

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
 Data File : BM033507.D
 Acq On : 17 Dec 2021 15:52
 Operator : CG/JU
 Sample : M5064-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 18 04:51:48 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)

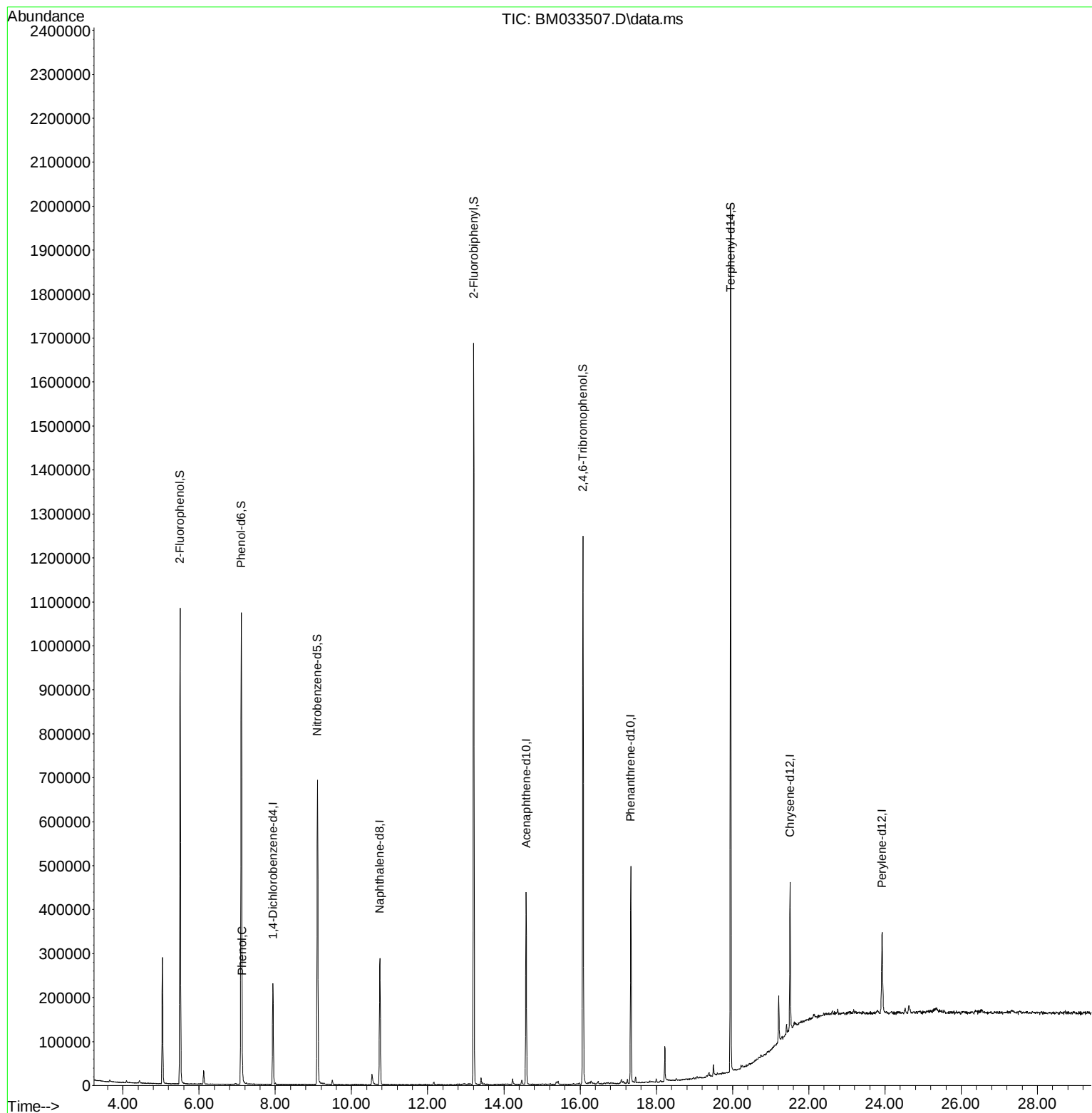
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	51403	20.000	ng	0.00
21) Naphthalene-d8	10.748	136	210891	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	137267	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	267064	20.000	ng	0.00
76) Chrysene-d12	21.506	240	155390	20.000	ng	0.00
86) Perylene-d12	23.924	264	136044	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	353398	118.632	ng	0.00
7) Phenol-d6	7.107	99	486996	121.818	ng	0.00
23) Nitrobenzene-d5	9.107	82	377557	76.871	ng	0.00
42) 2,4,6-Tribromophenol	16.071	330	165373	107.100	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	749755	75.556	ng	0.00
79) Terphenyl-d14	19.948	244	830488	84.141	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.378	88	422	Below Cal	#	16
9) Benzaldehyde	7.107	77	1602	Below Cal	#	7
10) Phenol	7.131	94	12679	3.139 ng	#	62

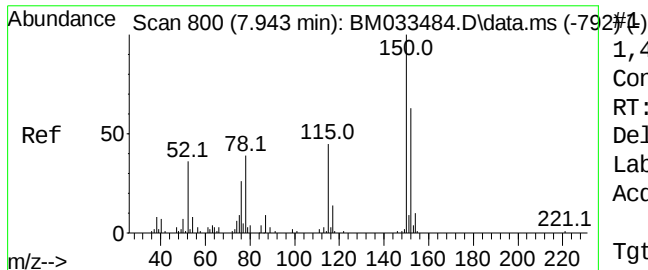
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.937 min Scan#

Delta R.T. -0.006 min

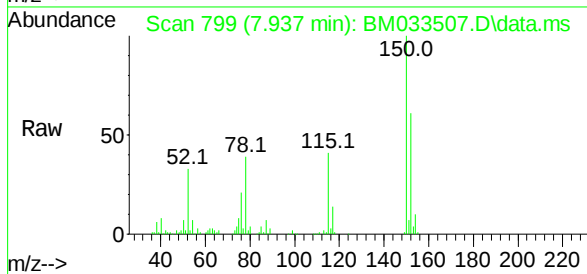
Lab File: BM033507.D

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Instrument :

BNA_M

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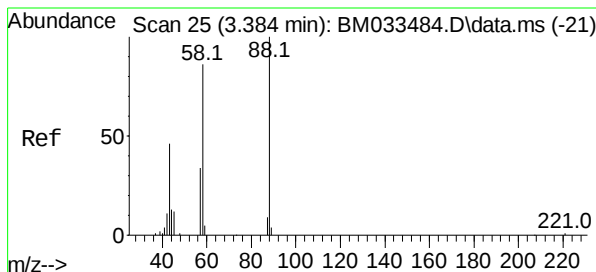
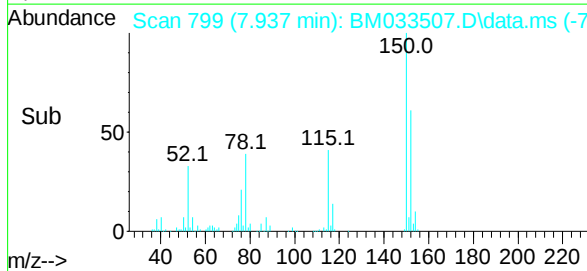
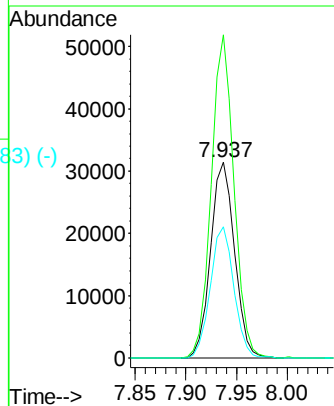
Tgt Ion:152 Resp: 51403

Ion Ratio Lower Upper

152 100

150 165.0 128.9 193.3

115 66.9 53.0 79.6



1,4-Dioxane

Concen: Below Cal

RT: 3.378 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM033507.D

Acq: 17 Dec 2021 15:52

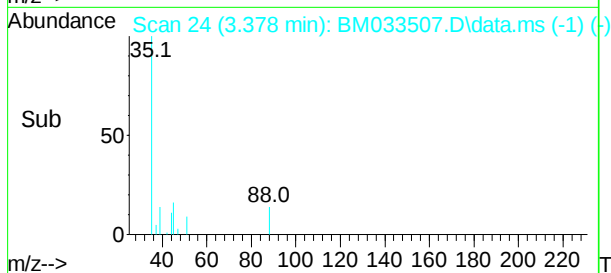
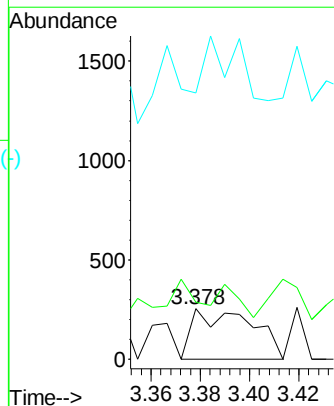
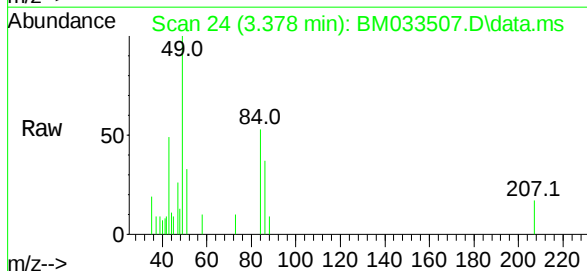
Tgt Ion: 88 Resp: 422

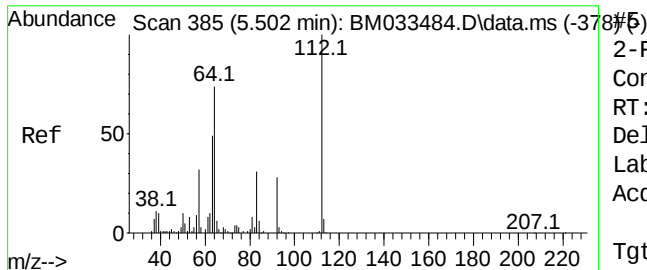
Ion Ratio Lower Upper

88 100

58 0.0 67.0 100.4#

43 80.8 31.6 47.4#





2-Fluorophenol

Concen: 118.632 ng

RT: 5.502 min Scan# 385

Delta R.T. -0.000 min

Lab File: BM033507.D

Acq: 17 Dec 2021 15:52

Instrument :

BNA_M

ClientSampleId :

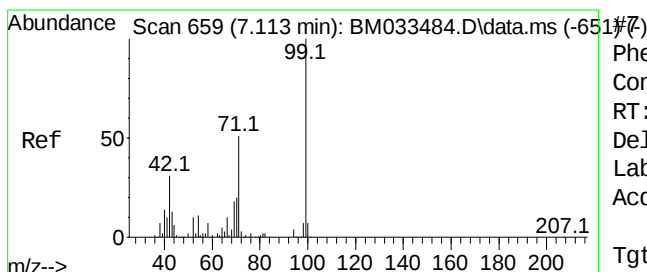
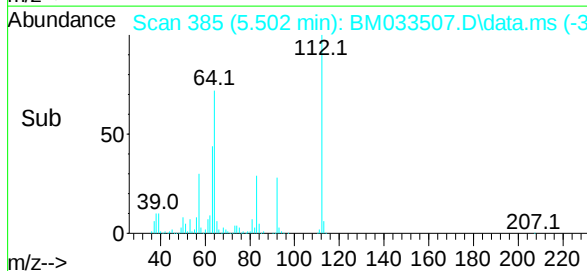
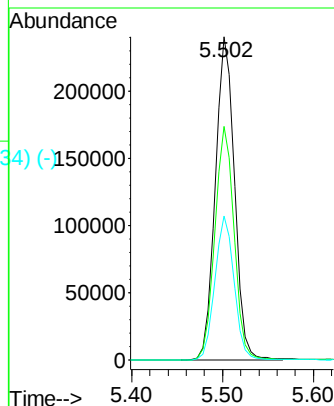
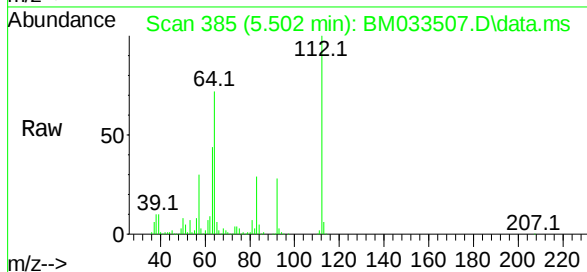
Tgt Ion:112 Resp: 353398

Ion Ratio Lower Upper

112 100

64 72.3 55.5 83.3

63 44.5 31.3 46.9



Phenol-d6

Concen: 121.818 ng

RT: 7.107 min Scan# 658

Delta R.T. -0.006 min

Lab File: BM033507.D

Acq: 17 Dec 2021 15:52

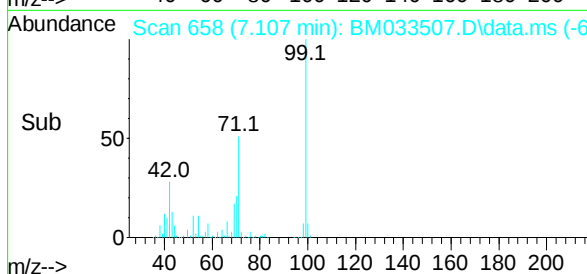
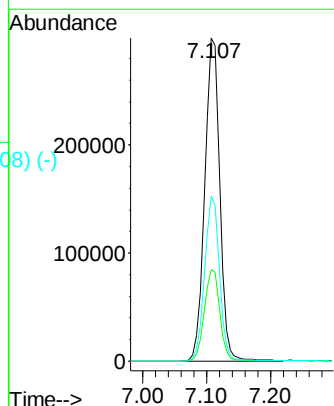
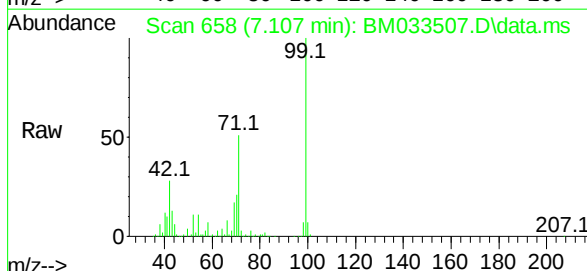
Tgt Ion: 99 Resp: 486996

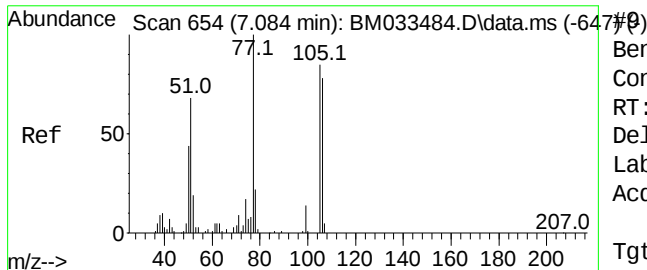
Ion Ratio Lower Upper

99 100

42 28.4 20.3 30.5

71 51.1 34.5 51.7





Benzaldehyde

Concen: Below Cal

RT: 7.107 min Scan# 659

Delta R.T. 0.023 min

Lab File: BM033507.D

Acq: 17 Dec 2021 15:52

Instrument :

BNA_M

ClientSampleId :

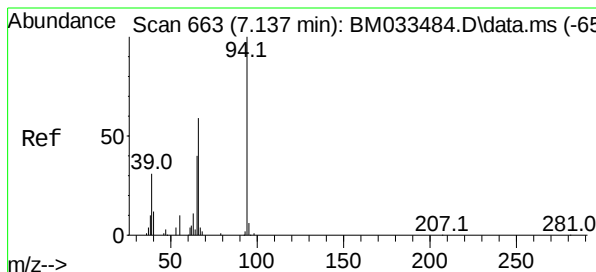
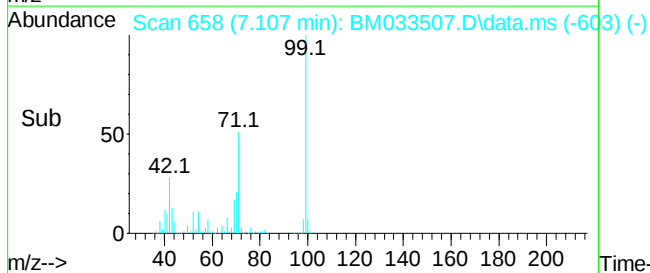
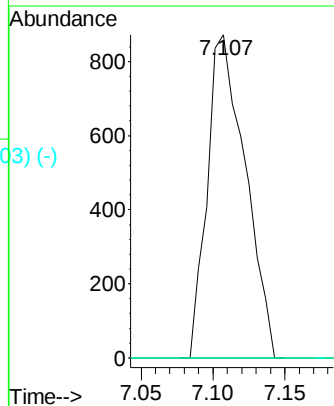
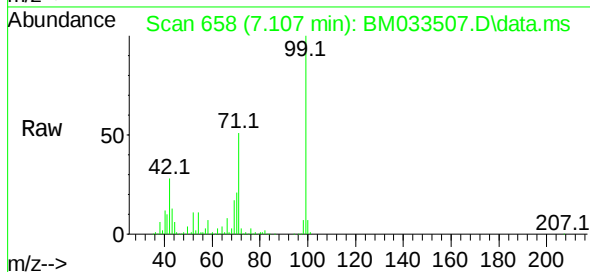
Tgt Ion: 77 Resp: 1602

Ion Ratio Lower Upper

77 100

105 0.0 67.1 107.1#

106 0.0 64.3 104.3#



Phenol

Concen: 3.139 ng

RT: 7.131 min Scan# 662

Delta R.T. -0.006 min

Lab File: BM033507.D

Acq: 17 Dec 2021 15:52

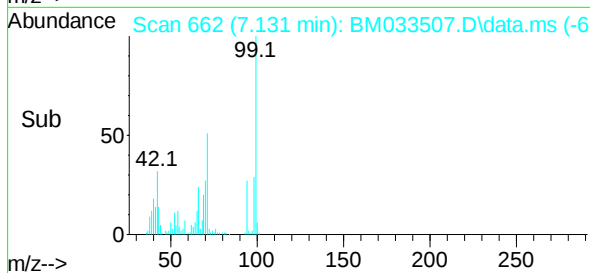
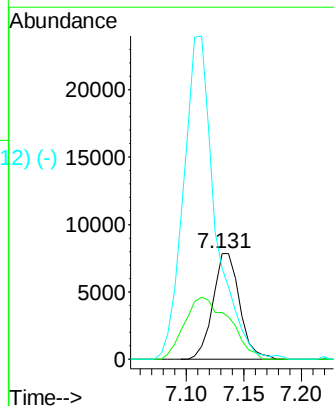
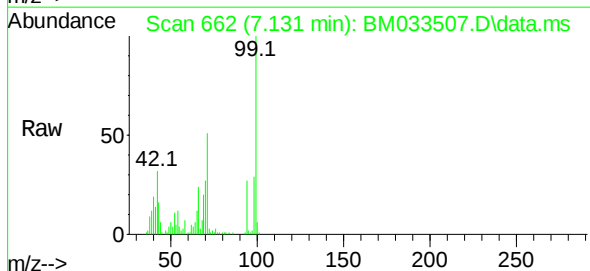
Tgt Ion: 94 Resp: 12679

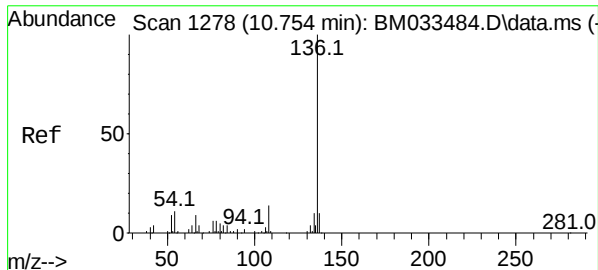
Ion Ratio Lower Upper

94 100

65 44.1 15.5 55.5

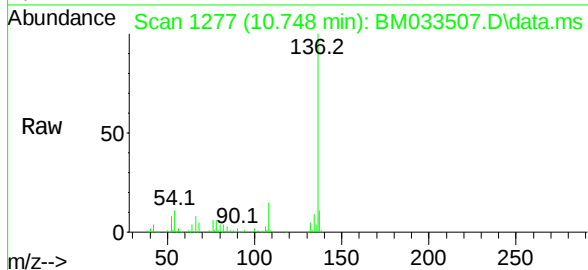
66 85.9 28.5 68.5#



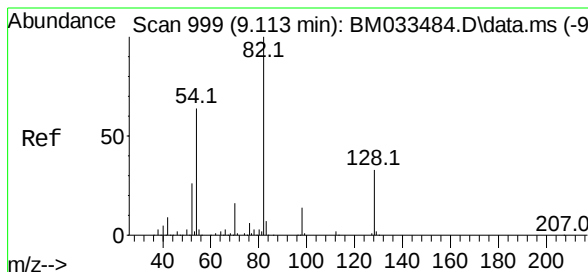
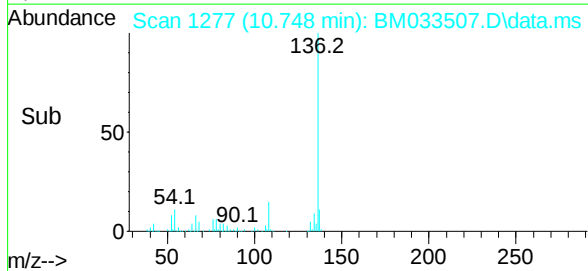
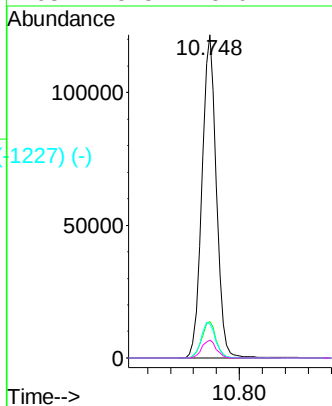


Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.748 min Scan# 1278
 Delta R.T. -0.006 min
 Lab File: BM033507.D
 Acq: 17 Dec 2021 15:52

Instrument :
 BNA_M
 ClientSampleId :

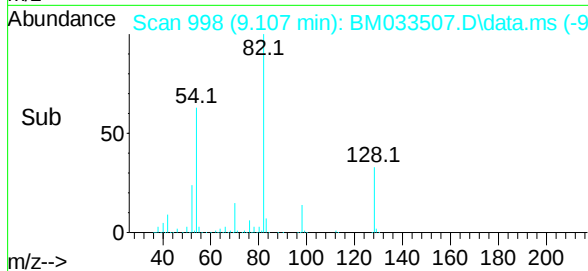
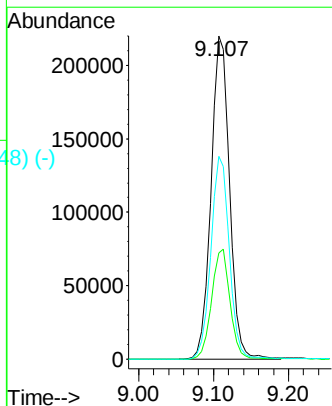
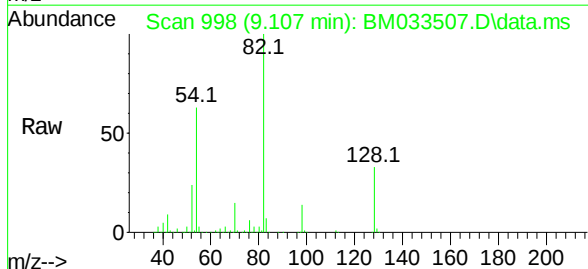


Tgt Ion:	136	Resp:	210891
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	10.5	8.3	12.5
68	5.5	5.0	7.6



Nitrobenzene-d5
 Concen: 76.871 ng
 RT: 9.107 min Scan# 998
 Delta R.T. -0.006 min
 Lab File: BM033507.D
 Acq: 17 Dec 2021 15:52

Tgt Ion:	82	Resp:	377557
Ion	Ratio	Lower	Upper
82	100		
128	32.8	28.1	42.1
54	62.7	46.1	69.1



Abundance Scan 1930 (14.589 min): BM033484.D\data.ms (-1539) (-)

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.583 min Scan# 1929

Delta R.T. -0.006 min

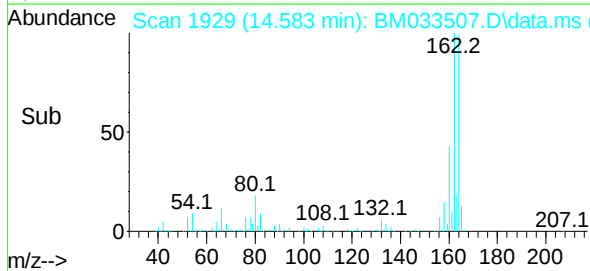
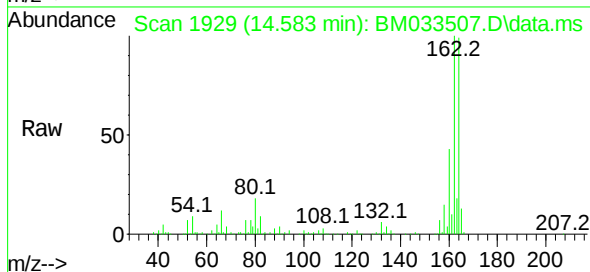
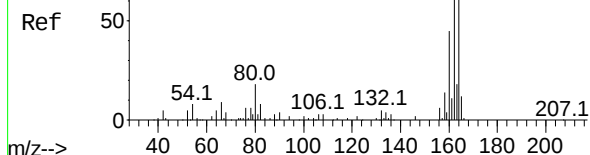
Lab File: BM033507.D

Acq: 17 Dec 2021 15:52

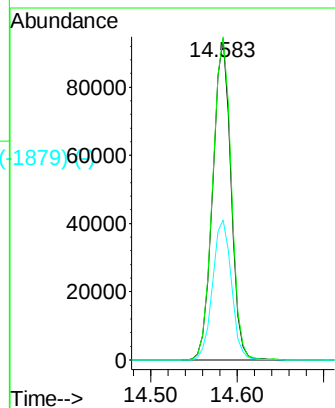
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	164	Resp:	137267
Ion	Ratio	Lower	Upper
164	100		
162	100.7	79.7	119.5
160	43.7	34.2	51.4



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

2,4,6-Tribromophenol

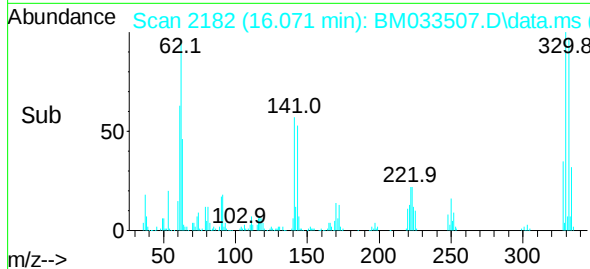
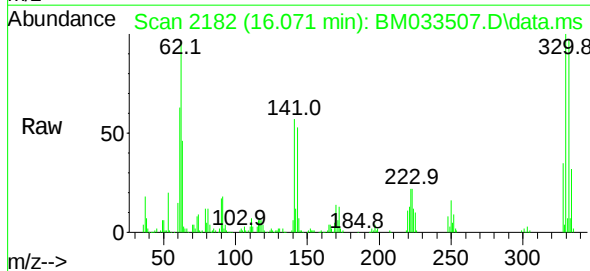
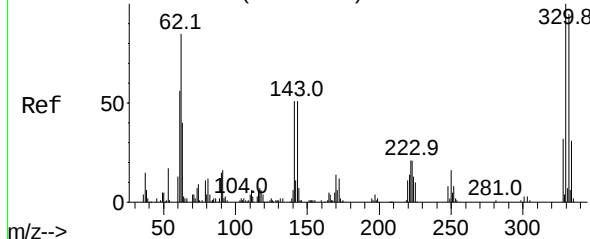
Concen: 107.100 ng

RT: 16.071 min Scan# 2182

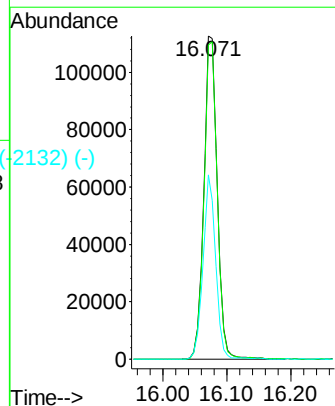
Delta R.T. -0.006 min

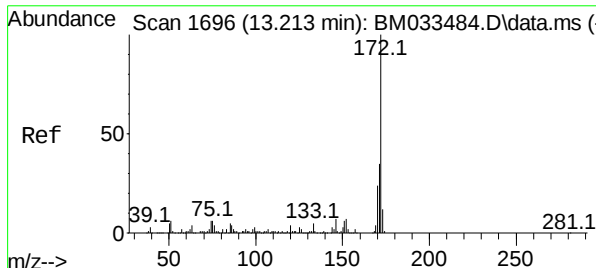
Lab File: BM033507.D

Acq: 17 Dec 2021 15:52



Tgt Ion:	330	Resp:	165373
Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.5	114.7
141	53.9	35.9	53.9#

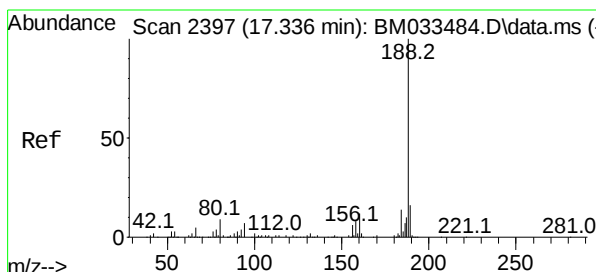
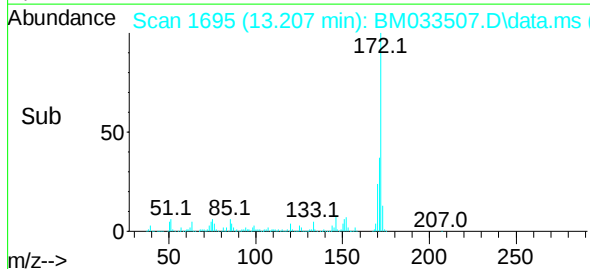
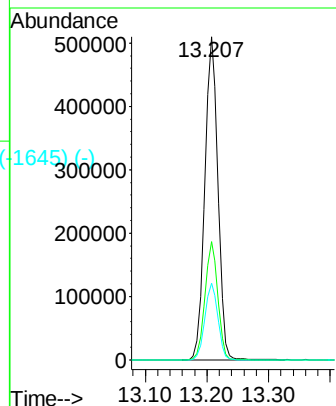
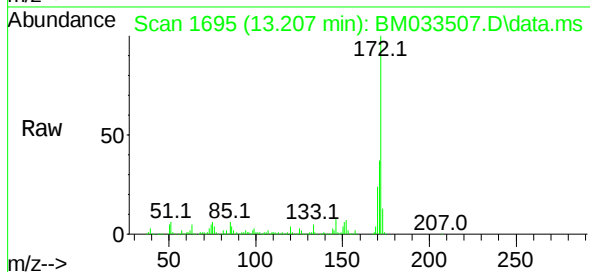




Scan 1696 (13.213 min): BM033484.D\data.ms (-1645) (-)
 2-Fluorobiphenyl
 Concen: 75.556 ng
 RT: 13.207 min Scan# 1695
 Delta R.T. -0.006 min
 Lab File: BM033507.D
 Acq: 17 Dec 2021 15:52

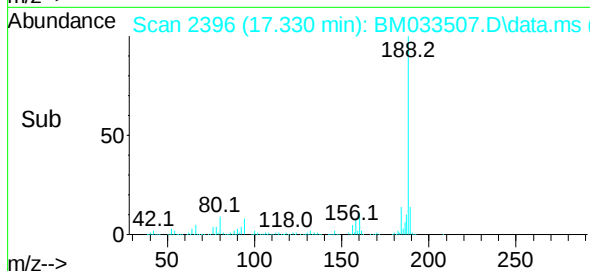
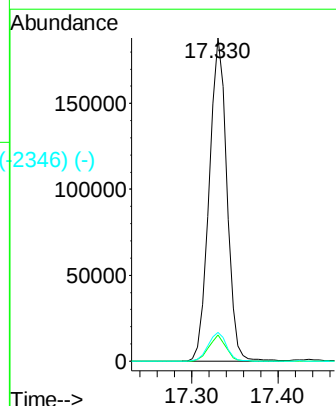
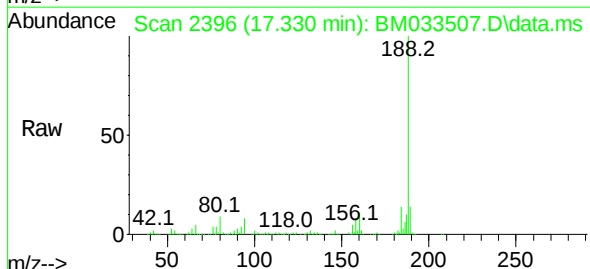
Instrument :
 BNA_M
 ClientSampleId :

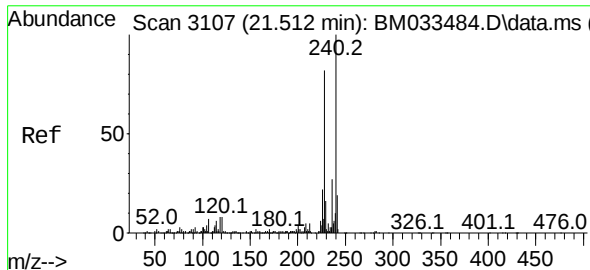
Tgt Ion:	172	Resp:	749755
Ion	Ratio	Lower	Upper
172	100		
171	36.6	27.2	40.8
170	23.8	18.7	28.1



Scan 2397 (17.336 min): BM033484.D\data.ms (-2396) (-)
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.330 min Scan# 2396
 Delta R.T. -0.006 min
 Lab File: BM033507.D
 Acq: 17 Dec 2021 15:52

Tgt Ion:	188	Resp:	267064
Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.5	11.3
80	9.0	8.9	13.3





Chrysene-d12

Concen: 20.000 ng

RT: 21.506 min Scan#

Delta R.T. -0.006 min

Lab File: BM033507.D

Acq: 17 Dec 2021 15:52

Instrument :

BNA_M

ClientSampleId :

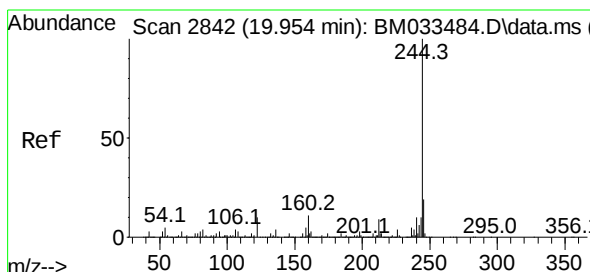
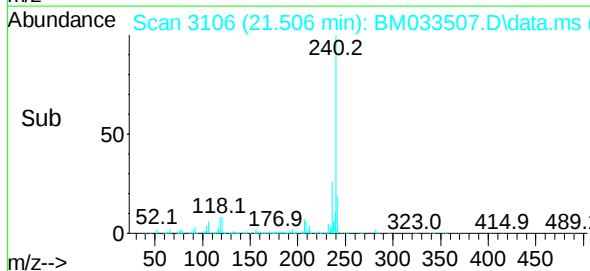
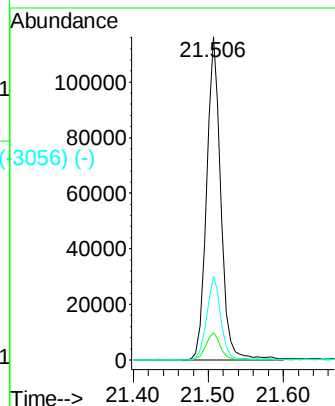
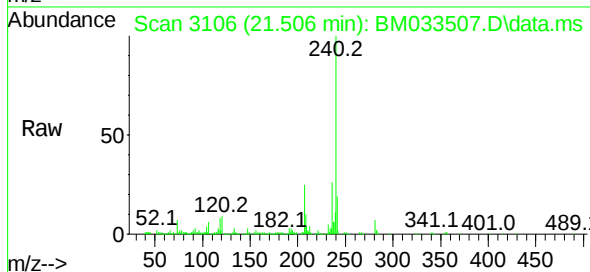
Tgt Ion:240 Resp: 155390

Ion Ratio Lower Upper

240 100

120 8.6 7.8 11.6

236 25.9 20.3 30.5



Terphenyl-d14

Concen: 84.141 ng

RT: 19.948 min Scan# 2841

Delta R.T. -0.006 min

Lab File: BM033507.D

Acq: 17 Dec 2021 15:52

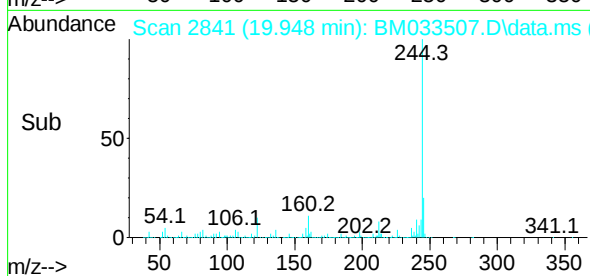
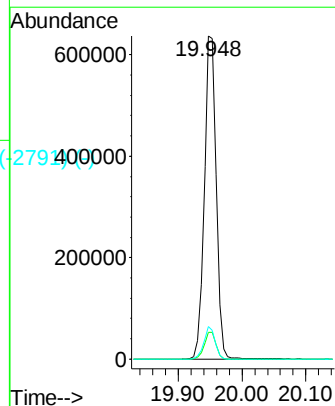
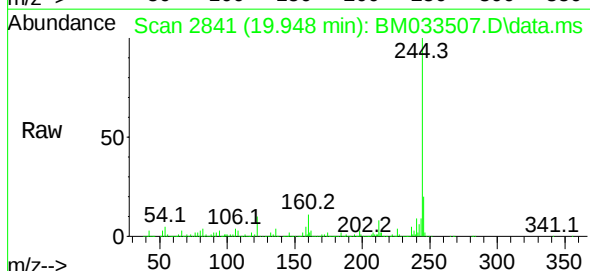
Tgt Ion:244 Resp: 830488

Ion Ratio Lower Upper

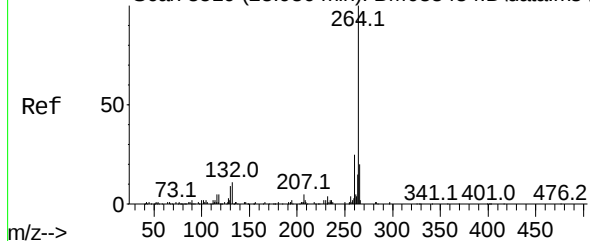
244 100

212 8.3 5.9 8.9

122 10.1 8.4 12.6



Abundance Scan 3519 (23.936 min): BM033484.D\data.ms (-3569) (-)



Perylene-d12

Concen: 20.000 ng

RT: 23.924 min Scan#

Delta R.T. -0.012 min

Lab File: BM033507.D

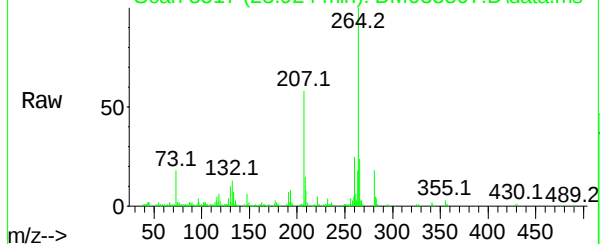
Acq: 17 Dec 2021 15:52

Instrument :

BNA_M

ClientSampleId :

Abundance Scan 3517 (23.924 min): BM033507.D\data.ms



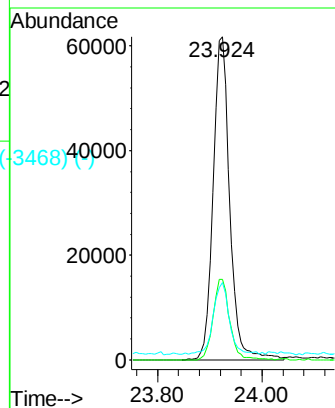
Tgt Ion:264 Resp: 136044

Ion Ratio Lower Upper

264 100

260 24.9 17.7 26.5

265 23.9 17.7 26.5



Abundance Scan 3517 (23.924 min): BM033507.D\data.ms (-3468) (-)

