

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112021\
 Data File : BP008061.D
 Acq On : 20 Nov 2021 17:09
 Operator : CG/JU
 Sample : M4736-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-202

Quant Time: Nov 22 05:32:28 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 20 00:21:11 2021
 Response via : Initial Calibration

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

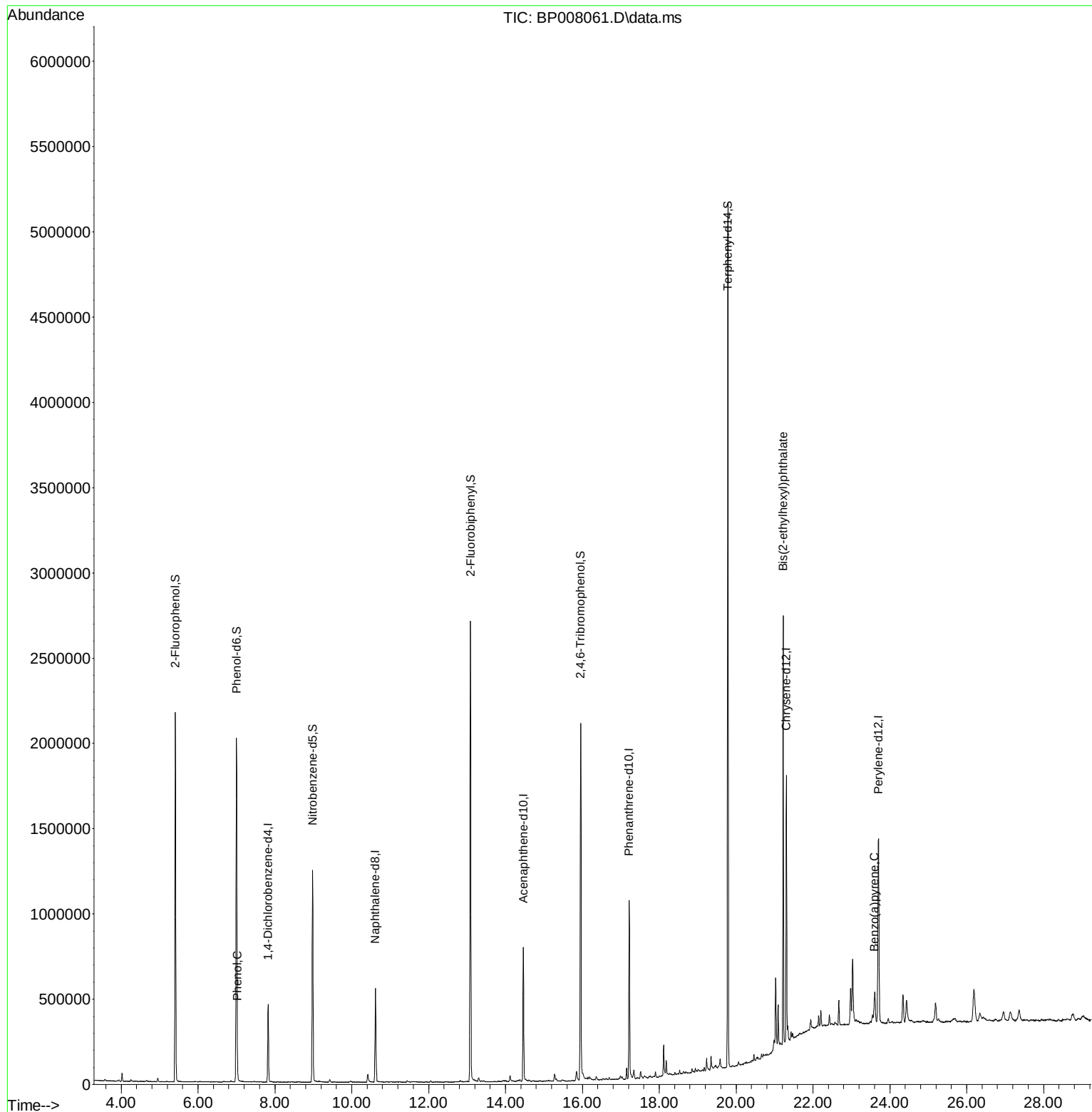
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	115251	20.00	ng	0.00
21) Naphthalene-d8	10.616	136	429152	20.00	ng	-0.01
39) Acenaphthene-d10	14.463	164	279958	20.00	ng	0.00
64) Phenanthrene-d10	17.216	188	626536	20.00	ng	-0.01
76) Chrysene-d12	21.310	240	743830	20.00	ng	-0.01
86) Perylene-d12	23.704	264	827489	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	832193	123.42	ng	0.00
7) Phenol-d6	6.999	99	1073236	114.83	ng	-0.01
23) Nitrobenzene-d5	8.981	82	714614	75.54	ng	-0.01
42) 2,4,6-Tribromophenol	15.957	330	394311	111.30	ng	-0.01
45) 2-Fluorobiphenyl	13.087	172	1421506	79.51	ng	0.00
79) Terphenyl-d14	19.786	244	2459563	65.01	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	7.005	77	2336	Below Cal	#	10
10) Phenol	7.022	94	22987	2.30	ng	84
58) Fluorene	15.522	166	621	Below Cal	#	65
61) 4-Chlorophenyl-phenyle...	15.369	204	45	Below Cal		95
82) 3,3'-Dichlorobenzidine	21.222	252	716	Below Cal	#	43
84) Bis(2-ethylhexyl)phtha...	21.227	149	801423	28.07	ng	99
90) Benzo(a)pyrene	23.598	252	87922	2.03	ng	# 96

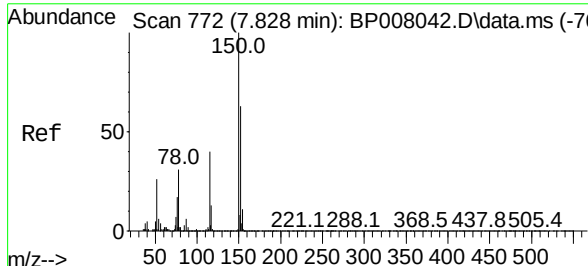
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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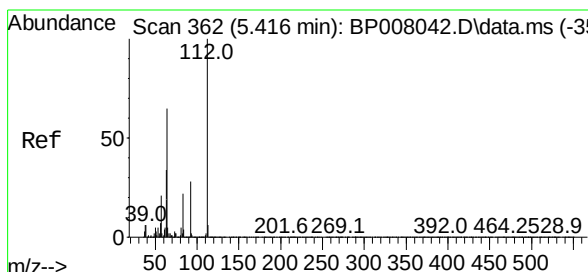
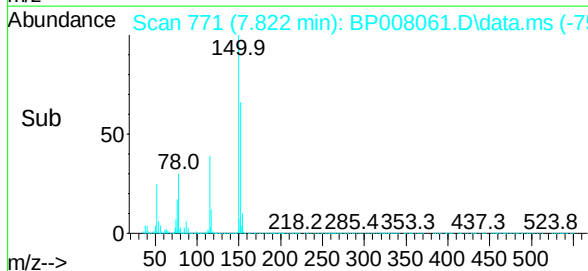
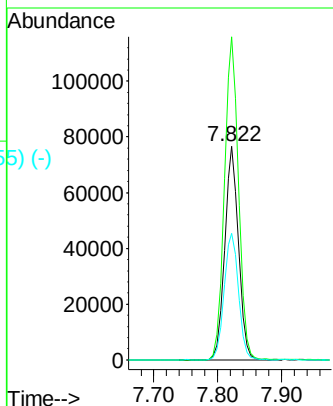
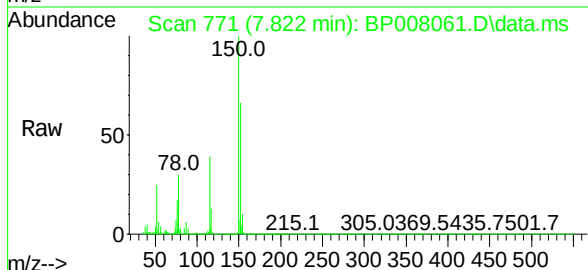




1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.822 min Scan#
 Delta R.T. -0.006 min
 Lab File: BP008061.D
 Acq: 20 Nov 2021 17:09

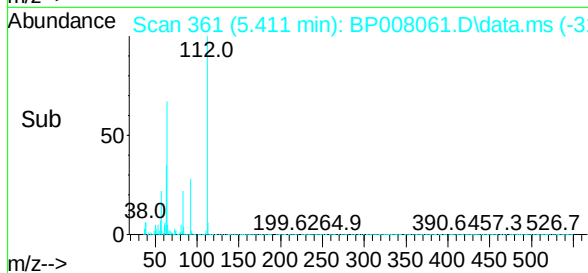
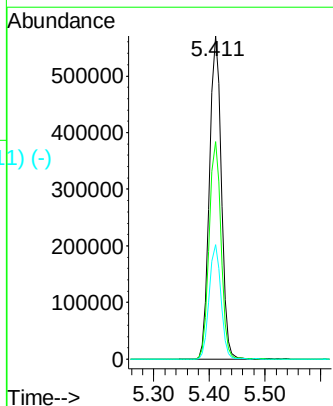
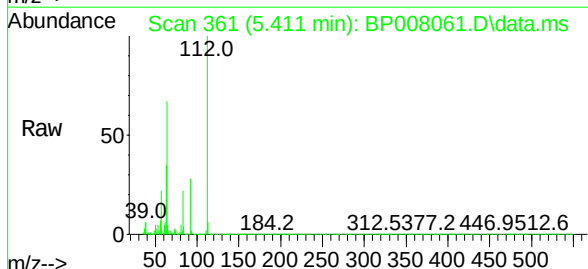
Instrument :
 BNA_P
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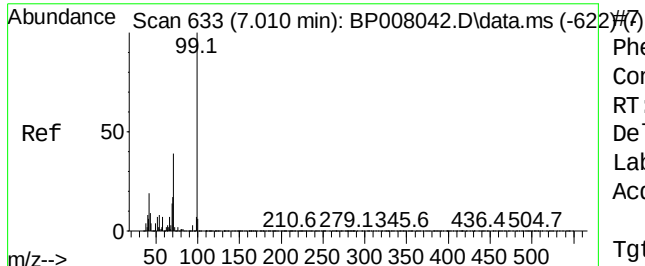
Tgt Ion:	152	Resp:	115251
Ion	Ratio	Lower	Upper
152	100		
150	151.2	126.5	189.7
115	59.1	50.6	75.8



2-Fluorophenol
 Concen: 123.42 ng
 RT: 5.411 min Scan# 361
 Delta R.T. -0.005 min
 Lab File: BP008061.D
 Acq: 20 Nov 2021 17:09

Tgt Ion:	112	Resp:	832193
Ion	Ratio	Lower	Upper
112	100		
64	67.4	51.7	77.5
63	35.4	27.4	41.0





Phenol-d6

Concen: 114.83 ng

RT: 6.999 min Scan# 631

Delta R.T. -0.011 min

Lab File: BP008061.D

Acq: 20 Nov 2021 17:09

Instrument :

BNA_P

ClientSampleId :

VNJ-202

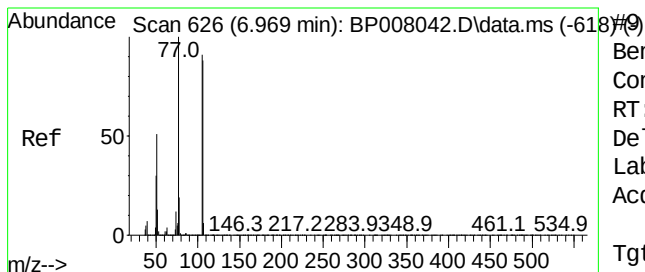
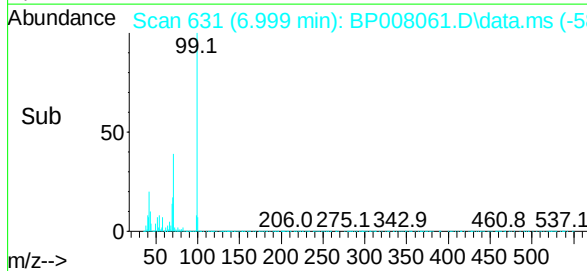
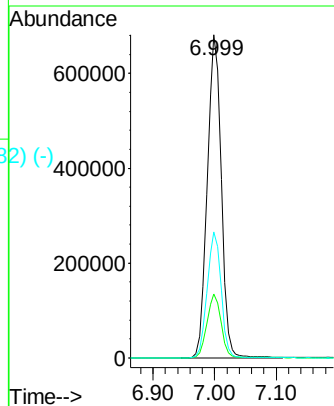
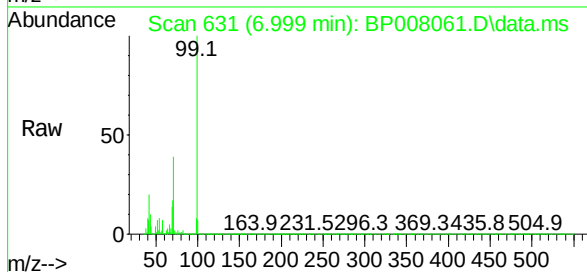
Tgt Ion: 99 Resp: 1073236

Ion Ratio Lower Upper

99 100

42 19.8 15.4 23.2

71 39.0 31.0 46.6



Benzaldehyde

Concen: Below Cal

RT: 7.005 min Scan# 632

Delta R.T. 0.036 min

Lab File: BP008061.D

Acq: 20 Nov 2021 17:09

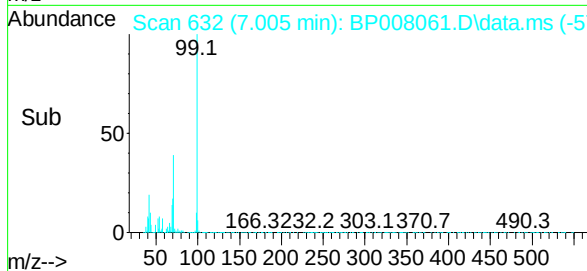
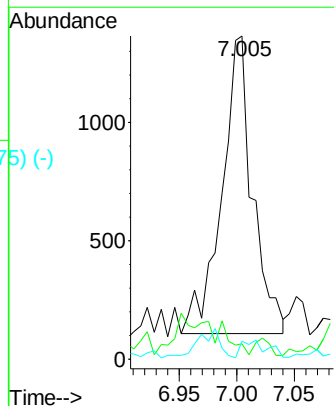
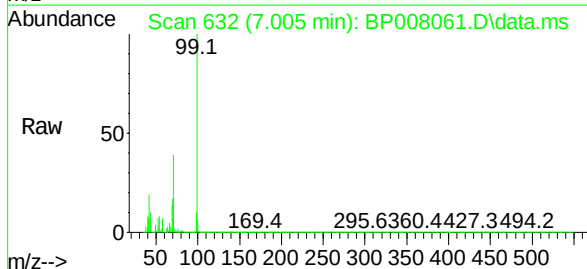
Tgt Ion: 77 Resp: 2336

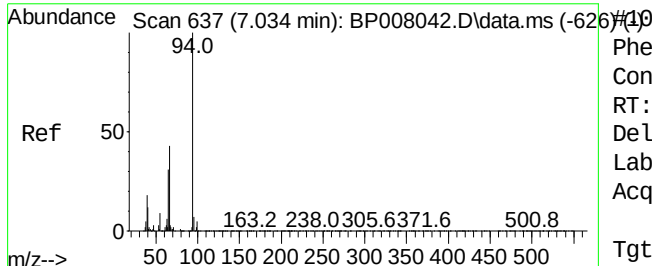
Ion Ratio Lower Upper

77 100

105 4.7 71.5 111.5#

106 5.4 67.9 107.9#





Phenol

Concen: 2.30 ng

RT: 7.022 min Scan# 129

Delta R.T. -0.011 min

Lab File: BP008061.D

Acq: 20 Nov 2021 17:09

Instrument :

BNA_P

ClientSampleId :

VNJ-202

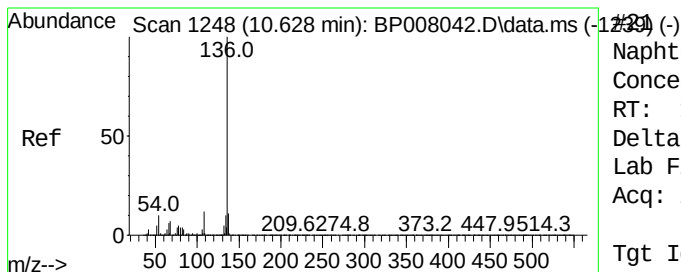
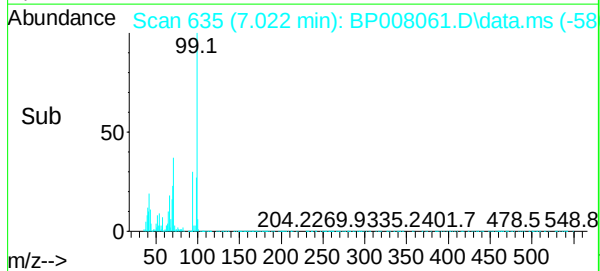
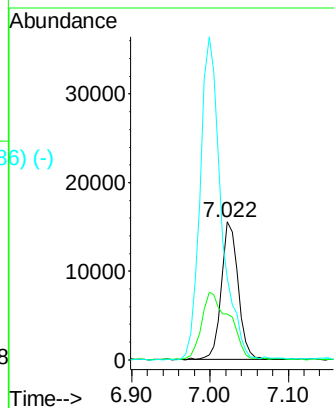
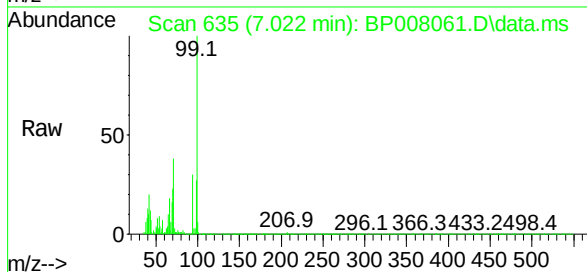
Tgt Ion: 94 Resp: 22987

Ion Ratio Lower Upper

94 100

65 33.3 11.5 51.5

66 59.5 23.5 63.5



Naphthalene-d8

Concen: 20.00 ng

RT: 10.616 min Scan# 1246

Delta R.T. -0.012 min

Lab File: BP008061.D

Acq: 20 Nov 2021 17:09

Tgt Ion:136 Resp: 429152

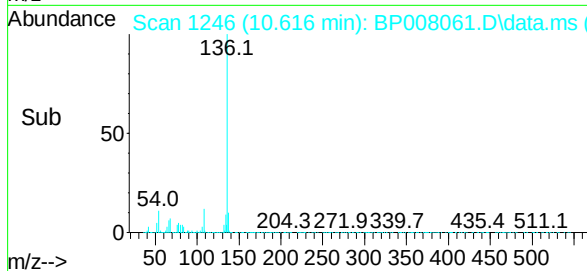
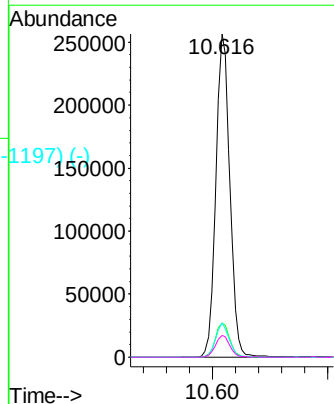
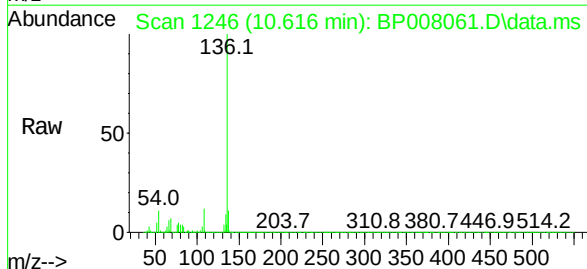
Ion Ratio Lower Upper

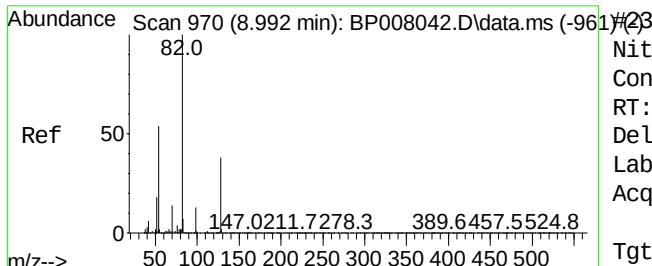
136 100

137 10.5 8.7 13.1

54 10.6 8.0 12.0

68 6.7 5.2 7.8





Nitrobenzene-d5

Concen: 75.54 ng

RT: 8.981 min Scan# 968

Delta R.T. -0.011 min

Lab File: BP008061.D

Acq: 20 Nov 2021 17:09

Instrument :

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ClientSampleId :

VNJ-202

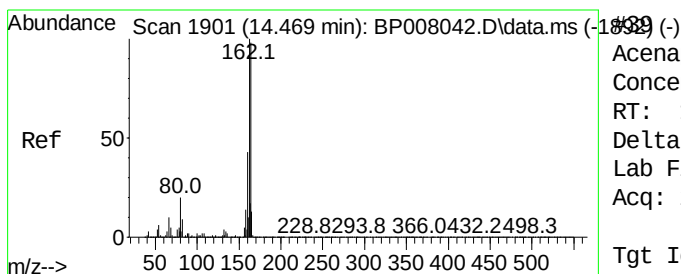
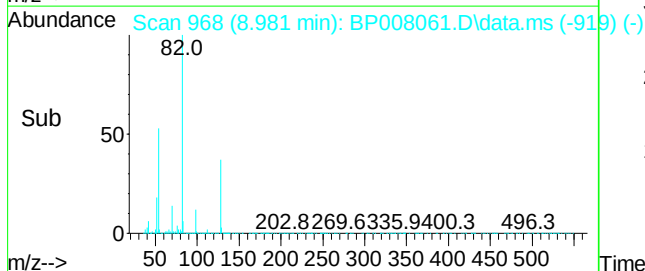
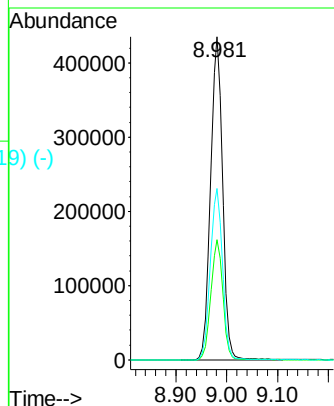
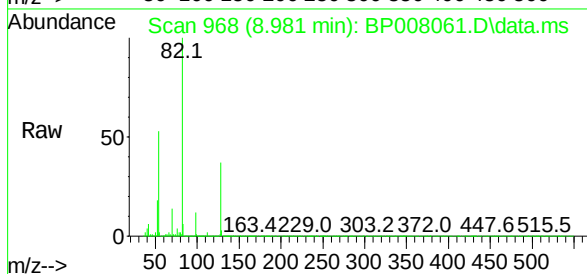
Tgt Ion: 82 Resp: 714614

Ion Ratio Lower Upper

82 100

128 37.2 30.2 45.2

54 53.2 43.1 64.7



Acenaphthene-d10

Concen: 20.00 ng

RT: 14.463 min Scan# 1900

Delta R.T. -0.006 min

Lab File: BP008061.D

Acq: 20 Nov 2021 17:09

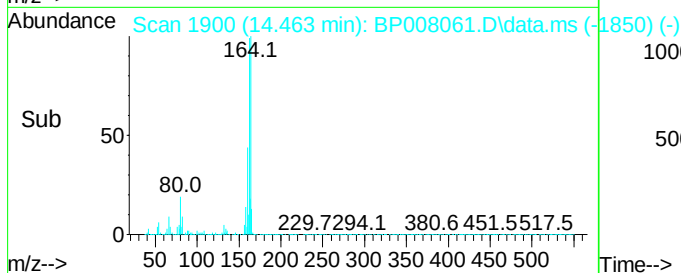
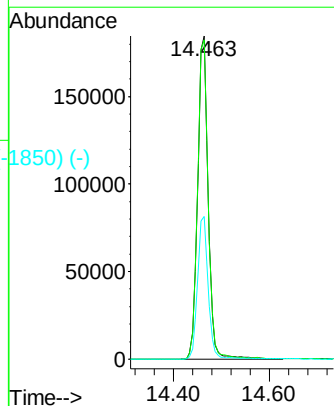
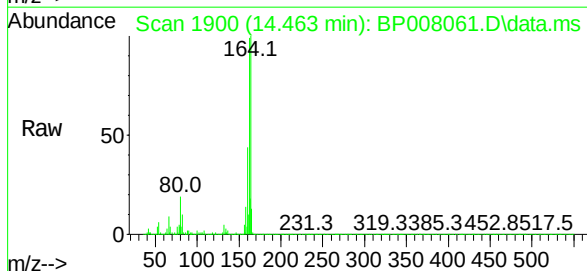
Tgt Ion:164 Resp: 279958

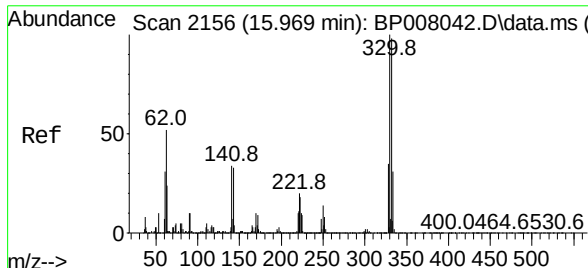
Ion Ratio Lower Upper

164 100

162 98.8 81.8 122.8

160 44.2 35.1 52.7

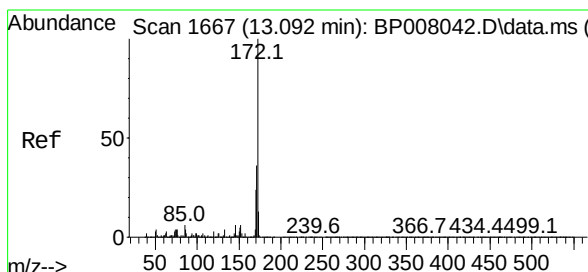
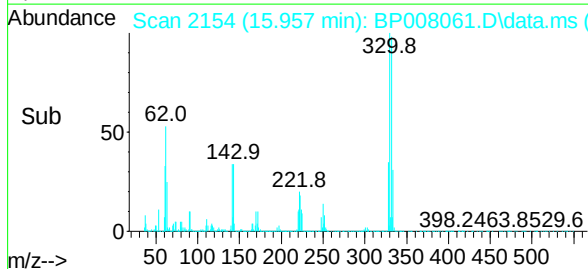
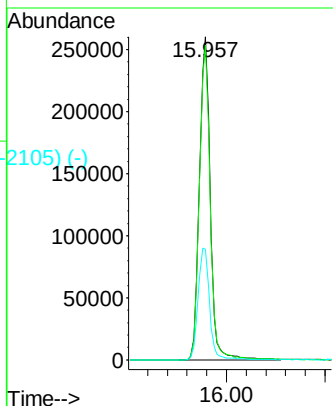
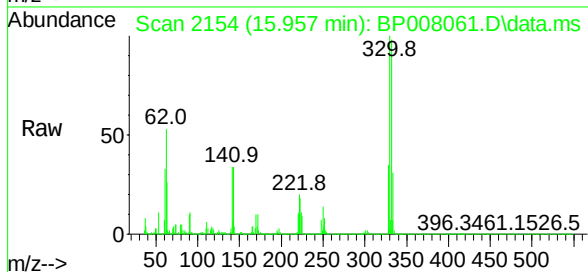




Scan 2156 (15.969 min): BP008042.D\data.ms (-2148) (-)
 2,4,6-Tribromophenol
 Concen: 111.30 ng
 RT: 15.957 min Scan# 1
 Delta R.T. -0.012 min
 Lab File: BP008061.D
 Acq: 20 Nov 2021 17:09

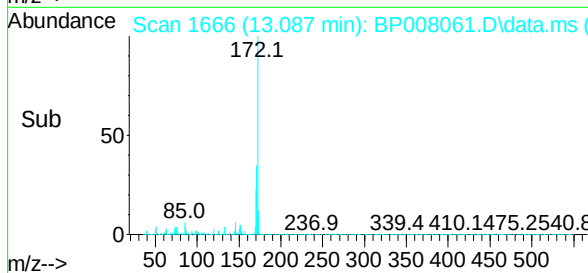
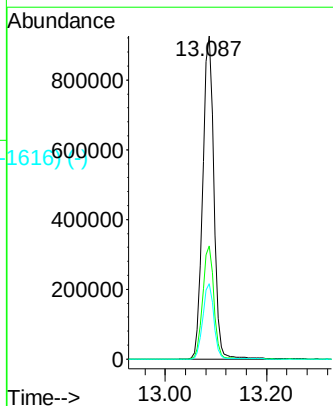
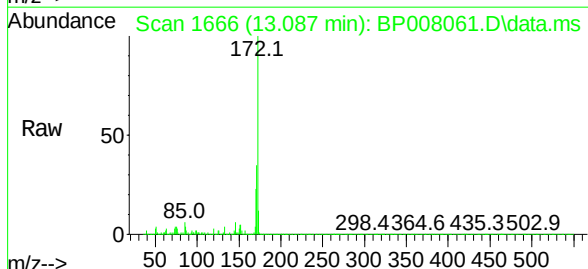
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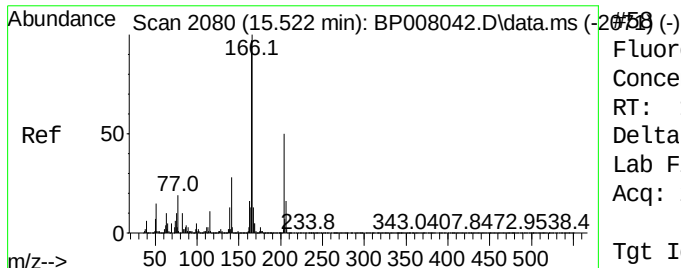
Tgt Ion:	330	Resp:	394311
Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.0	117.0
141	36.7	29.6	44.4



Scan 1667 (13.092 min): BP008042.D\data.ms (-1655) (-)
 2-Fluorobiphenyl
 Concen: 79.51 ng
 RT: 13.087 min Scan# 1666
 Delta R.T. -0.005 min
 Lab File: BP008061.D
 Acq: 20 Nov 2021 17:09

Tgt Ion:	172	Resp:	1421506
Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.3	19.0	28.4





#59 (-)

Fluorene

Concen: Below Cal

RT: 15.522 min Scan# 2080

Delta R.T. -0.000 min

Lab File: BP008061.D

Acq: 20 Nov 2021 17:09

Instrument :

BNA_P

ClientSampleId :

VNJ-202

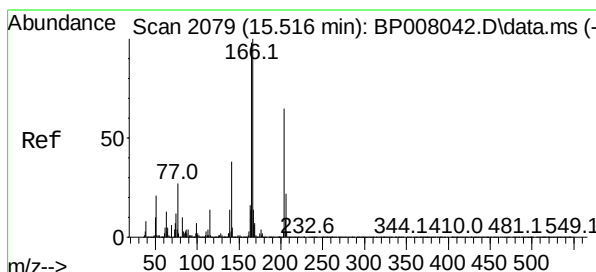
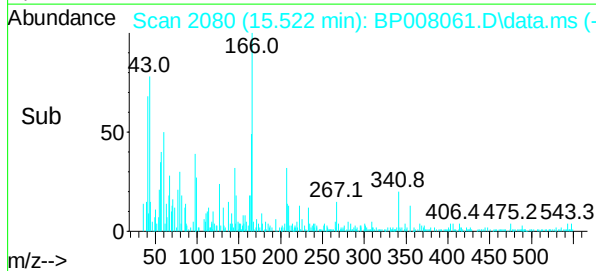
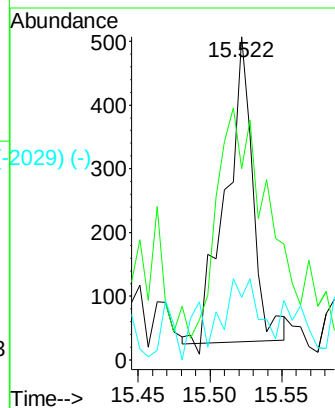
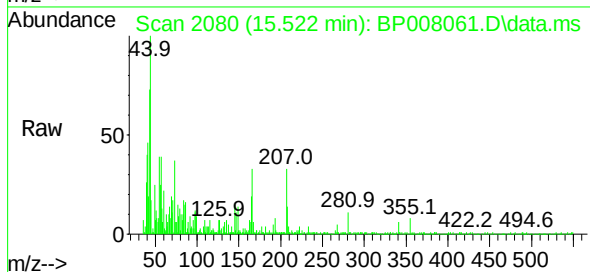
Tgt Ion:166 Resp: 621

Ion Ratio Lower Upper

166 100

165 59.2 77.4 116.0#

167 19.3 10.7 16.1#



#60 (-)

4-Chlorophenyl-phenylether

Concen: Below Cal

RT: 15.369 min Scan# 2054

Delta R.T. -0.147 min

Lab File: BP008061.D

Acq: 20 Nov 2021 17:09

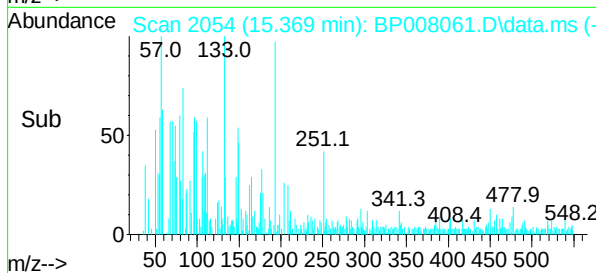
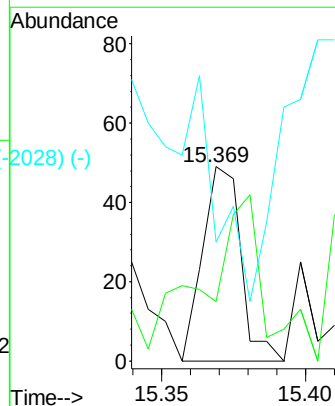
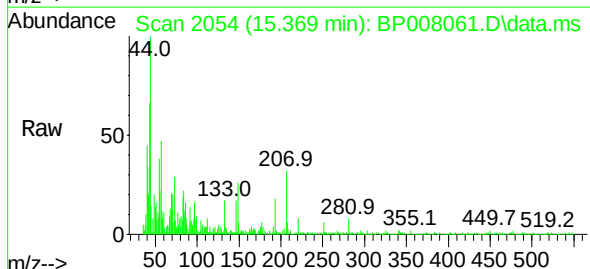
Tgt Ion:204 Resp: 45

Ion Ratio Lower Upper

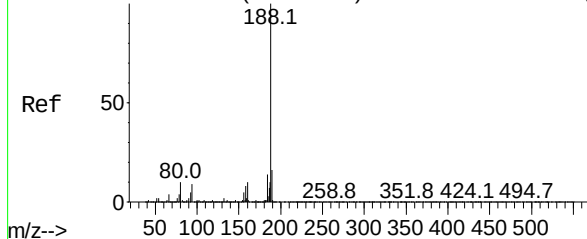
204 100

206 30.6 27.3 40.9

141 61.2 46.7 70.1



Abundance Scan 2370 (17.227 min): BP008042.D\data.ms (-2369) (-)



Phenanthrene-d10

Concen: 20.00 ng

RT: 17.216 min Scan# 1

Delta R.T. -0.011 min

Lab File: BP008061.D

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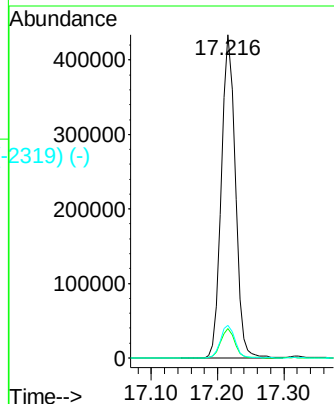
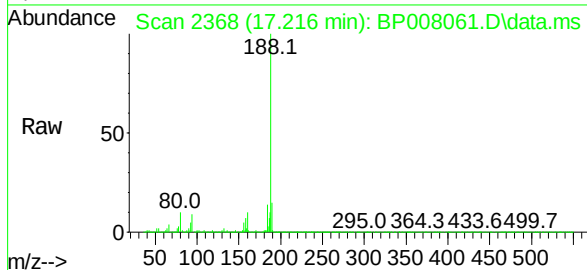
Tgt Ion:188 Resp: 626536

Ion Ratio Lower Upper

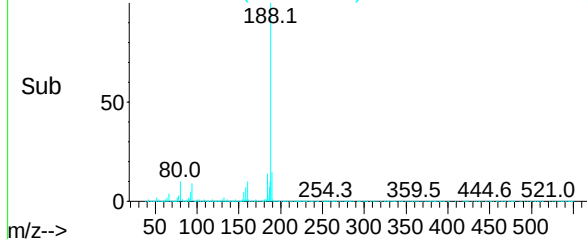
188 100

94 9.1 7.1 10.7

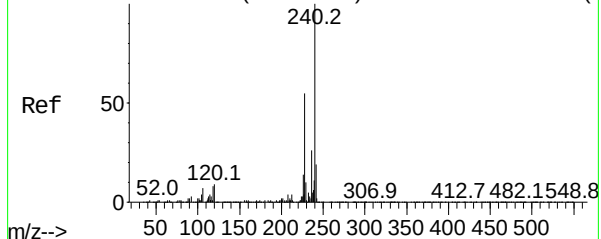
80 10.0 8.1 12.1



Abundance Scan 2368 (17.216 min): BP008061.D\data.ms (-2319) (-)



Abundance Scan 3066 (21.321 min): BP008042.D\data.ms (-3055) (-)



Chrysene-d12

Concen: 20.00 ng

RT: 21.310 min Scan# 3064

Delta R.T. -0.011 min

Lab File: BP008061.D

Acq: 20 Nov 2021 17:09

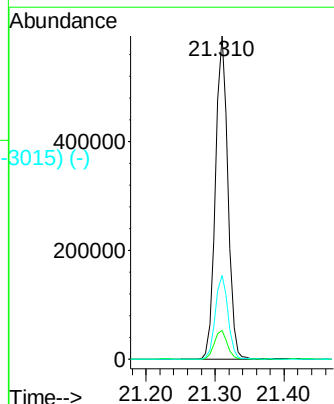
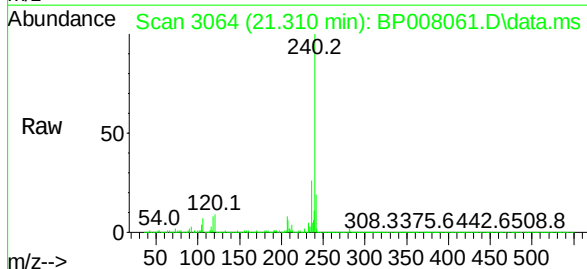
Tgt Ion:240 Resp: 743830

Ion Ratio Lower Upper

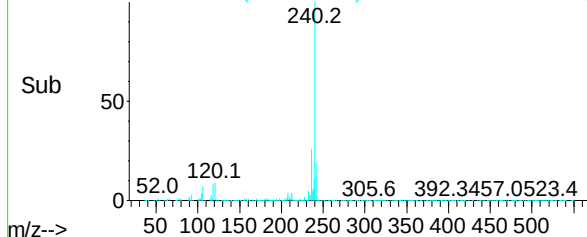
240 100

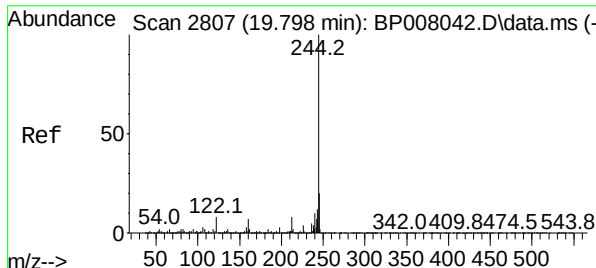
120 8.9 7.4 11.2

236 25.9 21.0 31.4



Abundance Scan 3064 (21.310 min): BP008061.D\data.ms (-3015) (-)





Terphenyl-d14

Concen: 65.01 ng

RT: 19.786 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP008061.D

Acq: 20 Nov 2021 17:09

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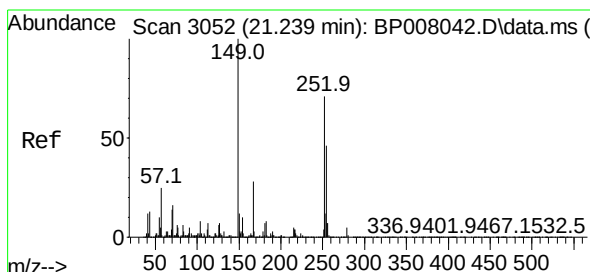
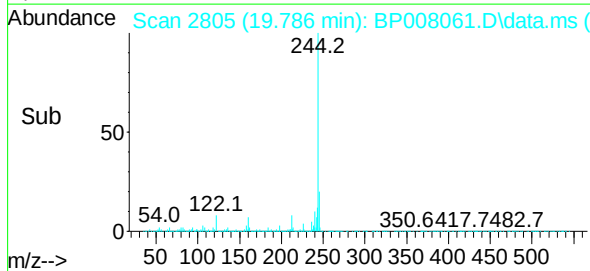
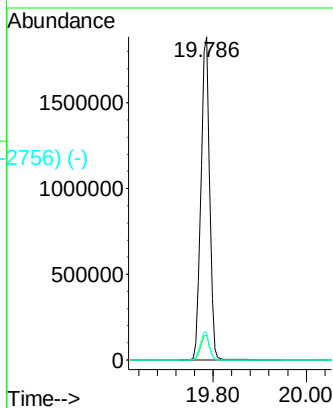
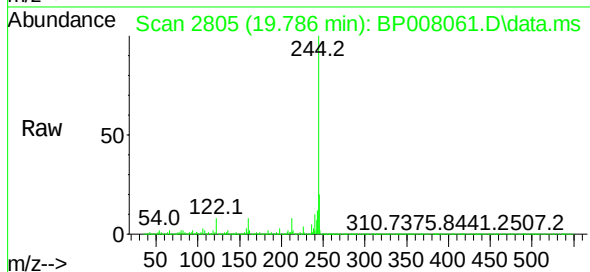
Tgt Ion:244 Resp: 2459563

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

122 8.4 6.1 9.1



3,3'-Dichlorobenzidine

Concen: Below Cal

RT: 21.222 min Scan# 3049

Delta R.T. -0.017 min

Lab File: BP008061.D

Acq: 20 Nov 2021 17:09

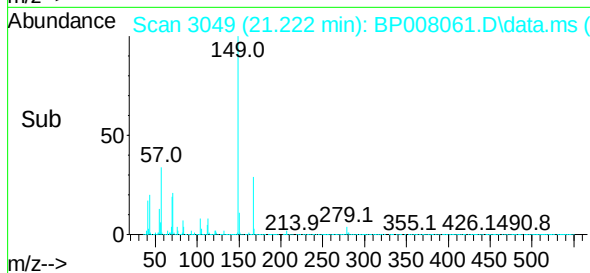
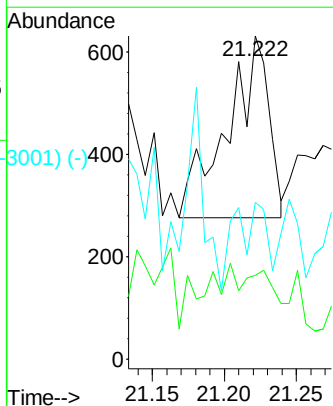
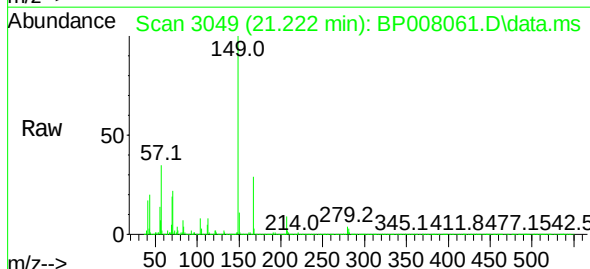
Tgt Ion:252 Resp: 716

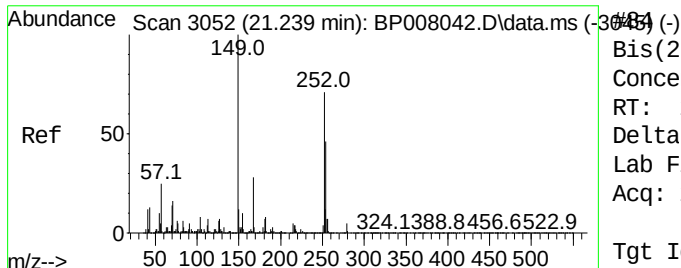
Ion Ratio Lower Upper

252 100

254 25.8 51.8 77.8#

126 48.5 7.2 10.8#

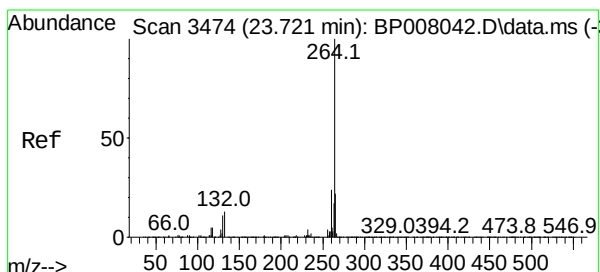
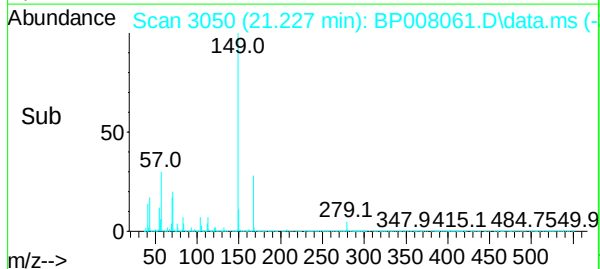
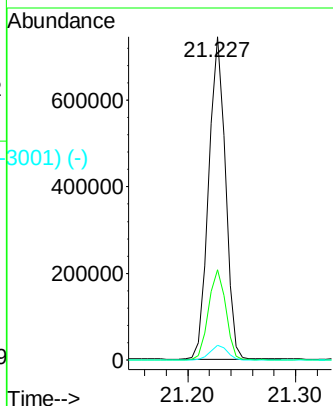
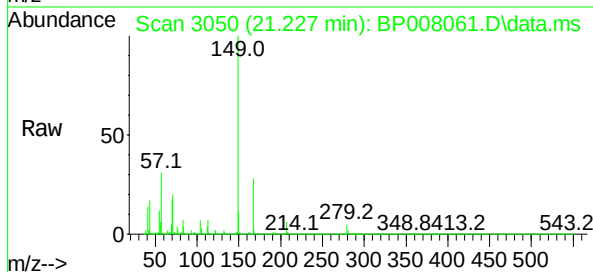




Bis(2-ethylhexyl)phthalate
Concen: 28.07 ng
RT: 21.227 min Scan# 3052
Delta R.T. -0.012 min
Lab File: BP008061.D
Acq: 20 Nov 2021 17:09

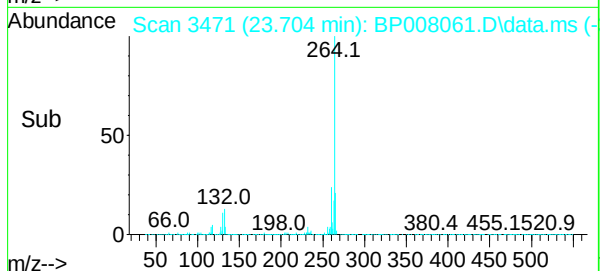
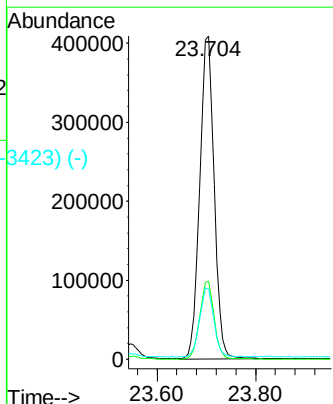
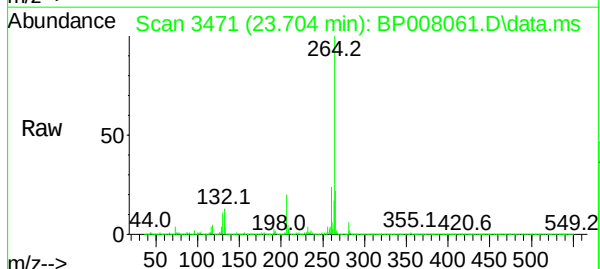
Instrument :
BNA_P
ClientSampleId :
VNJ-202

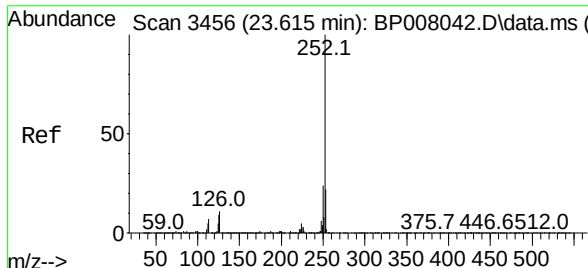
Tgt Ion:	149	Resp:	801423
Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.7	34.1
279	4.6	4.0	6.0



Perylene-d12
Concen: 20.00 ng
RT: 23.704 min Scan# 3471
Delta R.T. -0.017 min
Lab File: BP008061.D
Acq: 20 Nov 2021 17:09

Tgt Ion:	264	Resp:	827489
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.6
265	21.8	17.7	26.5





Benzo(a)pyrene

Concen: 2.03 ng

RT: 23.598 min Scan# 3453

Delta R.T. -0.017 min

Lab File: BP008061.D

Acq: 20 Nov 2021 17:09

Instrument :
BNA_P
ClientSampleId :
VNJ-202

Tgt Ion:	252	Resp:	87922
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.4	26.2
125	11.3	7.4	11.2#

