

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020122\
 Data File : BP008996.D
 Acq On : 01 Feb 2022 20:23
 Operator : CG/JU
 Sample : N1337-01DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SS-1DL

Quant Time: Feb 02 04:06:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 01 04:16:03 2022
 Response via : Initial Calibration

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

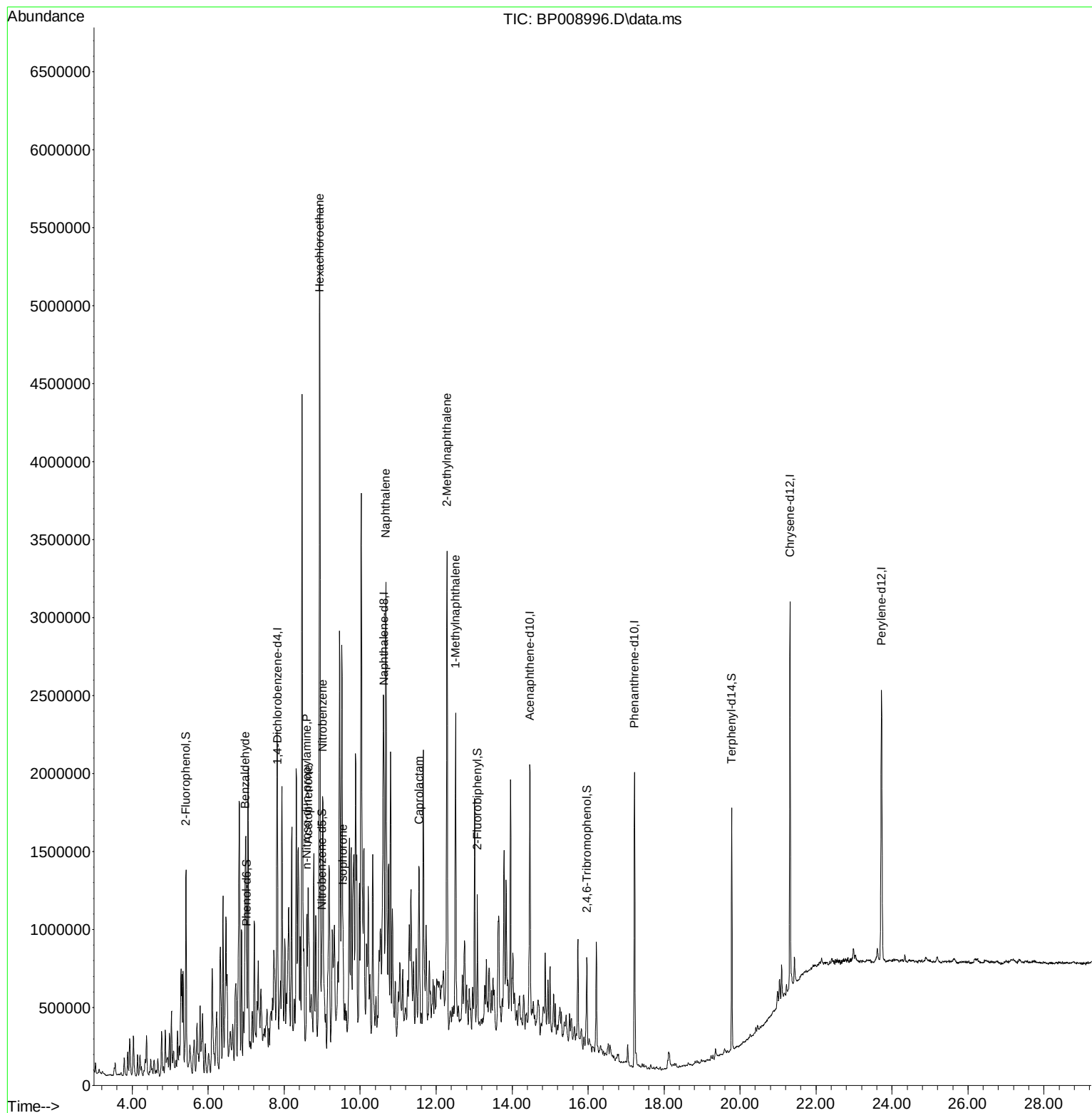
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	234358	20.000	ng	-0.01
21) Naphthalene-d8	10.622	136	899374	20.000	ng	#-0.01
39) Acenaphthene-d10	14.463	164	581244	20.000	ng	-0.01
64) Phenanthrene-d10	17.222	188	1255428	20.000	ng	-0.01
76) Chrysene-d12	21.316	240	1274045	20.000	ng	-0.01
86) Perylene-d12	23.721	264	1354773	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	242793	16.021	ng	0.00
7) Phenol-d6	7.011	99	294275	16.035	ng	0.00
23) Nitrobenzene-d5	8.987	82	209293	13.212	ng	-0.01
42) 2,4,6-Tribromophenol	15.963	330	136400	16.122	ng	-0.01
45) 2-Fluorobiphenyl	13.087	172	470819	10.682	ng	-0.01
79) Terphenyl-d14	19.781	244	755455	10.009	ng	-0.02
Target Compounds						
						Qvalue
9) Benzaldehyde	6.975	77	41007	3.343	ng	# 1
18) Hexachloroethane	8.934	117	441835	66.825	ng	# 1
19) n-Nitroso-di-n-propyla...	8.599	70	40759	3.799	ng	# 57
22) Acetophenone	8.628	105	628570	27.436	ng	# 61
24) Nitrobenzene	9.011	77	59374	3.711	ng	# 21
25) Isophorone	9.546	82	66582	2.326	ng	# 1
31) Naphthalene	10.675	128	1498134	30.669	ng	97
35) Caprolactam	11.552	113	8638	2.002	ng	# 1
37) 2-Methylnaphthalene	12.287	142	1484211	41.563	ng	98
38) 1-Methylnaphthalene	12.510	142	973463	29.699	ng	99

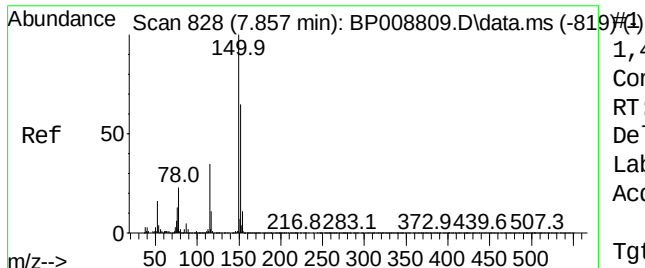
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.822 min Scan# 819

Delta R.T. -0.012 min

Lab File: BP008996.D

Acq: 01 Feb 2022 20:23

Instrument :

BNA_P

ClientSampleId :

SS-1DL

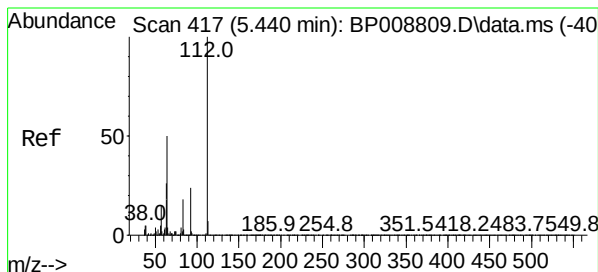
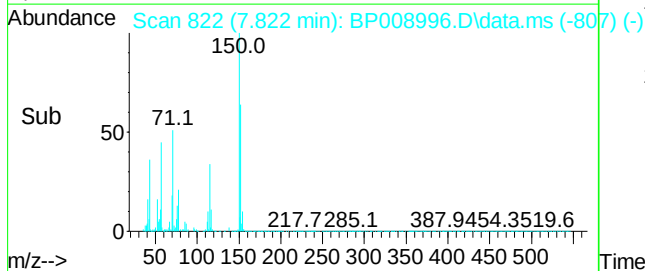
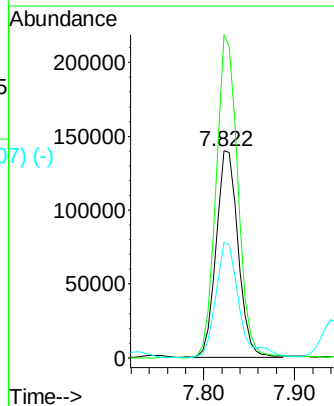
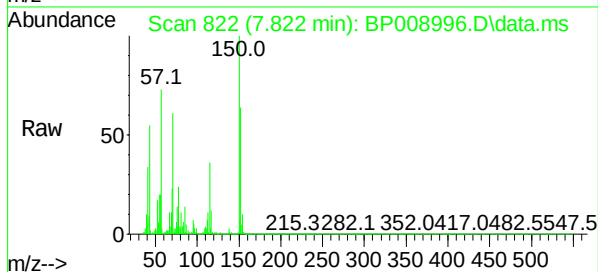
Tgt Ion:152 Resp: 234358

Ion Ratio Lower Upper

152 100

150 155.8 127.0 190.6

115 55.9 43.7 65.5



2-Fluorophenol

Concen: 16.021 ng

RT: 5.417 min Scan# 413

Delta R.T. -0.006 min

Lab File: BP008996.D

Acq: 01 Feb 2022 20:23

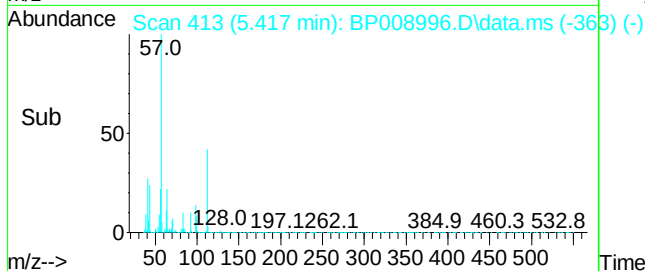
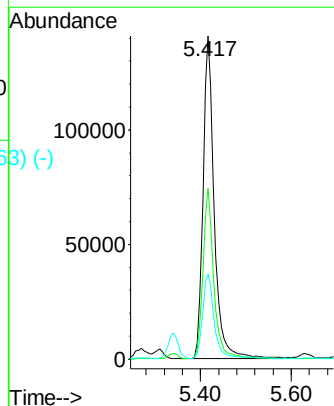
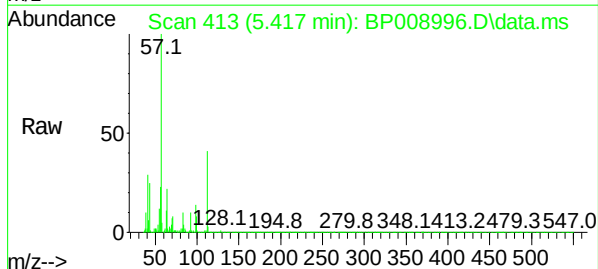
Tgt Ion:112 Resp: 242793

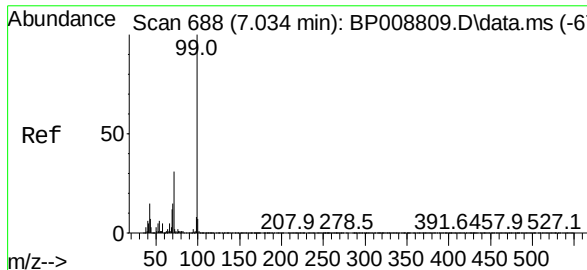
Ion Ratio Lower Upper

112 100

64 52.8 39.7 59.5

63 26.4 20.0 30.0





Phenol-d6

Concen: 16.035 ng

RT: 7.011 min Scan# 684

Delta R.T. -0.006 min

Lab File: BP008996.D

Acq: 01 Feb 2022 20:23

Instrument :

BNA_P

ClientSampleId :

SS-1DL

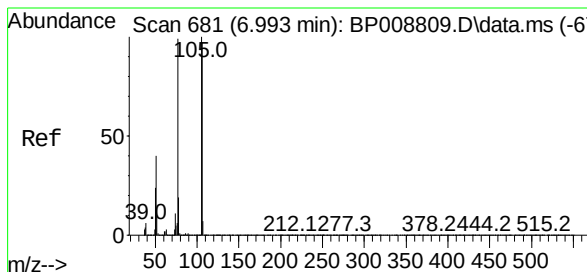
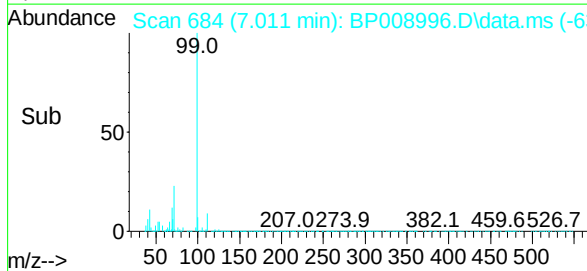
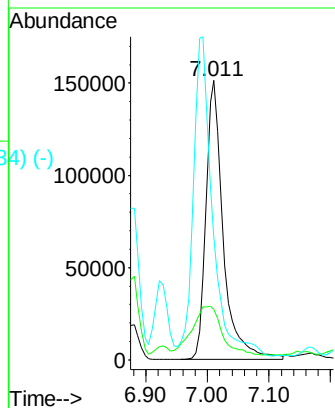
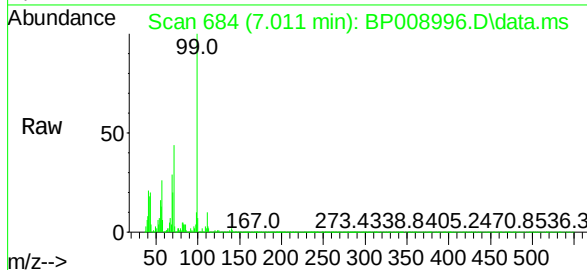
Tgt Ion: 99 Resp: 294275

Ion Ratio Lower Upper

99 100

42 18.2 10.8 16.2#

71 44.0 23.8 35.6#



Benzaldehyde

Concen: 3.343 ng

RT: 6.975 min Scan# 678

Delta R.T. 0.000 min

Lab File: BP008996.D

Acq: 01 Feb 2022 20:23

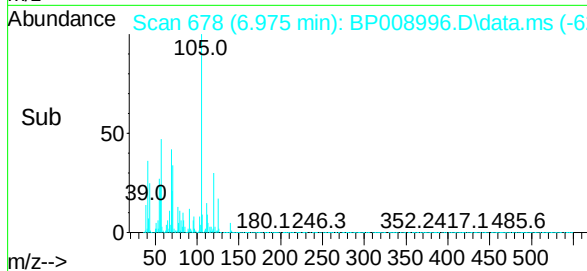
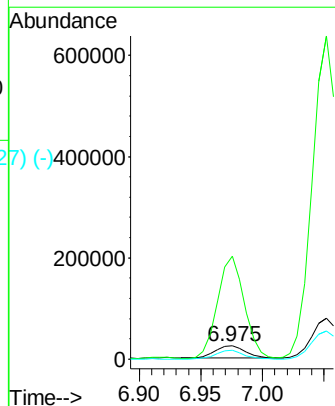
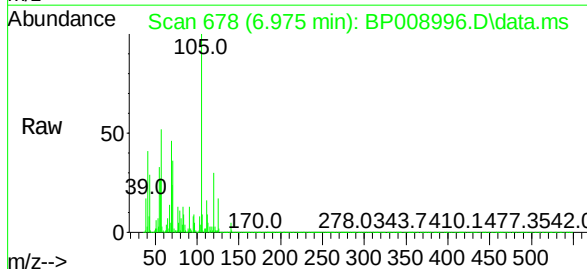
Tgt Ion: 77 Resp: 41007

Ion Ratio Lower Upper

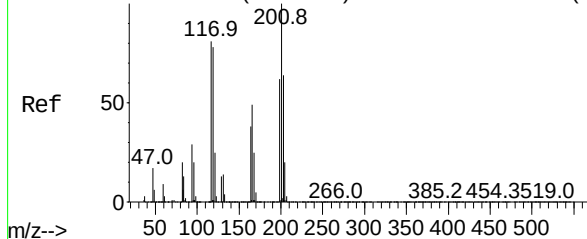
77 100

105 755.2 84.2 124.2#

106 67.1 80.6 120.6#



Abundance Scan 1012 (8.940 min): BP008809.D\data.ms (-10638)



Hexachloroethane

Concen: 66.825 ng

RT: 8.934 min Scan# 1

Delta R.T. 0.024 min

Lab File: BP008996.D

Acq: 01 Feb 2022 20:23

Instrument :

BNA_P

ClientSampleId :

SS-1DL

Tgt Ion:117 Resp: 441835

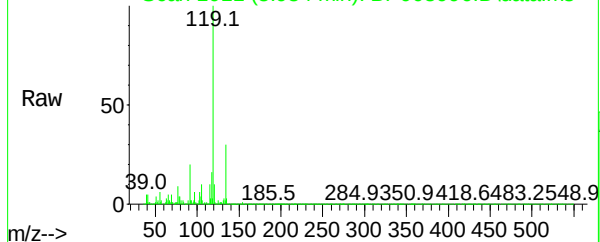
Ion Ratio Lower Upper

117 100

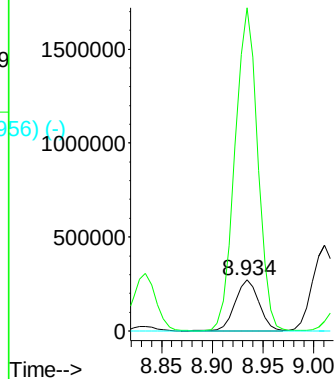
119 631.4 76.9 115.3#

201 0.0 93.7 140.5#

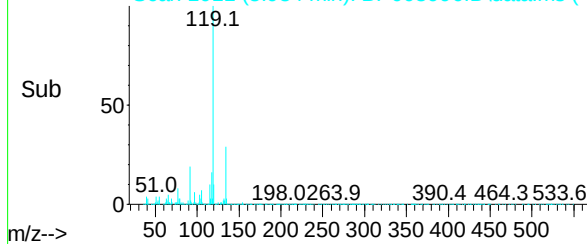
Abundance Scan 1011 (8.934 min): BP008996.D\data.ms



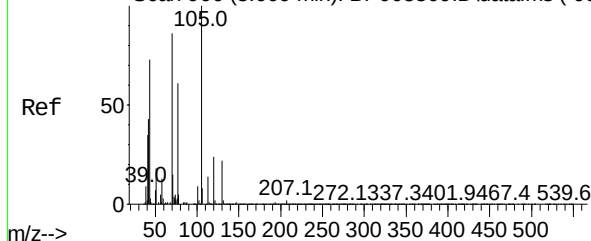
Abundance



Abundance Scan 1011 (8.934 min): BP008996.D\data.ms (-956) (-)



Abundance Scan 966 (8.669 min): BP008809.D\data.ms (-958) (-)



n-Nitroso-di-n-propylamine

Concen: 3.799 ng

RT: 8.599 min Scan# 954

Delta R.T. -0.047 min

Lab File: BP008996.D

Acq: 01 Feb 2022 20:23

Tgt Ion: 70 Resp: 40759

Ion Ratio Lower Upper

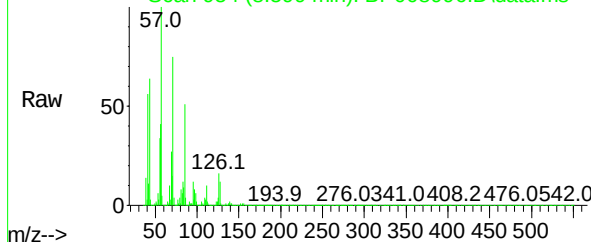
70 100

42 75.8 38.2 57.2#

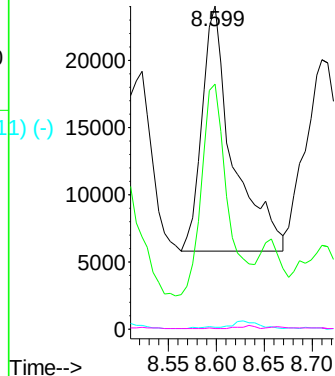
101 0.5 8.7 13.1#

130 0.2 21.0 31.6#

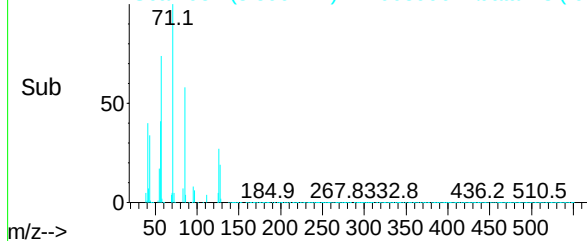
Abundance Scan 954 (8.599 min): BP008996.D\data.ms

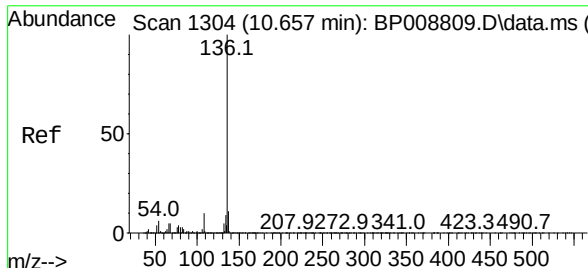


Abundance



Abundance Scan 954 (8.599 min): BP008996.D\data.ms (-911) (-)

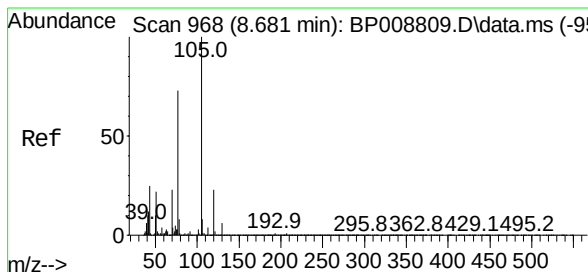
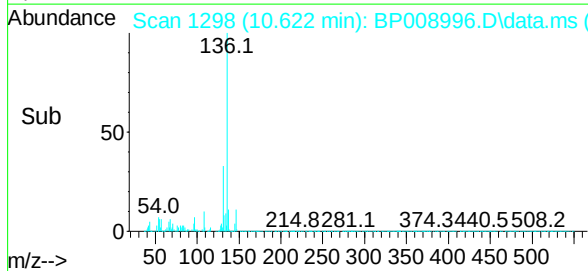
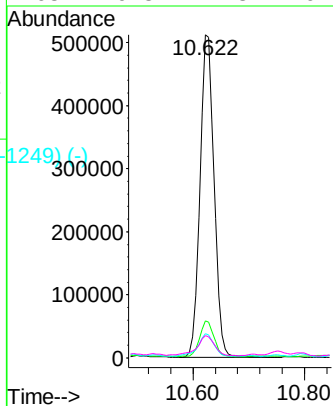
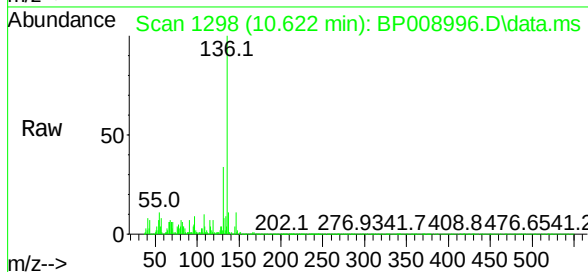




Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1298
Delta R.T. -0.011 min
Lab File: BP008996.D
Acq: 01 Feb 2022 20:23

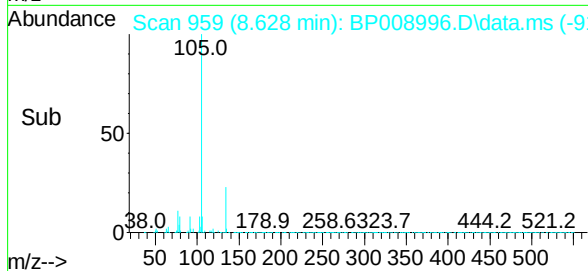
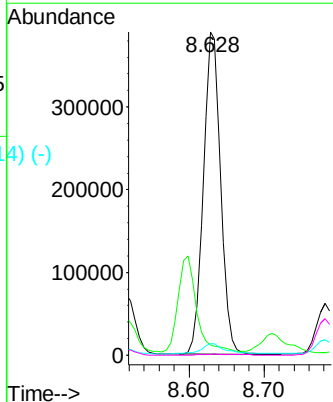
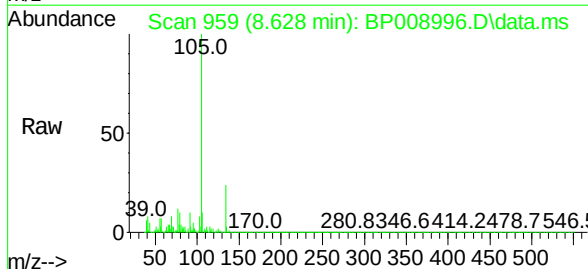
Instrument :
BNA_P
ClientSampleId :
SS-1DL

Tgt Ion:	136	Resp:	899374
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	7.4	4.9	7.3#
68	6.8	4.3	6.5#

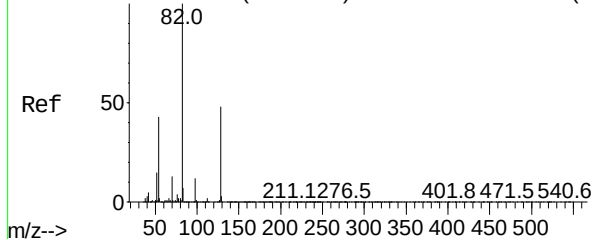


Acetophenone
Concen: 27.436 ng
RT: 8.628 min Scan# 959
Delta R.T. -0.035 min
Lab File: BP008996.D
Acq: 01 Feb 2022 20:23

Tgt Ion:	105	Resp:	628570
Ion	Ratio	Lower	Upper
105	100		
71	3.1	5.3	7.9#
51	3.5	16.3	24.5#
120	0.3	19.2	28.8#



Abundance Scan 1025 (9.016 min): BP008809.D\data.ms (-10#23-)



Nitrobenzene-d5

Concen: 13.212 ng

RT: 8.987 min Scan#

Delta R.T. -0.012 min

Lab File: BP008996.D

Acq: 01 Feb 2022 20:23

Instrument :

BNA_P

ClientSampleId :

SS-1DL

Tgt Ion: 82 Resp: 209293

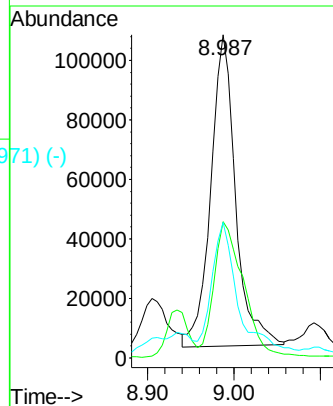
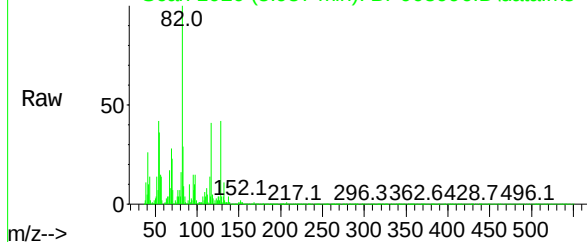
Ion Ratio Lower Upper

82 100

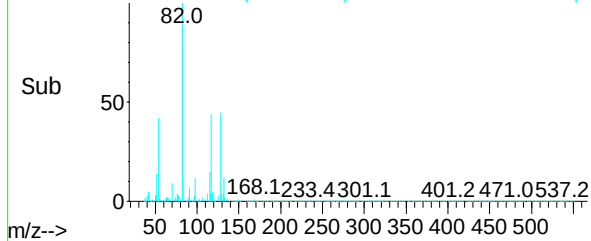
128 42.2 39.4 59.2

54 42.0 32.6 48.8

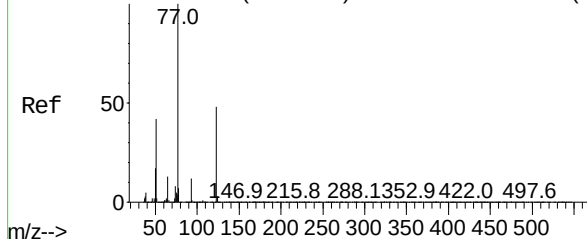
Abundance Scan 1020 (8.987 min): BP008996.D\data.ms



Abundance Scan 1020 (8.987 min): BP008996.D\data.ms (-971) (-)



Abundance Scan 1032 (9.057 min): BP008809.D\data.ms (-10#24-)



Nitrobenzene

Concen: 3.711 ng

RT: 9.011 min Scan# 1024

Delta R.T. -0.029 min

Lab File: BP008996.D

Acq: 01 Feb 2022 20:23

Tgt Ion: 77 Resp: 59374

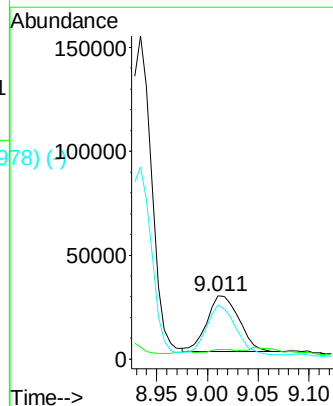
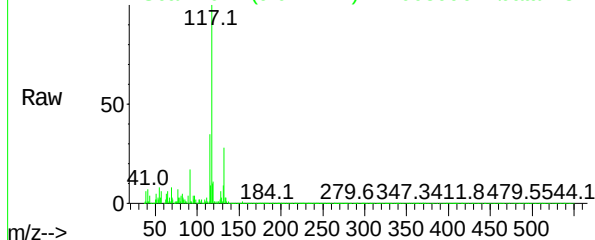
Ion Ratio Lower Upper

77 100

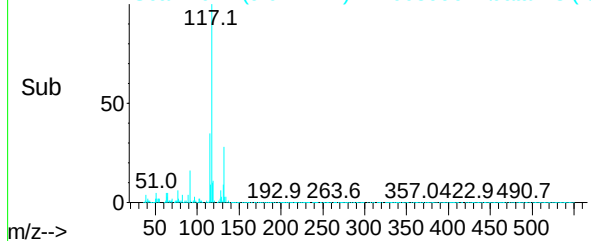
123 14.8 41.4 62.2#

65 85.6 9.8 14.8#

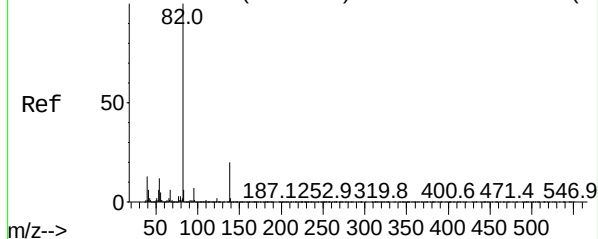
Abundance Scan 1024 (9.011 min): BP008996.D\data.ms



Abundance Scan 1024 (9.011 min): BP008996.D\data.ms (-978) (-)



Abundance Scan 1123 (9.592 min): BP008809.D\data.ms (-1125)



Isophorone

Concen: 2.326 ng

RT: 9.546 min Scan#

Delta R.T. -0.023 min

Lab File: BP008996.D

Acq: 01 Feb 2022 20:23

Instrument :

BNA_P

ClientSampleId :

SS-1DL

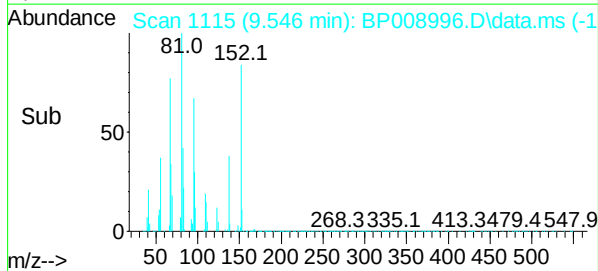
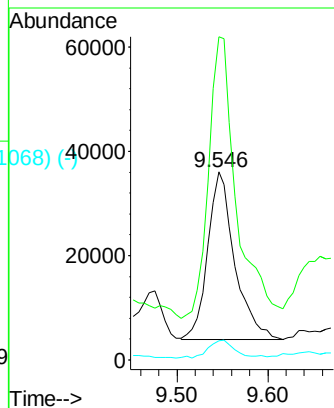
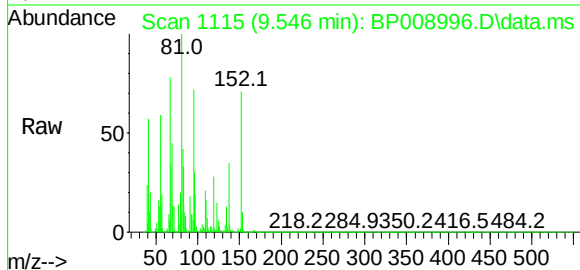
Tgt Ion: 82 Resp: 66582

Ion Ratio Lower Upper

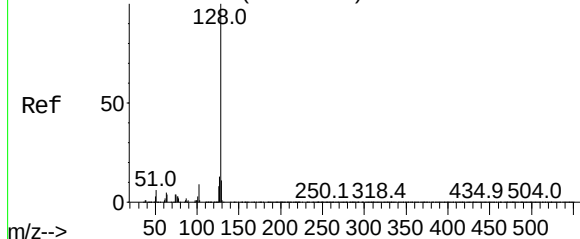
82 100

95 171.8 5.4 8.2#

138 10.2 16.6 24.8#



Abundance Scan 1313 (10.710 min): BP008809.D\data.ms (-1301)



Naphthalene

Concen: 30.669 ng

RT: 10.675 min Scan# 1307

Delta R.T. -0.012 min

Lab File: BP008996.D

Acq: 01 Feb 2022 20:23

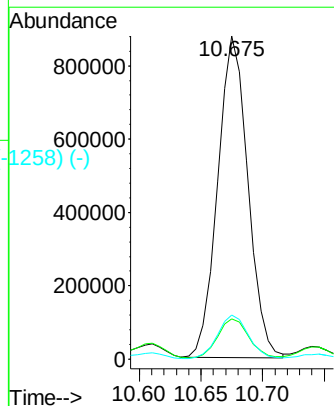
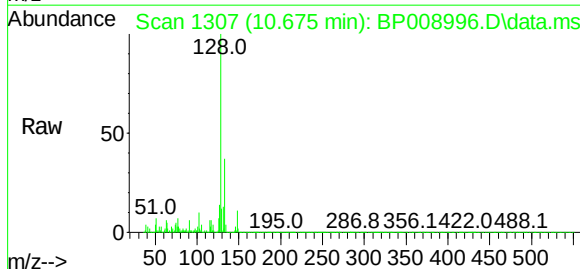
Tgt Ion:128 Resp: 1498134

Ion Ratio Lower Upper

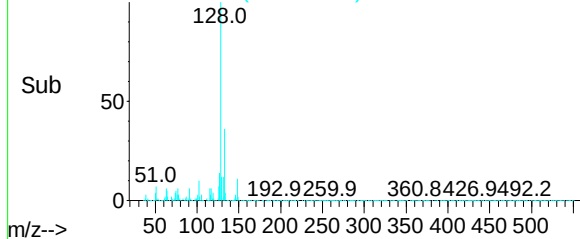
128 100

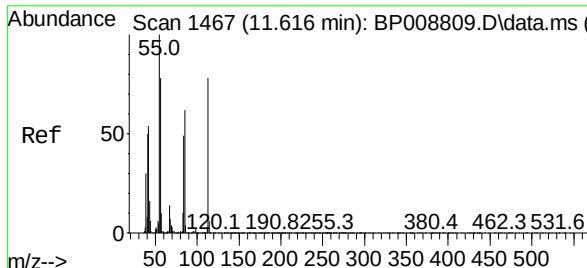
129 12.4 8.8 13.2

127 13.7 10.4 15.6



Abundance Scan 1307 (10.675 min): BP008996.D\data.ms (-1258) (-)

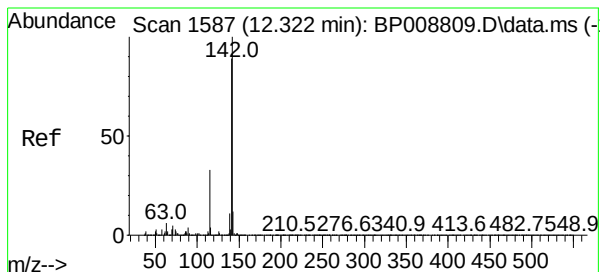
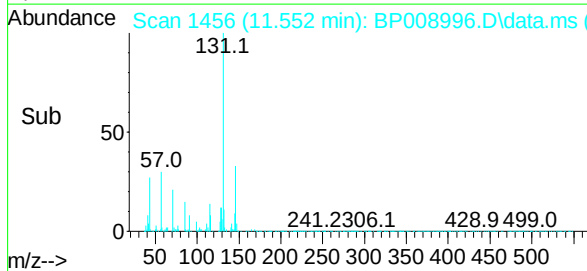
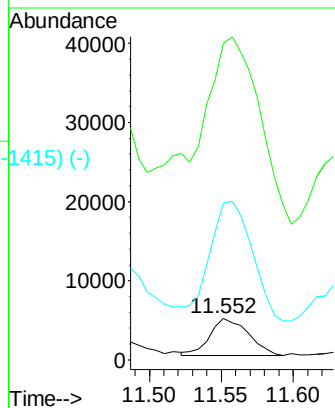
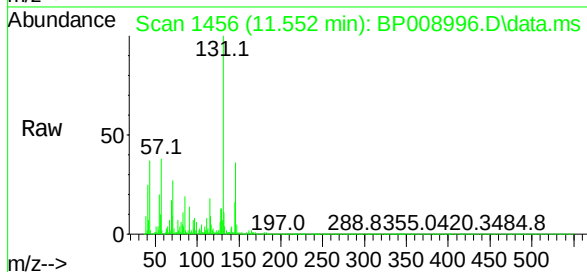




Caprolactam
Concen: 2.002 ng
RT: 11.552 min Scan# 1435
Delta R.T. -0.059 min
Lab File: BP008996.D
Acq: 01 Feb 2022 20:23

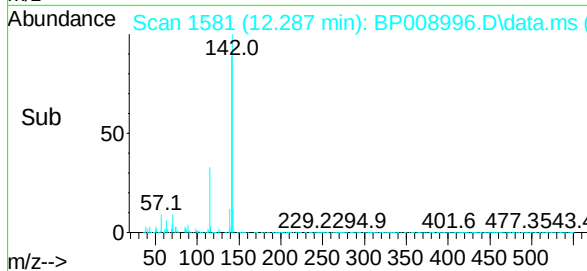
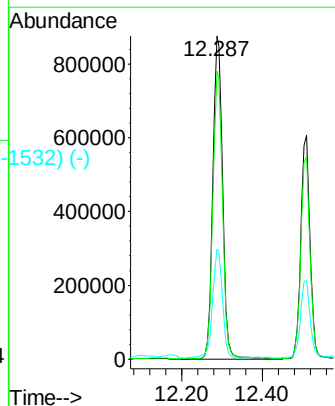
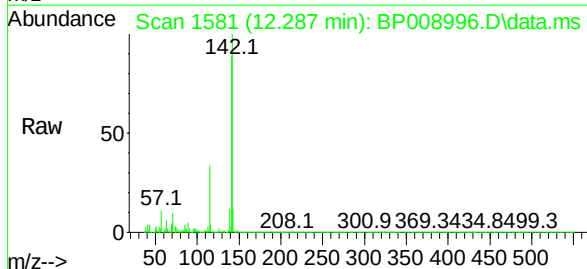
Instrument :
BNA_P
ClientSampleId :
SS-1DL

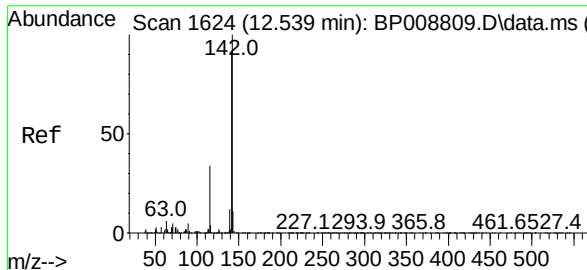
Tgt Ion:113 Resp: 8638
Ion Ratio Lower Upper
113 100
55 762.4 107.1 147.1#
56 376.7 74.1 114.1#



2-Methylnaphthalene
Concen: 41.563 ng
RT: 12.287 min Scan# 1581
Delta R.T. -0.011 min
Lab File: BP008996.D
Acq: 01 Feb 2022 20:23

Tgt Ion:142 Resp: 1484211
Ion Ratio Lower Upper
142 100
141 89.1 70.5 105.7
115 34.1 24.6 36.8

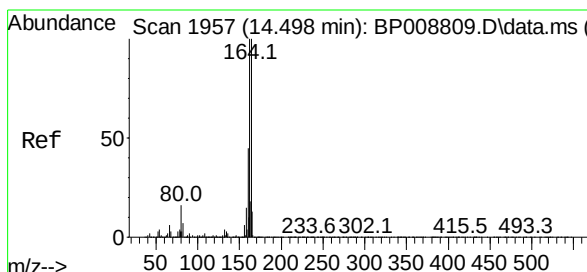
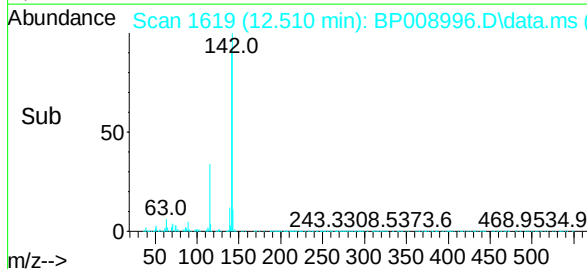
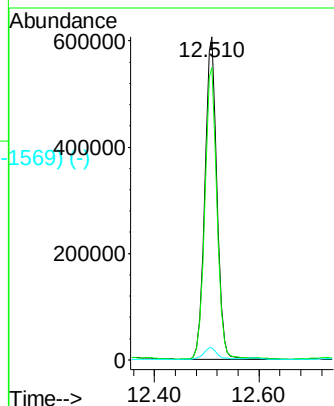
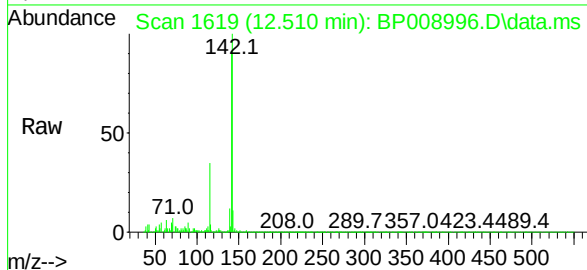




1-Methylnaphthalene
 Concen: 29.699 ng
 RT: 12.510 min Scan# 1619
 Delta R.T. -0.006 min
 Lab File: BP008996.D
 Acq: 01 Feb 2022 20:23

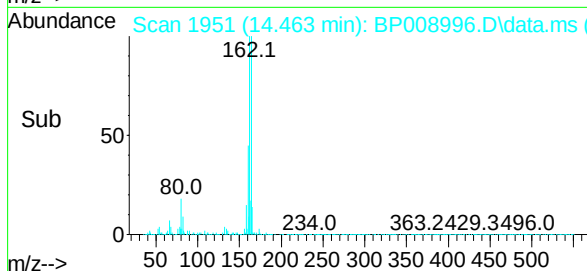
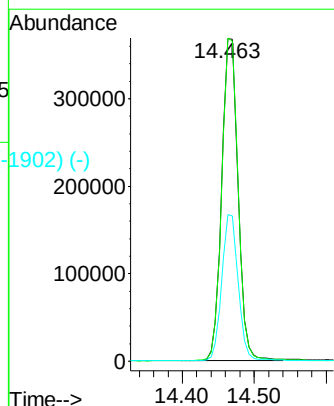
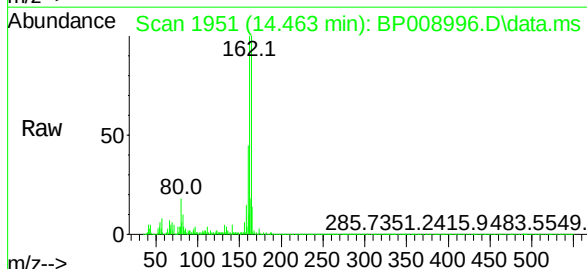
Instrument :
 BNA_P
 ClientSampleId :
 SS-1DL

Tgt Ion:	142	Resp:	973463
Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.2	109.8
116	3.8	2.7	4.1



Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.463 min Scan# 1951
 Delta R.T. -0.012 min
 Lab File: BP008996.D
 Acq: 01 Feb 2022 20:23

Tgt Ion:	164	Resp:	581244
Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.9	119.9
160	45.3	35.5	53.3



Abundance Scan 2211 (15.992 min): BP008809.D\data.ms (-2157) (-)

2,4,6-Tribromophenol

Concen: 16.122 ng

RT: 15.963 min Scan# 1

Delta R.T. -0.011 min

Lab File: BP008996.D

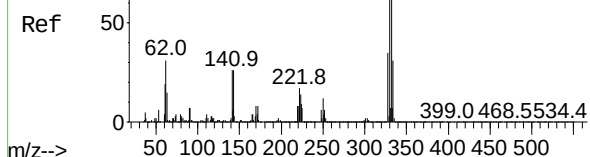
Acq: 01 Feb 2022 20:23

Instrument :

BNA_P

ClientSampleId :

SS-1DL



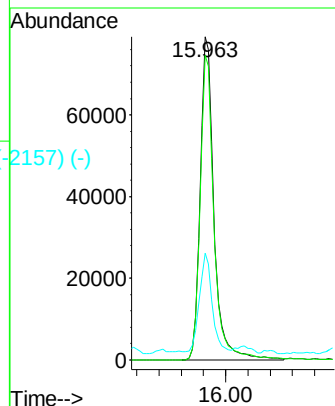
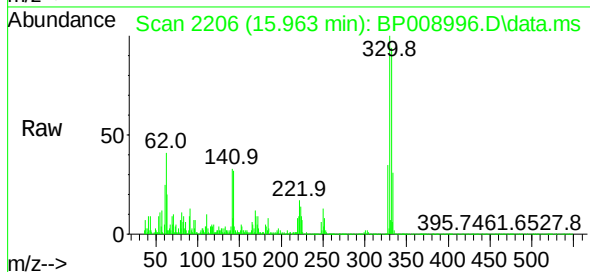
Tgt Ion:330 Resp: 136400

Ion Ratio Lower Upper

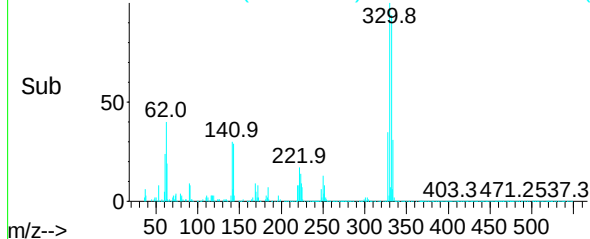
330 100

332 95.8 77.0 115.4

141 29.5 21.3 31.9



Abundance Scan 2206 (15.963 min): BP008996.D\data.ms (-2157) (-)



Abundance Scan 1723 (13.122 min): BP008809.D\data.ms (-1715) (-)

2-Fluorobiphenyl

Concen: 10.682 ng

RT: 13.087 min Scan# 1717

Delta R.T. -0.011 min

Lab File: BP008996.D

Acq: 01 Feb 2022 20:23

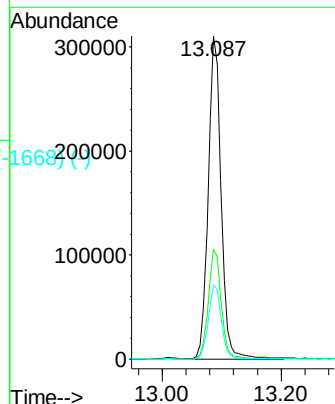
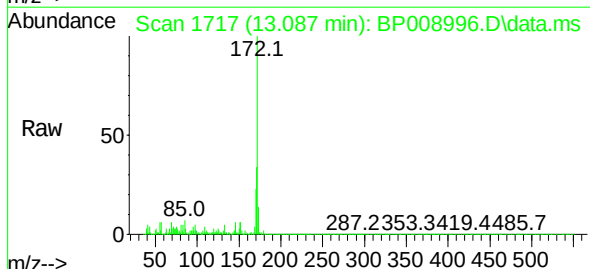
Tgt Ion:172 Resp: 470819

Ion Ratio Lower Upper

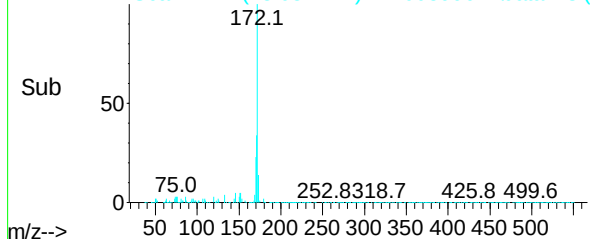
172 100

171 34.1 29.3 43.9

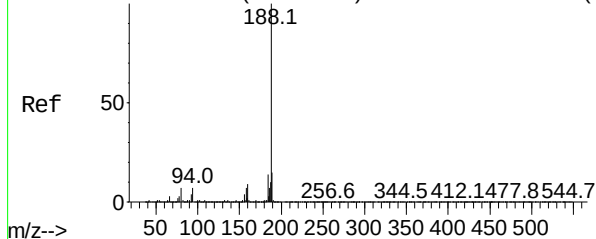
170 23.0 19.5 29.3



Abundance Scan 1717 (13.087 min): BP008996.D\data.ms (-1668) (-)



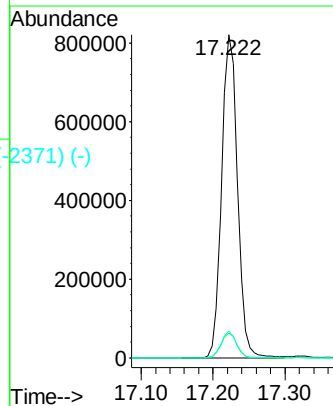
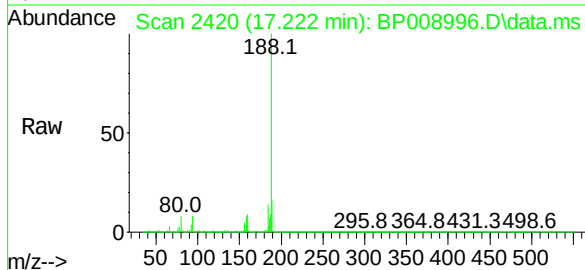
Abundance Scan 2425 (17.251 min): BP008809.D\data.ms (-2418) (-)



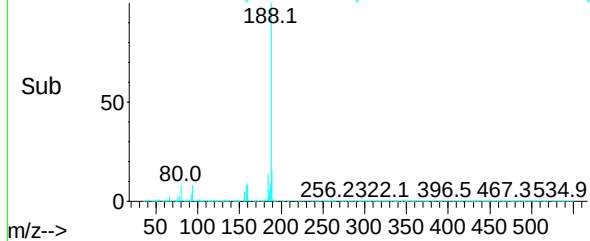
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2418
Delta R.T. -0.012 min
Lab File: BP008996.D
Acq: 01 Feb 2022 20:23

Instrument :
BNA_P
ClientSampleId :
SS-1DL

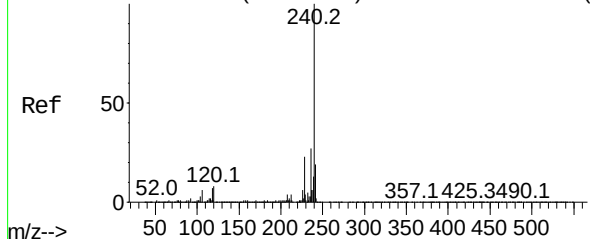
Tgt Ion:188 Resp: 1255428
Ion Ratio Lower Upper
188 100
94 7.7 6.8 10.2
80 8.4 7.2 10.8



Abundance Scan 2420 (17.222 min): BP008996.D\data.ms (-2371) (-)

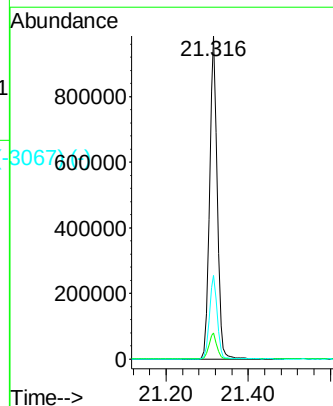
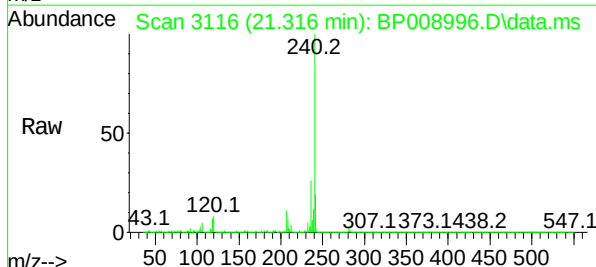


Abundance Scan 3121 (21.345 min): BP008809.D\data.ms (-3116) (-)

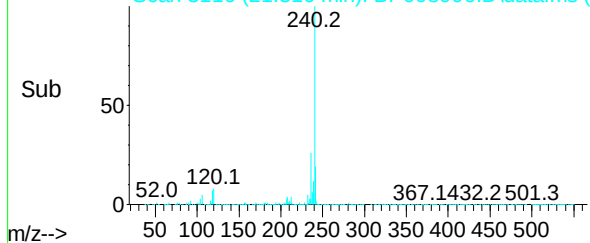


Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3116
Delta R.T. -0.011 min
Lab File: BP008996.D
Acq: 01 Feb 2022 20:23

Tgt Ion:240 Resp: 1274045
Ion Ratio Lower Upper
240 100
120 8.1 7.7 11.5
236 26.0 21.2 31.8



Abundance Scan 3116 (21.316 min): BP008996.D\data.ms (-3067) (-)



Abundance Scan 2861 (19.815 min): BP008809.D\data.ms (-2859) (-)

Terphenyl-d14

Concen: 10.009 ng

RT: 19.781 min Scan# 2855

Delta R.T. -0.017 min

Lab File: BP008996.D

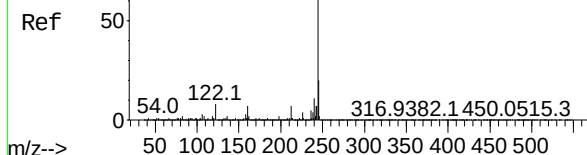
Acq: 01 Feb 2022 20:23

Instrument :

BNA_P

ClientSampleId :

SS-1DL



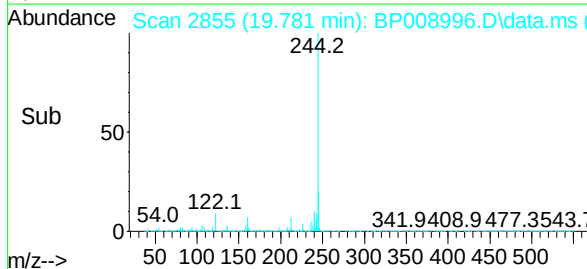
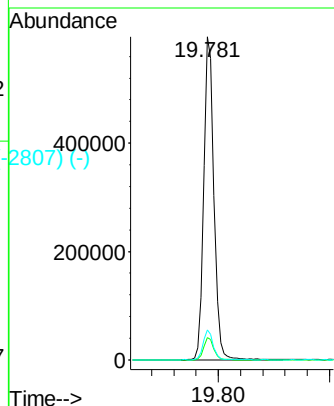
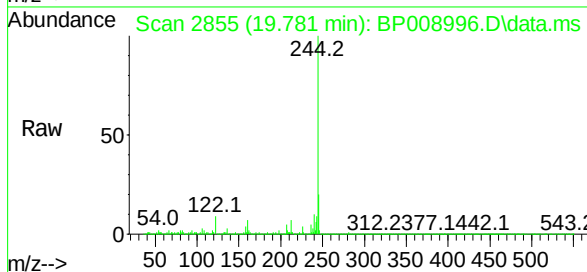
Tgt Ion:244 Resp: 755455

Ion Ratio Lower Upper

244 100

212 6.9 6.5 9.7

122 9.4 9.2 13.8



Abundance Scan 3532 (23.762 min): BP008809.D\data.ms (-3526) (-)

Perylene-d12

Concen: 20.000 ng

RT: 23.721 min Scan# 3525

Delta R.T. -0.017 min

Lab File: BP008996.D

Acq: 01 Feb 2022 20:23

Tgt Ion:264 Resp: 1354773

Ion Ratio Lower Upper

264 100

260 24.9 19.1 28.7

265 21.8 17.1 25.7

