

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053024\
 Data File : BP020481.D
 Acq On : 30 May 2024 10:43
 Operator : MA/JU
 Sample : PB160503BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB160503BL

Quant Time: May 30 11:14:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 03:41:03 2024
 Response via : Initial Calibration

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

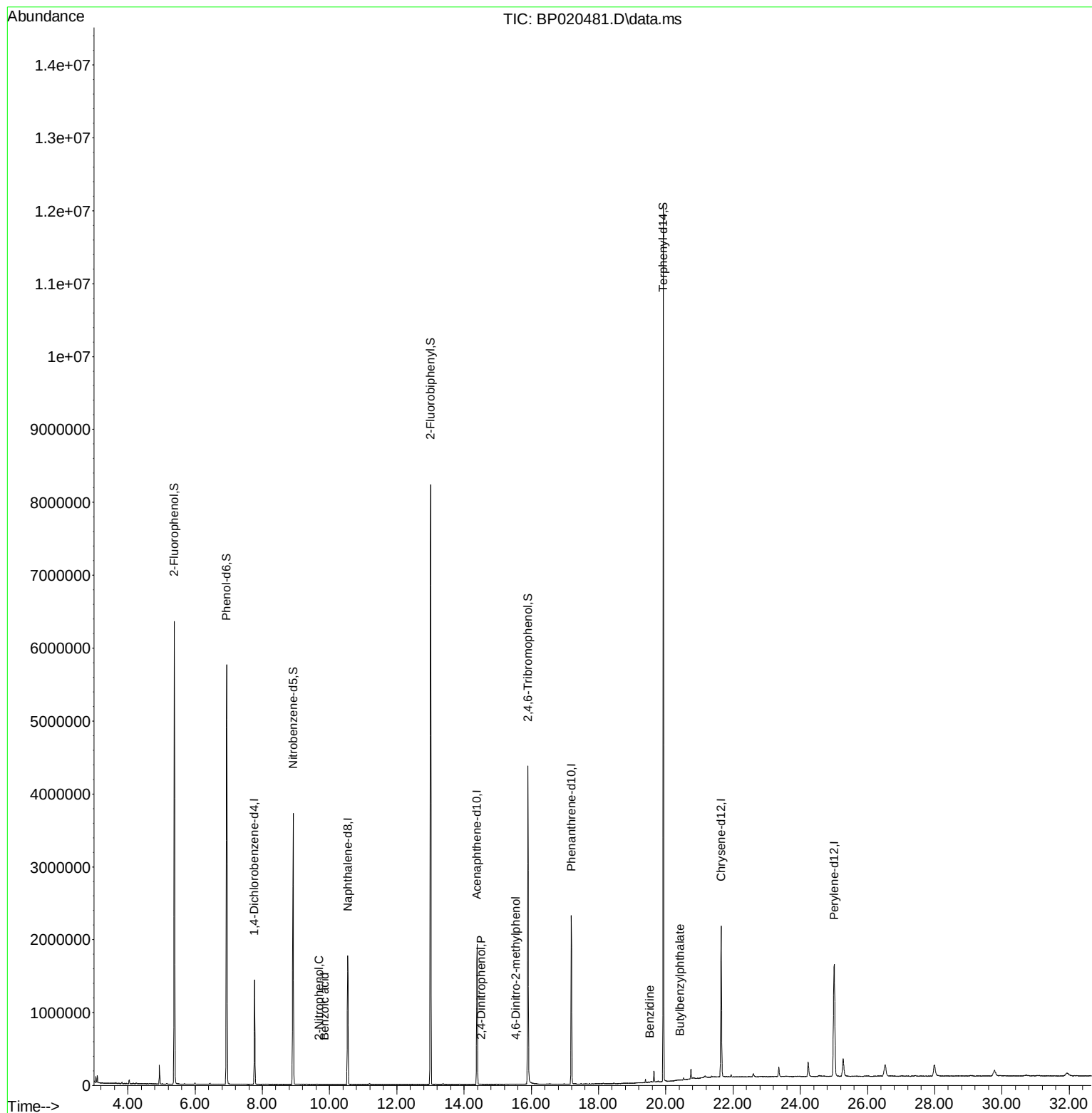
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	360953	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	1330992	20.000	ng	0.00
39) Acenaphthene-d10	14.386	164	722944	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1360768	20.000	ng	-0.01
76) Chrysene-d12	21.651	240	1347165	20.000	ng	-0.02
86) Perylene-d12	25.015	264	1701622	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2646912	131.296	ng	0.00
7) Phenol-d6	6.940	99	3282147	115.445	ng	0.00
23) Nitrobenzene-d5	8.916	82	2091194	86.005	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	870166	115.979	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	4381640	90.350	ng	0.00
79) Terphenyl-d14	19.927	244	5529722	68.332	ng	-0.02
Target Compounds						
26) 2-Nitrophenol	9.693	139	21	3.793	ng	98
32) Benzoic acid	9.851	122	19	6.849	ng	# 1
54) 2,4-Dinitrophenol	14.510	184	34	4.983	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.539	198	16	7.656	ng	# 1
77) Benzidine	19.522	184	463	5.979	ng	# 82
80) Butylbenzylphthalate	20.427	149	94	2.433	ng	89

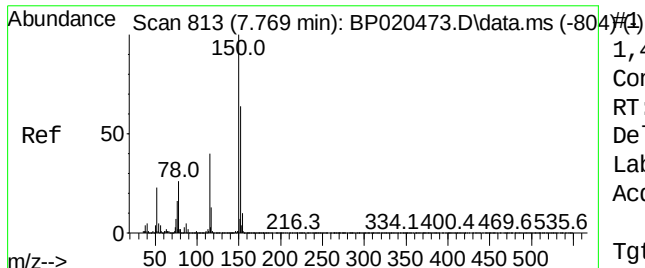
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.769 min Scan# 813

Delta R.T. 0.000 min

Lab File: BP020481.D

Acq: 30 May 2024 10:43

Instrument :

BNA_P

ClientSampleId :

PB160503BL

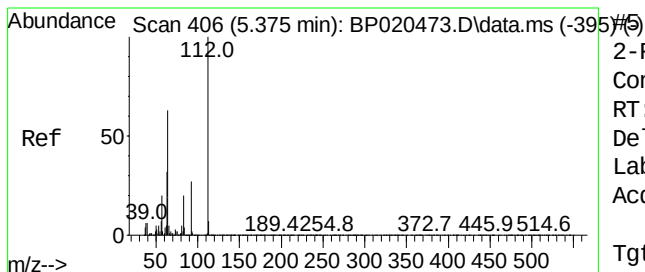
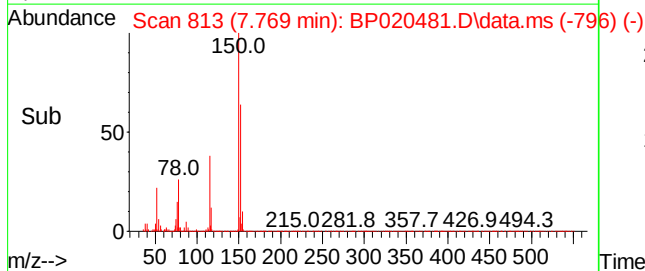
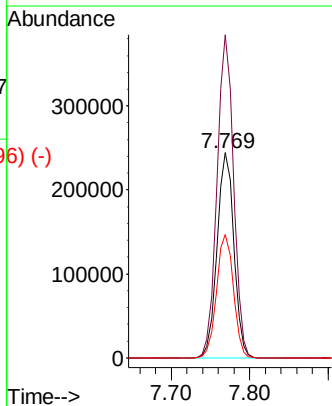
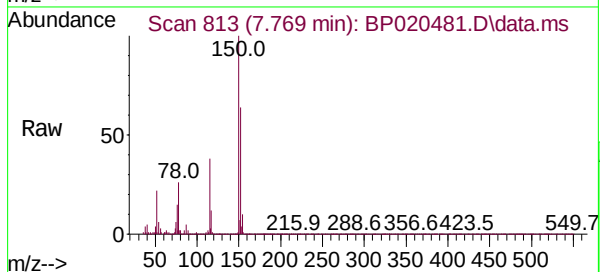
Tgt Ion:152 Resp: 360953

Ion Ratio Lower Upper

152 100

150 157.4 124.2 186.2

115 60.1 49.5 74.3



2-Fluorophenol

Concen: 131.296 ng

RT: 5.381 min Scan# 407

Delta R.T. 0.006 min

Lab File: BP020481.D

Acq: 30 May 2024 10:43

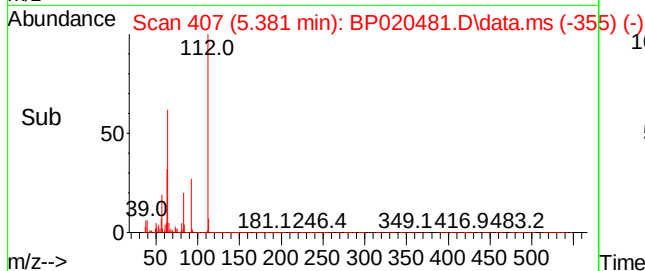
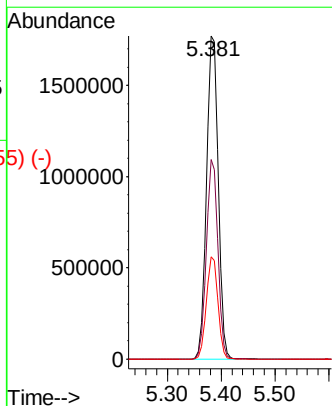
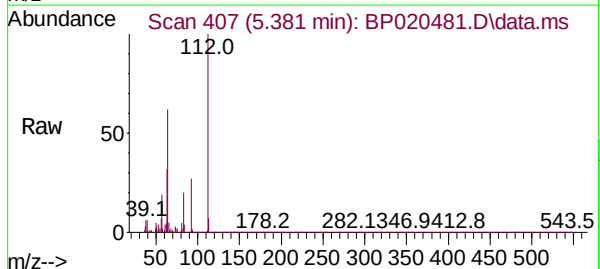
Tgt Ion:112 Resp: 2646912

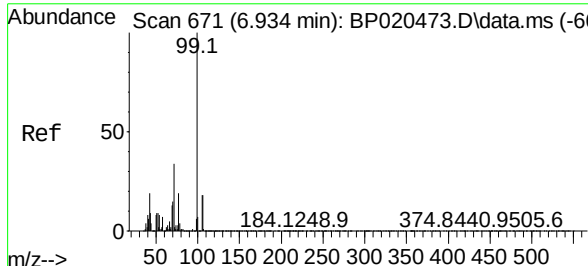
Ion Ratio Lower Upper

112 100

64 61.7 50.1 75.1

63 31.6 25.7 38.5



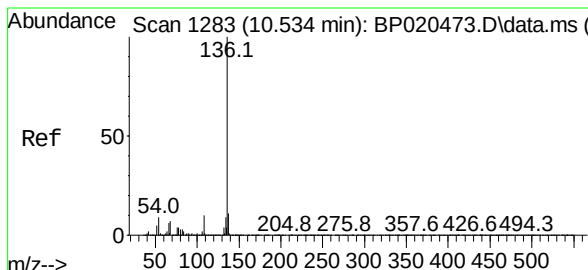
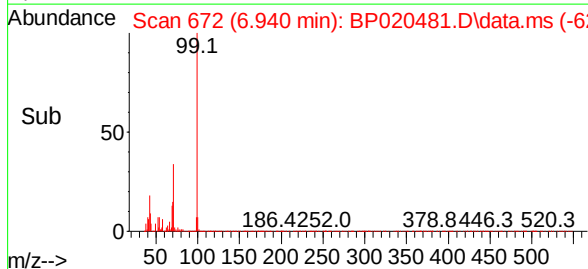
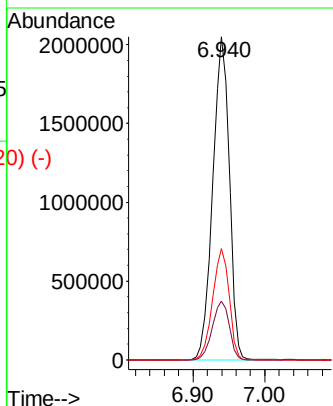
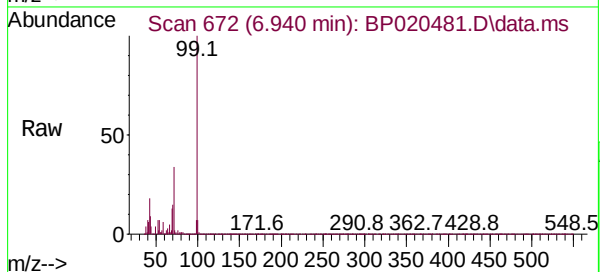


Phenol-d6
 Concen: 115.445 ng
 RT: 6.940 min Scan# 1271
 Delta R.T. 0.006 min
 Lab File: BP020481.D
 Acq: 30 May 2024 10:43

Instrument :
 BNA_P
 ClientSampleId :
 PB160503BL

Tgt Ion: 99 Resp: 3282147

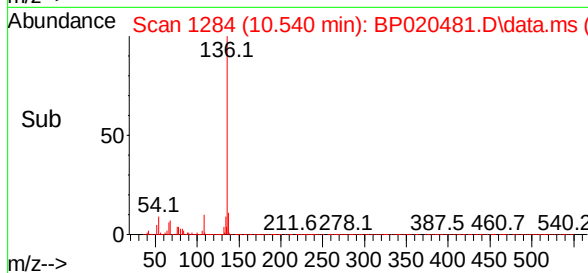
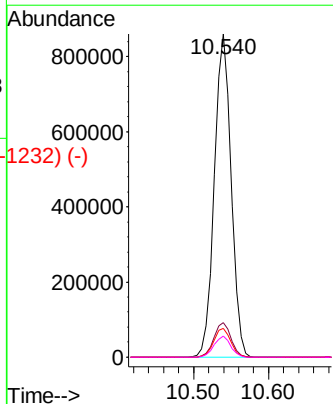
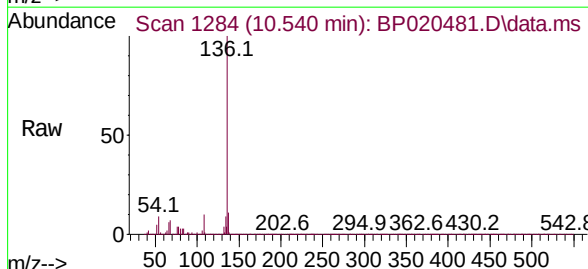
Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.0	22.4
71	34.5	27.3	40.9

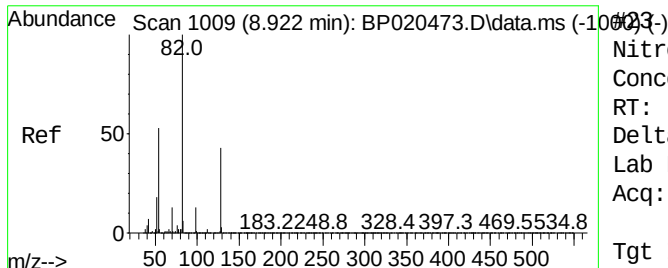


Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.540 min Scan# 1284
 Delta R.T. 0.006 min
 Lab File: BP020481.D
 Acq: 30 May 2024 10:43

Tgt Ion: 136 Resp: 1330992

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	9.0	7.4	11.0
68	6.6	5.2	7.8





Nitrobenzene-d5

Concen: 86.005 ng

RT: 8.916 min Scan#

Delta R.T. -0.006 min

Lab File: BP020481.D

Acq: 30 May 2024 10:43

Instrument :

BNA_P

ClientSampleId :

PB160503BL

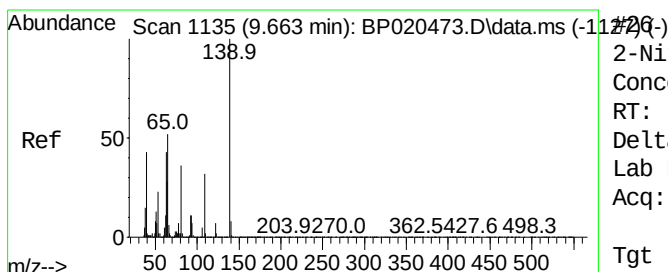
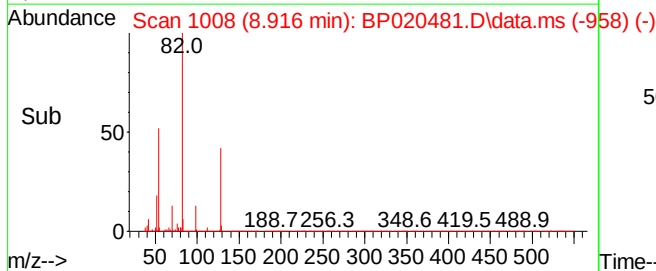
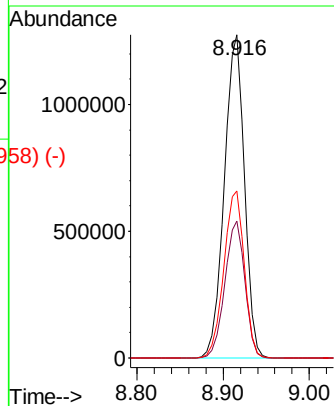
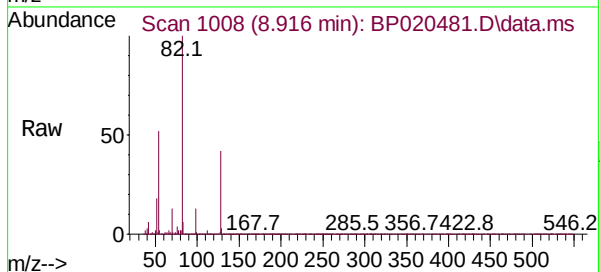
Tgt Ion: 82 Resp: 2091194

Ion	Ratio	Lower	Upper
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82	100		
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128	42.4	34.2	51.4
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54	51.8	42.7	64.1
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2-Nitrophenol

Concen: 3.793 ng

RT: 9.693 min Scan# 1140

Delta R.T. 0.030 min

Lab File: BP020481.D

Acq: 30 May 2024 10:43

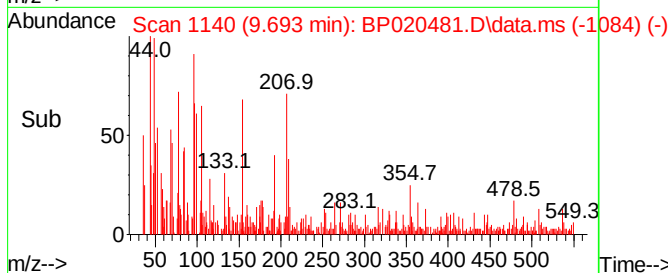
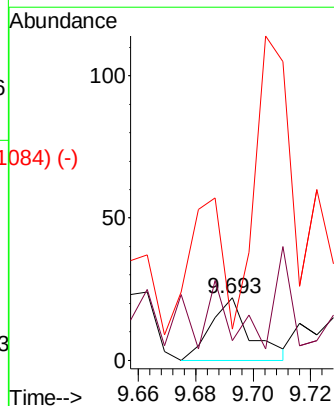
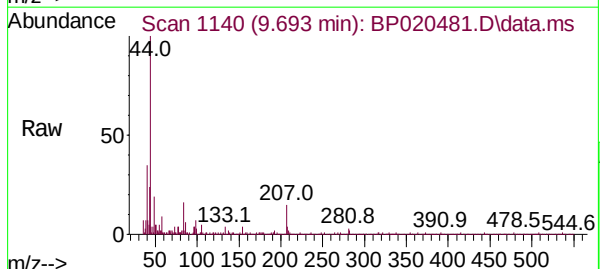
Tgt Ion: 139 Resp: 21

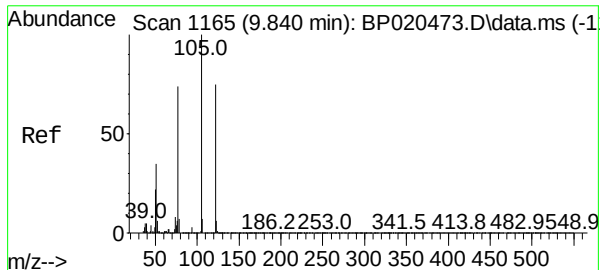
Ion	Ratio	Lower	Upper
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139	100		
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109	31.8	25.8	38.8
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65	50.0	41.8	62.8
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Benzoic acid

Concen: 6.849 ng

RT: 9.851 min Scan# 1165

Delta R.T. 0.011 min

Lab File: BP020481.D

Acq: 30 May 2024 10:43

Instrument :

BNA_P

ClientSampleId :

PB160503BL

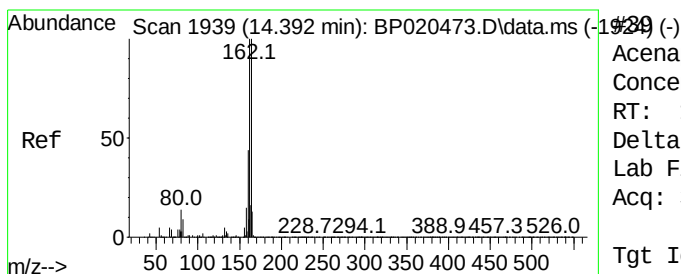
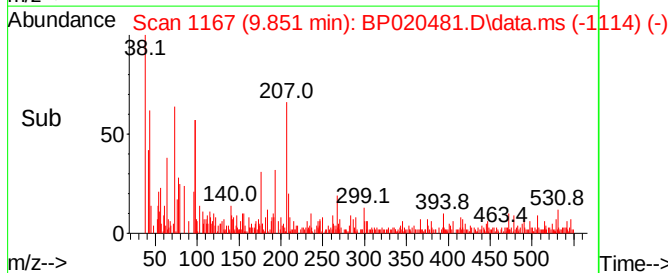
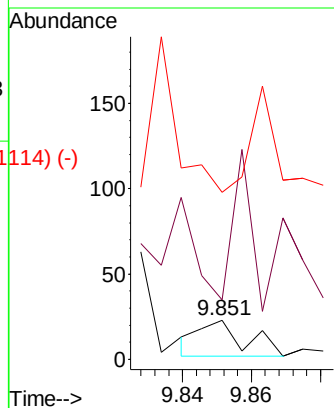
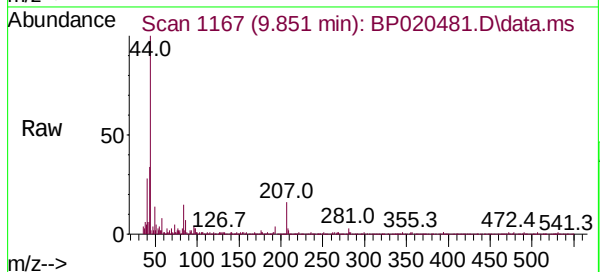
Tgt Ion:122 Resp: 19

Ion Ratio Lower Upper

122 100

105 152.2 107.5 147.5#

77 652.2 76.1 116.1#



Acenaphthene-d10

Concen: 20.000 ng

RT: 14.386 min Scan# 1938

Delta R.T. -0.006 min

Lab File: BP020481.D

Acq: 30 May 2024 10:43

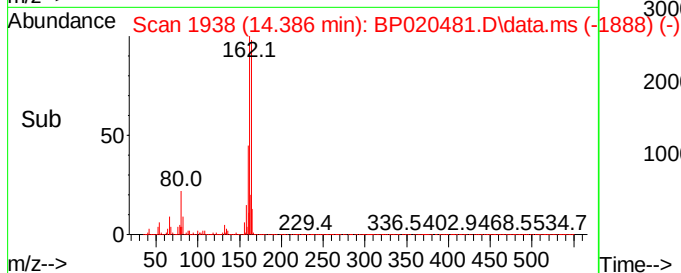
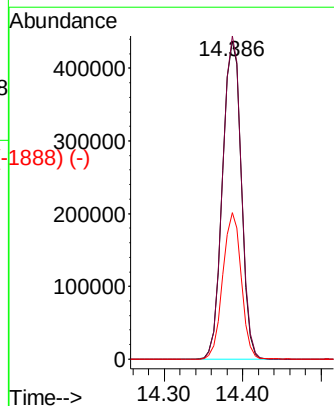
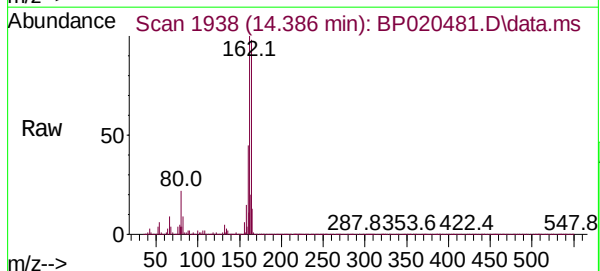
Tgt Ion:164 Resp: 722944

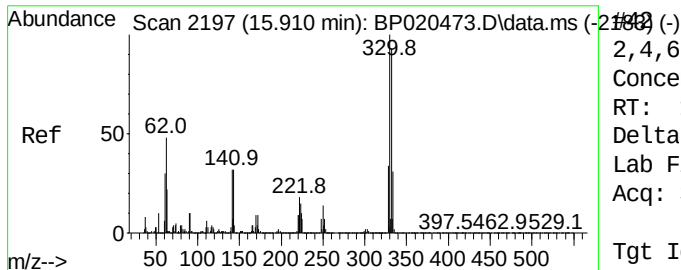
Ion Ratio Lower Upper

164 100

162 101.6 80.3 120.5

160 46.0 35.4 53.2

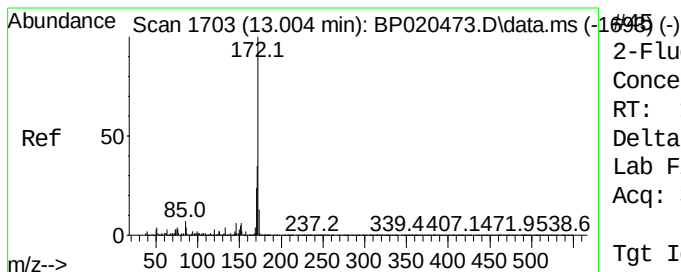
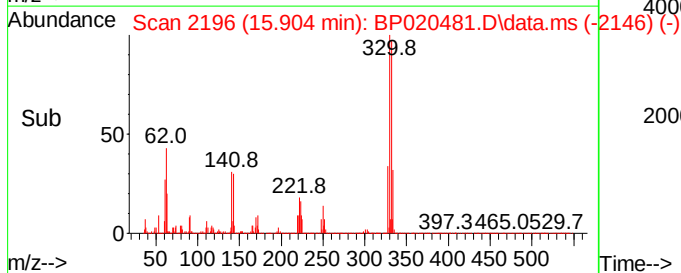
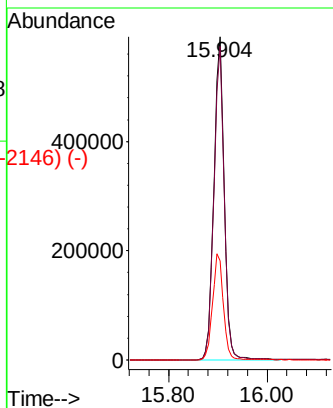
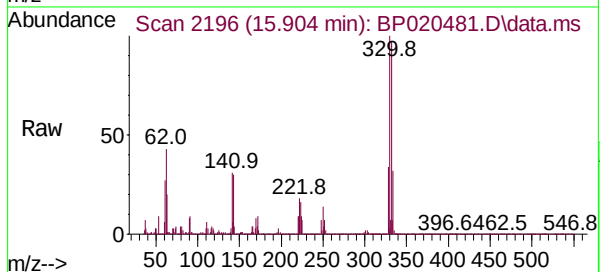




2,4,6-Tribromophenol
Concen: 115.979 ng
RT: 15.904 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP020481.D
Acq: 30 May 2024 10:43

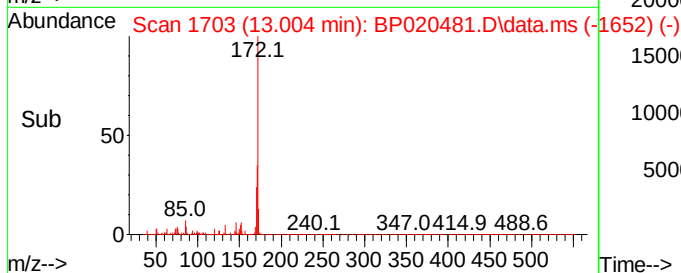
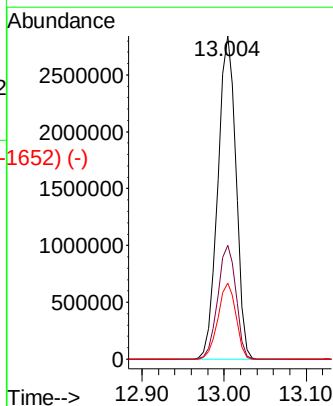
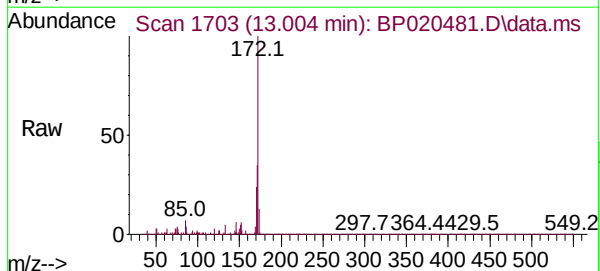
Instrument :
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PB160503BL

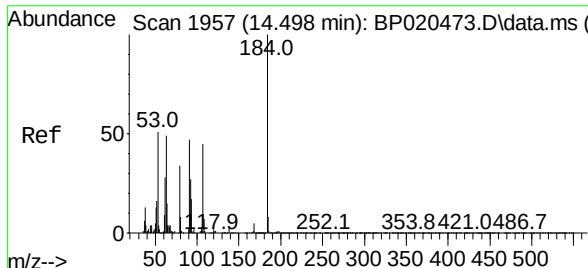
Tgt Ion:	330	Resp:	870166
Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	114.8
141	34.2	27.1	40.7



2-Fluorobiphenyl
Concen: 90.350 ng
RT: 13.004 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BP020481.D
Acq: 30 May 2024 10:43

Tgt Ion:	172	Resp:	4381640
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.4	42.6
170	23.5	18.9	28.3

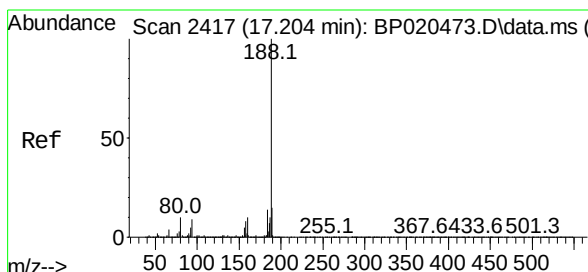
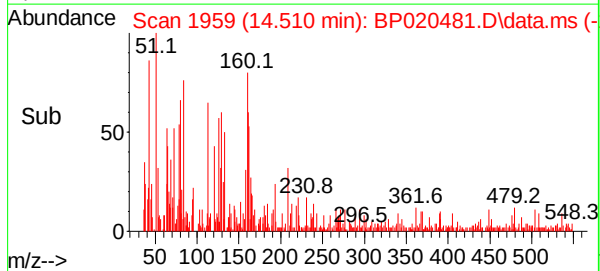
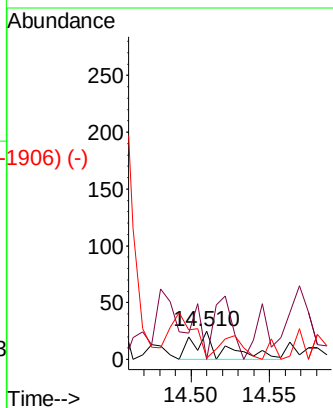
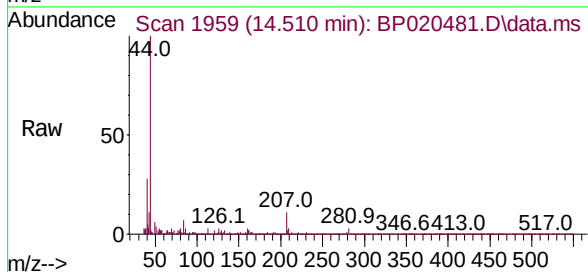




Scan 1957 (14.498 min): BP020473.D\data.ms (-1957) (-)
 2,4-Dinitrophenol
 Concen: 4.983 ng
 RT: 14.510 min Scan# 1957
 Delta R.T. 0.012 min
 Lab File: BP020481.D
 Acq: 30 May 2024 10:43

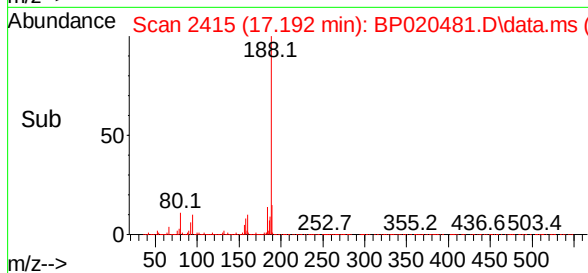
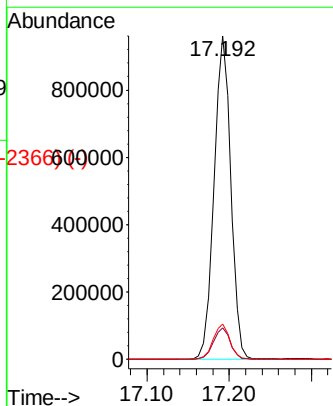
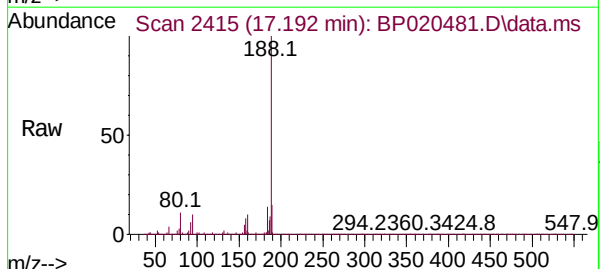
Instrument : BNA_P
 ClientSampleId : PB160503BL

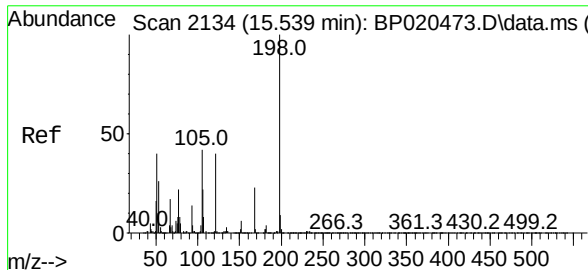
Tgt Ion:	184	Resp:	34
Ion	Ratio	Lower	Upper
184	100		
63	264.0	54.2	81.4#
154	4.0	51.0	76.6#



Scan 2417 (17.204 min): BP020473.D\data.ms (-2417) (-)
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.192 min Scan# 2415
 Delta R.T. -0.012 min
 Lab File: BP020481.D
 Acq: 30 May 2024 10:43

Tgt Ion:	188	Resp:	1360768
Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.2	10.8
80	10.8	8.1	12.1

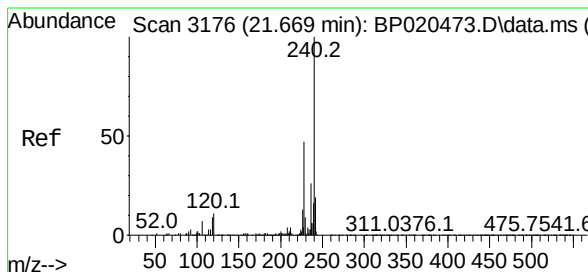
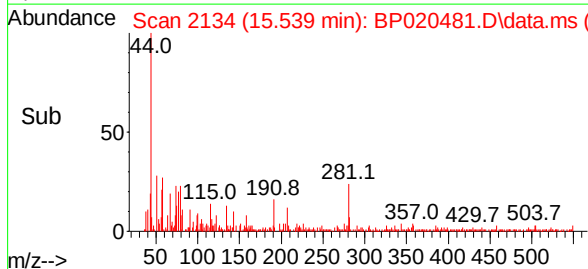
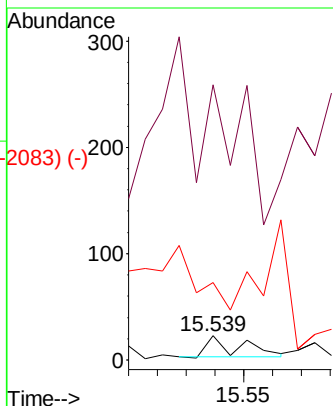
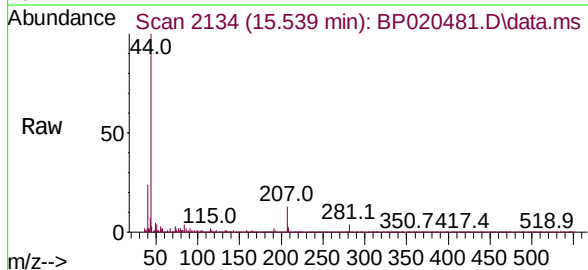




4,6-Dinitro-2-methylphenol
Concen: 7.656 ng
RT: 15.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP020481.D
Acq: 30 May 2024 10:43

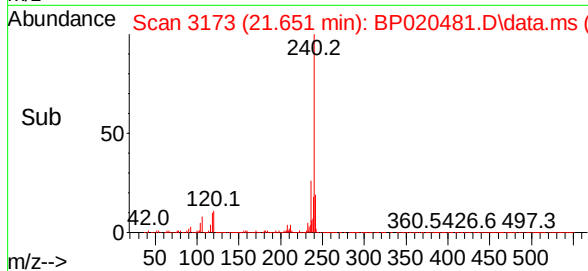
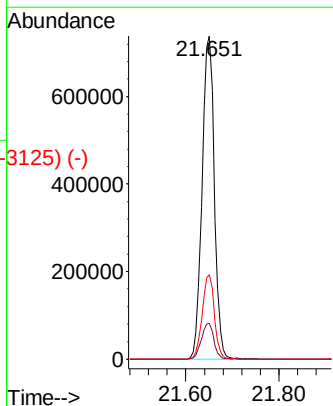
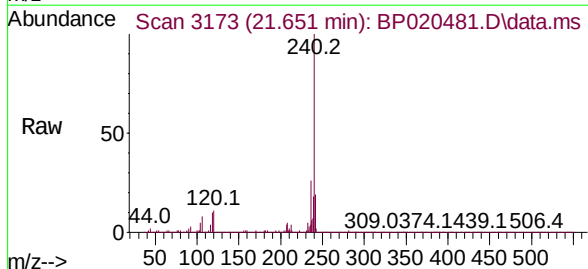
Instrument :
BNA_P
ClientSampleId :
PB160503BL

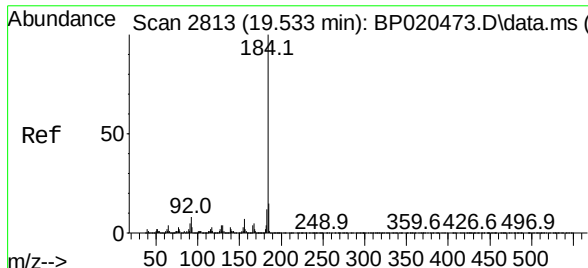
Tgt Ion:198 Resp: 16
Ion Ratio Lower Upper
198 100
51 1126.1 24.8 64.8#
105 317.4 23.2 63.2#



Chrysene-d12
Concen: 20.000 ng
RT: 21.651 min Scan# 3173
Delta R.T. -0.018 min
Lab File: BP020481.D
Acq: 30 May 2024 10:43

Tgt Ion:240 Resp: 1347165
Ion Ratio Lower Upper
240 100
120 11.0 8.5 12.7
236 26.1 20.5 30.7

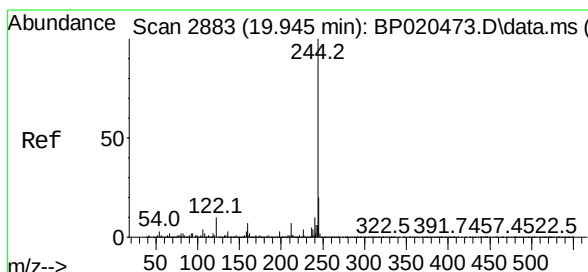
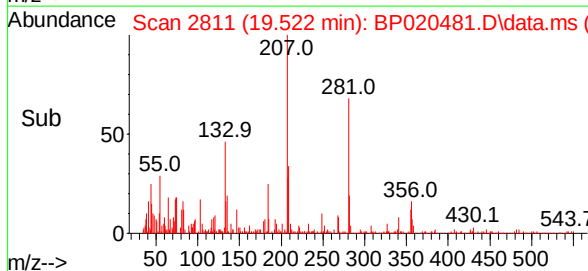
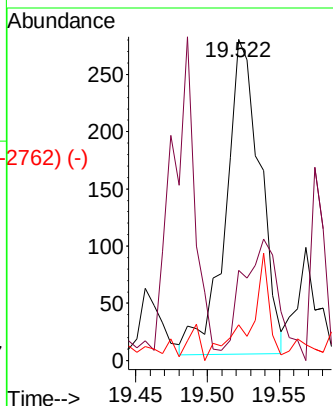
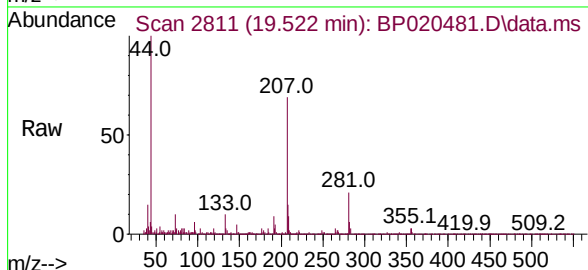




Scan 2813 (19.533 min): BP020473.D\data.ms (-2807) (-)
 Benzidine
 Concen: 5.979 ng
 RT: 19.522 min Scan# 2811
 Delta R.T. -0.012 min
 Lab File: BP020481.D
 Acq: 30 May 2024 10:43

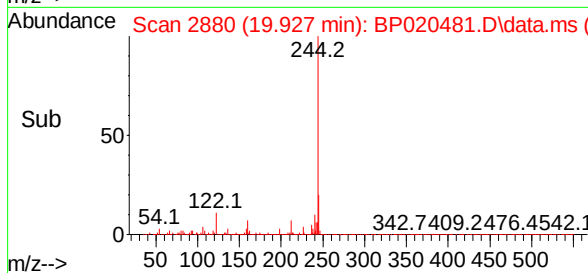
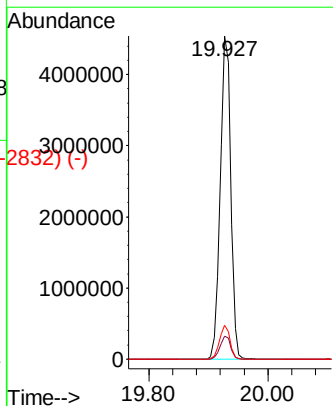
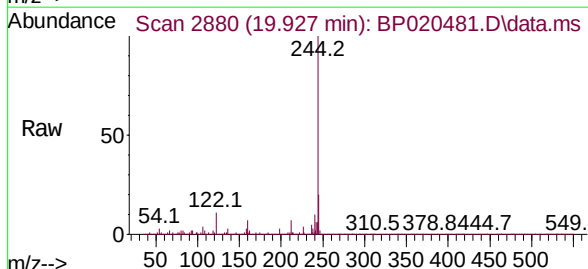
Instrument :
 BNA_P
 ClientSampleId :
 PB160503BL

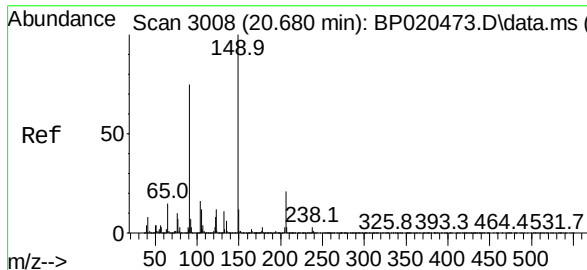
Tgt Ion:	184	Resp:	463
Ion	Ratio	Lower	Upper
184	100		
185	28.1	12.0	18.0#
183	11.0	9.4	14.0



Scan 2883 (19.945 min): BP020473.D\data.ms (-2879) (-)
 Terphenyl-d14
 Concen: 68.332 ng
 RT: 19.927 min Scan# 2880
 Delta R.T. -0.018 min
 Lab File: BP020481.D
 Acq: 30 May 2024 10:43

Tgt Ion:	244	Resp:	5529722
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	10.6	8.2	12.2





Butylbenzylphthalate

Concen: 2.433 ng

RT: 20.427 min Scan# 1

Delta R.T. -0.253 min

Lab File: BP020481.D

Acq: 30 May 2024 10:43

Instrument :

BNA_P

ClientSampleId :

PB160503BL

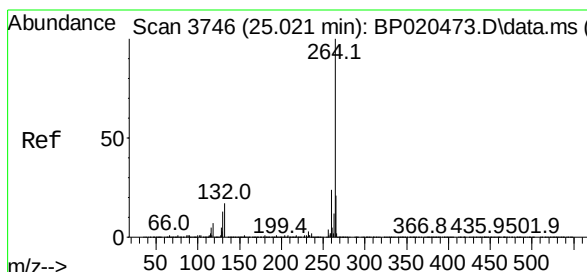
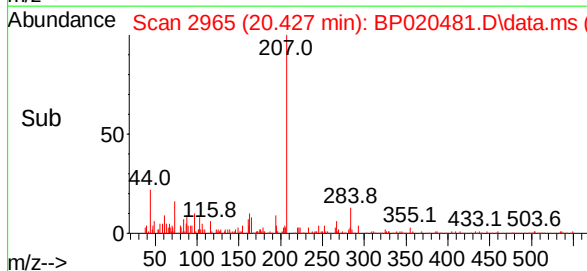
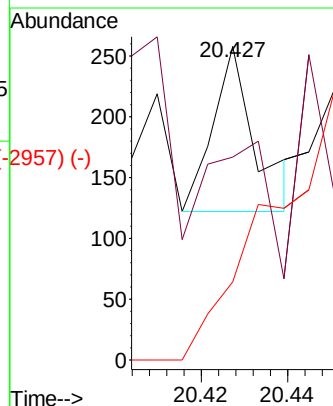
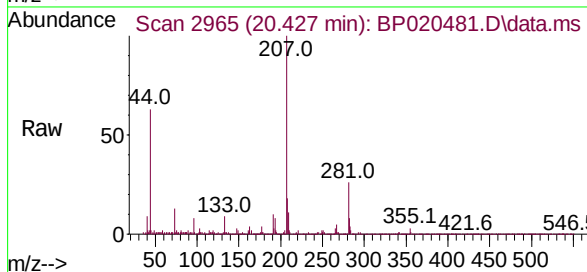
Tgt Ion:149 Resp: 94

Ion Ratio Lower Upper

149 100

91 64.7 60.0 90.0

206 24.8 16.6 25.0



Perylene-d12

Concen: 20.000 ng

RT: 25.015 min Scan# 3745

Delta R.T. -0.006 min

Lab File: BP020481.D

Acq: 30 May 2024 10:43

Tgt Ion:264 Resp: 1701622

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

265 21.2 17.4 26.0

