

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112021\
 Data File : BP008066.D
 Acq On : 20 Nov 2021 19:57
 Operator : CG/JU
 Sample : M4708-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JC-02-111621

Quant Time: Nov 22 05:34:03 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)

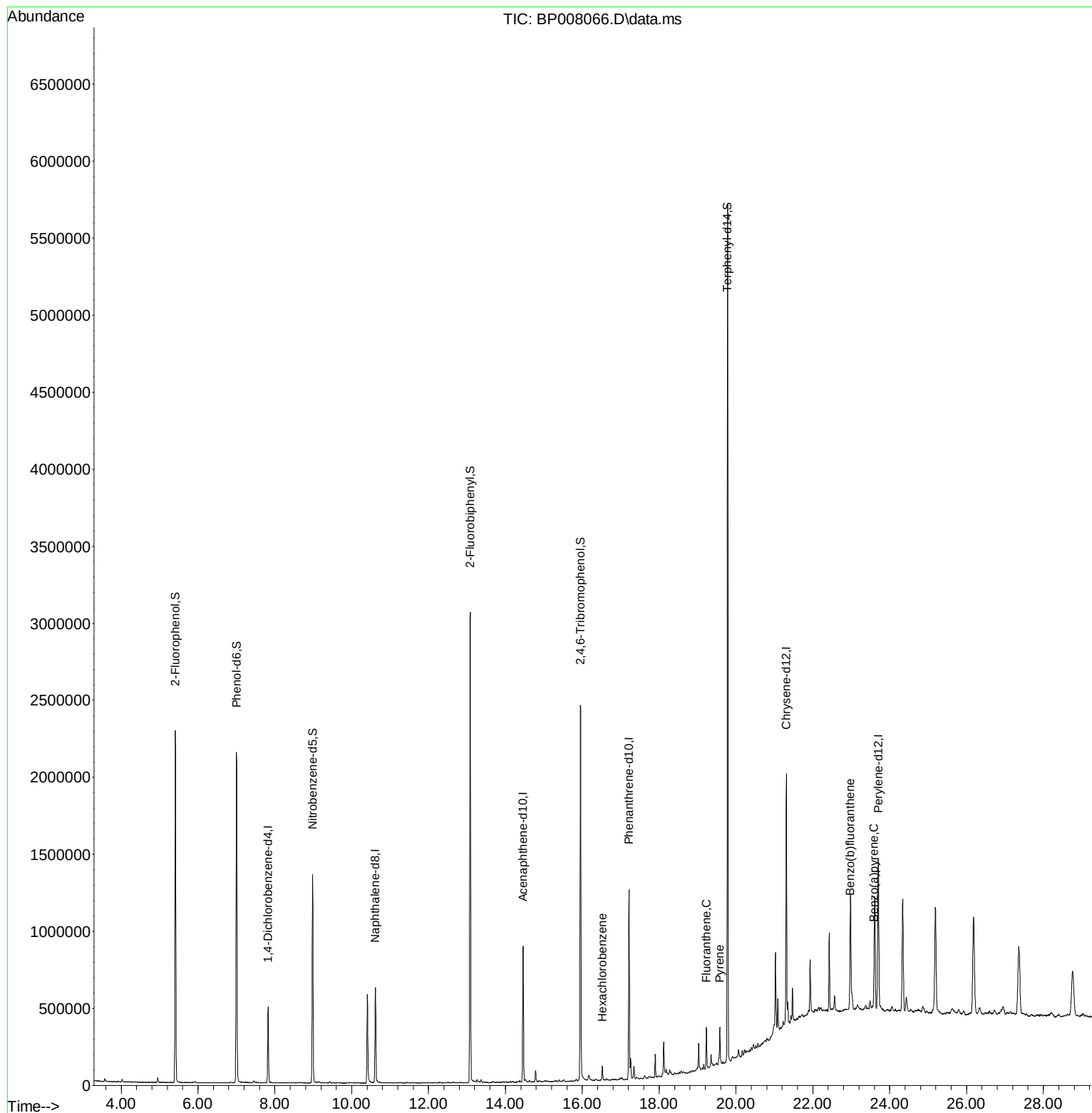
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	128742	20.00	ng	0.00
21) Naphthalene-d8	10.616	136	482014	20.00	ng	-0.01
39) Acenaphthene-d10	14.463	164	319923	20.00	ng	0.00
64) Phenanthrene-d10	17.216	188	719488	20.00	ng	-0.01
76) Chrysene-d12	21.310	240	752651	20.00	ng	-0.01
86) Perylene-d12	23.704	264	777558	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	890680	118.25	ng	0.00
7) Phenol-d6	6.999	99	1189682	113.95	ng	-0.01
23) Nitrobenzene-d5	8.981	82	781222	73.53	ng	-0.01
42) 2,4,6-Tribromophenol	15.957	330	460361	113.71	ng	-0.01
45) 2-Fluorobiphenyl	13.087	172	1604629	78.54	ng	0.00
79) Terphenyl-d14	19.780	244	2649431	69.21	ng	-0.02
Target Compounds						
						Qvalue
9) Benzaldehyde	6.993	77	3355	Below Cal	#	21
58) Fluorene	15.516	166	6603	Below Cal	#	97
61) 4-Chlorophenyl-phenyle...	15.510	204	52	Below Cal	#	70
68) Hexachlorobenzene	16.522	284	17433	2.07	ng	98
75) Fluoranthene	19.228	202	152045	3.04	ng	98
78) Pyrene	19.580	202	141208	2.76	ng	98
82) 3,3'-Dichlorobenzidine	21.222	252	247	Below Cal	#	54
88) Benzo(b)fluoranthene	22.969	252	114960	2.36	ng	92
90) Benzo(a)pyrene	23.592	252	97358	2.39	ng	92

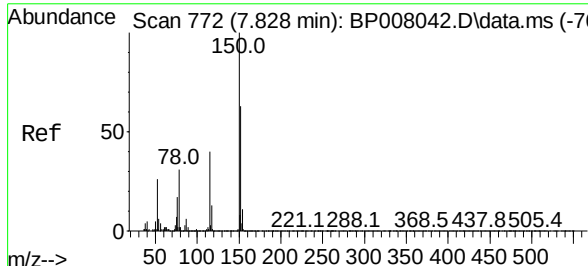
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112021\
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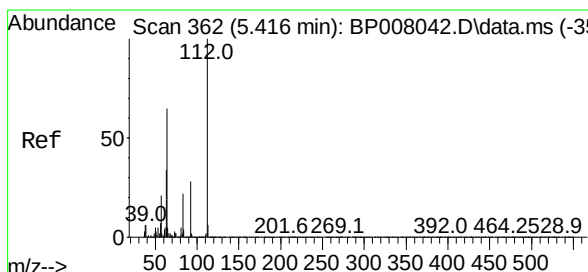
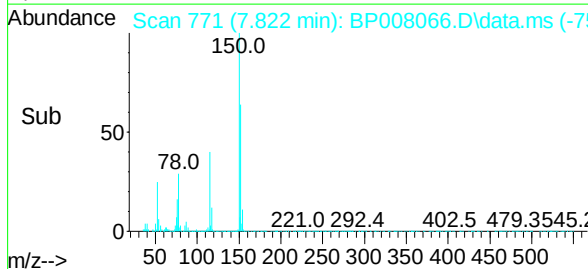
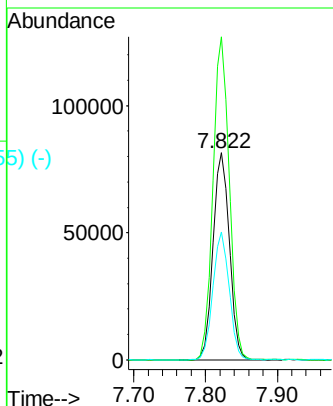
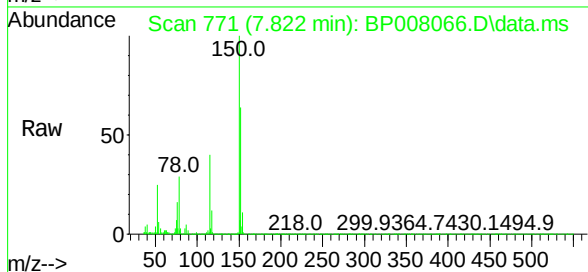




Scan 772 (7.828 min): BP008042.D\data.ms (-763) #1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.822 min Scan#
 Delta R.T. -0.006 min
 Lab File: BP008066.D
 Acq: 20 Nov 2021 19:57

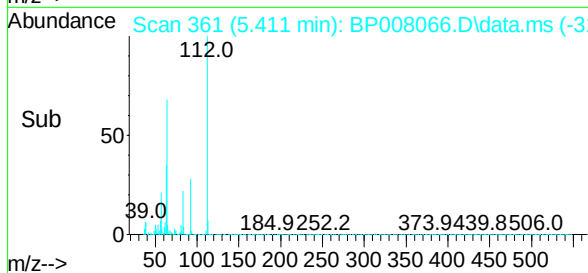
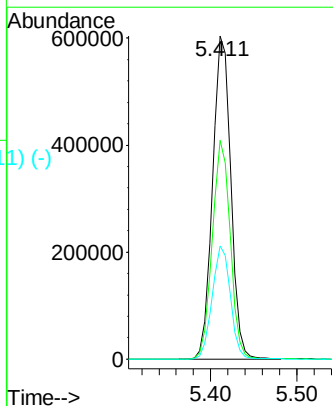
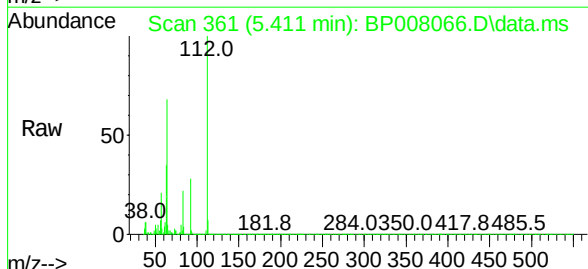
Instrument :
 BNA_P
 ClientSampleId :
 JC-02-111621

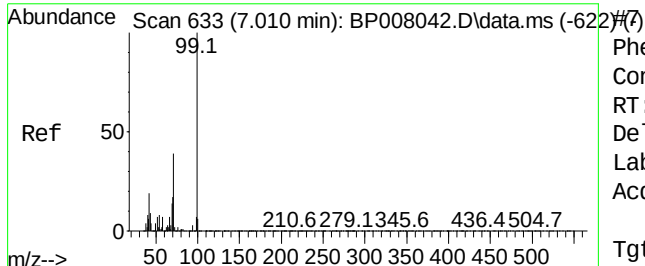
Tgt Ion:	152	Resp:	128742
Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.5	189.7
115	61.8	50.6	75.8



Scan 362 (5.416 min): BP008042.D\data.ms (-350) #5
 2-Fluorophenol
 Concen: 118.25 ng
 RT: 5.411 min Scan# 361
 Delta R.T. -0.005 min
 Lab File: BP008066.D
 Acq: 20 Nov 2021 19:57

Tgt Ion:	112	Resp:	890680
Ion	Ratio	Lower	Upper
112	100		
64	67.7	51.7	77.5
63	35.1	27.4	41.0





Phenol-d6

Concen: 113.95 ng

RT: 6.999 min Scan#

Delta R.T. -0.011 min

Lab File: BP008066.D

Acq: 20 Nov 2021 19:57

Instrument :

BNA_P

ClientSampleId :

JC-02-111621

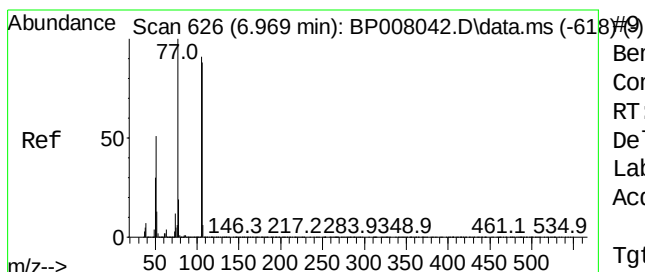
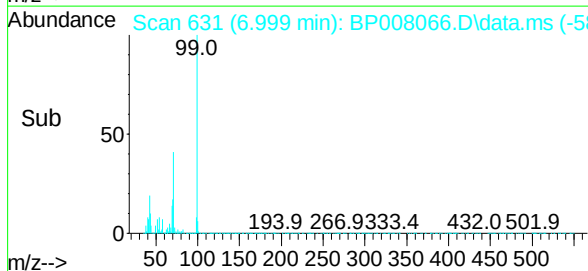
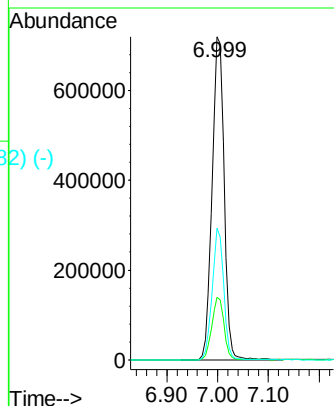
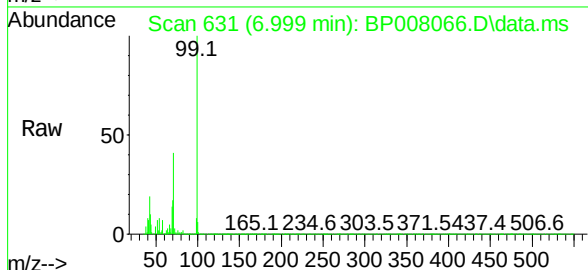
Tgt Ion: 99 Resp: 1189682

Ion Ratio Lower Upper

99 100

42 19.4 15.4 23.2

71 40.7 31.0 46.6



Benzaldehyde

Concen: Below Cal

RT: 6.993 min Scan# 630

Delta R.T. 0.024 min

Lab File: BP008066.D

Acq: 20 Nov 2021 19:57

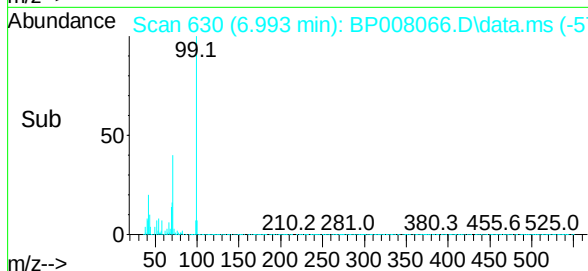
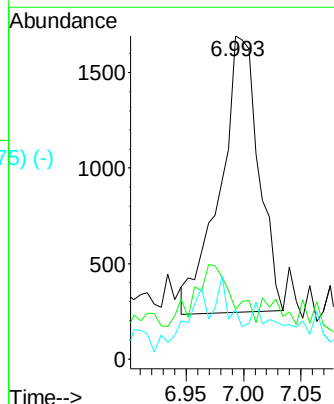
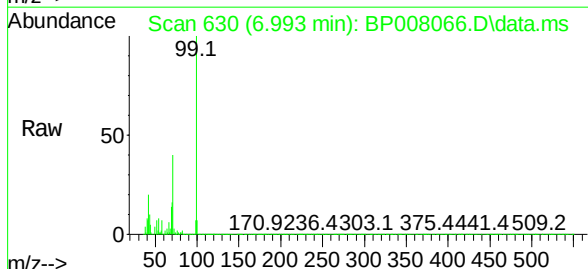
Tgt Ion: 77 Resp: 3355

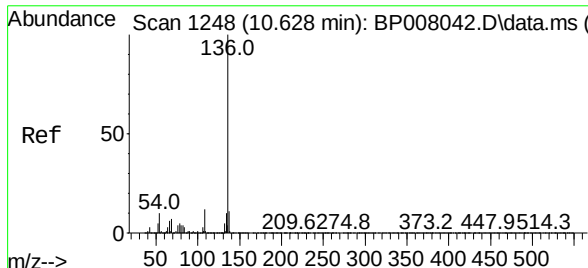
Ion Ratio Lower Upper

77 100

105 15.5 71.5 111.5#

106 15.2 67.9 107.9#

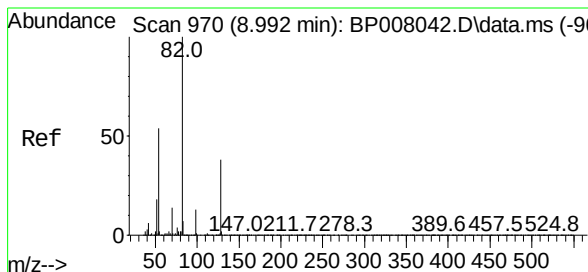
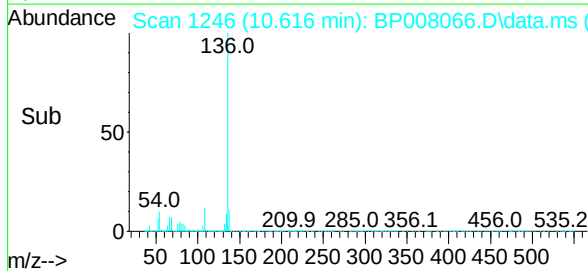
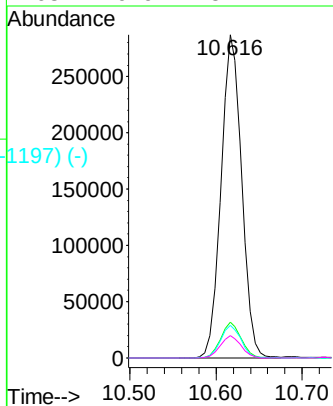
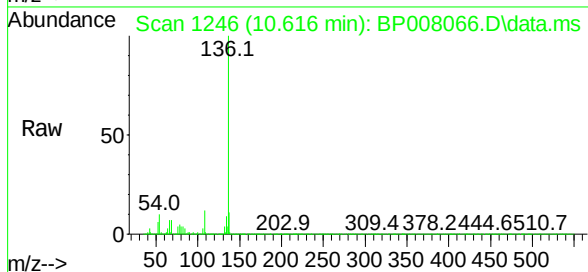




Naphthalene-d8
Concen: 20.00 ng
RT: 10.616 min Scan# 1246
Delta R.T. -0.012 min
Lab File: BP008066.D
Acq: 20 Nov 2021 19:57

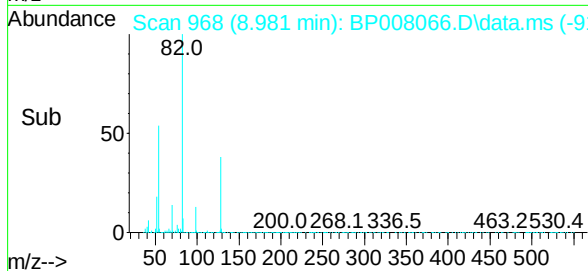
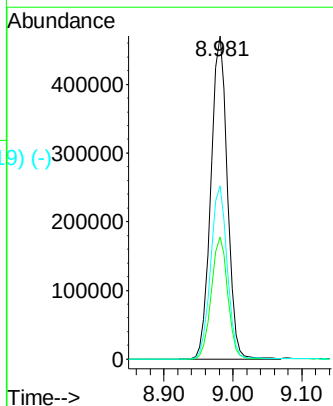
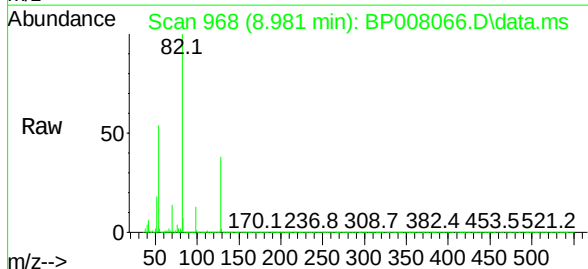
Instrument :
BNA_P
ClientSampleId :
JC-02-111621

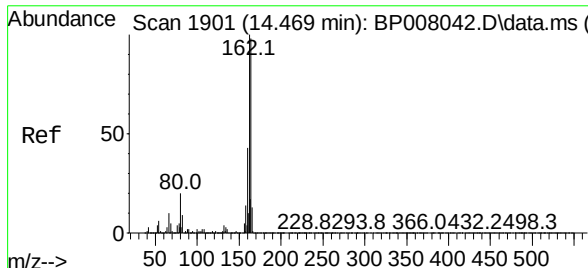
Tgt Ion:	136	Resp:	482014
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.1	8.0	12.0
68	6.9	5.2	7.8



Nitrobenzene-d5
Concen: 73.53 ng
RT: 8.981 min Scan# 968
Delta R.T. -0.011 min
Lab File: BP008066.D
Acq: 20 Nov 2021 19:57

Tgt Ion:	82	Resp:	781222
Ion	Ratio	Lower	Upper
82	100		
128	37.8	30.2	45.2
54	53.7	43.1	64.7

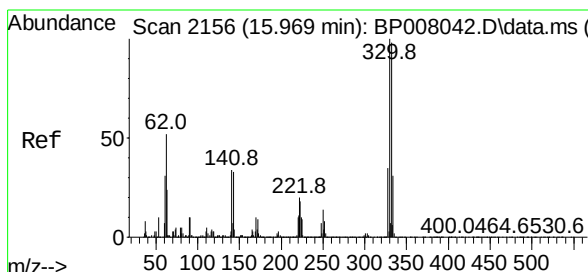
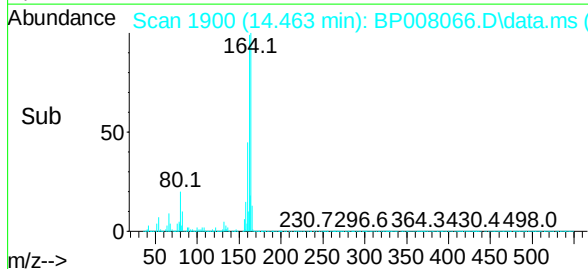
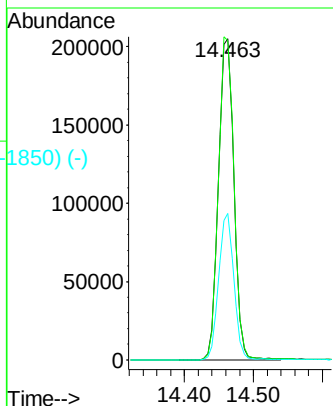
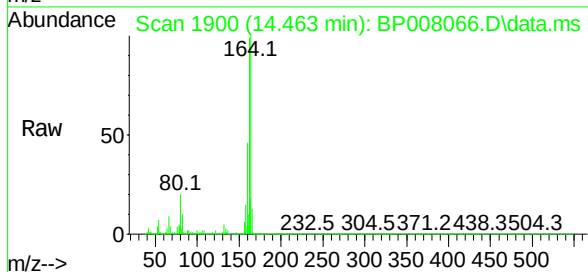




Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.463 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BP008066.D
 Acq: 20 Nov 2021 19:57

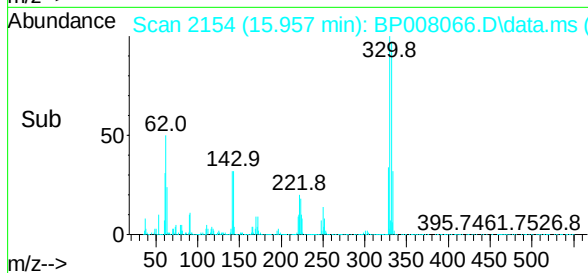
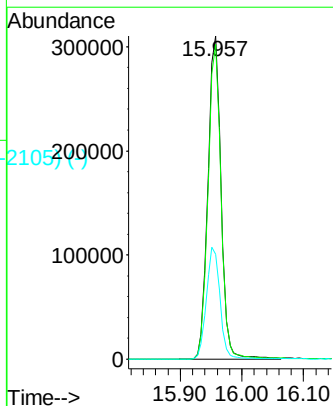
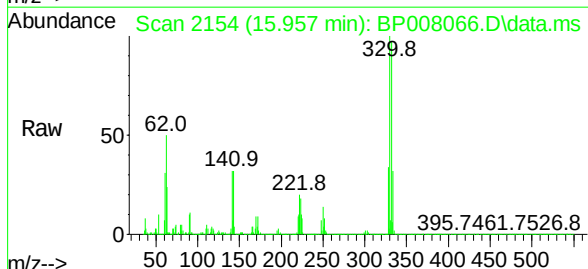
Instrument :
 BNA_P
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 JC-02-111621

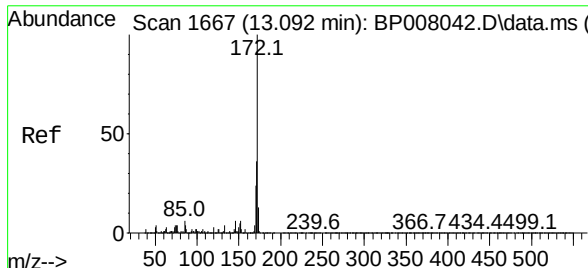
Tgt Ion:	164	Resp:	319923
Ion Ratio	Lower	Upper	
164	100		
162	99.3	81.8	122.8
160	45.5	35.1	52.7



2,4,6-Tribromophenol
 Concen: 113.71 ng
 RT: 15.957 min Scan# 2154
 Delta R.T. -0.012 min
 Lab File: BP008066.D
 Acq: 20 Nov 2021 19:57

Tgt Ion:	330	Resp:	460361
Ion Ratio	Lower	Upper	
330	100		
332	96.1	78.0	117.0
141	35.7	29.6	44.4

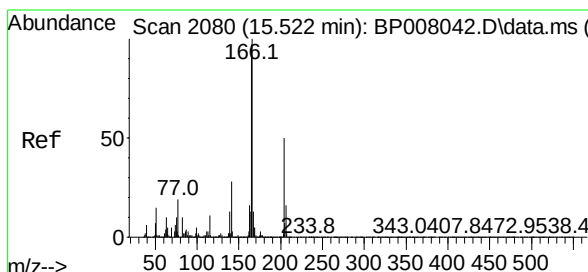
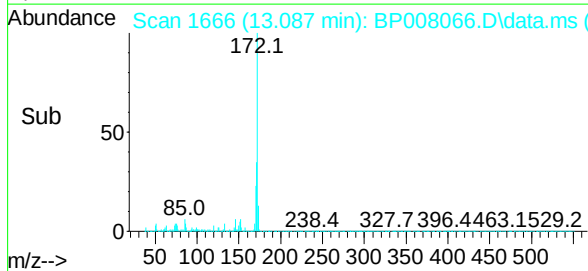
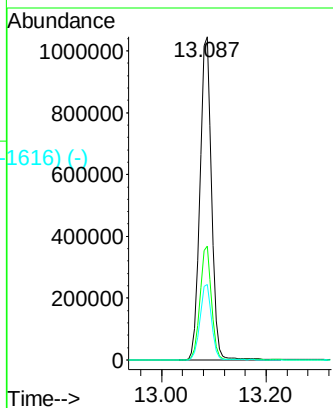
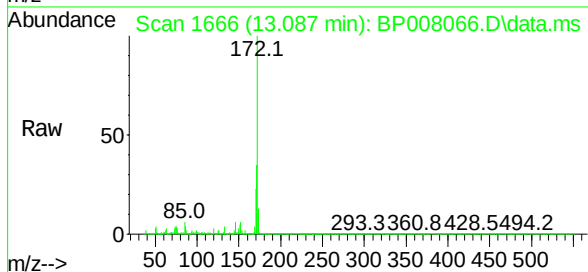




Scan 1667 (13.092 min): BP008042.D\data.ms (-1656) (-)
 2-Fluorobiphenyl
 Concen: 78.54 ng
 RT: 13.087 min Scan# 1667
 Delta R.T. -0.005 min
 Lab File: BP008066.D
 Acq: 20 Nov 2021 19:57

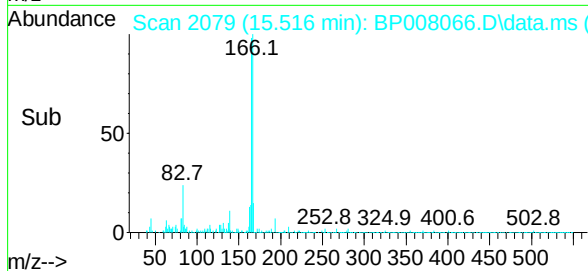
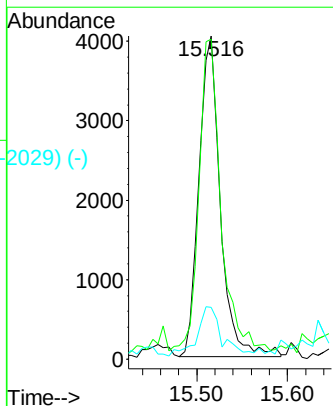
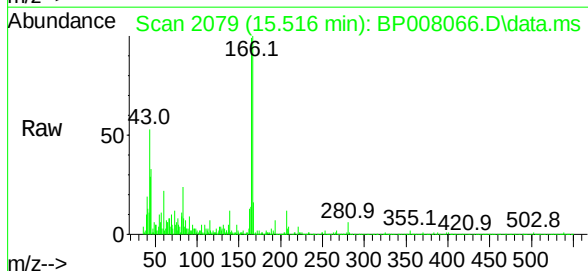
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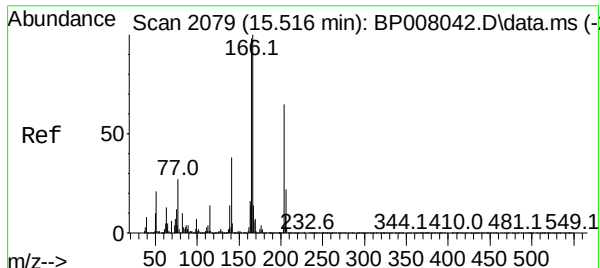
Tgt Ion:	172	Resp:	1604629
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.3	19.0	28.4



Scan 2080 (15.522 min): BP008042.D\data.ms (-2075) (-)
 Fluorene
 Concen: Below Cal
 RT: 15.516 min Scan# 2079
 Delta R.T. -0.006 min
 Lab File: BP008066.D
 Acq: 20 Nov 2021 19:57

Tgt Ion:	166	Resp:	6603
Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.4	116.0
167	16.1	10.7	16.1#

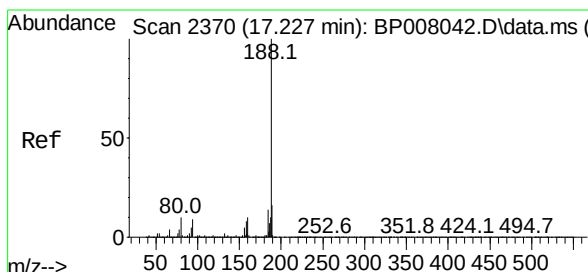
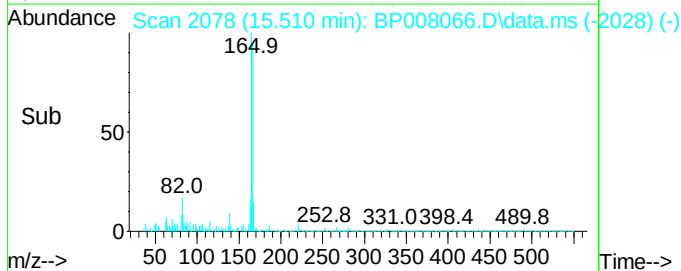
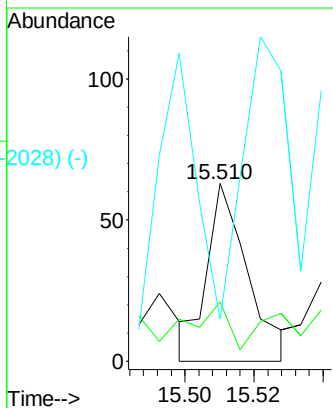
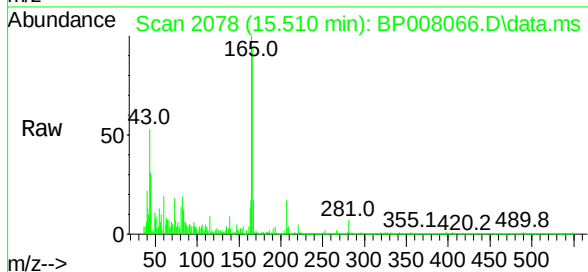




Scan 2079 (15.516 min): BP008042.D\data.ms (-2069) (-)
 4-Chlorophenyl-phenylether
 Concen: Below Cal
 RT: 15.510 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BP008066.D
 Acq: 20 Nov 2021 19:57

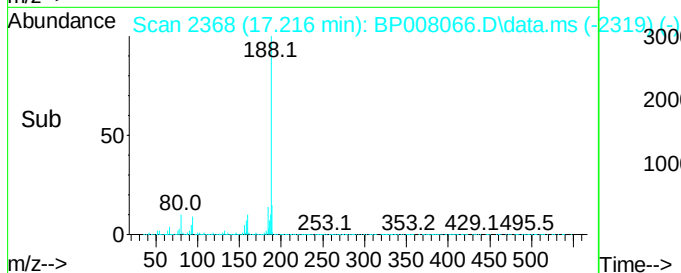
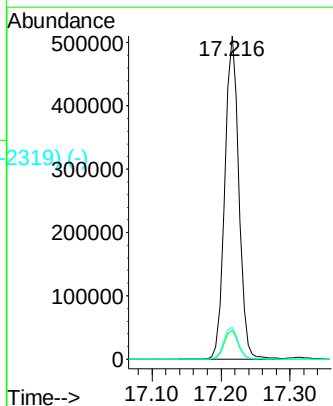
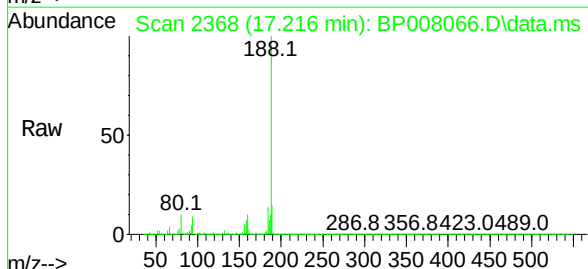
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Tgt Ion:	204	Resp:	52
Ion	Ratio	Lower	Upper
204	100		
206	33.3	27.3	40.9
141	23.8	46.7	70.1#



Scan 2370 (17.227 min): BP008042.D\data.ms (-2368) (-)
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.216 min Scan# 2368
 Delta R.T. -0.011 min
 Lab File: BP008066.D
 Acq: 20 Nov 2021 19:57

Tgt Ion:	188	Resp:	719488
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.1	10.7
80	10.0	8.1	12.1



Abundance Scan 2252 (16.533 min): BP008042.D\data.ms (-2268) (-)

Hexachlorobenzene

Concen: 2.07 ng

RT: 16.522 min Scan# 2710

Delta R.T. -0.011 min

Lab File: BP008066.D

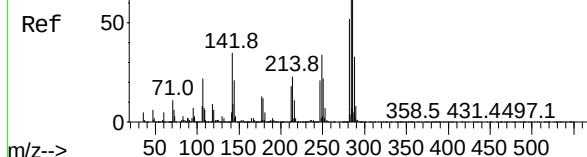
Acq: 20 Nov 2021 19:57

Instrument :

BNA_P

ClientSampleId :

JC-02-111621



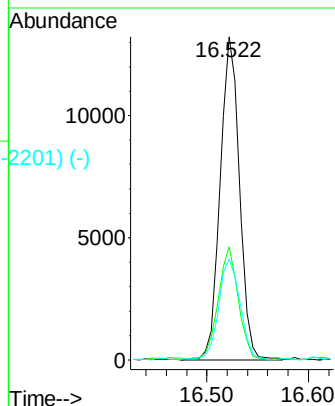
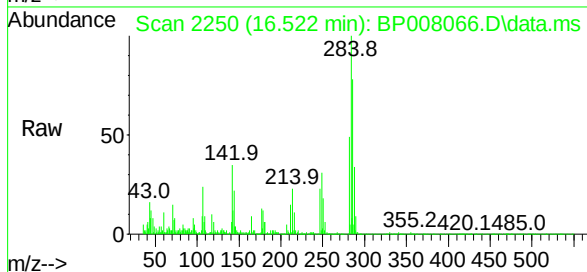
Tgt Ion:284 Resp: 17433

Ion Ratio Lower Upper

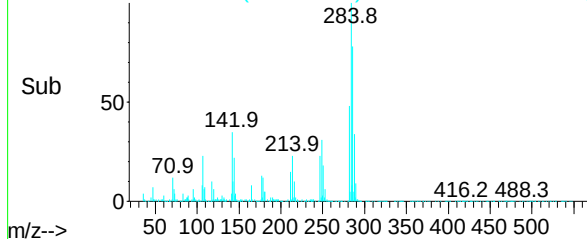
284 100

142 35.0 28.1 42.1

249 31.3 27.0 40.6



Abundance Scan 2250 (16.522 min): BP008066.D\data.ms (-2201) (-)



Abundance Scan 2712 (19.239 min): BP008042.D\data.ms (-2705) (-)

Fluoranthene

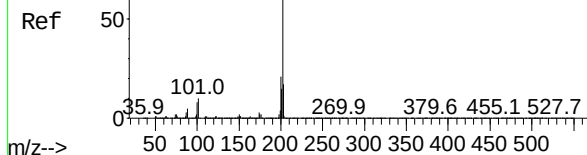
Concen: 3.04 ng

RT: 19.228 min Scan# 2710

Delta R.T. -0.011 min

Lab File: BP008066.D

Acq: 20 Nov 2021 19:57



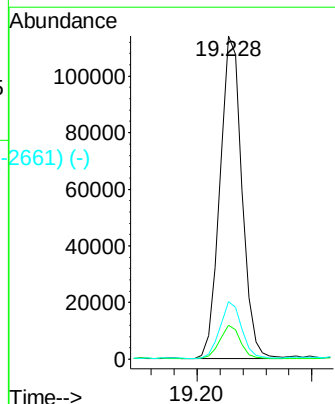
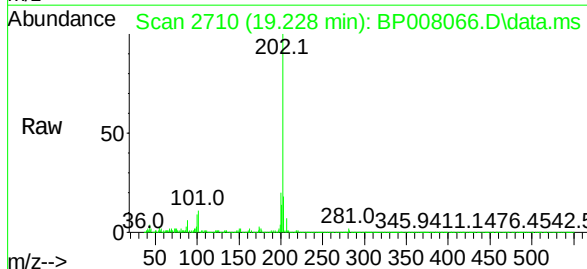
Tgt Ion:202 Resp: 152045

Ion Ratio Lower Upper

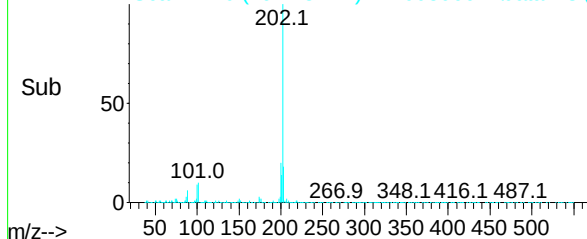
202 100

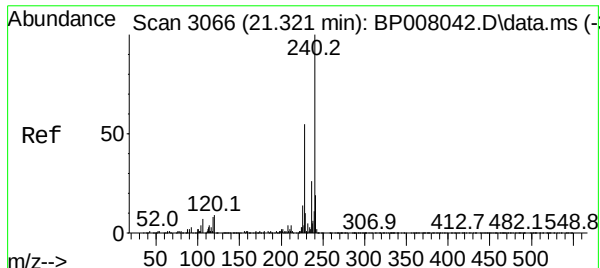
101 10.5 0.0 29.5

203 17.7 0.0 37.3



Abundance Scan 2710 (19.228 min): BP008066.D\data.ms (-2661) (-)

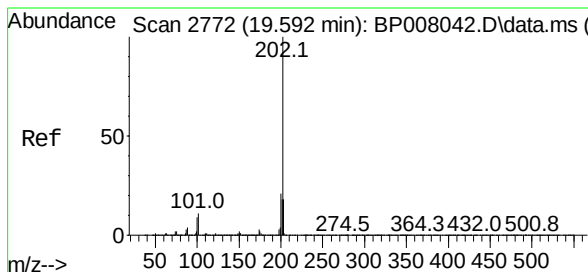
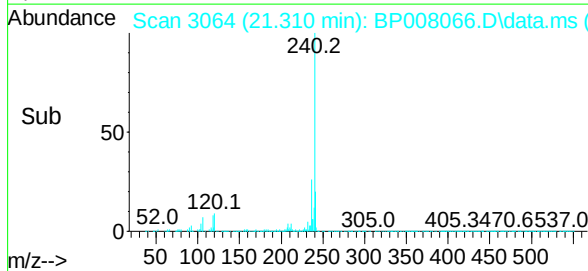
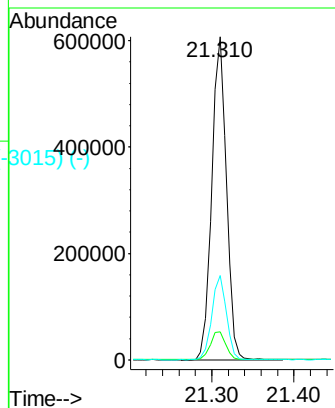
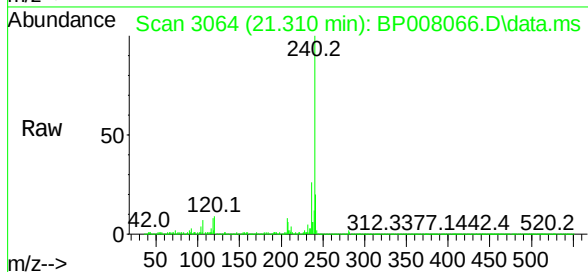




Chrysene-d12
 Concen: 20.00 ng
 RT: 21.310 min Scan# 3066
 Delta R.T. -0.011 min
 Lab File: BP008066.D
 Acq: 20 Nov 2021 19:57

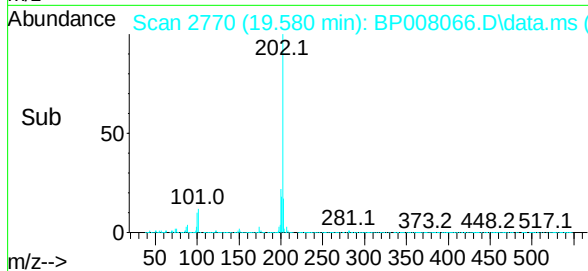
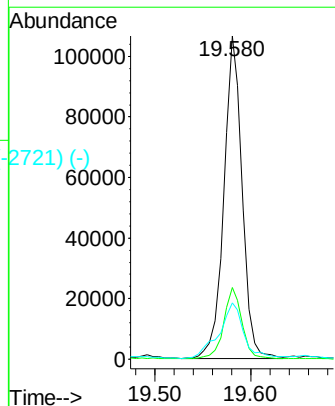
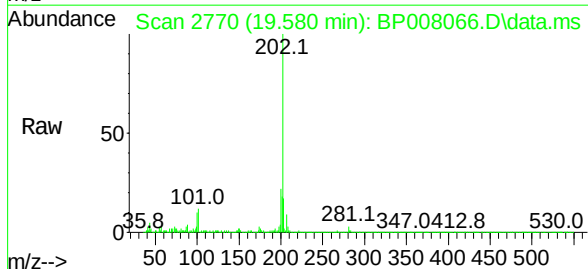
Instrument :
 BNA_P
 ClientSampleId :
 JC-02-111621

Tgt Ion:	240	Resp:	752651
Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.4	11.2
236	26.2	21.0	31.4



Pyrene
 Concen: 2.76 ng
 RT: 19.580 min Scan# 2770
 Delta R.T. -0.011 min
 Lab File: BP008066.D
 Acq: 20 Nov 2021 19:57

Tgt Ion:	202	Resp:	141208
Ion	Ratio	Lower	Upper
202	100		
200	22.2	16.9	25.3
203	17.3	14.2	21.2



Abundance Scan 2807 (19.798 min): BP008042.D\data.ms (-2754) (-)

Terphenyl-d14

Concen: 69.21 ng

RT: 19.780 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP008066.D

Acq: 20 Nov 2021 19:57

Instrument :

BNA_P

ClientSampleId :

JC-02-111621

Tgt Ion:244 Resp: 2649431

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

122 9.0 6.1 9.1

Abundance Scan 2804 (19.780 min): BP008066.D\data.ms

Ref 50

244.2

54.0 122.1

310.8376.0441.4 520.8

m/z--> 50 100 150 200 250 300 350 400 450 500

Abundance Scan 2804 (19.780 min): BP008066.D\data.ms (-2756) (-)

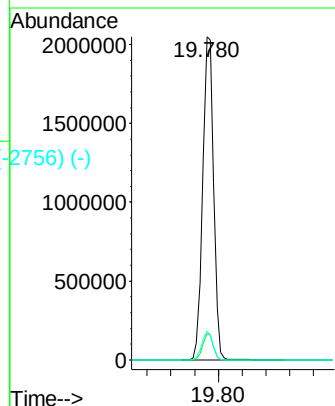
Sub 50

244.2

54.0 122.1

328.9397.9464.5533.0

m/z--> 50 100 150 200 250 300 350 400 450 500



Abundance Scan 3052 (21.239 min): BP008042.D\data.ms (-3040) (-)

3,3'-Dichlorobenzidine

Concen: Below Cal

RT: 21.222 min Scan# 3049

Delta R.T. -0.017 min

Lab File: BP008066.D

Acq: 20 Nov 2021 19:57

Tgt Ion:252 Resp: 247

Ion Ratio Lower Upper

252 100

254 29.9 51.8 77.8#

126 31.2 7.2 10.8#

Abundance Scan 3049 (21.222 min): BP008066.D\data.ms

Ref 50

207.0

73.0 139.0

281.0 355.1 429.0 524.8

m/z--> 50 100 150 200 250 300 350 400 450 500

Abundance Scan 3049 (21.222 min): BP008066.D\data.ms (-3001) (-)

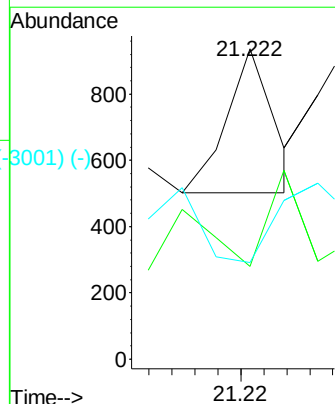
Sub 50

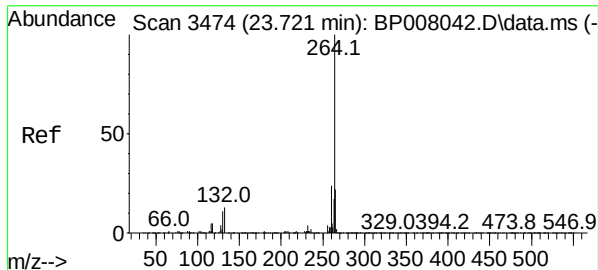
207.0

57.0 133.0

281.0 355.1 461.1 537.6

m/z--> 50 100 150 200 250 300 350 400 450 500

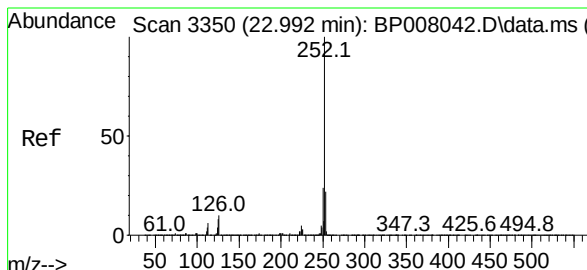
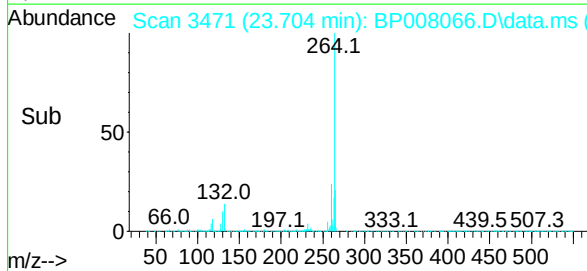
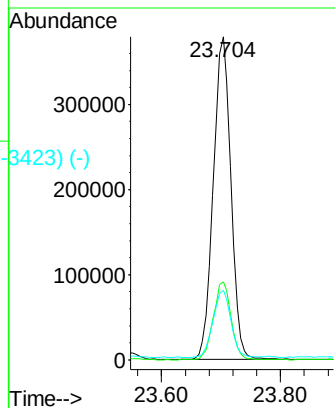
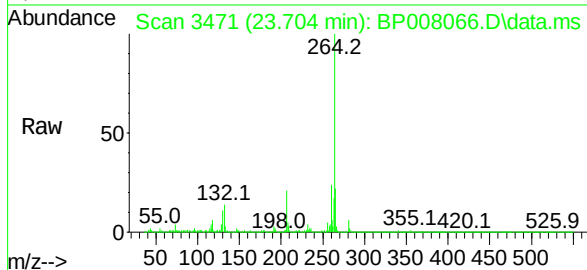




Perylene-d12
Concen: 20.00 ng
RT: 23.704 min Scan# 458
Delta R.T. -0.017 min
Lab File: BP008066.D
Acq: 20 Nov 2021 19:57

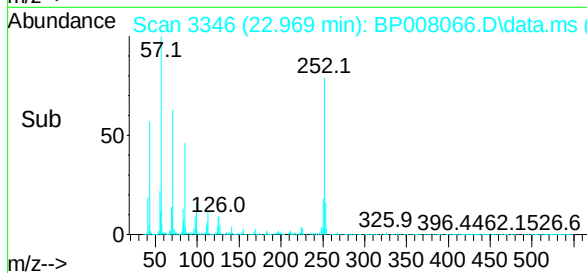
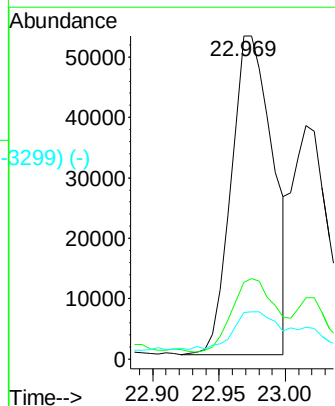
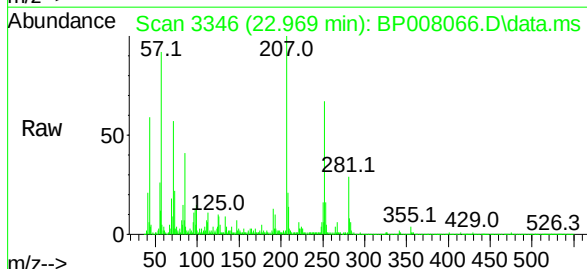
Instrument :
BNA_P
ClientSampleId :
JC-02-111621

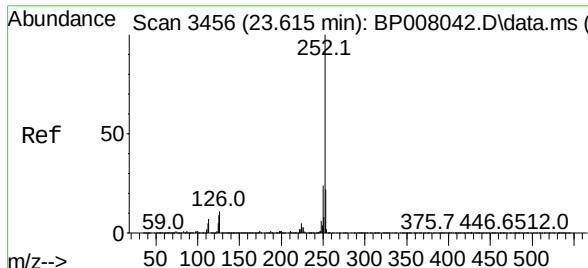
Tgt Ion:	264	Resp:	777558
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.0	28.6
265	21.6	17.7	26.5



Benzo(b)fluoranthene
Concen: 2.36 ng
RT: 22.969 min Scan# 3346
Delta R.T. -0.023 min
Lab File: BP008066.D
Acq: 20 Nov 2021 19:57

Tgt Ion:	252	Resp:	114960
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.4	26.2
125	14.4	6.1	9.1#





Benzo(a)pyrene
 Concen: 2.39 ng
 RT: 23.592 min Scan# 3456
 Delta R.T. -0.023 min
 Lab File: BP008066.D
 Acq: 20 Nov 2021 19:57

Instrument :
 BNA_P
 ClientSampleId :
 JC-02-111621

Tgt Ion:	252	Resp:	97358
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.4	26.2
125	15.1	7.4	11.2#

