundance Scan 1684 (13.092 min): BM041162.D\data.ms (-1645) (-)

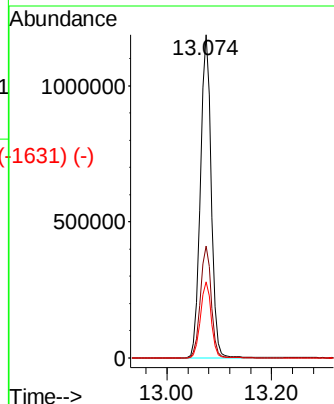
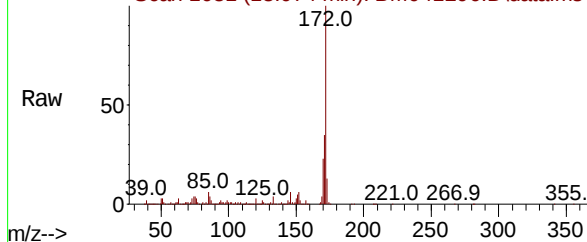


2-Fluorobiphenyl
Concen: 71.047 ng
RT: 13.074 min Scan# 1684
Delta R.T. -0.006 min
Lab File: BM041296.D
Acq: 04 Aug 2023 16:09

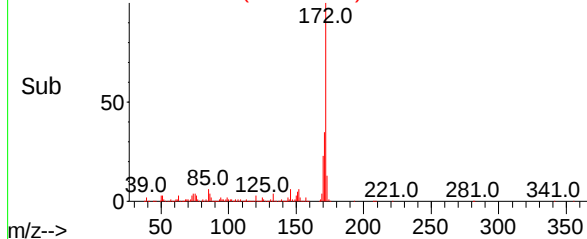
Instrument :
BNA_M
ClientSampleId :
MCLEAN-TP4

Tgt Ion:172 Resp: 1692200
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.5 18.9 28.3

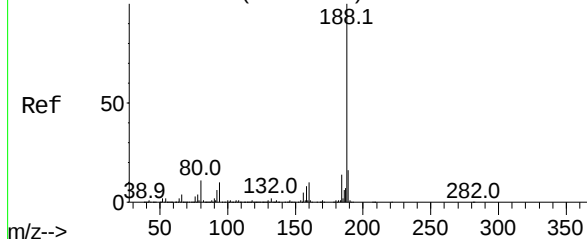
Abundance Scan 1681 (13.074 min): BM041296.D\data.ms



Abundance Scan 1681 (13.074 min): BM041296.D\data.ms (-1631) (-)



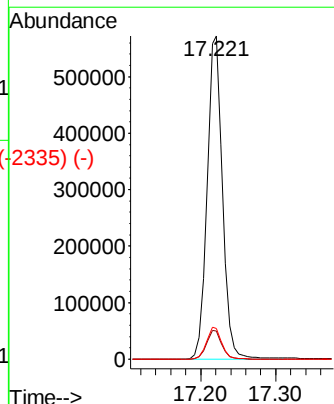
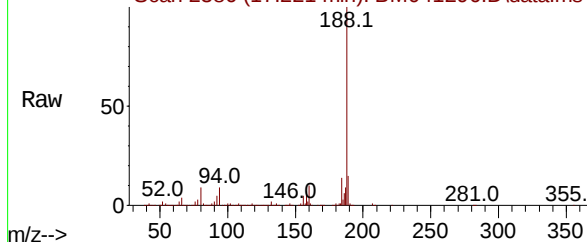
Abundance Scan 2387 (17.227 min): BM041162.D\data.ms (-2360) (-)



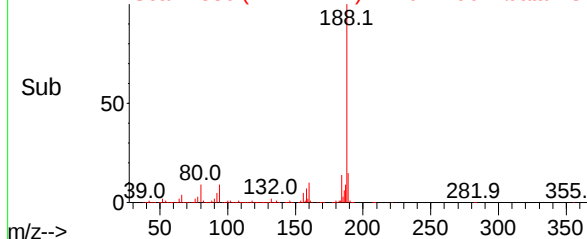
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2386
Delta R.T. -0.000 min
Lab File: BM041296.D
Acq: 04 Aug 2023 16:09

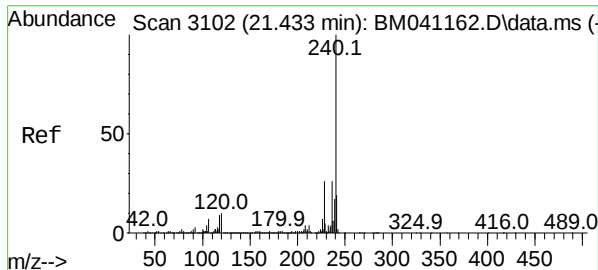
Tgt Ion:188 Resp: 822959
Ion Ratio Lower Upper
188 100
94 8.7 8.2 12.2
80 9.5 8.6 13.0

Abundance Scan 2386 (17.221 min): BM041296.D\data.ms



Abundance Scan 2386 (17.221 min): BM041296.D\data.ms (-2335) (-)

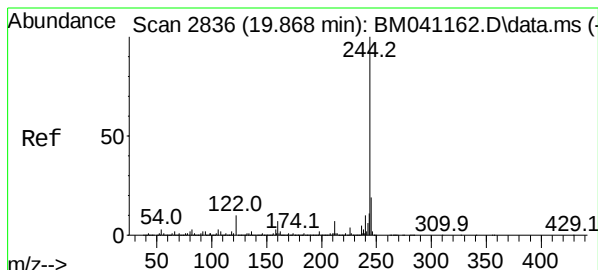
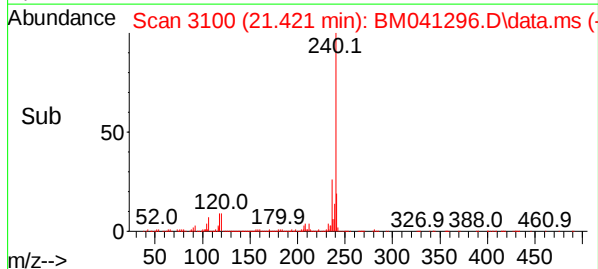
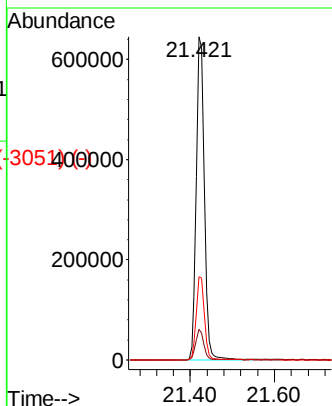
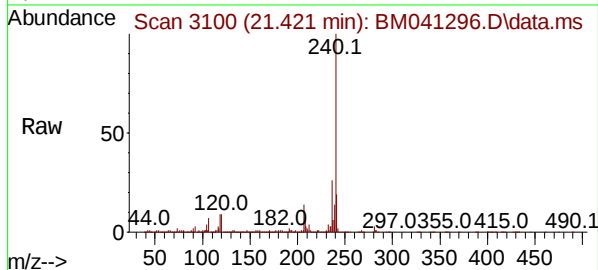




Chrysene-d12
 Concen: 20.000 ng
 RT: 21.421 min Scan# 3102
 Delta R.T. -0.012 min
 Lab File: BM041296.D
 Acq: 04 Aug 2023 16:09

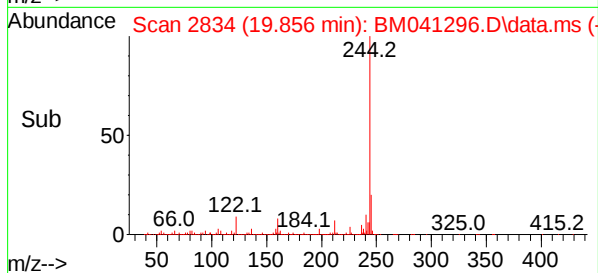
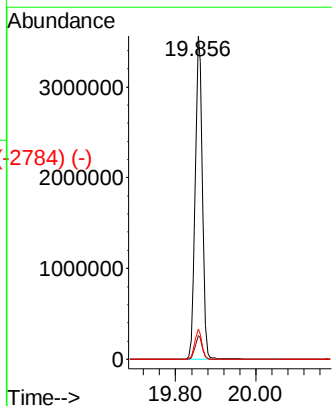
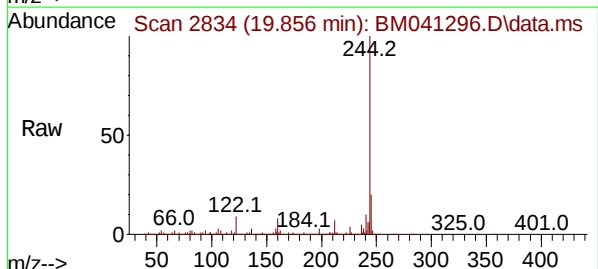
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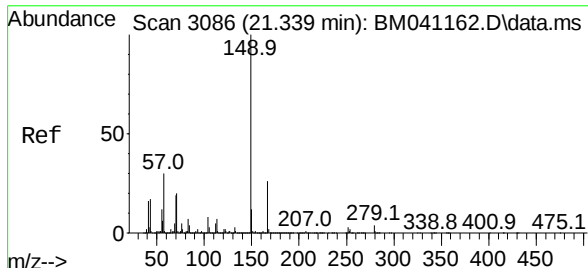
Tgt Ion:	240	Resp:	849395
Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.3	12.5
236	25.8	20.6	30.8



Terphenyl-d14
 Concen: 93.403 ng
 RT: 19.856 min Scan# 2834
 Delta R.T. -0.006 min
 Lab File: BM041296.D
 Acq: 04 Aug 2023 16:09

Tgt Ion:	244	Resp:	4387943
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.2
122	9.3	7.8	11.6

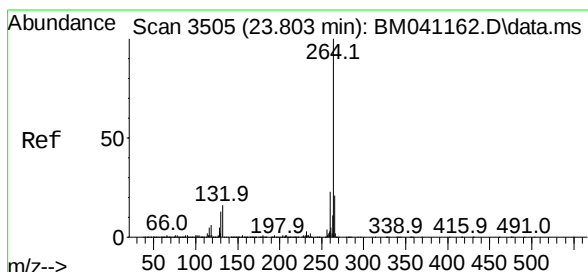
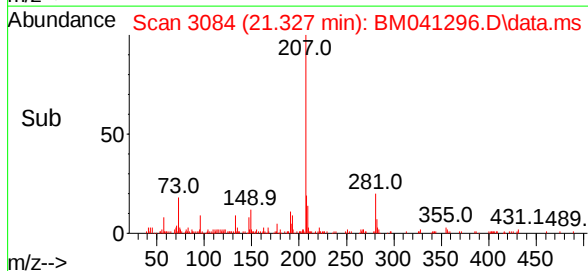
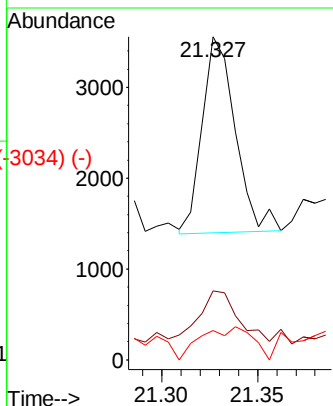
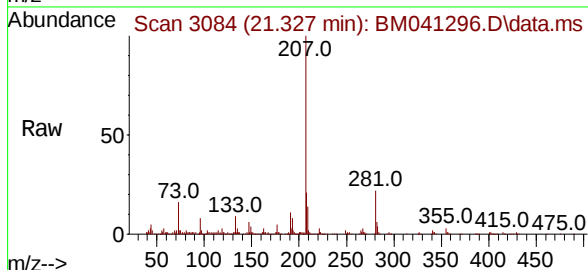




Bis(2-ethylhexyl)phthalate
 Concen: 2.611 ng
 RT: 21.327 min Scan# 3084
 Delta R.T. -0.006 min
 Lab File: BM041296.D
 Acq: 04 Aug 2023 16:09

Instrument :
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Tgt Ion:	149	Resp:	2601
Ion	Ratio	Lower	Upper
149	100		
167	21.4	21.0	31.6
279	9.2	3.1	4.7#



Perylene-d12
 Concen: 20.000 ng
 RT: 23.797 min Scan# 3504
 Delta R.T. -0.006 min
 Lab File: BM041296.D
 Acq: 04 Aug 2023 16:09

Tgt Ion:	264	Resp:	833944
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	21.8	17.4	26.0

