

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112021\
 Data File : BP008074.D
 Acq On : 21 Nov 2021 00:28
 Operator : CG/JU
 Sample : M4762-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-11929

Quant Time: Nov 22 05:36:18 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)

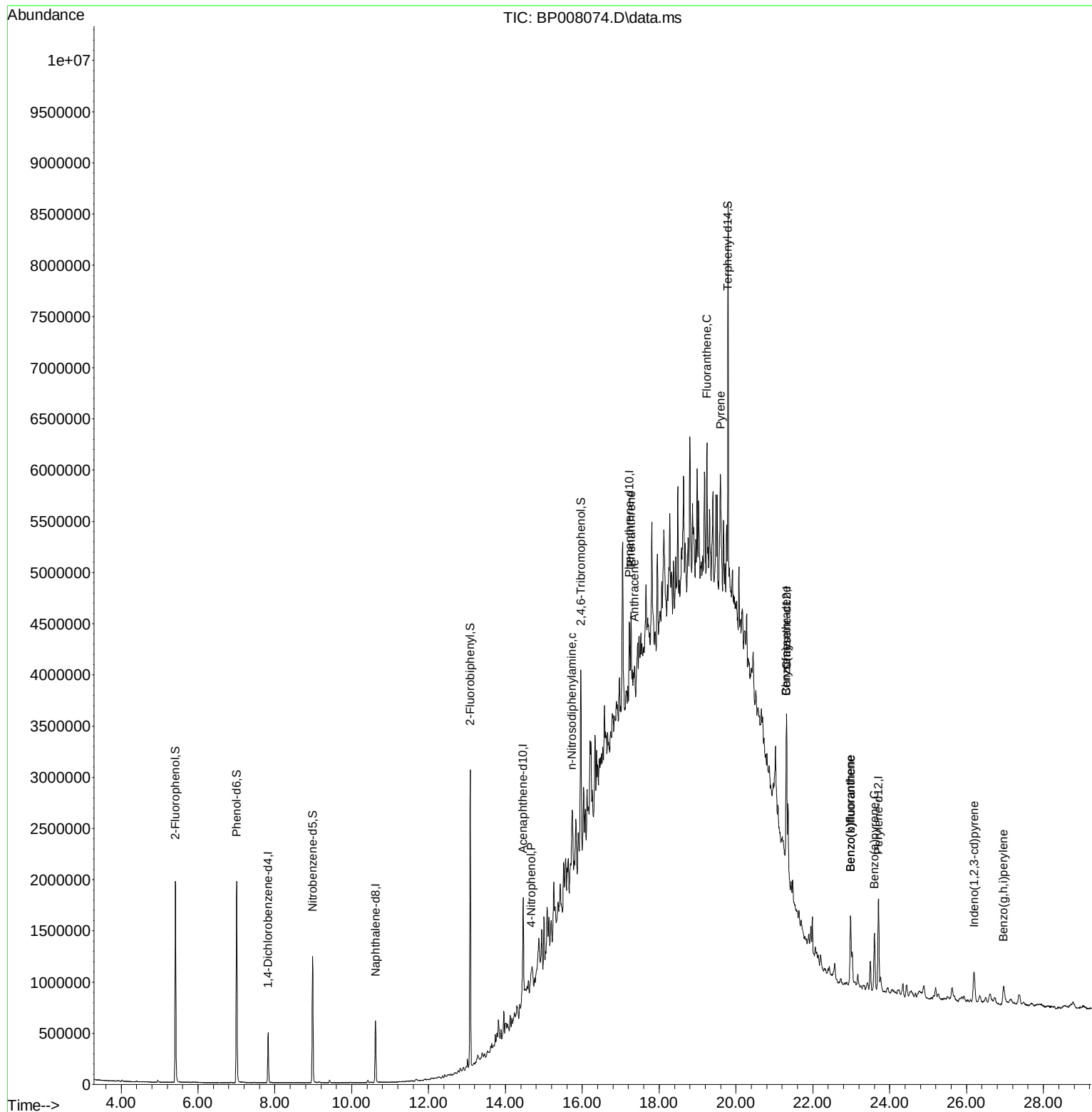
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	131161	20.00	ng	0.00
21) Naphthalene-d8	10.622	136	496730	20.00	ng	0.00
39) Acenaphthene-d10	14.463	164	314244	20.00	ng	0.00
64) Phenanthrene-d10	17.222	188	545255	20.00	ng	# 0.00
76) Chrysene-d12	21.316	240	636040	20.00	ng	0.00
86) Perylene-d12	23.710	264	717899	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	830735	108.26	ng	0.00
7) Phenol-d6	7.005	99	1088403	102.32	ng	0.00
23) Nitrobenzene-d5	8.981	82	721833	65.92	ng	-0.01
42) 2,4,6-Tribromophenol	15.963	330	377190	94.85	ng	0.00
45) 2-Fluorobiphenyl	13.087	172	1525971	76.04	ng	0.00
79) Terphenyl-d14	19.792	244	1987644	61.44	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.005	77	2710	Below Cal	#	9
56) 4-Nitrophenol	14.669	139	11168	2.67	ng	# 1
58) Fluorene	15.516	166	44510	Below Cal	#	82
61) 4-Chlorophenyl-phenyle...	15.481	204	382	Below Cal	#	1
66) n-Nitrosodiphenylamine	15.734	169	142040	9.18	ng	# 42
71) Phenanthrene	17.269	178	519700	17.69	ng	# 93
72) Anthracene	17.357	178	137701	4.73	ng	# 75
75) Fluoranthene	19.245	202	809893	21.39	ng	95
78) Pyrene	19.598	202	689423	15.96	ng	# 96
81) Benzo(a)anthracene	21.304	228	436428	10.23	ng	97
82) 3,3'-Dichlorobenzidine	21.251	252	3254	Below Cal	#	47
83) Chrysene	21.304	228	436428	10.78	ng	94
87) Indeno(1,2,3-cd)pyrene	26.198	276	259655	5.21	ng	97
88) Benzo(b)fluoranthene	22.980	252	534329	11.90	ng	# 94
89) Benzo(k)fluoranthene	22.980	252	534329	11.96	ng	# 94
90) Benzo(a)pyrene	23.604	252	376841	10.02	ng	97
92) Benzo(g,h,i)perylene	26.962	276	242337	5.97	ng	97

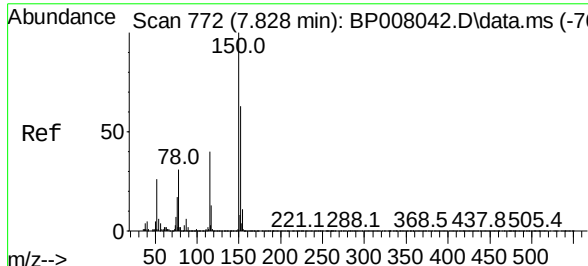
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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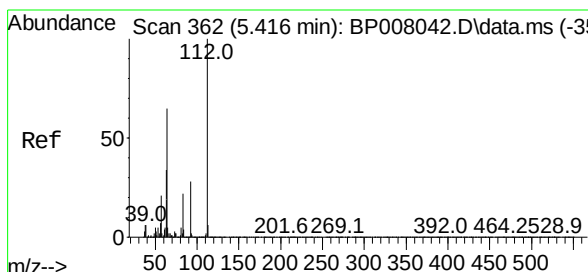
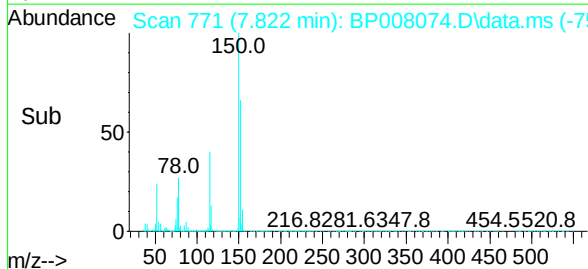
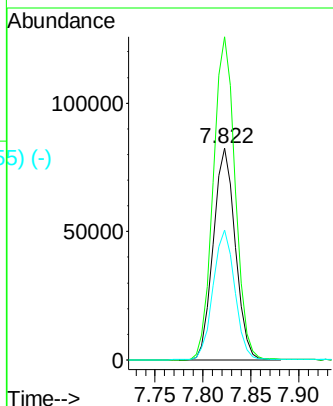
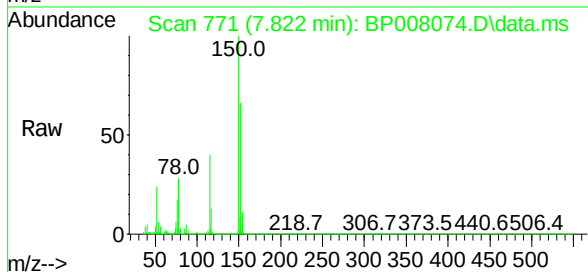




Scan 772 (7.828 min): BP008042.D\data.ms (-763) #1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.822 min Scan#
 Delta R.T. -0.006 min
 Lab File: BP008074.D
 Acq: 21 Nov 2021 00:28

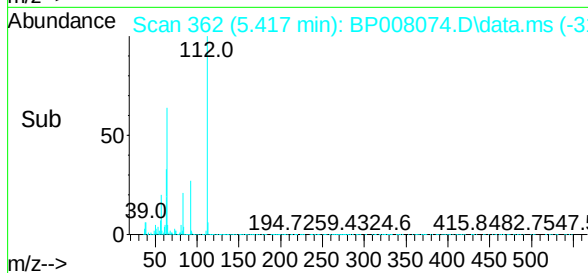
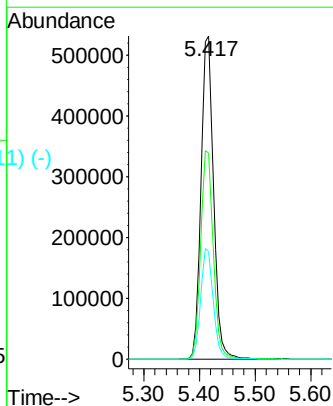
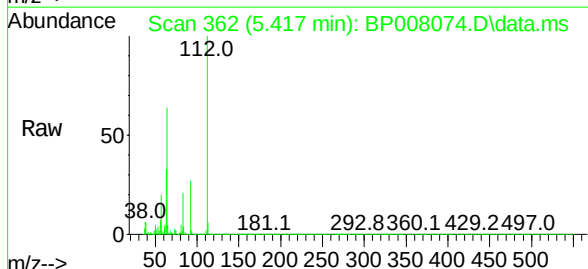
Instrument :
 BNA_P
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 72-11929

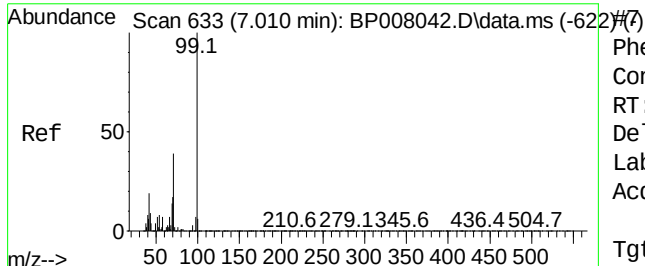
Tgt Ion:	152	Resp:	131161
Ion	Ratio	Lower	Upper
152	100		
150	152.4	126.5	189.7
115	61.2	50.6	75.8



Scan 362 (5.416 min): BP008042.D\data.ms (-350) #5
 2-Fluorophenol
 Concen: 108.26 ng
 RT: 5.417 min Scan# 362
 Delta R.T. 0.001 min
 Lab File: BP008074.D
 Acq: 21 Nov 2021 00:28

Tgt Ion:	112	Resp:	830735
Ion	Ratio	Lower	Upper
112	100		
64	63.7	51.7	77.5
63	33.3	27.4	41.0

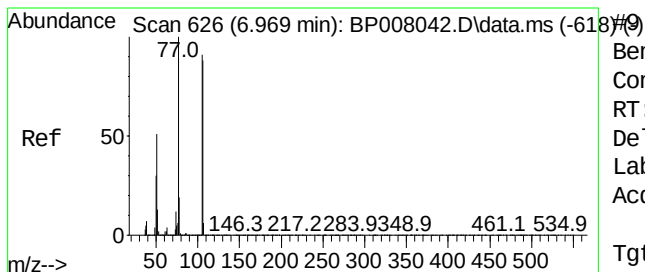
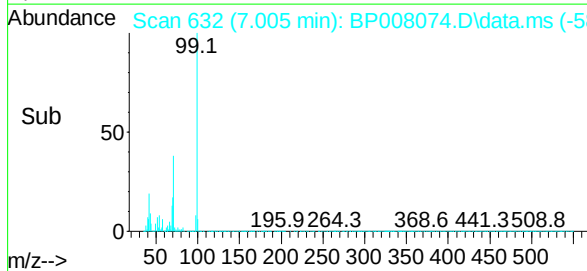
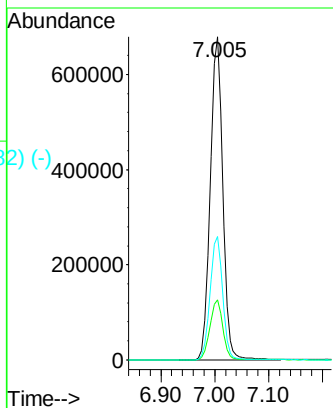
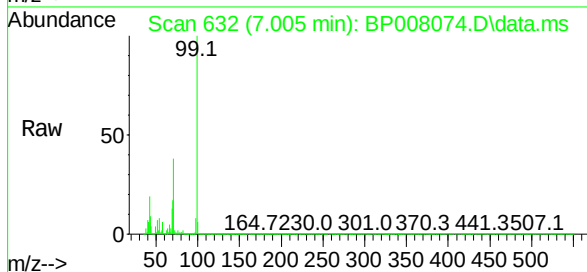




Phenol-d6
 Concen: 102.32 ng
 RT: 7.005 min Scan# 632
 Delta R.T. -0.005 min
 Lab File: BP008074.D
 Acq: 21 Nov 2021 00:28

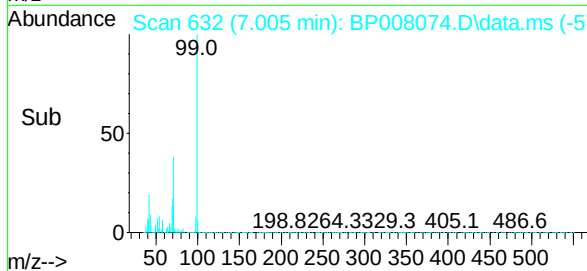
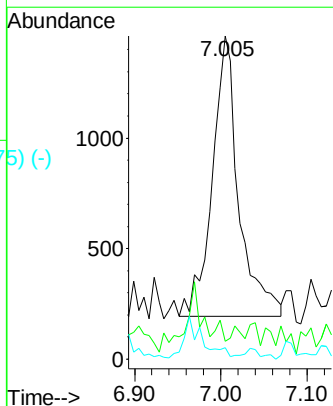
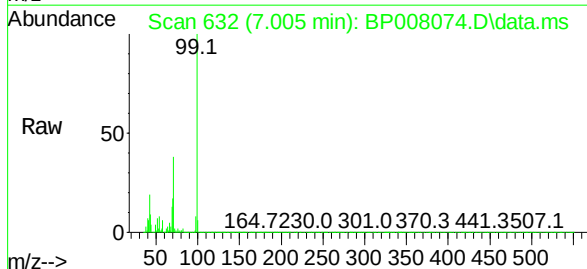
Instrument :
 BNA_P
 ClientSampleId :
 72-11929

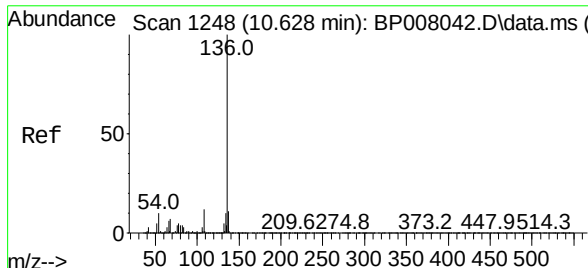
Tgt Ion: 99 Resp: 1088403
 Ion Ratio Lower Upper
 99 100
 42 18.7 15.4 23.2
 71 38.3 31.0 46.6



Benzaldehyde
 Concen: Below Cal
 RT: 7.005 min Scan# 632
 Delta R.T. 0.036 min
 Lab File: BP008074.D
 Acq: 21 Nov 2021 00:28

Tgt Ion: 77 Resp: 2710
 Ion Ratio Lower Upper
 77 100
 105 5.5 71.5 111.5#
 106 3.5 67.9 107.9#





Naphthalene-d8

Concen: 20.00 ng

RT: 10.622 min Scan#

Delta R.T. -0.006 min

Lab File: BP008074.D

Acq: 21 Nov 2021 00:28

Instrument :

BNA_P

ClientSampleId :

72-11929

Tgt Ion:136 Resp: 496730

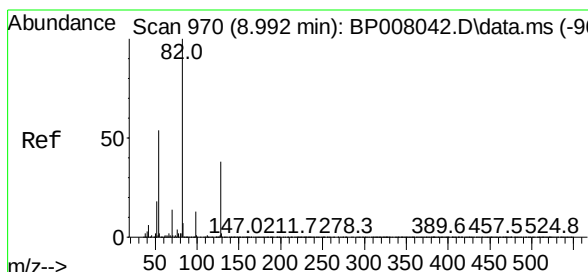
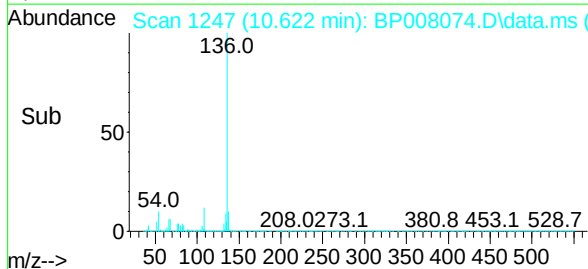
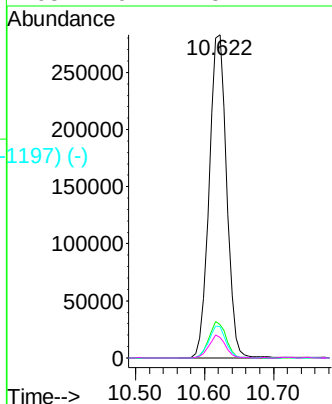
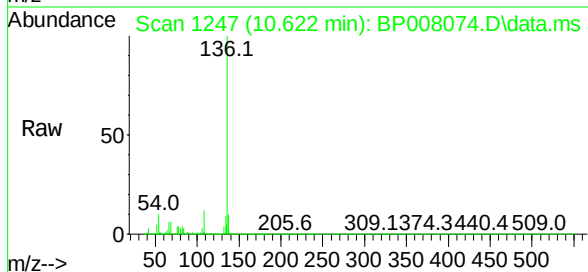
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 9.7 8.0 12.0

68 6.4 5.2 7.8



Nitrobenzene-d5

Concen: 65.92 ng

RT: 8.981 min Scan# 968

Delta R.T. -0.011 min

Lab File: BP008074.D

Acq: 21 Nov 2021 00:28

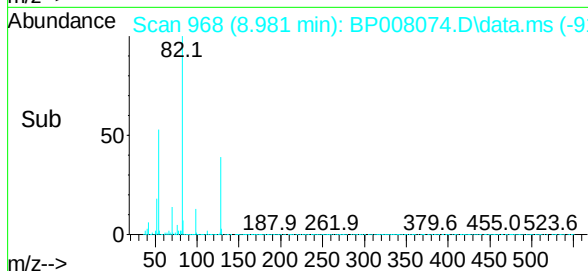
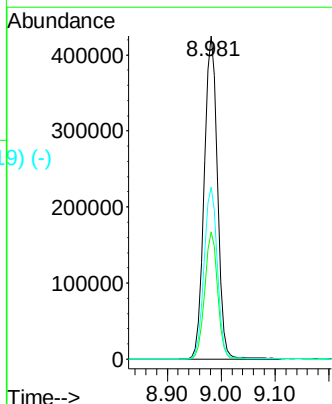
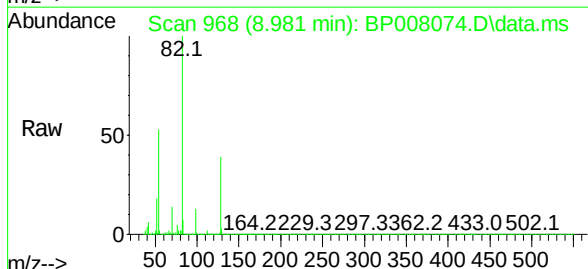
Tgt Ion: 82 Resp: 721833

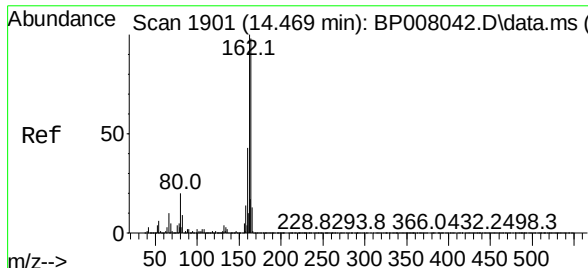
Ion Ratio Lower Upper

82 100

128 39.4 30.2 45.2

54 53.3 43.1 64.7

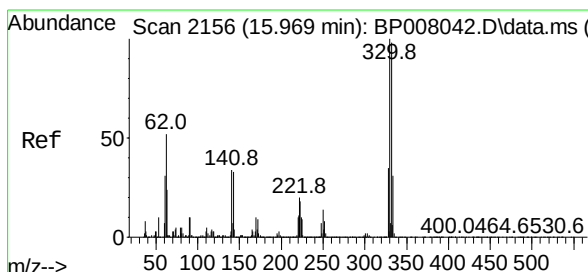
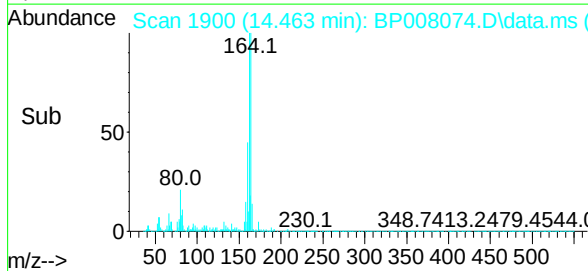
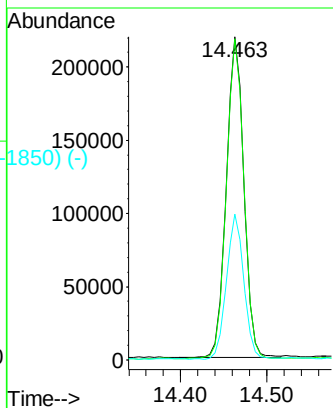
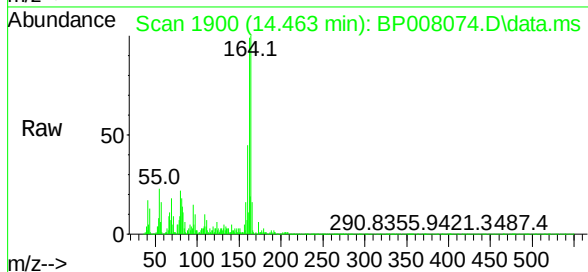




Scan 1901 (14.469 min): BP008042.D\data.ms (-1850) (-)
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.463 min Scan# 1900
 Delta R.T. -0.006 min
 Lab File: BP008074.D
 Acq: 21 Nov 2021 00:28

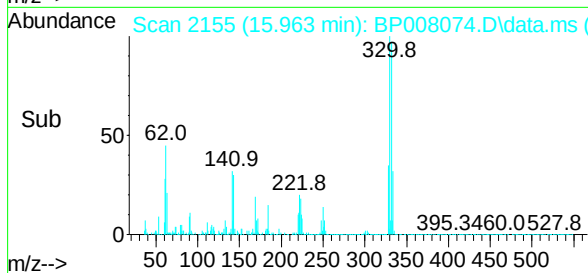
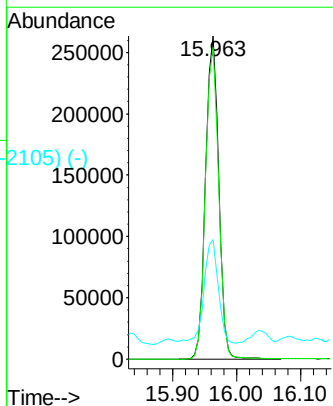
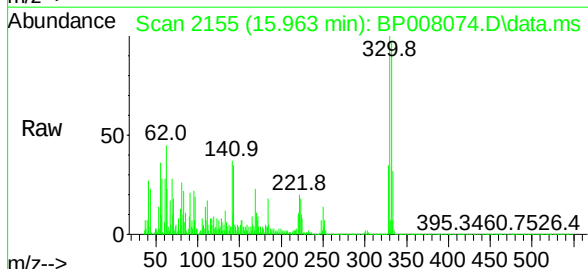
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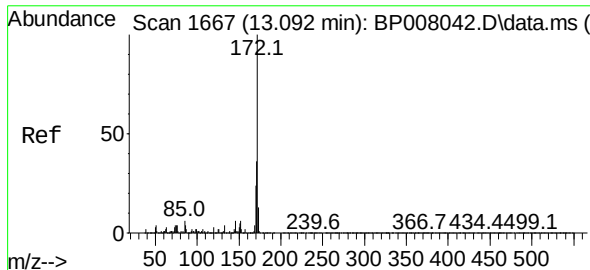
Tgt Ion:	164	Resp:	314244
Ion Ratio	Lower	Upper	
164	100		
162	99.4	81.8	122.8
160	45.1	35.1	52.7



Scan 2156 (15.969 min): BP008042.D\data.ms (-2140) (-)
 2,4,6-Tribromophenol
 Concen: 94.85 ng
 RT: 15.963 min Scan# 2155
 Delta R.T. -0.006 min
 Lab File: BP008074.D
 Acq: 21 Nov 2021 00:28

Tgt Ion:	330	Resp:	377190
Ion Ratio	Lower	Upper	
330	100		
332	96.6	78.0	117.0
141	34.1	29.6	44.4

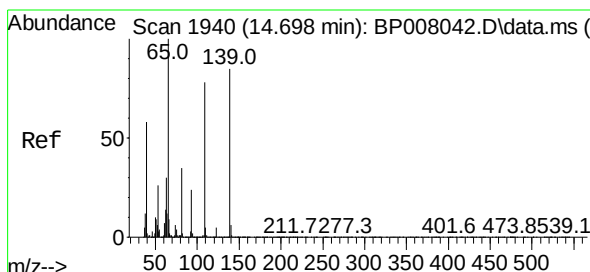
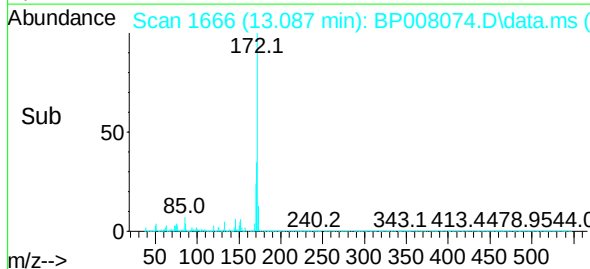
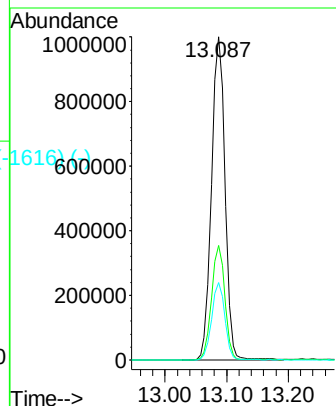
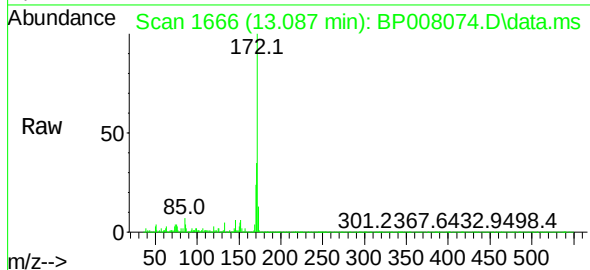




Scan 1667 (13.092 min): BP008042.D\data.ms (-1656)
 2-Fluorobiphenyl
 Concen: 76.04 ng
 RT: 13.087 min Scan# 1666
 Delta R.T. -0.005 min
 Lab File: BP008074.D
 Acq: 21 Nov 2021 00:28

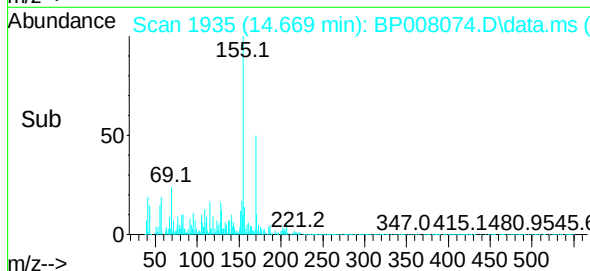
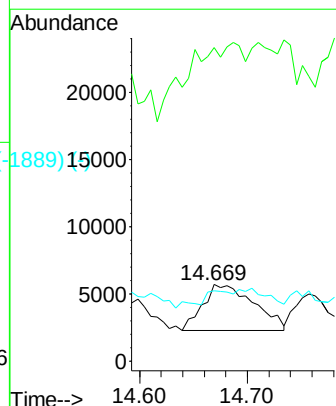
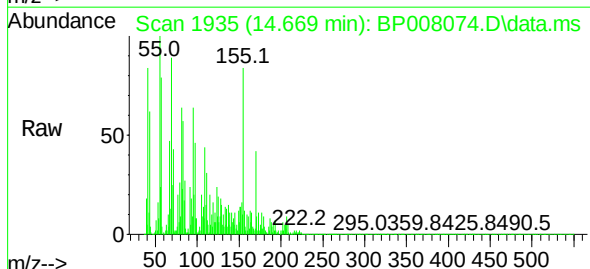
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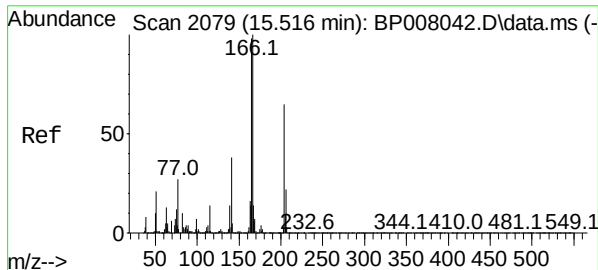
Tgt Ion:	172	Resp:	1525971
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.9	19.0	28.4



Scan 1940 (14.698 min): BP008042.D\data.ms (-1950)
 4-Nitrophenol
 Concen: 2.67 ng
 RT: 14.669 min Scan# 1935
 Delta R.T. -0.029 min
 Lab File: BP008074.D
 Acq: 21 Nov 2021 00:28

Tgt Ion:	139	Resp:	11168
Ion	Ratio	Lower	Upper
139	100		
109	409.3	71.8	111.8#
65	91.5	98.2	138.2#

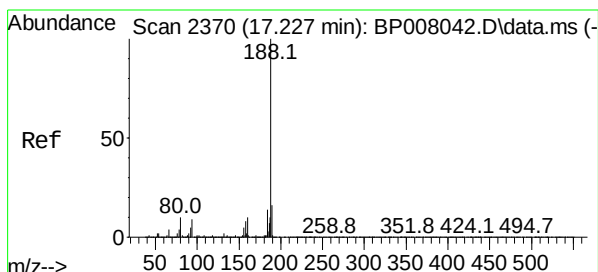
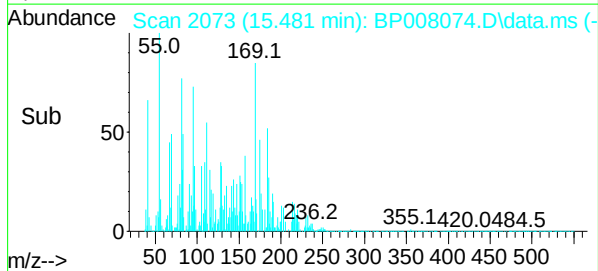
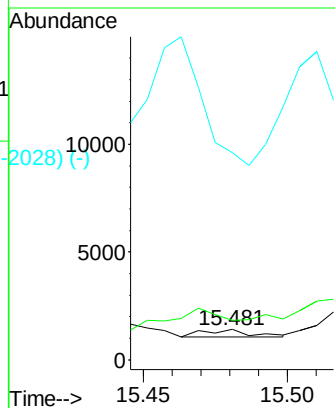
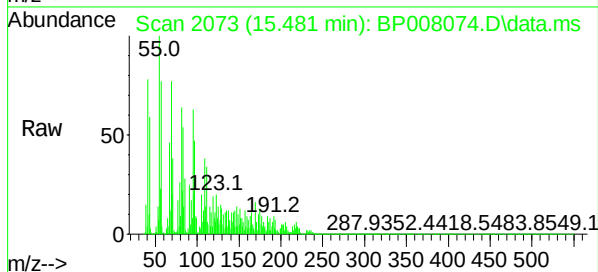




4-Chlorophenyl-phenylether
 Concen: Below Cal
 RT: 15.481 min Scan# 21
 Delta R.T. -0.035 min
 Lab File: BP008074.D
 Acq: 21 Nov 2021 00:28

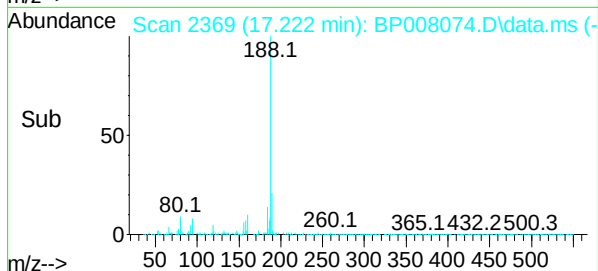
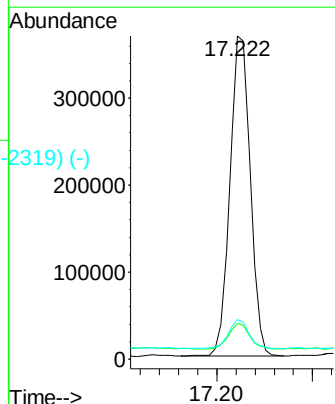
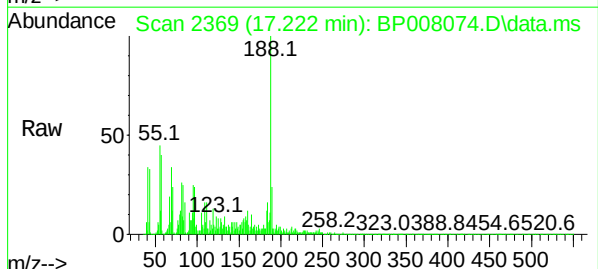
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Tgt Ion:	204	Resp:	382
Ion	Ratio	Lower	Upper
204	100		
206	130.2	27.3	40.9#
141	678.2	46.7	70.1#

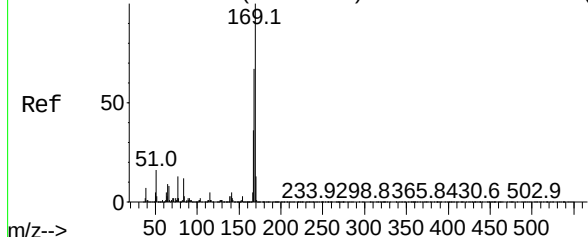


Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.222 min Scan# 2369
 Delta R.T. -0.005 min
 Lab File: BP008074.D
 Acq: 21 Nov 2021 00:28

Tgt Ion:	188	Resp:	545255
Ion	Ratio	Lower	Upper
188	100		
94	11.0	7.1	10.7#
80	12.3	8.1	12.1#



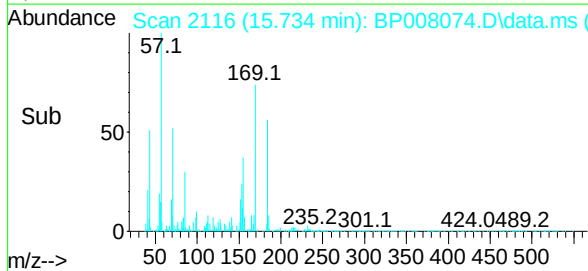
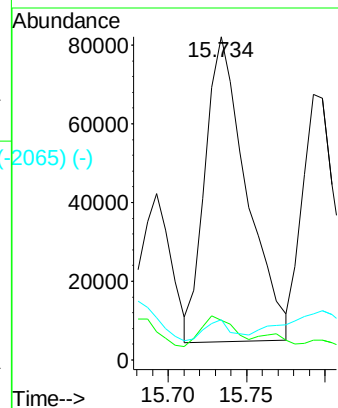
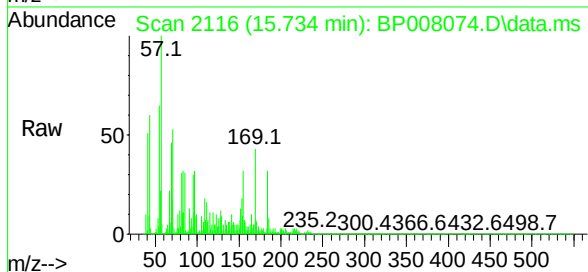
Abundance Scan 2116 (15.733 min): BP008042.D\data.ms (-2165) (-)



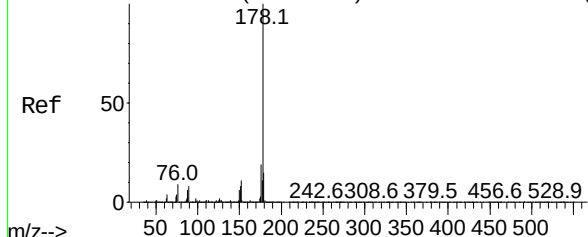
n-Nitrosodiphenylamine
Concen: 9.18 ng
RT: 15.734 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BP008074.D
Acq: 21 Nov 2021 00:28

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:	169	Resp:	142040
Ion Ratio	Lower	Upper	
169	100		
168	12.3	53.6	80.4#
167	12.4	29.0	43.4#

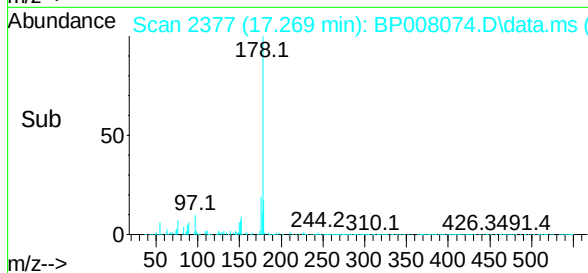
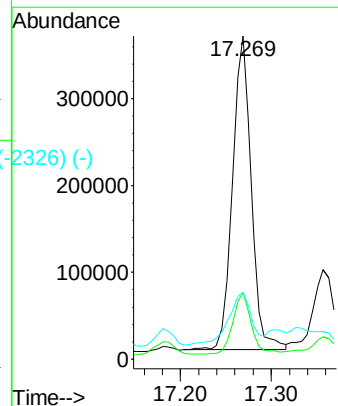
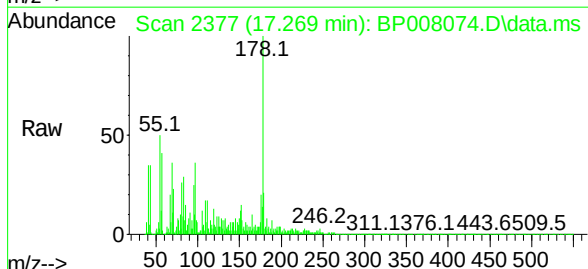


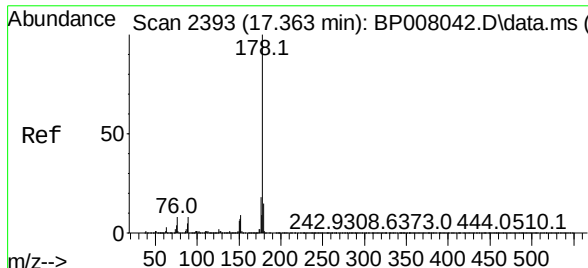
Abundance Scan 2377 (17.269 min): BP008042.D\data.ms (-2373) (-)



Phenanthrene
Concen: 17.69 ng
RT: 17.269 min Scan# 2377
Delta R.T. -0.000 min
Lab File: BP008074.D
Acq: 21 Nov 2021 00:28

Tgt Ion:	178	Resp:	519700
Ion Ratio	Lower	Upper	
178	100		
176	20.5	15.6	23.4
179	20.7	12.4	18.6#

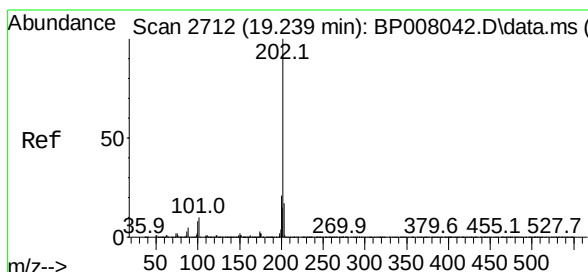
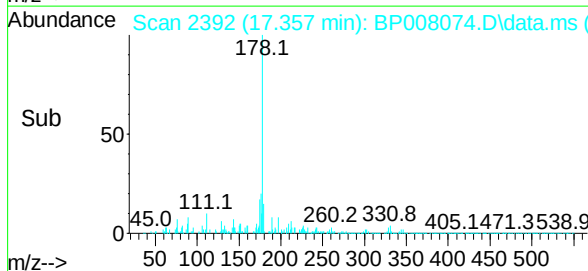
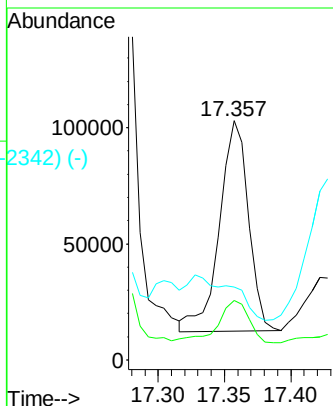
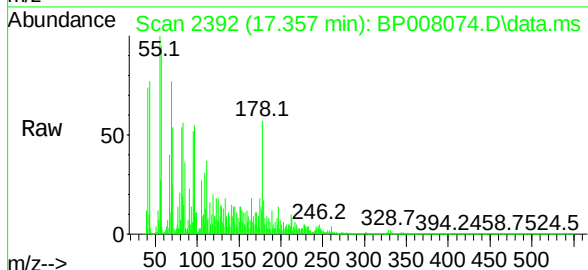




Scan 2393 (17.363 min): BP008042.D\data.ms (-2393)
 Anthracene
 Concen: 4.73 ng
 RT: 17.357 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BP008074.D
 Acq: 21 Nov 2021 00:28

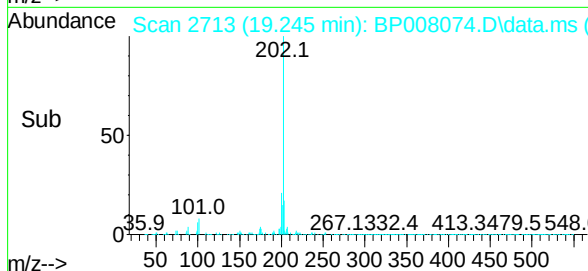
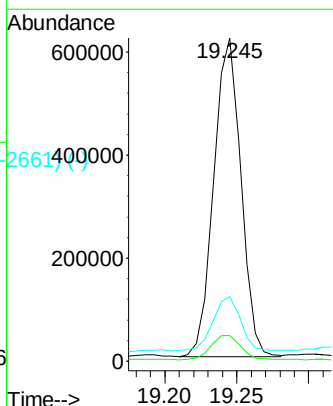
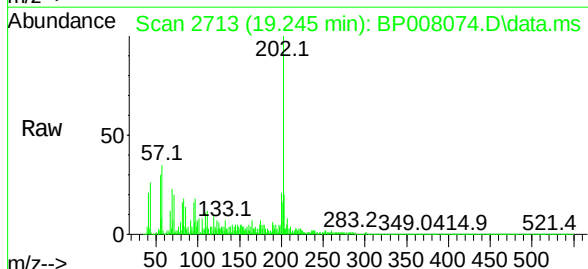
Instrument :
 BNA_P
 ClientSampleId :
 72-11929

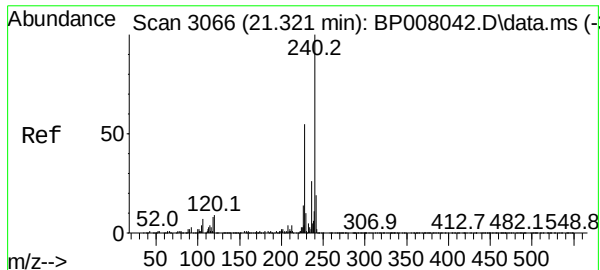
Tgt Ion:	178	Resp:	137701
Ion	Ratio	Lower	Upper
178	100		
176	25.0	14.7	22.1#
179	30.6	12.2	18.4#



Scan 2712 (19.239 min): BP008042.D\data.ms (-2712)
 Fluoranthene
 Concen: 21.39 ng
 RT: 19.245 min Scan# 2713
 Delta R.T. 0.006 min
 Lab File: BP008074.D
 Acq: 21 Nov 2021 00:28

Tgt Ion:	202	Resp:	809893
Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	29.5
203	20.0	0.0	37.3

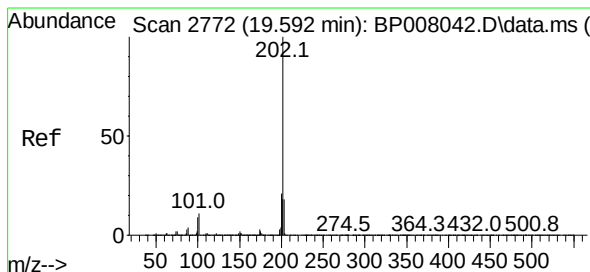
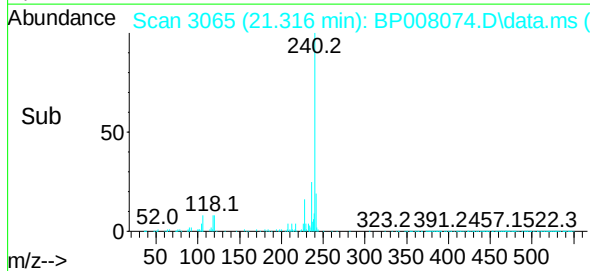
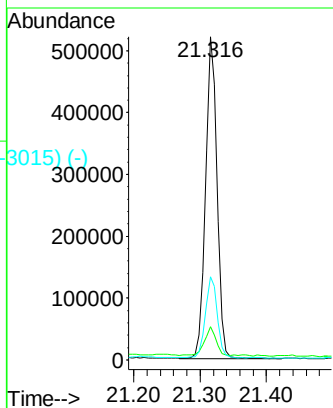
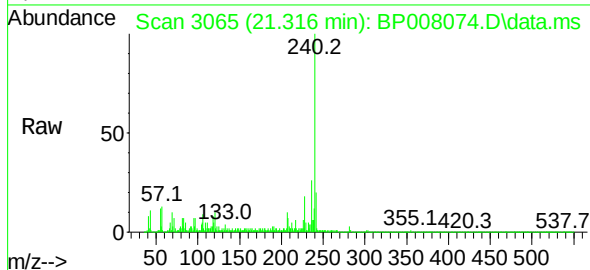




Chrysene-d12
 Concen: 20.00 ng
 RT: 21.316 min Scan# 3065
 Delta R.T. -0.005 min
 Lab File: BP008074.D
 Acq: 21 Nov 2021 00:28

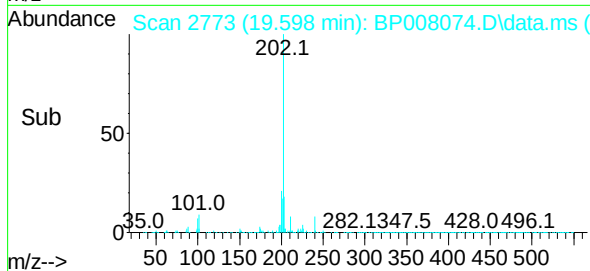
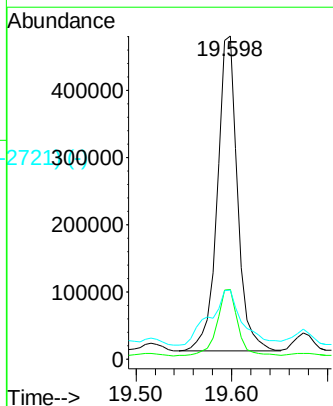
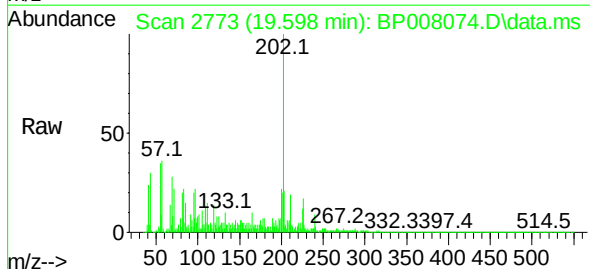
Instrument :
 BNA_P
 ClientSampleId :
 72-11929

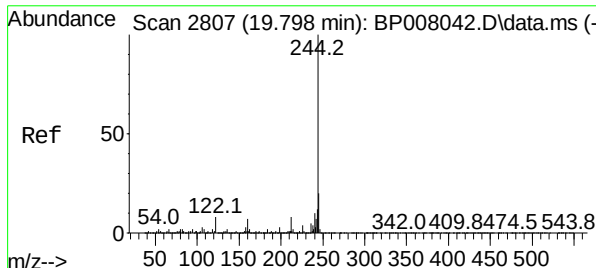
Tgt Ion:	240	Resp:	636040
Ion	Ratio	Lower	Upper
240	100		
120	10.3	7.4	11.2
236	25.8	21.0	31.4



Pyrene
 Concen: 15.96 ng
 RT: 19.598 min Scan# 2773
 Delta R.T. 0.006 min
 Lab File: BP008074.D
 Acq: 21 Nov 2021 00:28

Tgt Ion:	202	Resp:	689423
Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.9	25.3
203	21.5	14.2	21.2#





Terphenyl-d14

Concen: 61.44 ng

RT: 19.792 min Scan# 3063

Delta R.T. -0.006 min

Lab File: BP008074.D

Acq: 21 Nov 2021 00:28

Instrument :

BNA_P

ClientSampleId :

72-11929

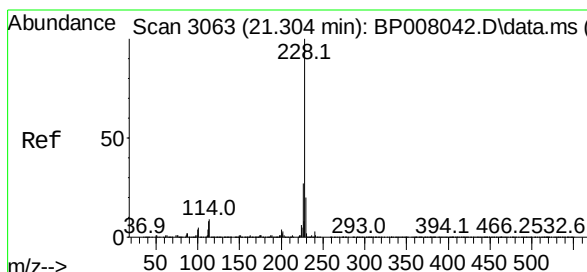
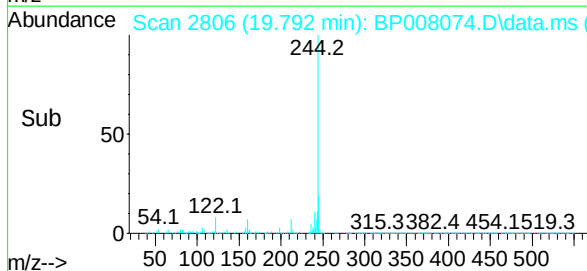
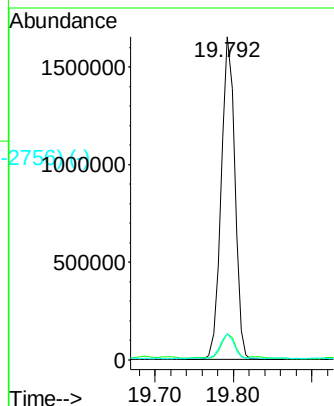
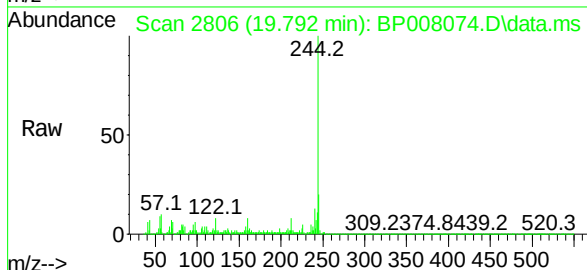
Tgt Ion:244 Resp: 1987644

Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

122 8.2 6.1 9.1



Benzo(a)anthracene

Concen: 10.23 ng

RT: 21.304 min Scan# 3063

Delta R.T. 0.000 min

Lab File: BP008074.D

Acq: 21 Nov 2021 00:28

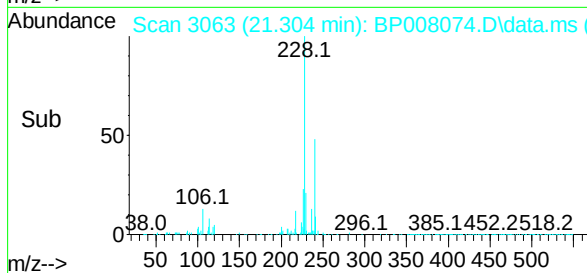
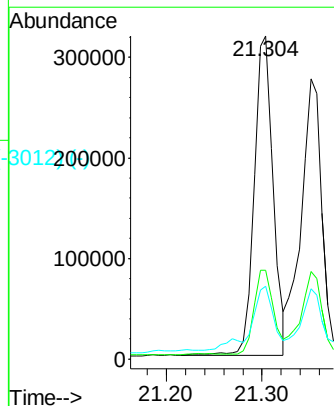
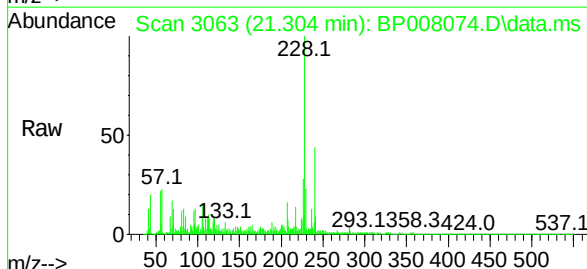
Tgt Ion:228 Resp: 436428

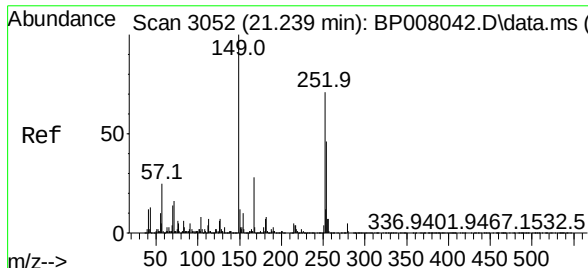
Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.6

229 22.7 16.1 24.1

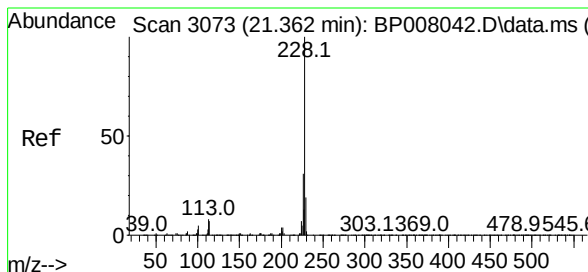
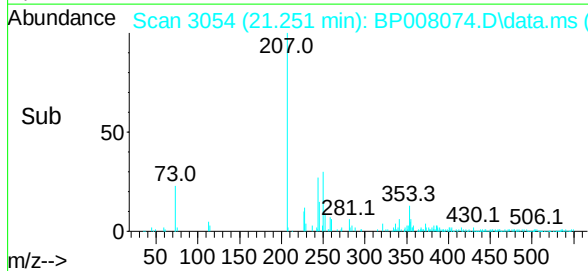
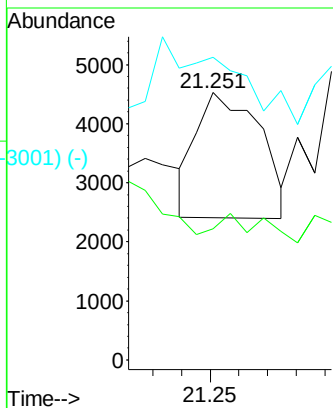
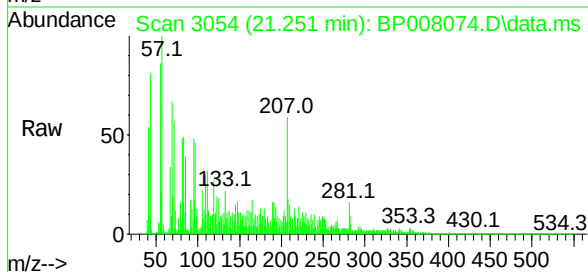




3,3'-Dichlorobenzidine
Concen: Below Cal
RT: 21.251 min Scan# 3052
Delta R.T. 0.012 min
Lab File: BP008074.D
Acq: 21 Nov 2021 00:28

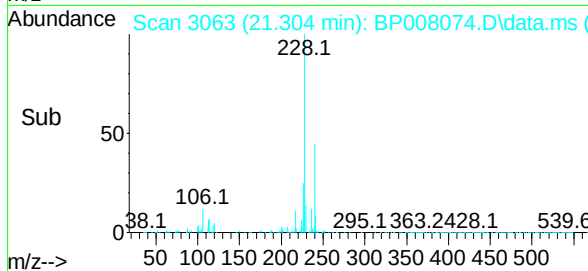
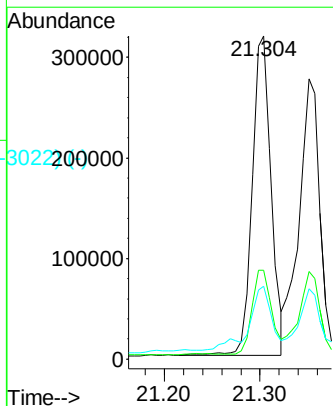
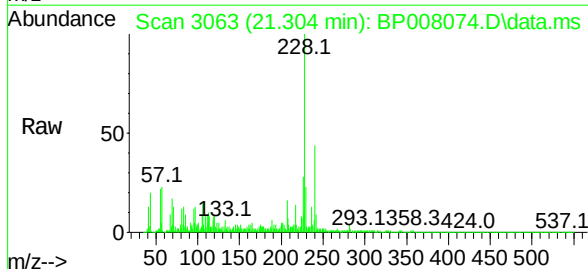
Instrument :
BNA_P
ClientSampleId :
72-11929

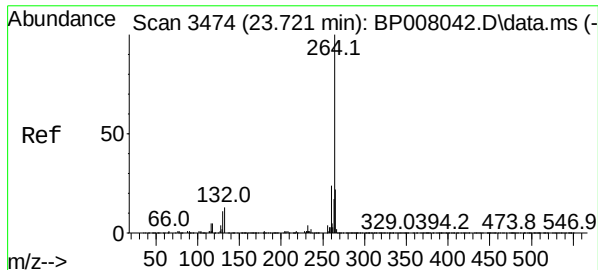
Tgt Ion:	252	Resp:	3254
Ion Ratio	Lower	Upper	
252	100		
254	49.1	51.8	77.8#
126	113.4	7.2	10.8#



Chrysene
Concen: 10.78 ng
RT: 21.304 min Scan# 3063
Delta R.T. -0.058 min
Lab File: BP008074.D
Acq: 21 Nov 2021 00:28

Tgt Ion:	228	Resp:	436428
Ion Ratio	Lower	Upper	
228	100		
226	27.5	24.5	36.7
229	22.7	15.5	23.3

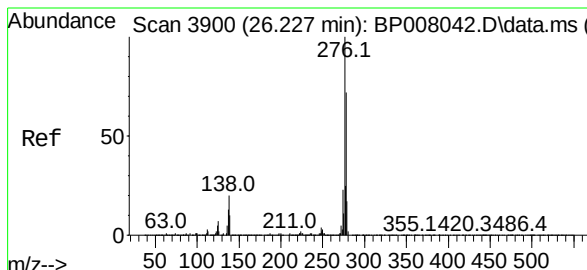
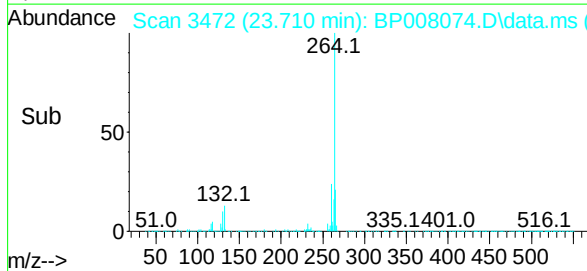
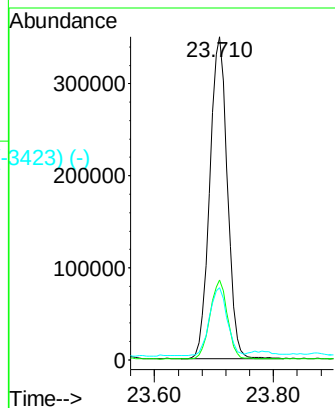
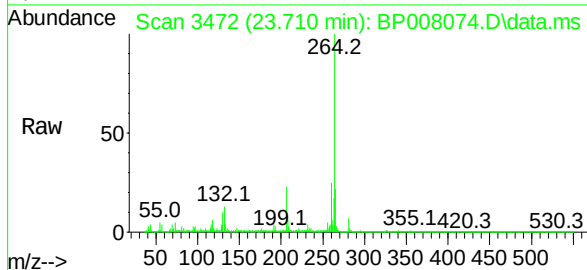




Perylene-d12
Concen: 20.00 ng
RT: 23.710 min Scan# 486
Delta R.T. -0.011 min
Lab File: BP008074.D
Acq: 21 Nov 2021 00:28

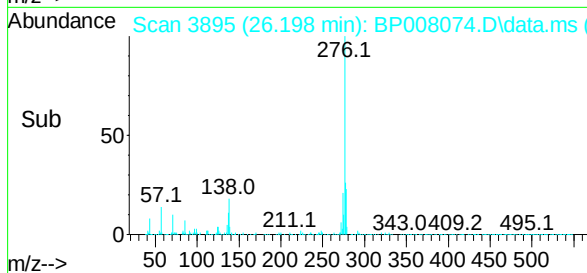
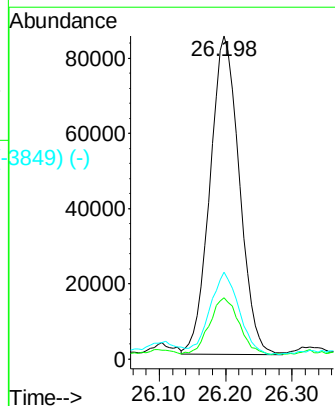
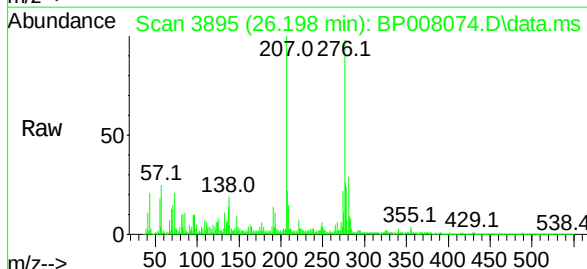
Instrument :
BNA_P
ClientSampleId :
72-11929

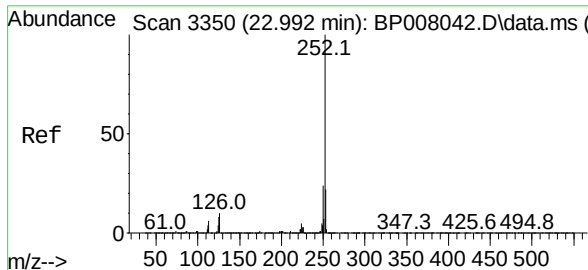
Tgt Ion:	264	Resp:	717899
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.0	28.6
265	22.4	17.7	26.5



Indeno(1,2,3-cd)pyrene
Concen: 5.21 ng
RT: 26.198 min Scan# 3895
Delta R.T. -0.029 min
Lab File: BP008074.D
Acq: 21 Nov 2021 00:28

Tgt Ion:	276	Resp:	259655
Ion Ratio	Lower	Upper	
276	100		
138	17.9	16.5	24.7
277	25.7	20.2	30.4

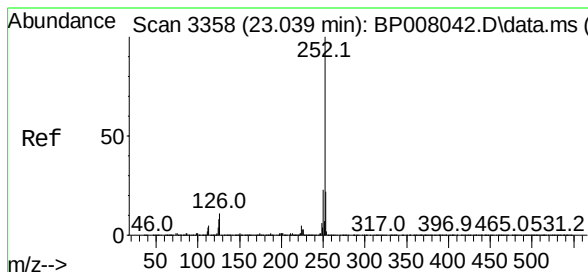
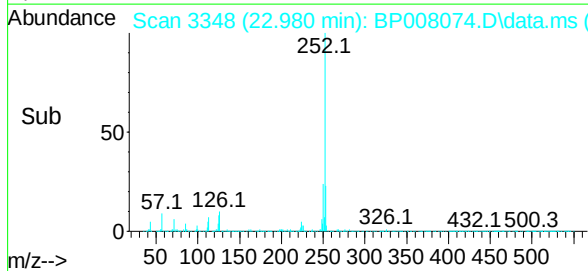
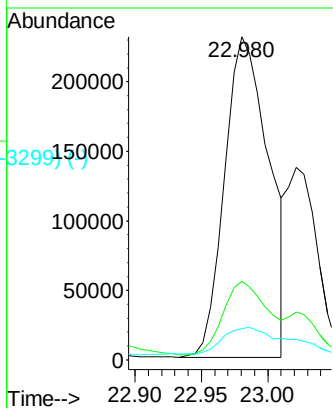
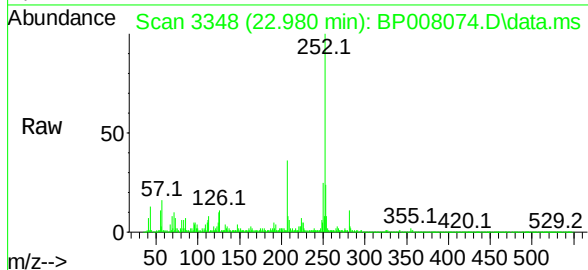




Benzo(b)fluoranthene
 Concen: 11.90 ng
 RT: 22.980 min Scan# 3348
 Delta R.T. -0.011 min
 Lab File: BP008074.D
 Acq: 21 Nov 2021 00:28

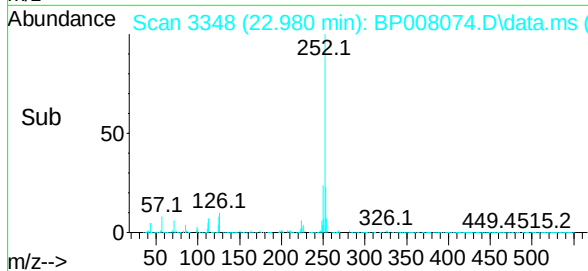
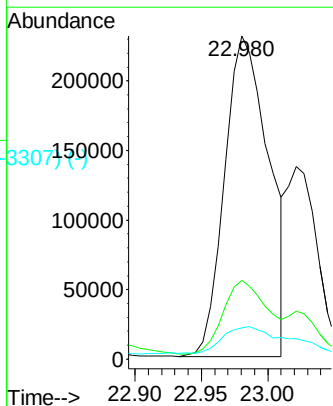
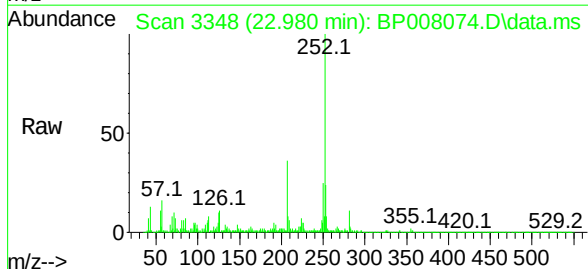
Instrument :
 BNA_P
 ClientSampleId :
 72-11929

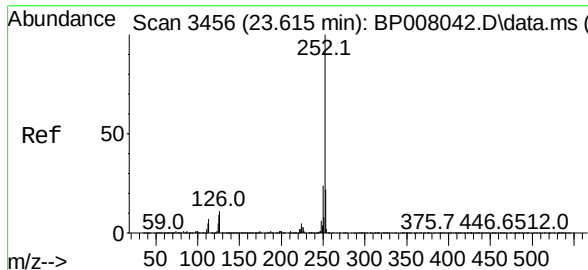
Tgt Ion:	252	Resp:	534329
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.4	26.2
125	9.7	6.1	9.1#



Benzo(k)fluoranthene
 Concen: 11.96 ng
 RT: 22.980 min Scan# 3348
 Delta R.T. -0.059 min
 Lab File: BP008074.D
 Acq: 21 Nov 2021 00:28

Tgt Ion:	252	Resp:	534329
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.4	26.0
125	9.7	6.2	9.4#

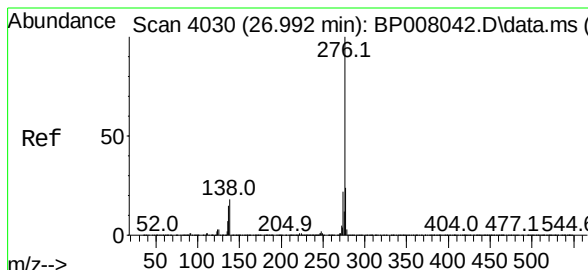
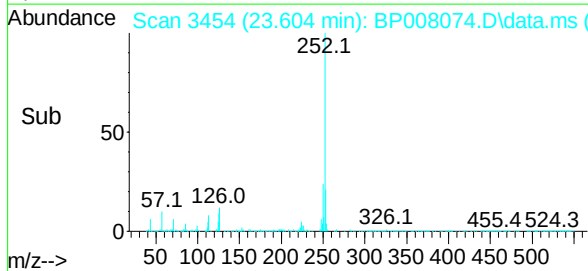
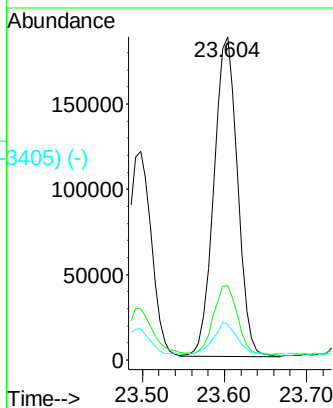
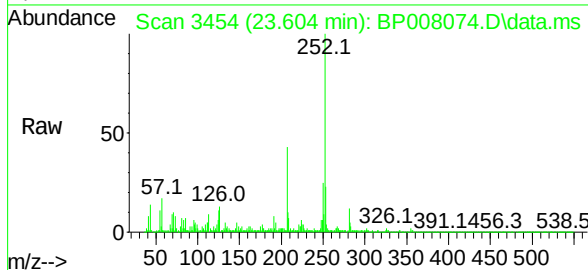




Benzo(a)pyrene
Concen: 10.02 ng
RT: 23.604 min Scan# 4099
Delta R.T. -0.011 min
Lab File: BP008074.D
Acq: 21 Nov 2021 00:28

Instrument :
BNA_P
ClientSampleId :
72-11929

Tgt Ion:	252	Resp:	376841
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.4	26.2
125	10.9	7.4	11.2



Benzo(g,h,i)perylene
Concen: 5.97 ng
RT: 26.962 min Scan# 4025
Delta R.T. -0.030 min
Lab File: BP008074.D
Acq: 21 Nov 2021 00:28

Tgt Ion:	276	Resp:	242337
Ion Ratio	Lower	Upper	
276	100		
277	24.7	19.0	28.6
138	19.6	14.2	21.2

