

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
 Data File : BM033505.D
 Acq On : 17 Dec 2021 14:21
 Operator : CG/JU
 Sample : M5064-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 18 04:51:03 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 17:10:15 2021
 Response via : Initial Calibration

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

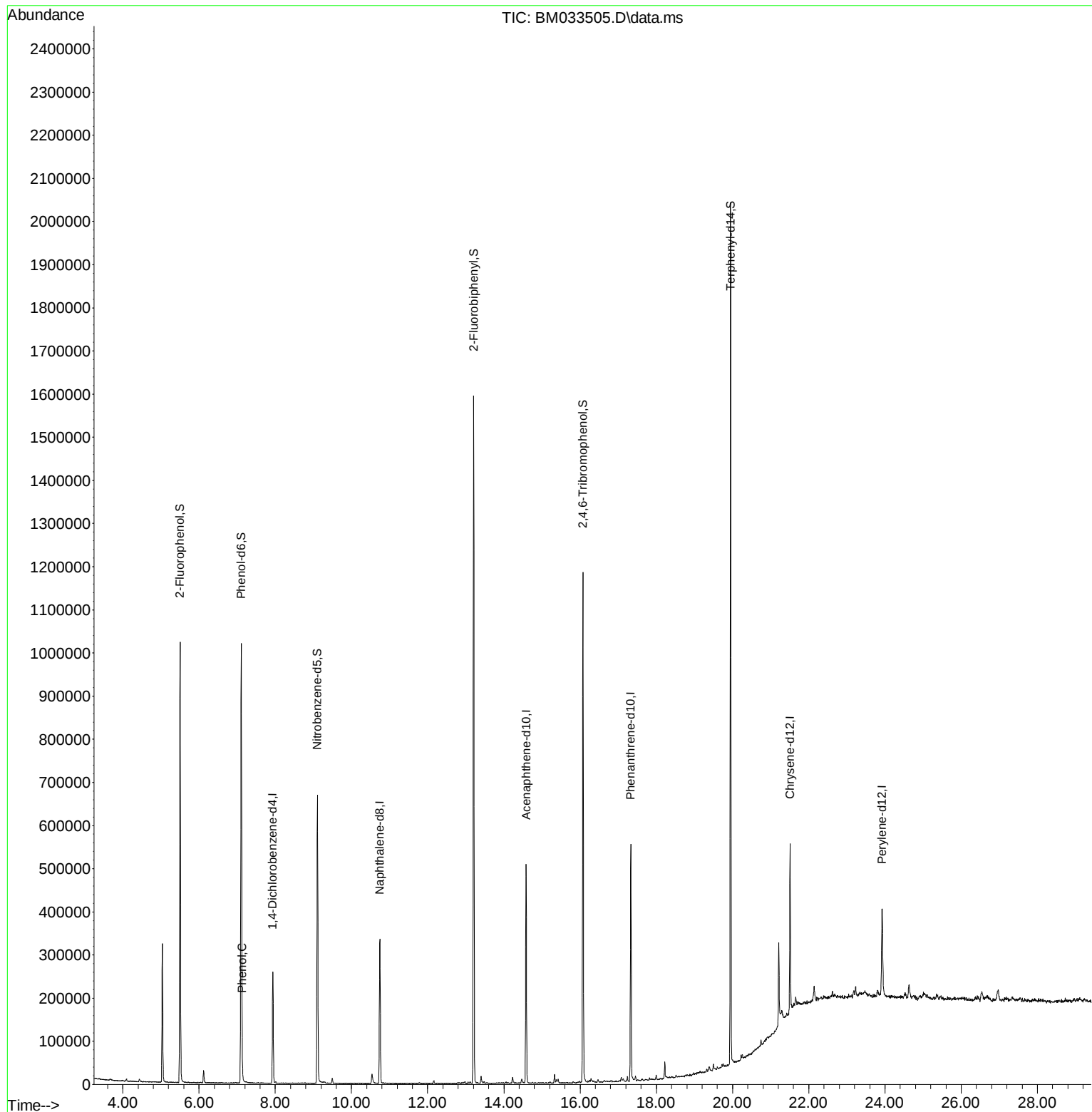
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	60480	20.000	ng	-0.01
21) Naphthalene-d8	10.748	136	251088	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	165402	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	315728	20.000	ng	0.00
76) Chrysene-d12	21.506	240	175313	20.000	ng	0.00
86) Perylene-d12	23.924	264	156446	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	342941	97.844	ng	0.00
7) Phenol-d6	7.107	99	464813	98.819	ng	0.00
23) Nitrobenzene-d5	9.107	82	360844	61.707	ng	0.00
42) 2,4,6-Tribromophenol	16.071	330	155531	83.592	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	732556	61.266	ng	0.00
79) Terphenyl-d14	19.948	244	819669	73.607	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.378	88	674	Below Cal	#	35
9) Benzaldehyde	7.107	77	1405	Below Cal	#	7
10) Phenol	7.131	94	11729	2.468 ng	#	72

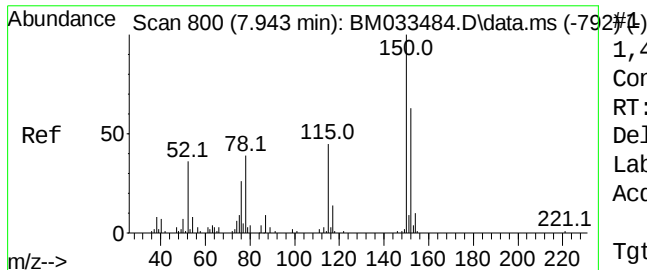
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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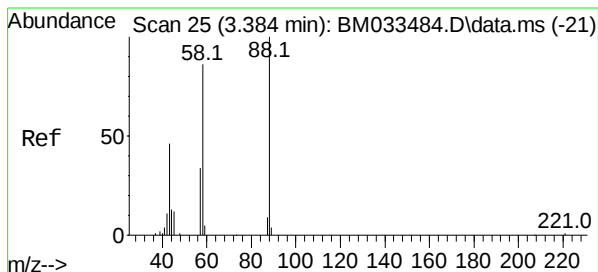
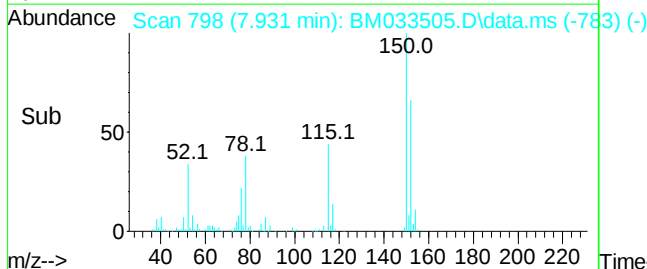
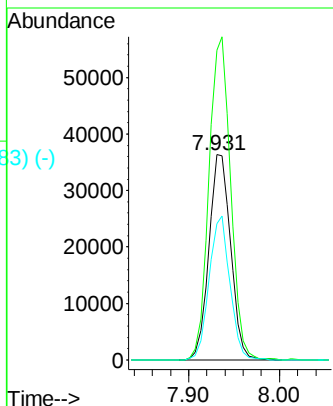
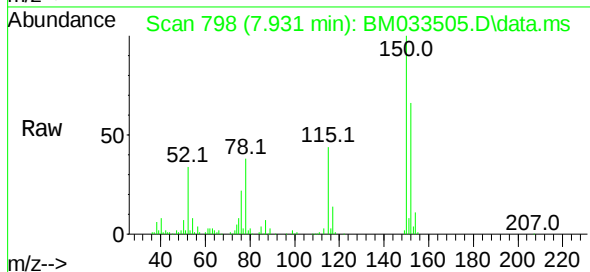




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.931 min Scan#
 Delta R.T. -0.012 min
 Lab File: BM033505.D
 Acq: 17 Dec 2021 14:21

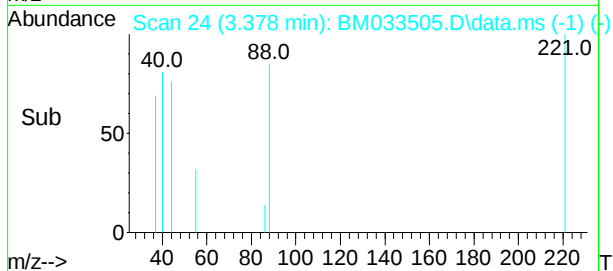
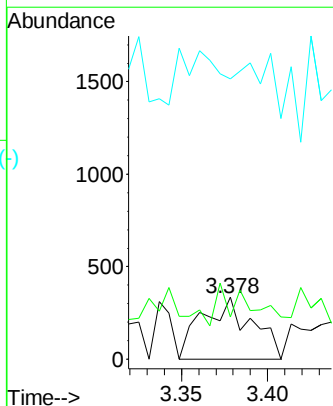
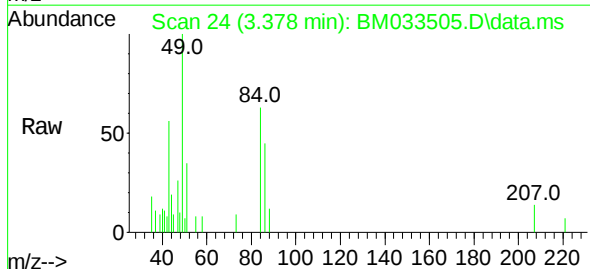
Instrument :
 BNA_M
 ClientSampleId :

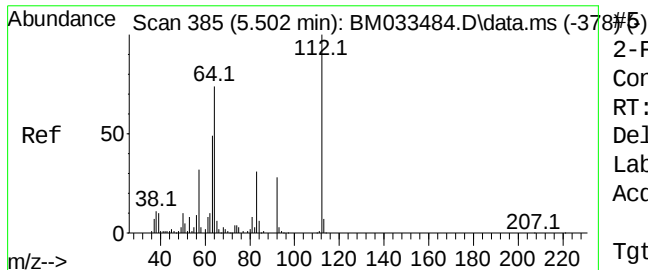
Tgt Ion:152 Resp: 60480
 Ion Ratio Lower Upper
 152 100
 150 150.8 128.9 193.3
 115 66.5 53.0 79.6



1,4-Dioxane
 Concen: Below Cal
 RT: 3.378 min Scan# 24
 Delta R.T. -0.006 min
 Lab File: BM033505.D
 Acq: 17 Dec 2021 14:21

Tgt Ion: 88 Resp: 674
 Ion Ratio Lower Upper
 88 100
 58 24.8 67.0 100.4#
 43 0.0 31.6 47.4#





2-Fluorophenol

Concen: 97.844 ng

RT: 5.502 min Scan#

Delta R.T. -0.000 min

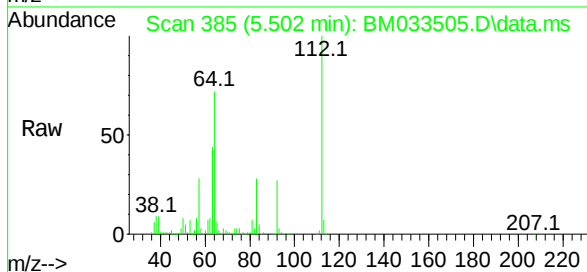
Lab File: BM033505.D

Acq: 17 Dec 2021 14:21

Instrument :

BNA_M

ClientSampleId :



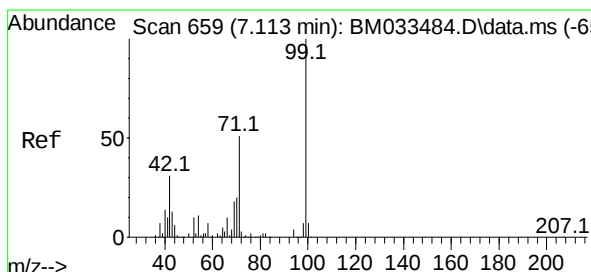
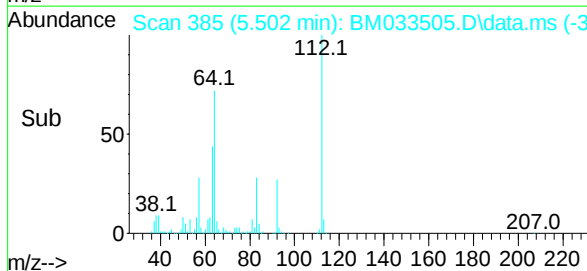
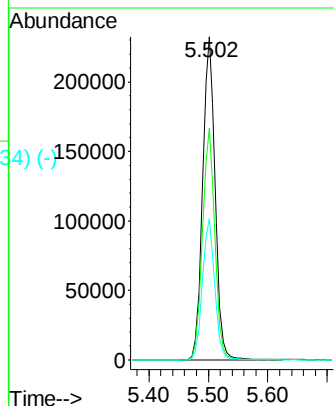
Tgt Ion:112 Resp: 342941

Ion Ratio Lower Upper

112 100

64 71.7 55.5 83.3

63 43.7 31.3 46.9



Phenol-d6

Concen: 98.819 ng

RT: 7.107 min Scan# 658

Delta R.T. -0.006 min

Lab File: BM033505.D

Acq: 17 Dec 2021 14:21

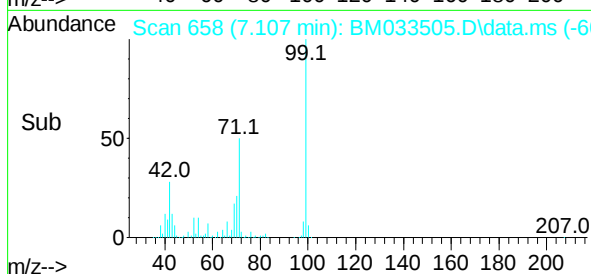
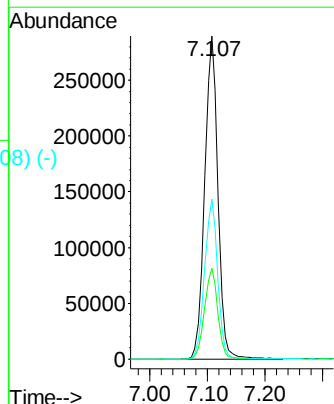
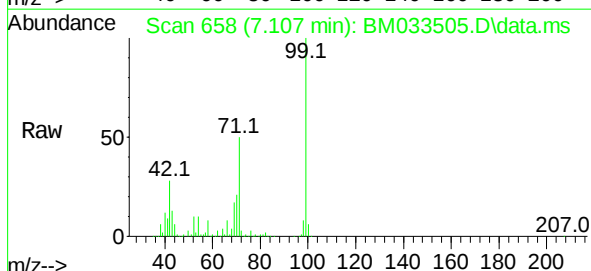
Tgt Ion: 99 Resp: 464813

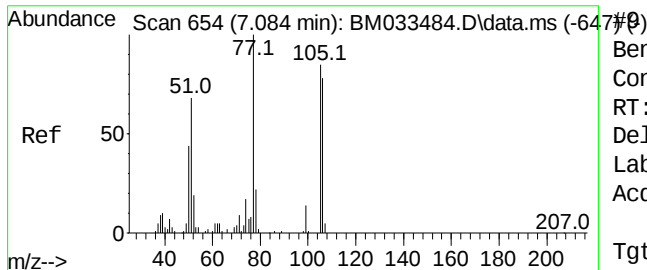
Ion Ratio Lower Upper

99 100

42 28.2 20.3 30.5

71 49.5 34.5 51.7





Benzaldehyde

Concen: Below Cal

RT: 7.107 min Scan#

Delta R.T. 0.023 min

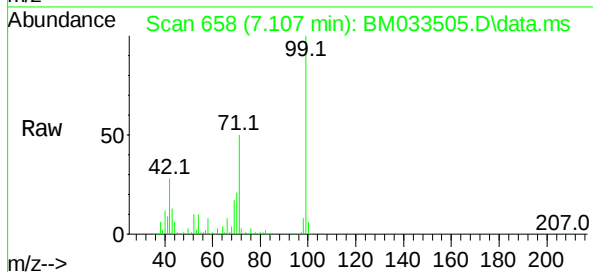
Lab File: BM033505.D

Acq: 17 Dec 2021 14:21

Instrument :

BNA_M

ClientSampleId :



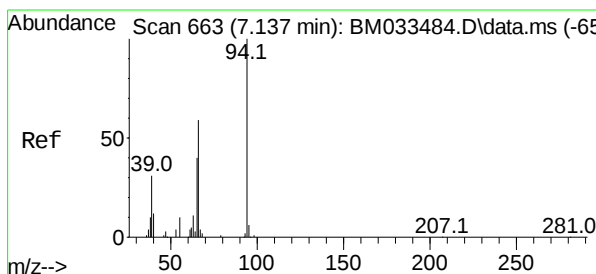
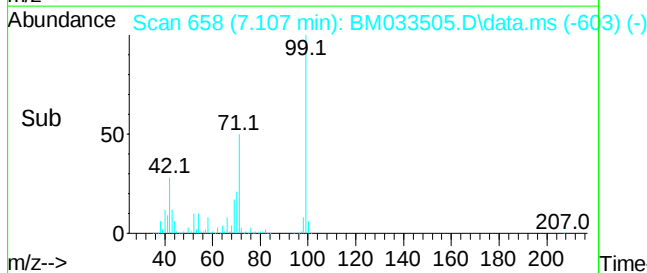
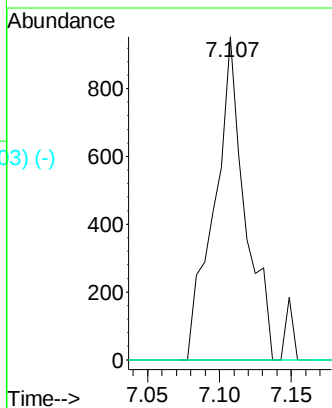
Tgt Ion: 77 Resp: 1405

Ion Ratio Lower Upper

77 100

105 0.0 67.1 107.1#

106 0.0 64.3 104.3#



Phenol

Concen: 2.468 ng

RT: 7.131 min Scan# 662

Delta R.T. -0.006 min

Lab File: BM033505.D

Acq: 17 Dec 2021 14:21

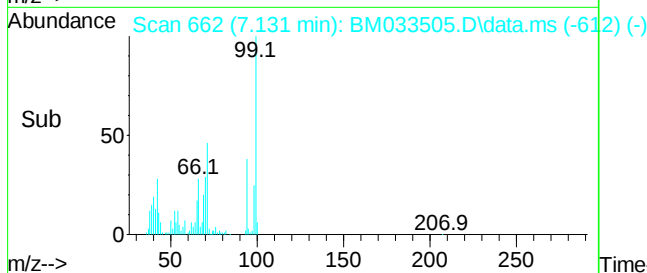
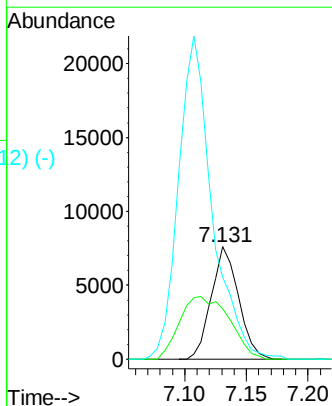
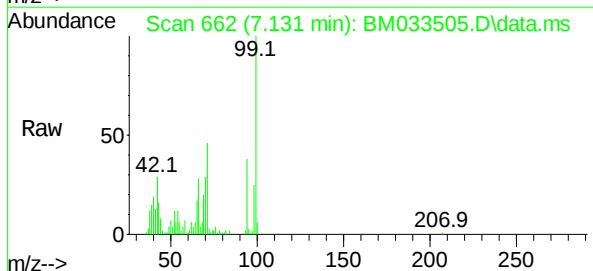
Tgt Ion: 94 Resp: 11729

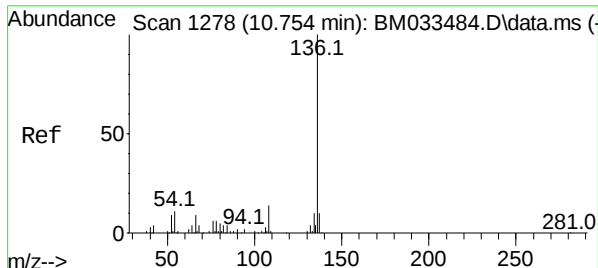
Ion Ratio Lower Upper

94 100

65 44.7 15.5 55.5

66 73.0 28.5 68.5#

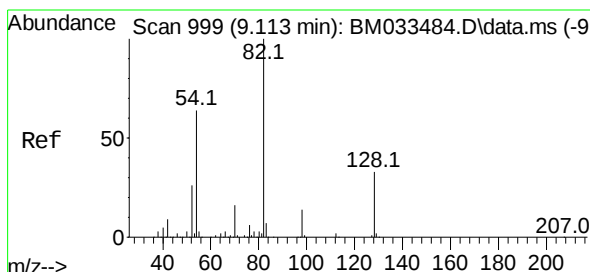
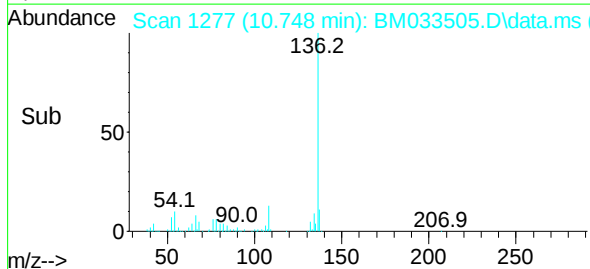
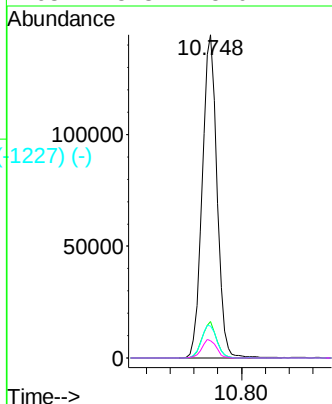
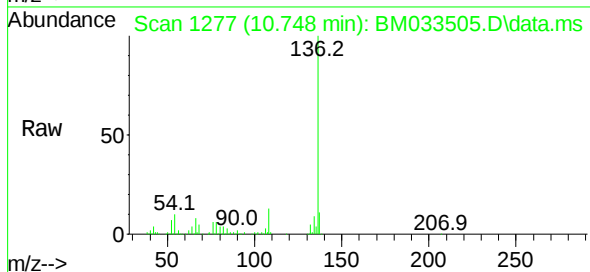




Naphthalene-d8
Concen: 20.000 ng
RT: 10.748 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM033505.D
Acq: 17 Dec 2021 14:21

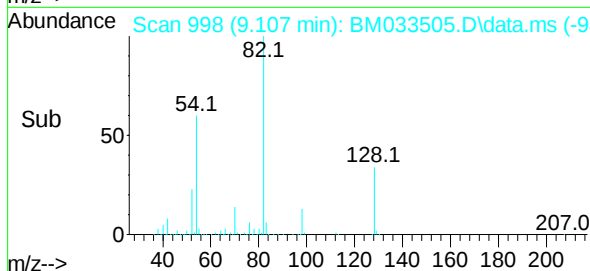
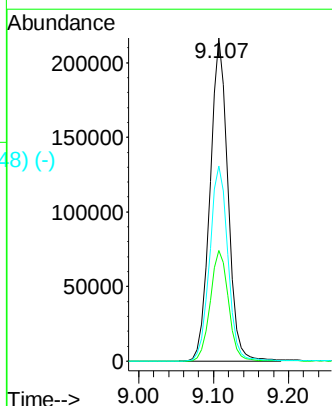
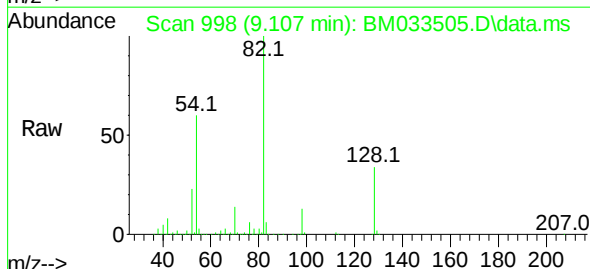
Instrument :
BNA_M
ClientSampleId :

Tgt Ion:	136	Resp:	251088
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	9.9	8.3	12.5
68	5.3	5.0	7.6

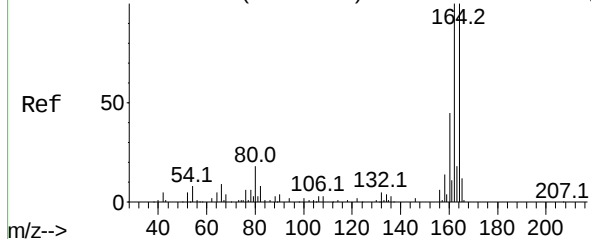


Nitrobenzene-d5
Concen: 61.707 ng
RT: 9.107 min Scan# 998
Delta R.T. -0.006 min
Lab File: BM033505.D
Acq: 17 Dec 2021 14:21

Tgt Ion:	82	Resp:	360844
Ion	Ratio	Lower	Upper
82	100		
128	34.2	28.1	42.1
54	60.3	46.1	69.1



Abundance Scan 1930 (14.589 min): BM033484.D\data.ms (-1839) (-)



Acenaphthene-d10

Concen: 20.000 ng

RT: 14.583 min Scan#

Delta R.T. -0.006 min

Lab File: BM033505.D

Acq: 17 Dec 2021 14:21

Instrument :

BNA_M

ClientSampleId :

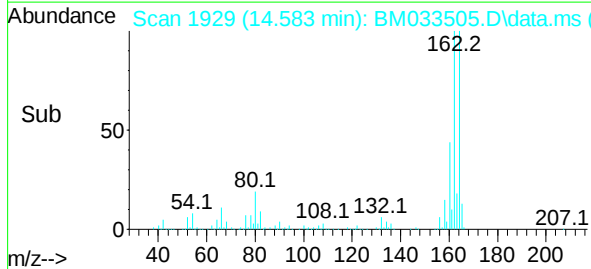
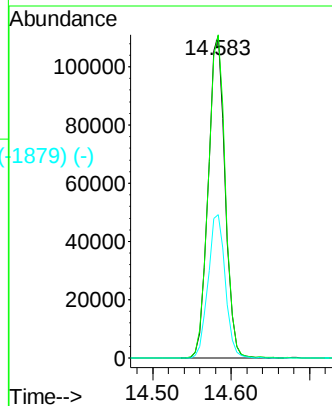
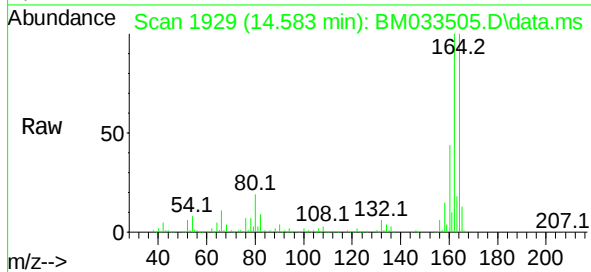
Tgt Ion:164 Resp: 165402

Ion Ratio Lower Upper

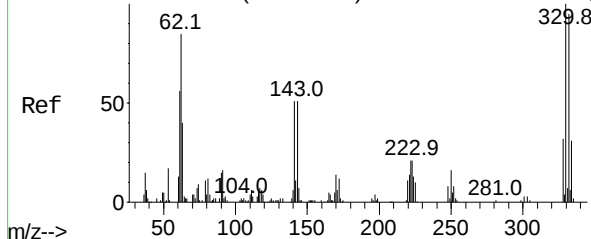
164 100

162 100.1 79.7 119.5

160 44.3 34.2 51.4



Abundance Scan 2183 (16.077 min): BM033484.D\data.ms (-2140) (-)



2,4,6-Tribromophenol

Concen: 83.592 ng

RT: 16.071 min Scan# 2182

Delta R.T. -0.006 min

Lab File: BM033505.D

Acq: 17 Dec 2021 14:21

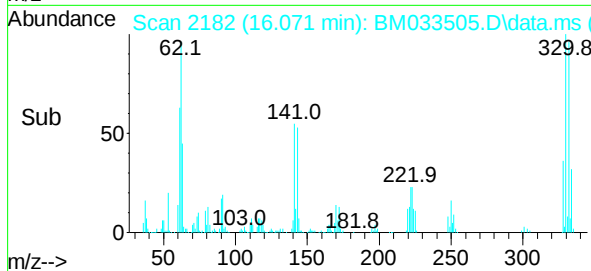
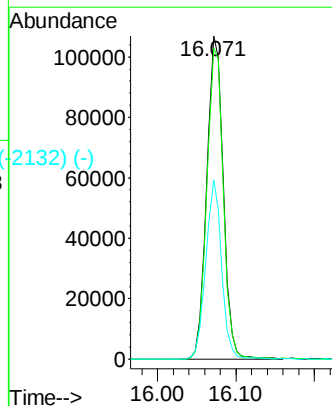
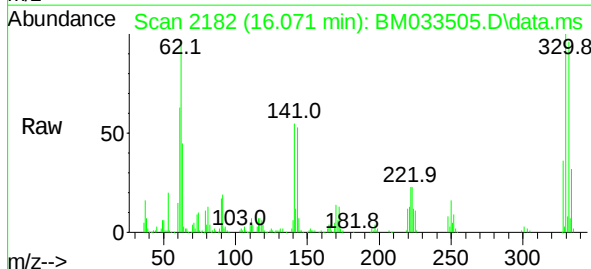
Tgt Ion:330 Resp: 155531

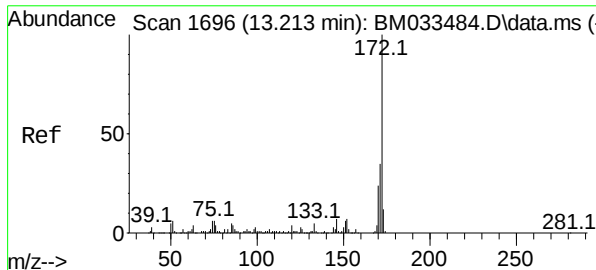
Ion Ratio Lower Upper

330 100

332 96.5 76.5 114.7

141 53.0 35.9 53.9

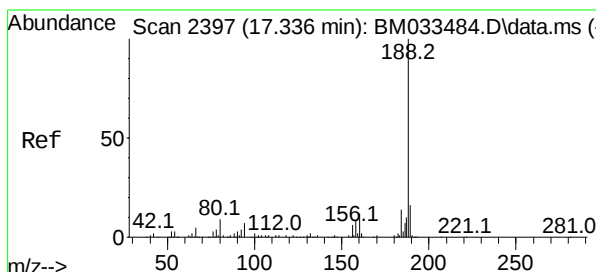
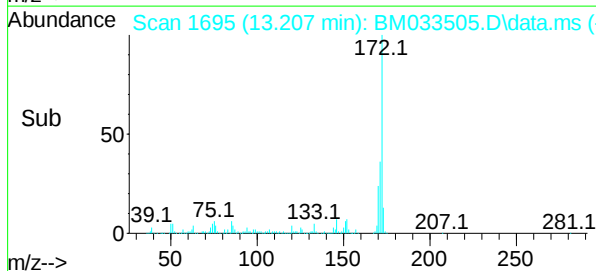
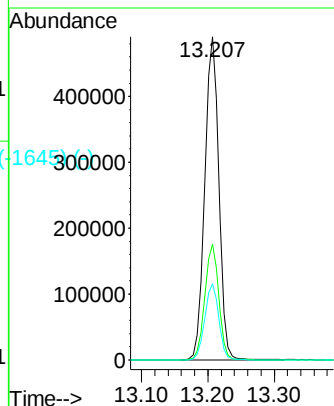
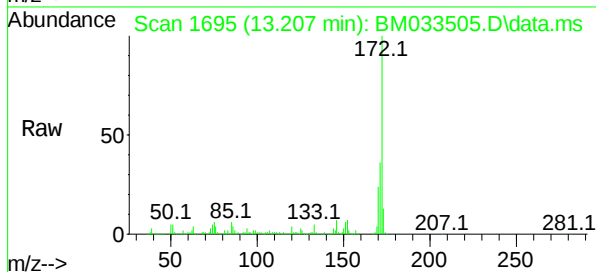




2-Fluorobiphenyl
Concen: 61.266 ng
RT: 13.207 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM033505.D
Acq: 17 Dec 2021 14:21

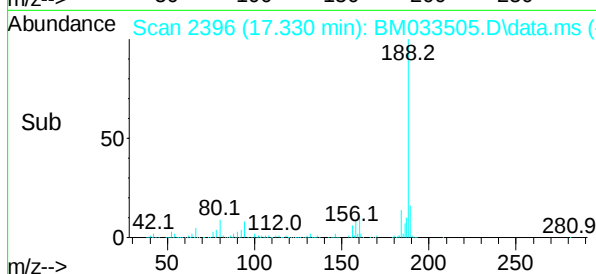
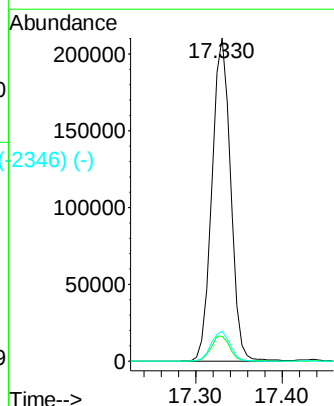
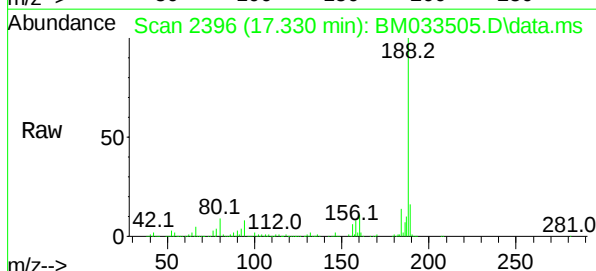
Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 732556
Ion Ratio Lower Upper
172 100
171 35.9 27.2 40.8
170 23.6 18.7 28.1

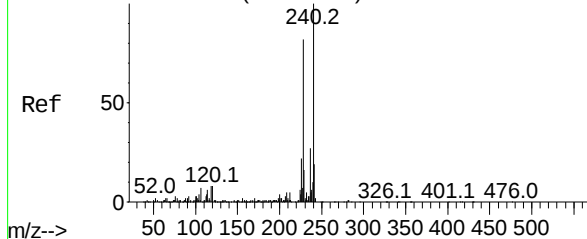


Phenanthrene-d10
Concen: 20.000 ng
RT: 17.330 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BM033505.D
Acq: 17 Dec 2021 14:21

Tgt Ion:188 Resp: 315728
Ion Ratio Lower Upper
188 100
94 7.6 7.5 11.3
80 9.4 8.9 13.3



Abundance Scan 3107 (21.512 min): BM033484.D\data.ms (-3107) (-)



Chrysene-d12

Concen: 20.000 ng

RT: 21.506 min Scan#

Delta R.T. -0.006 min

Lab File: BM033505.D

Acq: 17 Dec 2021 14:21

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:240 Resp: 175313

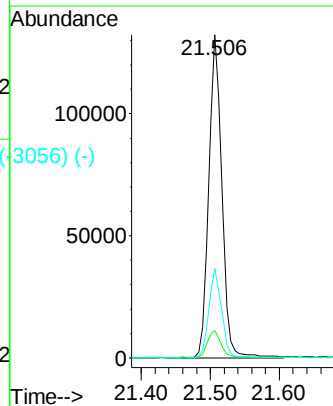
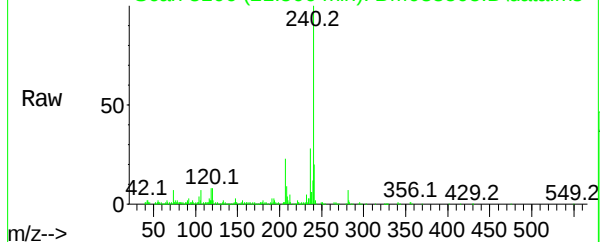
Ion Ratio Lower Upper

240 100

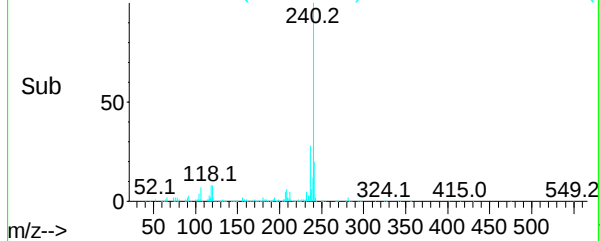
120 8.5 7.8 11.6

236 27.7 20.3 30.5

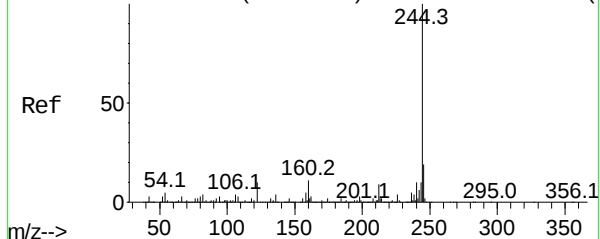
Abundance Scan 3106 (21.506 min): BM033505.D\data.ms



Abundance Scan 3106 (21.506 min): BM033505.D\data.ms (-3106) (-)



Abundance Scan 2842 (19.954 min): BM033484.D\data.ms (-2842) (-)



Terphenyl-d14

Concen: 73.607 ng

RT: 19.948 min Scan# 2841

Delta R.T. -0.006 min

Lab File: BM033505.D

Acq: 17 Dec 2021 14:21

Tgt Ion:244 Resp: 819669

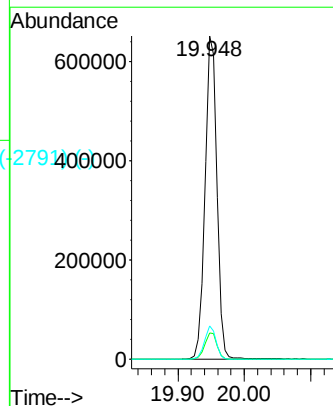
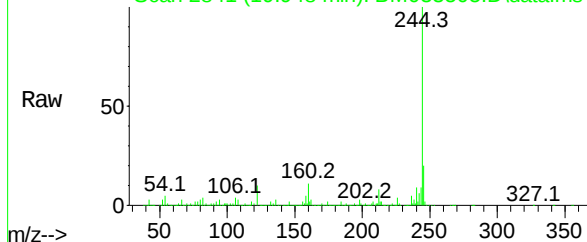
Ion Ratio Lower Upper

244 100

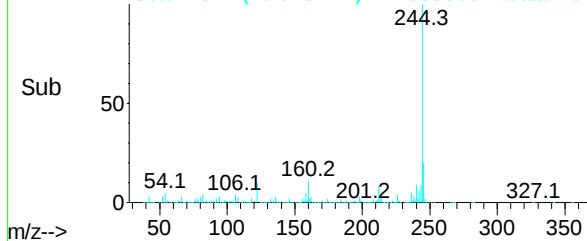
212 8.2 5.9 8.9

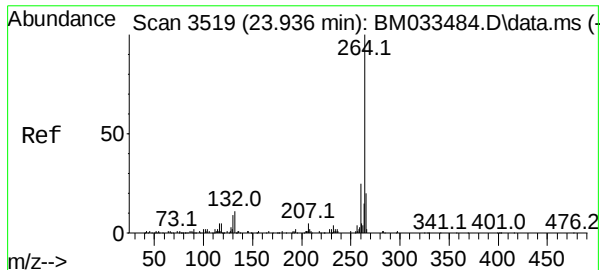
122 10.3 8.4 12.6

Abundance Scan 2841 (19.948 min): BM033505.D\data.ms



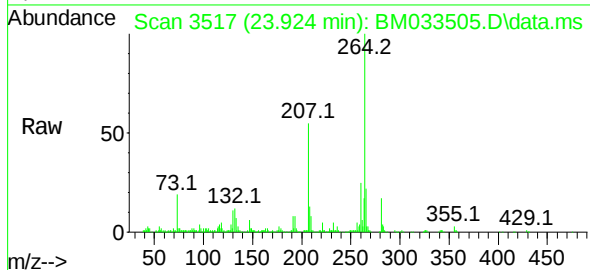
Abundance Scan 2841 (19.948 min): BM033505.D\data.ms (-2841) (-)





Perylene-d12
 Concen: 20.000 ng
 RT: 23.924 min Scan# 3517
 Delta R.T. -0.012 min
 Lab File: BM033505.D
 Acq: 17 Dec 2021 14:21

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:	264	Resp:	156446
Ion Ratio		Lower	Upper
264	100		
260	24.7	17.7	26.5
265	22.4	17.7	26.5

