

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
 Data File : BM033513.D
 Acq On : 17 Dec 2021 19:30
 Operator : CG/JU
 Sample : M5051-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 18 04:55:57 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)

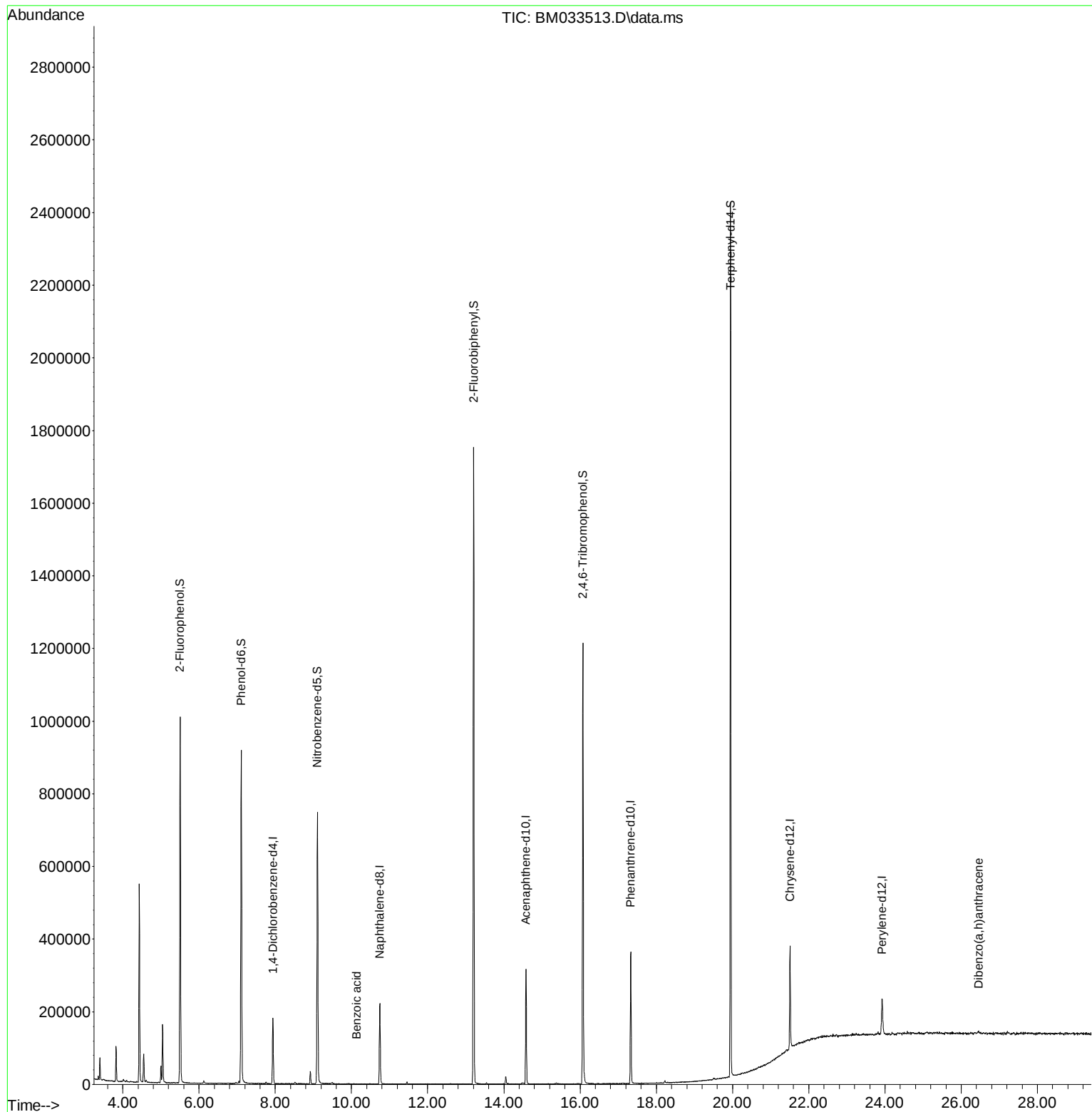
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	39321	20.000	ng	0.00
21) Naphthalene-d8	10.748	136	160955	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	101313	20.000	ng	-0.01
64) Phenanthrene-d10	17.330	188	208759	20.000	ng	# 0.00
76) Chrysene-d12	21.506	240	130193	20.000	ng	# 0.00
86) Perylene-d12	23.918	264	71047	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.501	112	329012	144.382	ng	0.00
7) Phenol-d6	7.107	99	393131	128.554	ng	0.00
23) Nitrobenzene-d5	9.107	82	397056	105.922	ng	0.00
42) 2,4,6-Tribromophenol	16.071	330	160117	140.495	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	792624	108.223	ng	0.00
79) Terphenyl-d14	19.948	244	956795	115.698	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.366	88	170	Below Cal	#	30
9) Benzaldehyde	7.113	77	1351	Below Cal	#	7
32) Benzoic acid	10.131	122	58	3.000 ng	#	1
91) Dibenzo(a,h)anthracene	26.465	278	6253	2.545 ng	#	91

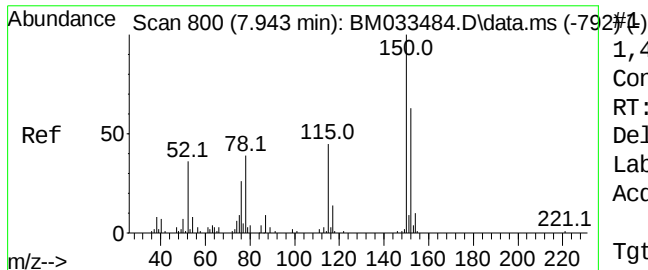
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.937 min Scan#

Delta R.T. -0.006 min

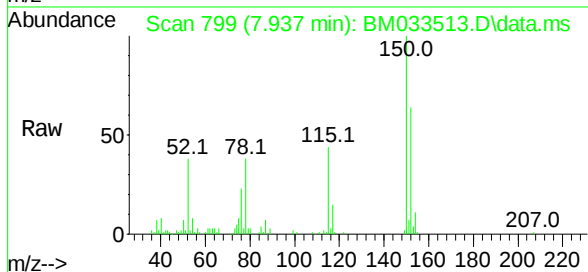
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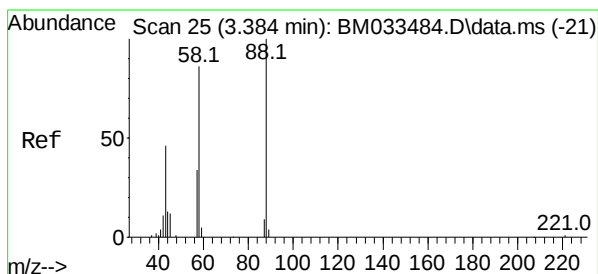
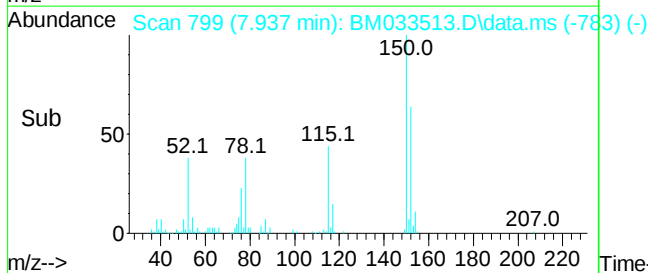
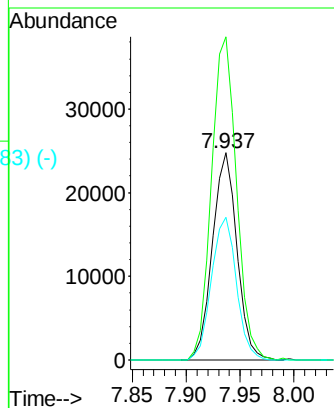
Tgt Ion:152 Resp: 39321

Ion Ratio Lower Upper

152 100

150 155.8 128.9 193.3

115 68.8 53.0 79.6



1,4-Dioxane

Concen: Below Cal

RT: 3.366 min Scan# 22

Delta R.T. -0.018 min

Lab File: BM033513.D

Acq: 17 Dec 2021 19:30

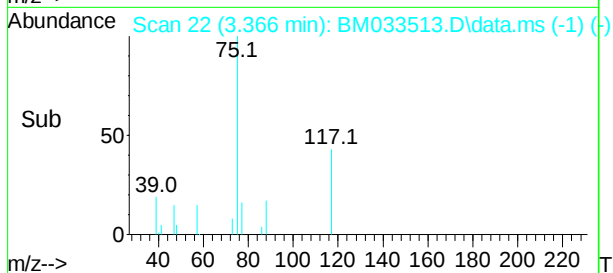
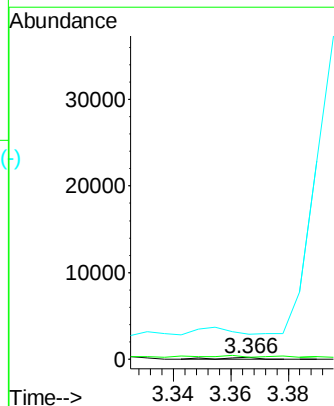
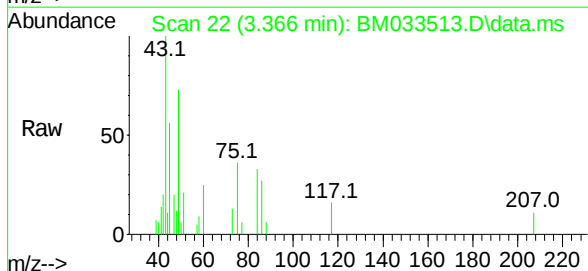
Tgt Ion: 88 Resp: 170

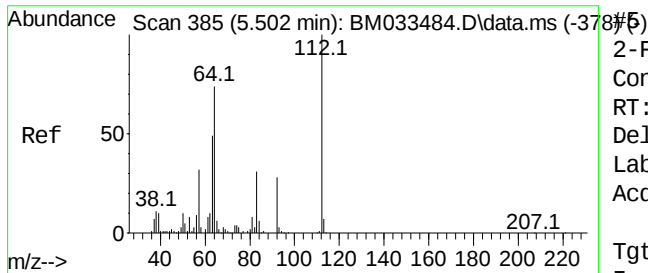
Ion Ratio Lower Upper

88 100

58 148.8 67.0 100.4#

43 0.0 31.6 47.4#





2-Fluorophenol

Concen: 144.382 ng

RT: 5.501 min Scan# 1

Delta R.T. -0.001 min

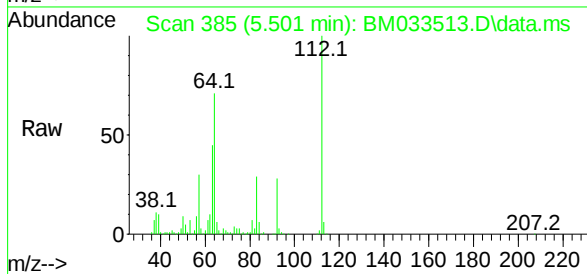
Lab File: BM033513.D

Acq: 17 Dec 2021 19:30

Instrument :

BNA_M

ClientSampleId :



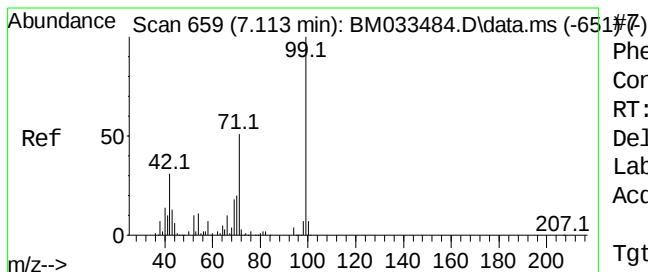
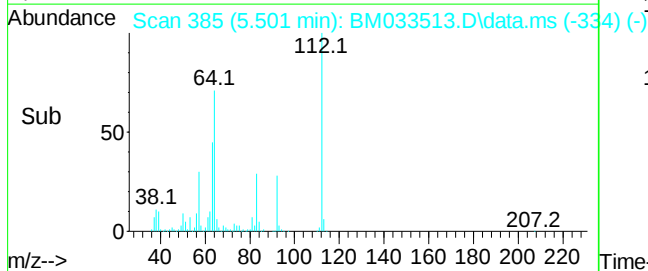
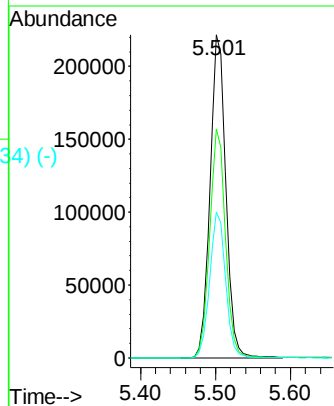
Tgt Ion:112 Resp: 329012

Ion Ratio Lower Upper

112 100

64 70.9 55.5 83.3

63 45.1 31.3 46.9



Phenol-d6

Concen: 128.554 ng

RT: 7.107 min Scan# 658

Delta R.T. -0.006 min

Lab File: BM033513.D

Acq: 17 Dec 2021 19:30

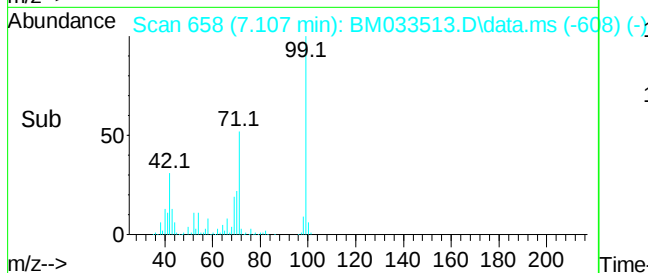
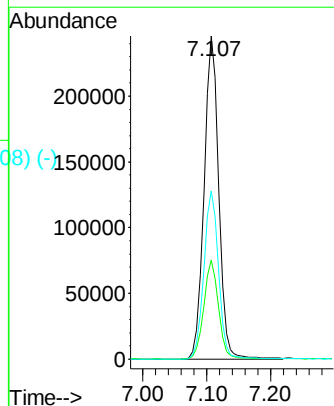
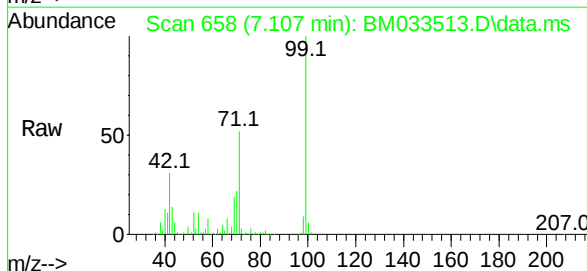
Tgt Ion: 99 Resp: 393131

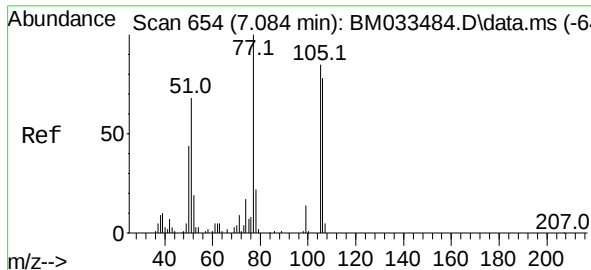
Ion Ratio Lower Upper

99 100

42 30.7 20.3 30.5#

71 52.1 34.5 51.7#





Benzaldehyde

Concen: Below Cal

RT: 7.113 min Scan#

Delta R.T. 0.029 min

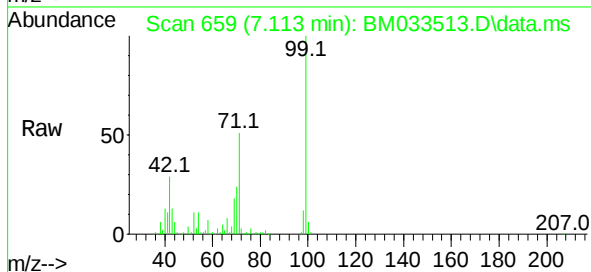
Lab File: BM033513.D

Acq: 17 Dec 2021 19:30

Instrument :

BNA_M

ClientSampleId :



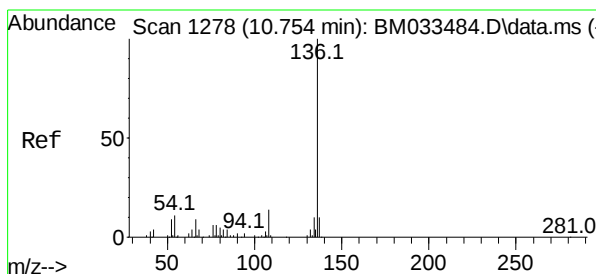
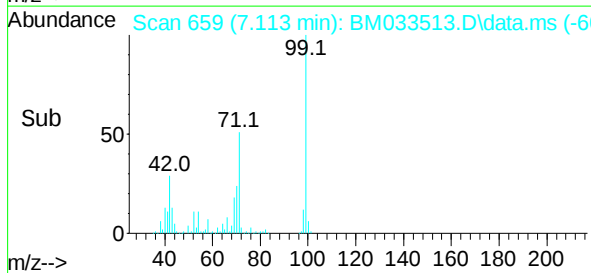
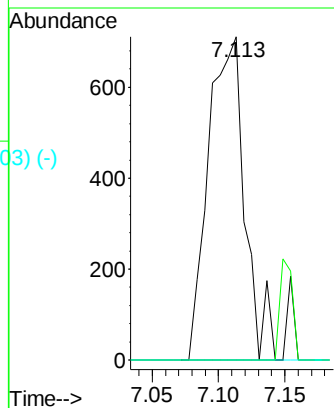
Tgt Ion: 77 Resp: 1351

Ion Ratio Lower Upper

77 100

105 0.0 67.1 107.1#

106 0.0 64.3 104.3#



Naphthalene-d8

Concen: 20.000 ng

RT: 10.748 min Scan# 1277

Delta R.T. -0.006 min

Lab File: BM033513.D

Acq: 17 Dec 2021 19:30

Tgt Ion:136 Resp: 160955

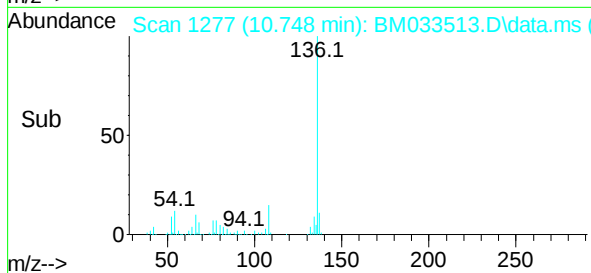
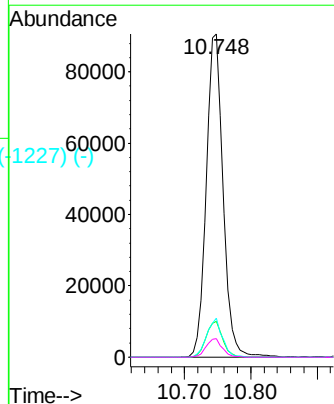
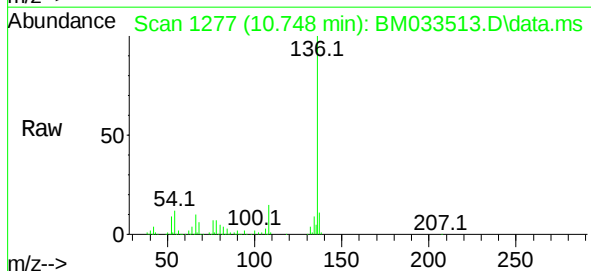
Ion Ratio Lower Upper

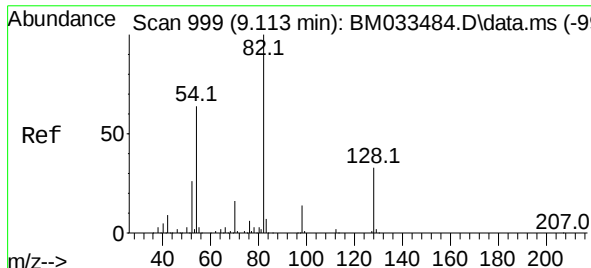
136 100

137 11.0 8.6 13.0

54 12.1 8.3 12.5

68 5.7 5.0 7.6





Nitrobenzene-d5

Concen: 105.922 ng

RT: 9.107 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BM033513.D

Acq: 17 Dec 2021 19:30

Instrument :

BNA_M

ClientSampleId :

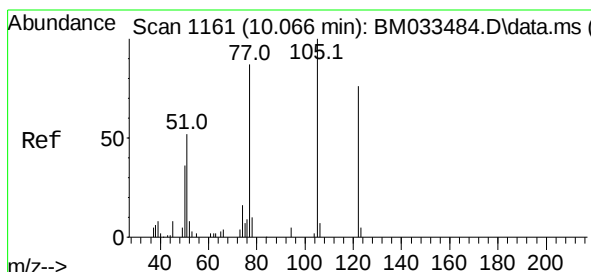
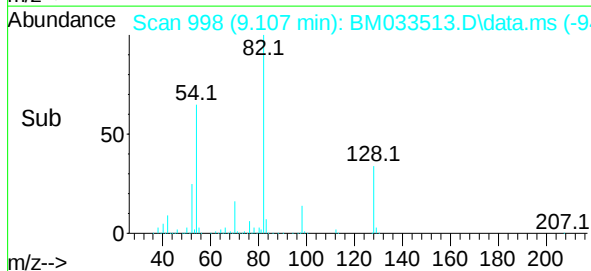
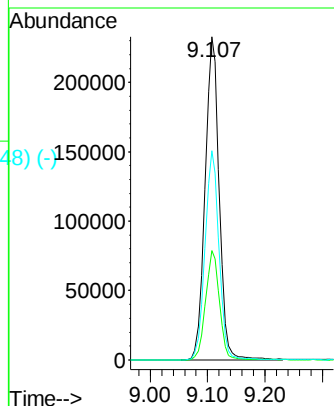
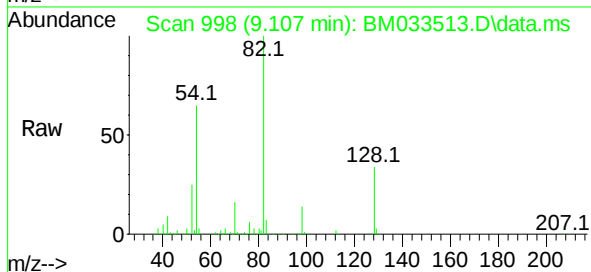
Tgt Ion: 82 Resp: 397056

Ion Ratio Lower Upper

82 100

128 33.9 28.1 42.1

54 64.8 46.1 69.1



Benzoic acid

Concen: 3.000 ng

RT: 10.131 min Scan# 1172

Delta R.T. 0.065 min

Lab File: BM033513.D

Acq: 17 Dec 2021 19:30

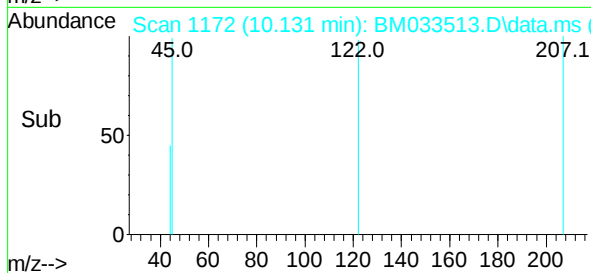
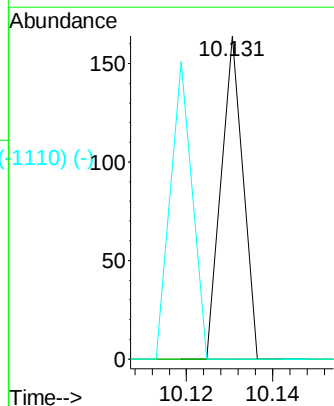
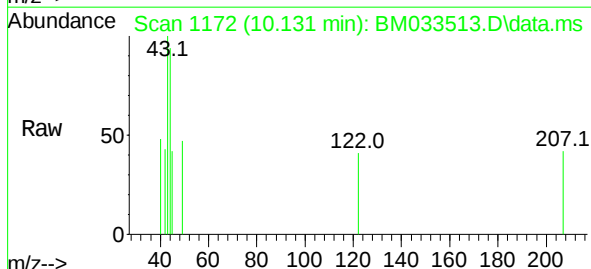
Tgt Ion: 122 Resp: 58

Ion Ratio Lower Upper

122 100

105 0.0 119.6 159.6#

77 0.0 101.0 141.0#



Abundance Scan 1930 (14.589 min): BM033484.D\data.ms (-1879) (-)

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.577 min Scan# 1928

Delta R.T. -0.012 min

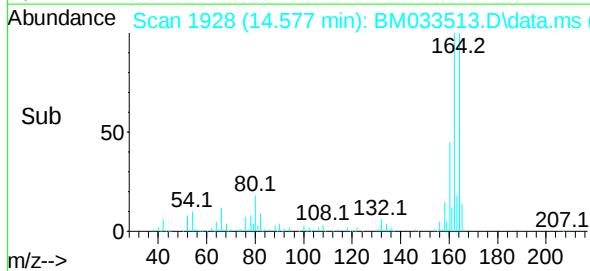
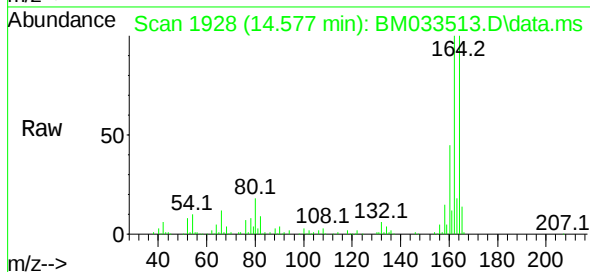
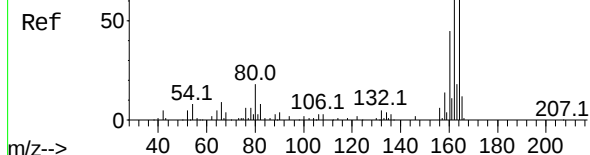
Lab File: BM033513.D

Acq: 17 Dec 2021 19:30

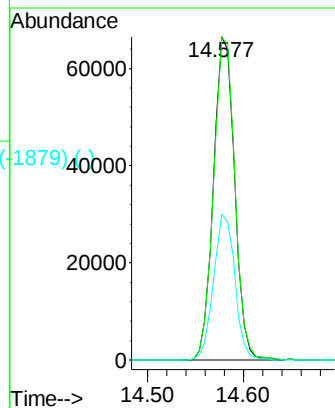
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	164	Resp:	101313
Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.7	119.5
160	45.2	34.2	51.4



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

2,4,6-Tribromophenol

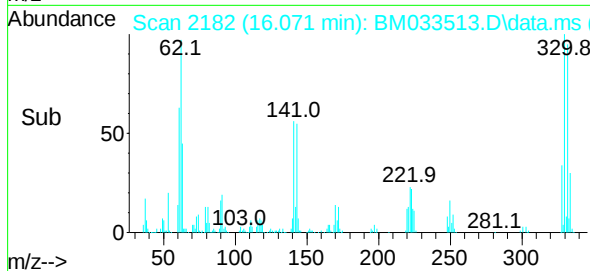
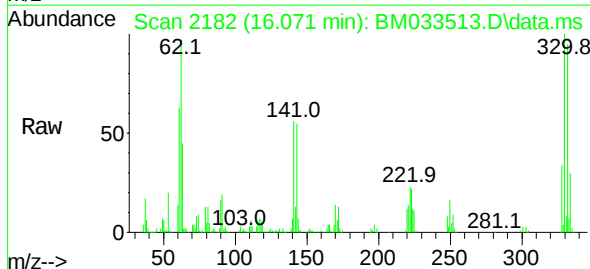
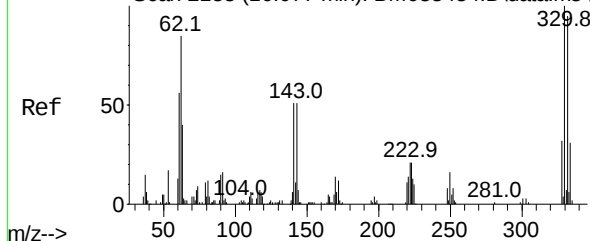
Concen: 140.495 ng

RT: 16.071 min Scan# 2182

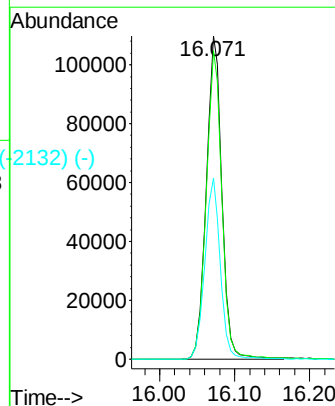
Delta R.T. -0.006 min

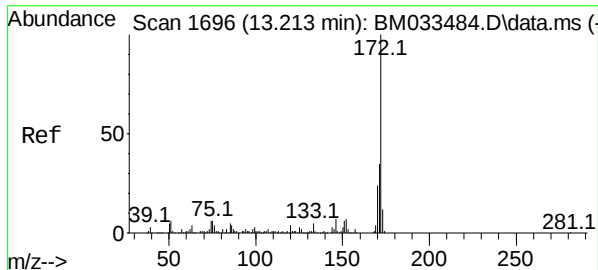
Lab File: BM033513.D

Acq: 17 Dec 2021 19:30



Tgt Ion:	330	Resp:	160117
Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.5	114.7
141	55.8	35.9	53.9#

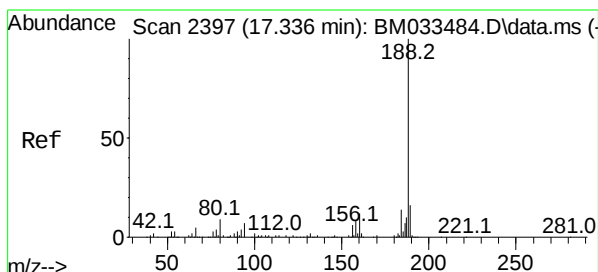
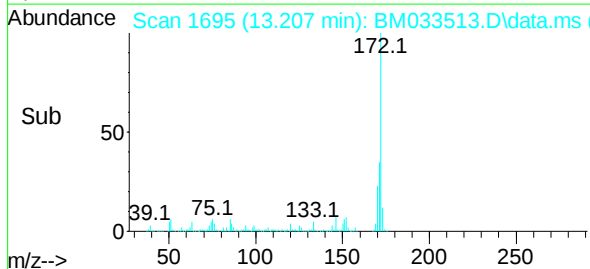
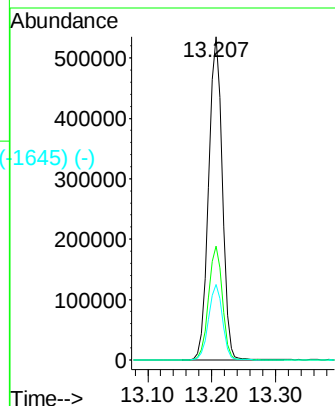
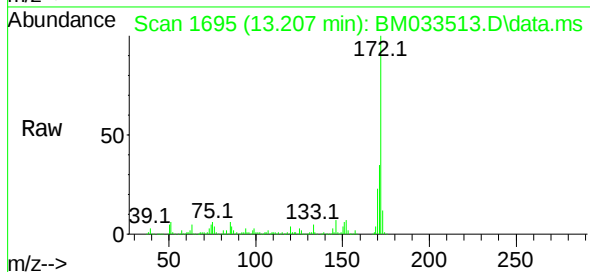




2-Fluorobiphenyl
Concen: 108.223 ng
RT: 13.207 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM033513.D
Acq: 17 Dec 2021 19:30

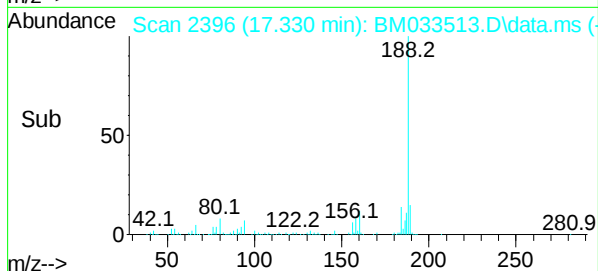
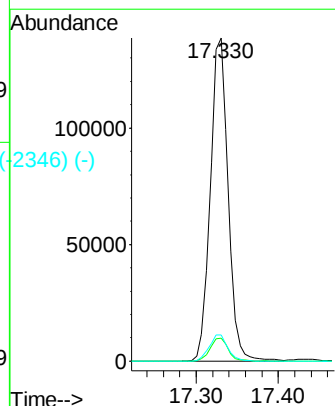
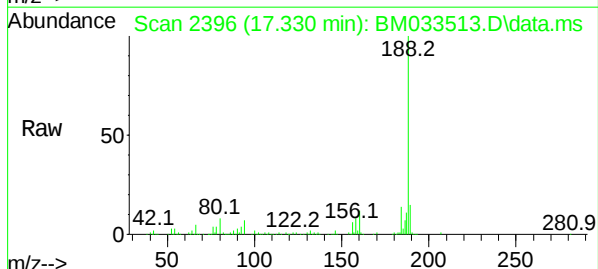
Instrument :
BNA_M
ClientSampleId :

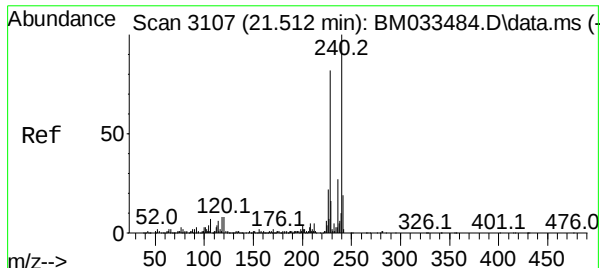
Tgt Ion:	172	Resp:	792624
Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.2	40.8
170	23.3	18.7	28.1



Phenanthrene-d10
Concen: 20.000 ng
RT: 17.330 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BM033513.D
Acq: 17 Dec 2021 19:30

Tgt Ion:	188	Resp:	208759
Ion	Ratio	Lower	Upper
188	100		
94	7.0	7.5	11.3#
80	8.1	8.9	13.3#

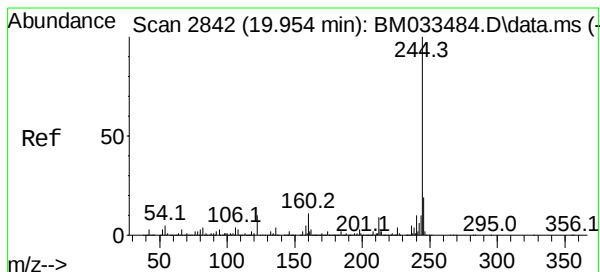
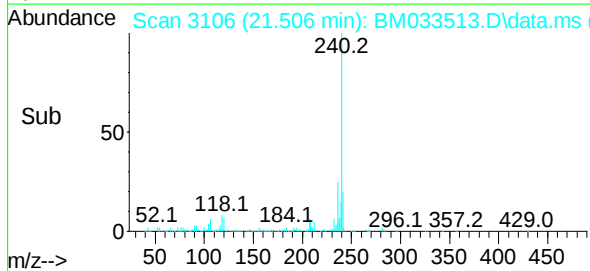
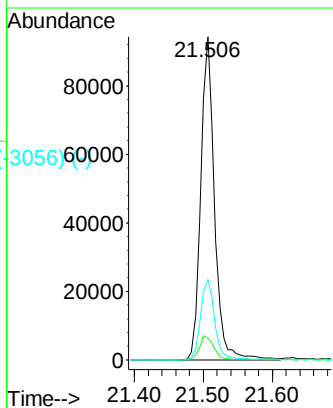
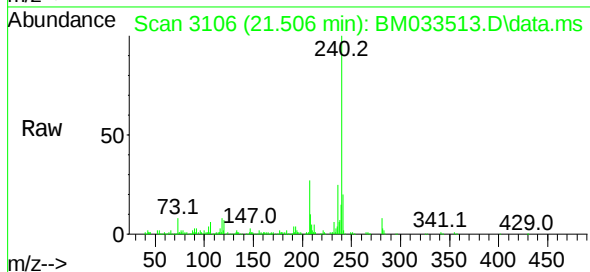




Chrysene-d12
 Concen: 20.000 ng
 RT: 21.506 min Scan# 3106
 Delta R.T. -0.006 min
 Lab File: BM033513.D
 Acq: 17 Dec 2021 19:30

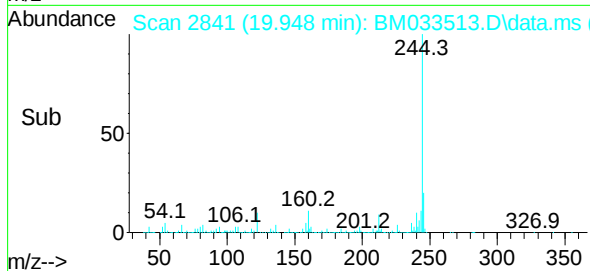
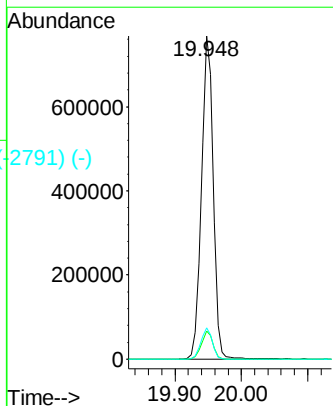
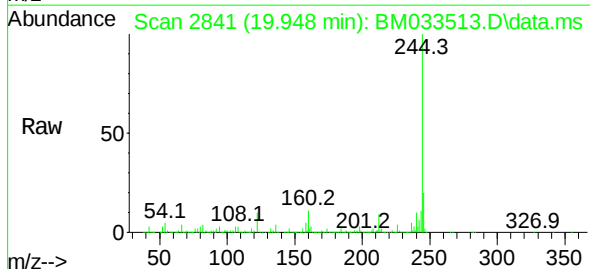
Instrument :
 BNA_M
 ClientSampleId :

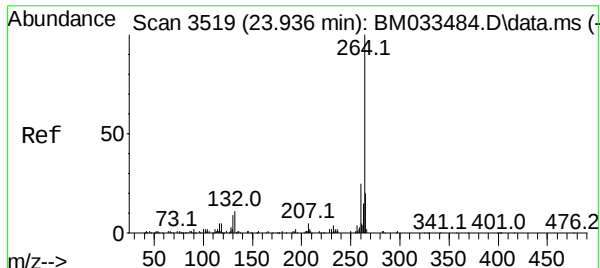
Tgt Ion:	240	Resp:	130193
Ion	Ratio	Lower	Upper
240	100		
120	6.8	7.8	11.6#
236	25.0	20.3	30.5



Terphenyl-d14
 Concen: 115.698 ng
 RT: 19.948 min Scan# 2841
 Delta R.T. -0.006 min
 Lab File: BM033513.D
 Acq: 17 Dec 2021 19:30

Tgt Ion:	244	Resp:	956795
Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.9	8.9
122	9.7	8.4	12.6

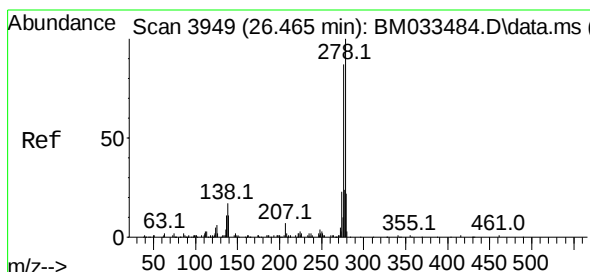
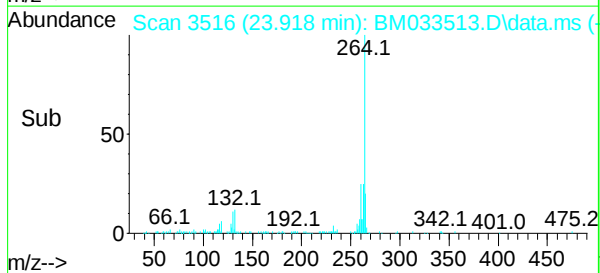
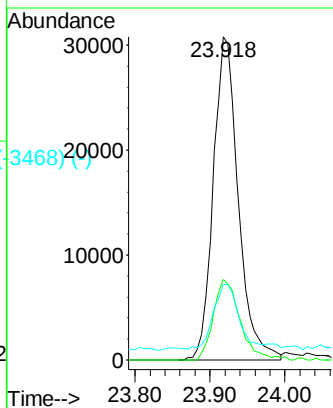
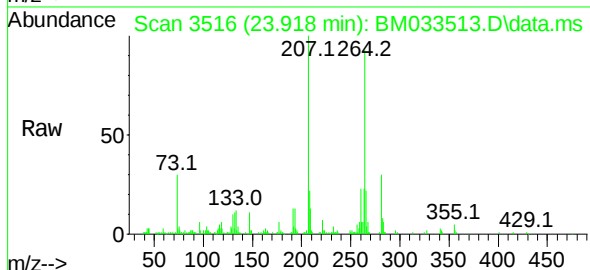




Perylene-d12
 Concen: 20.000 ng
 RT: 23.918 min Scan# 3516
 Delta R.T. -0.018 min
 Lab File: BM033513.D
 Acq: 17 Dec 2021 19:30

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:	264	Resp:	71047
Ion	Ratio	Lower	Upper
264	100		
260	25.0	17.7	26.5
265	23.4	17.7	26.5



Dibenzo(a,h)anthracene
 Concen: 2.545 ng
 RT: 26.465 min Scan# 3949
 Delta R.T. -0.000 min
 Lab File: BM033513.D
 Acq: 17 Dec 2021 19:30

Tgt Ion:	278	Resp:	6253
Ion	Ratio	Lower	Upper
278	100		
139	9.9	10.9	16.3#
279	26.2	17.7	26.5

