

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052922\
 Data File : BP010626.D
 Acq On : 29 May 2022 19:10
 Operator : CG/JU
 Sample : N2928-07RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P026-SS001-1824-01

Quant Time: May 30 02:07:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 28 02:18:04 2022
 Response via : Initial Calibration

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

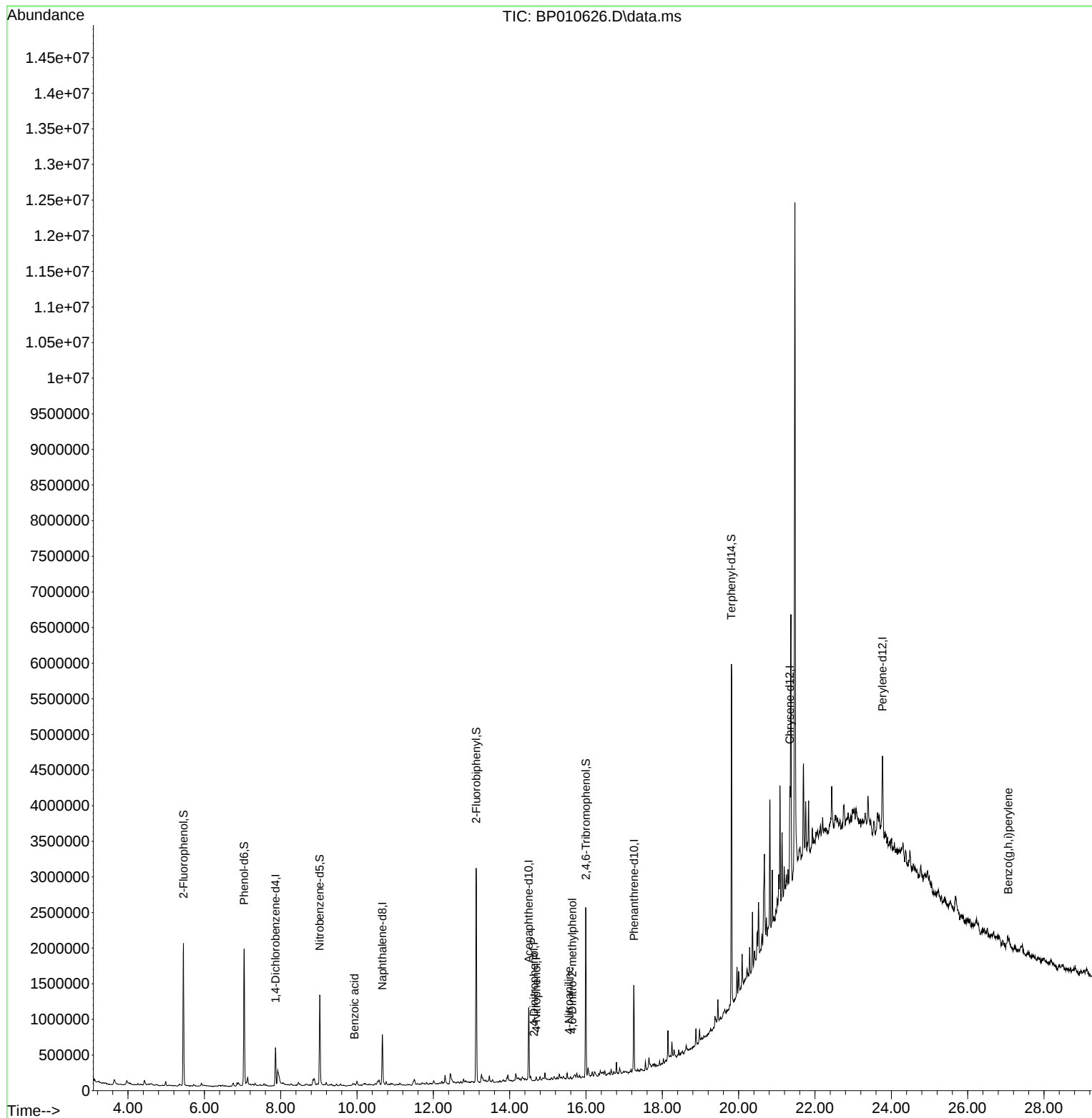
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	138317	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	550901	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	350570	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	711583	20.000	ng	0.00
76) Chrysene-d12	21.339	240	632887	20.000	ng	0.00
86) Perylene-d12	23.768	264	614995	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	767820	101.270	ng	0.00
7) Phenol-d6	7.040	99	1036809	96.325	ng	0.00
23) Nitrobenzene-d5	9.022	82	706257	60.611	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	406153	102.349	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	1508262	61.060	ng	0.00
79) Terphenyl-d14	19.810	244	2228776	66.146	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.934	122	10489	9.094	ng	92
54) 2,4-Dinitrophenol	14.634	184	54	6.661	ng	# 1
56) 4-Nitrophenol	14.698	139	255	3.652	ng	# 1
62) 4-Nitroaniline	15.551	138	336	2.190	ng	98
65) 4,6-Dinitro-2-methylph...	15.639	198	115	4.626	ng	# 1
92) Benzo(g,h,i)perylene	27.068	276	180210	4.834	ng	# 88

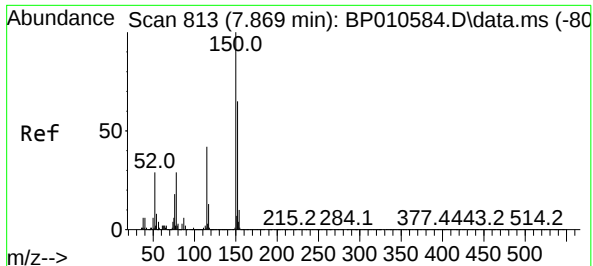
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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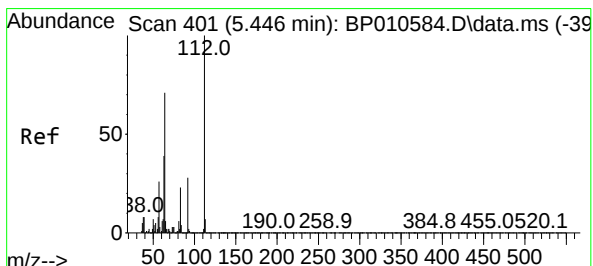
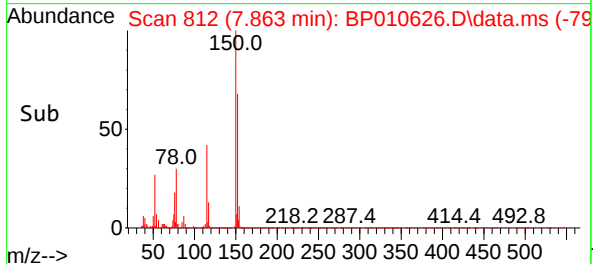
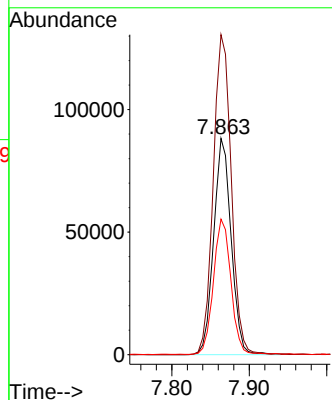
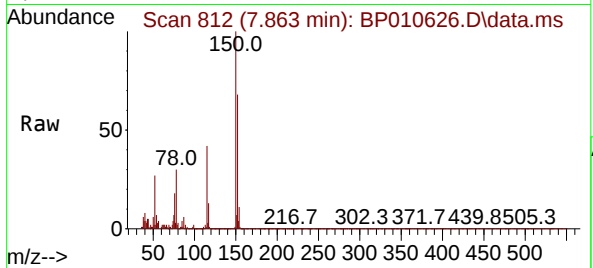




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP010626.D
Acq: 29 May 2022 19:10

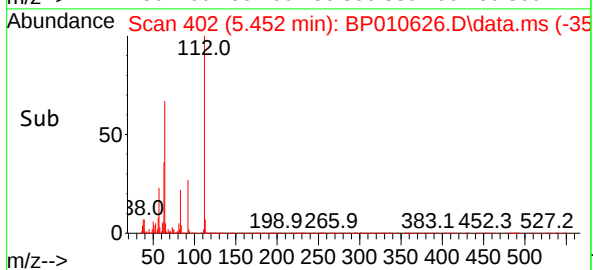
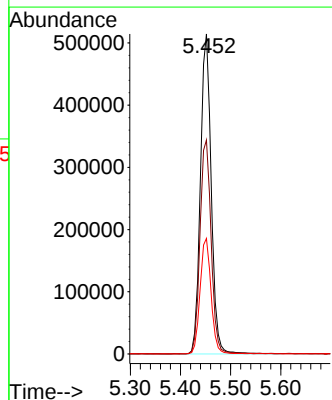
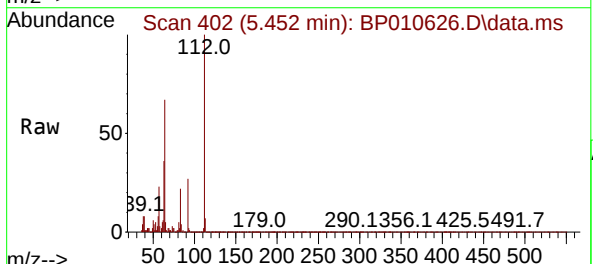
Instrument :
BNA_P
ClientSampleId :
P026-SS001-1824-01

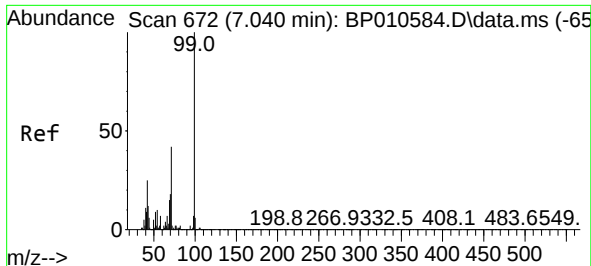
Tgt Ion:152 Resp: 138317
Ion Ratio Lower Upper
152 100
150 147.9 123.4 185.2
115 62.6 51.3 76.9



#5
2-Fluorophenol
Concen: 101.270 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP010626.D
Acq: 29 May 2022 19:10

Tgt Ion:112 Resp: 767820
Ion Ratio Lower Upper
112 100
64 66.8 56.9 85.3
63 36.1 31.2 46.8

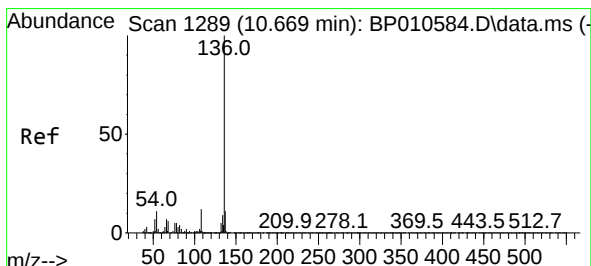
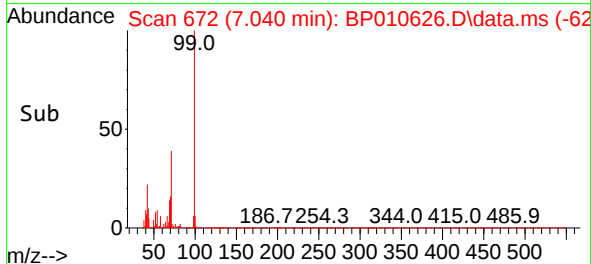
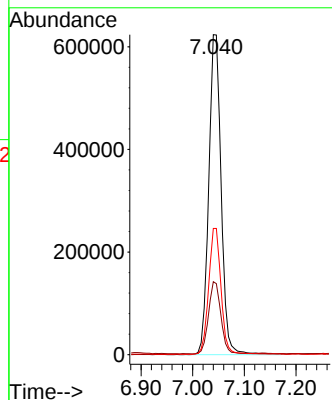
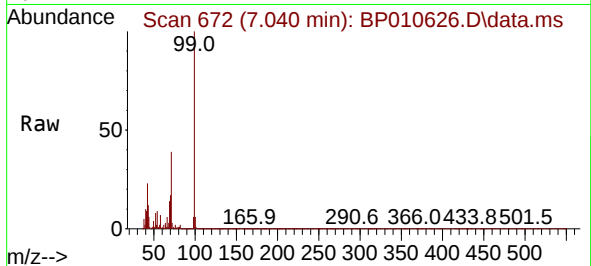




#7
Phenol-d6
Concen: 96.325 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP010626.D
Acq: 29 May 2022 19:10

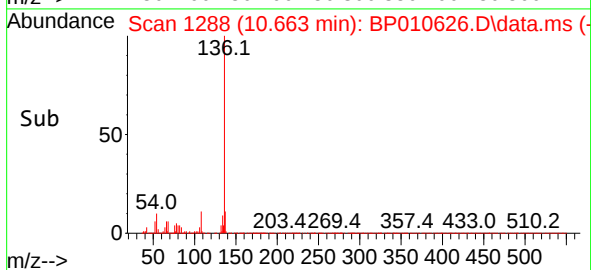
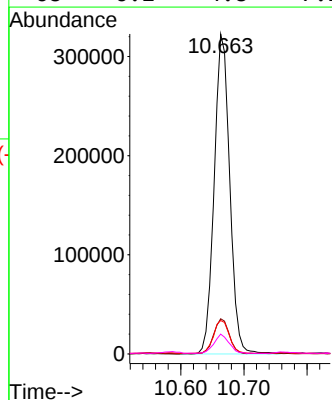
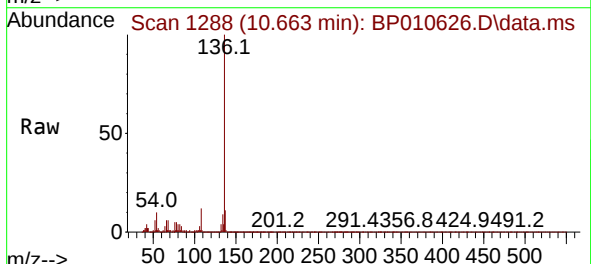
Instrument :
BNA_P
ClientSampleId :
P026-SS001-1824-01

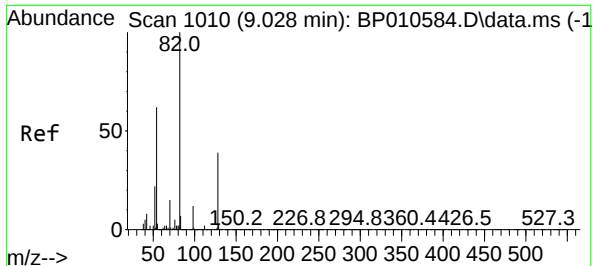
Tgt Ion: 99 Resp: 1036809
Ion Ratio Lower Upper
99 100
42 22.8 20.3 30.5
71 39.4 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BP010626.D
Acq: 29 May 2022 19:10

Tgt Ion: 136 Resp: 550901
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 10.5 8.7 13.1
68 6.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 60.611 ng

RT: 9.022 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP010626.D

Acq: 29 May 2022 19:10

Instrument :

BNA_P

ClientSampleId :

P026-SS001-1824-01

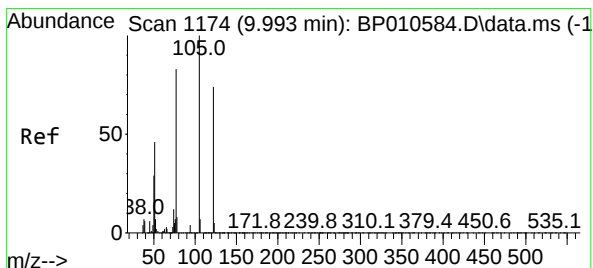
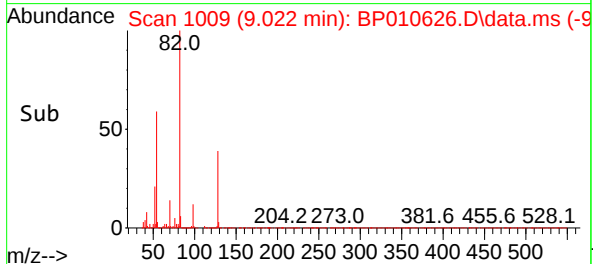
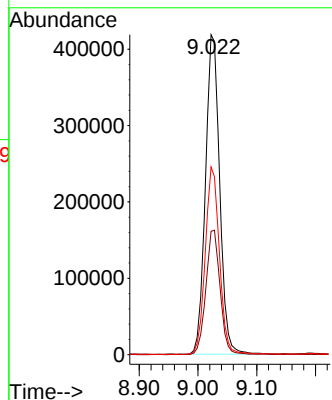
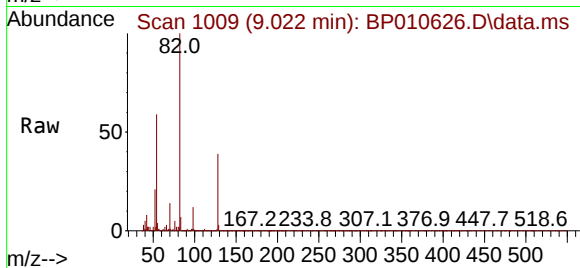
Tgt Ion: 82 Resp: 706257

Ion Ratio Lower Upper

82 100

128 38.6 31.3 46.9

54 58.7 49.8 74.8



#32

Benzoic acid

Concen: 9.094 ng

RT: 9.934 min Scan# 1164

Delta R.T. -0.059 min

Lab File: BP010626.D

Acq: 29 May 2022 19:10

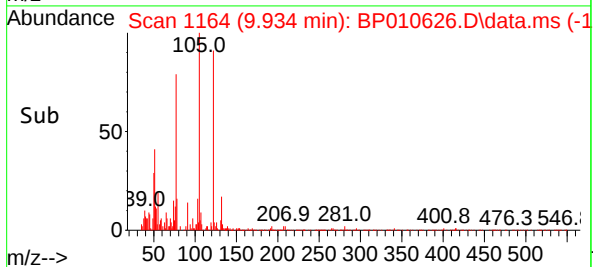
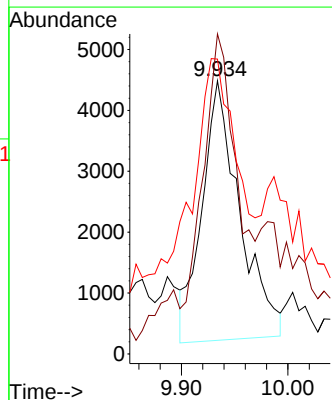
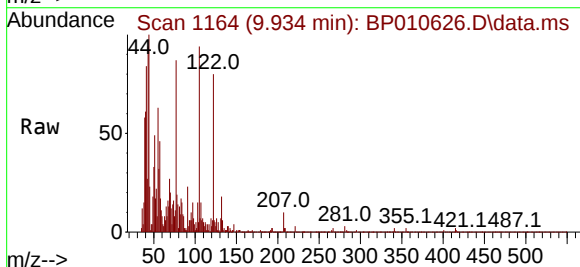
Tgt Ion: 122 Resp: 10489

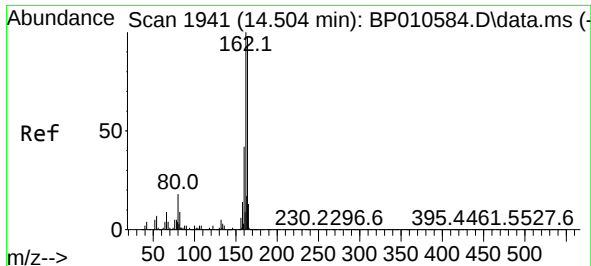
Ion Ratio Lower Upper

122 100

105 117.1 112.6 152.6

77 108.0 90.2 130.2

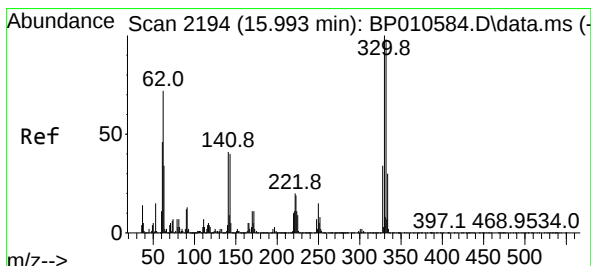
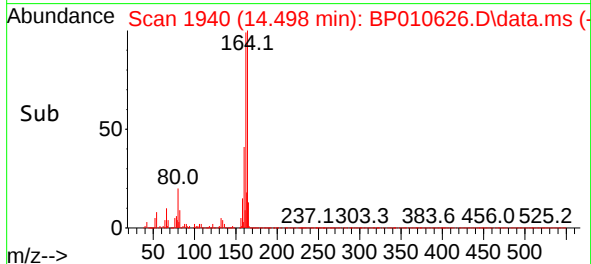
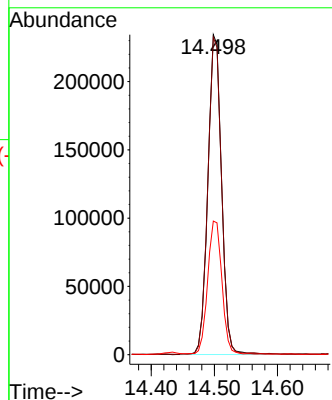
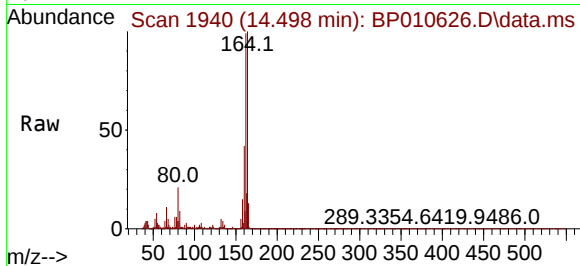




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP010626.D
Acq: 29 May 2022 19:10

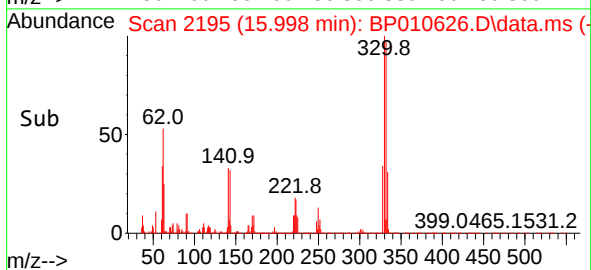
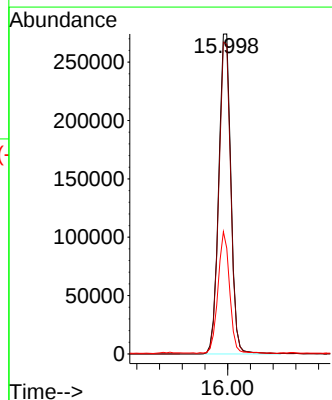
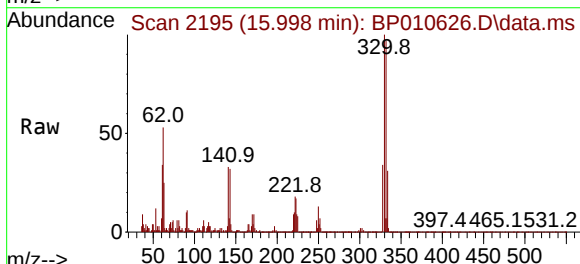
Instrument :
BNA_P
ClientSampleId :
P026-SS001-1824-01

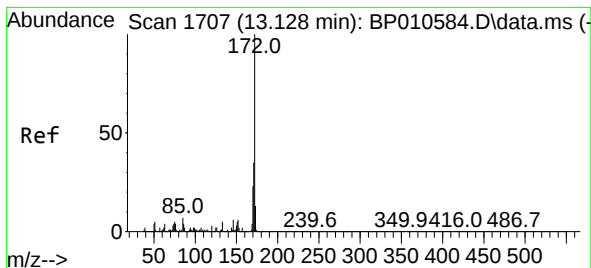
Tgt Ion:164 Resp: 350570
Ion Ratio Lower Upper
164 100
162 99.2 81.9 122.9
160 41.7 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 102.349 ng
RT: 15.998 min Scan# 2195
Delta R.T. 0.005 min
Lab File: BP010626.D
Acq: 29 May 2022 19:10

Tgt Ion:330 Resp: 406153
Ion Ratio Lower Upper
330 100
332 96.2 78.1 117.1
141 36.2 31.4 47.2





#45

2-Fluorobiphenyl

Concen: 61.060 ng

RT: 13.122 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP010626.D

Acq: 29 May 2022 19:10

Instrument :

BNA_P

ClientSampleId :

P026-SS001-1824-01

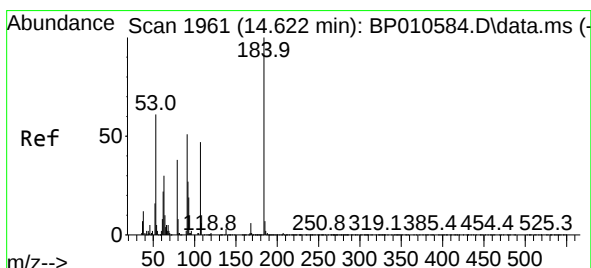
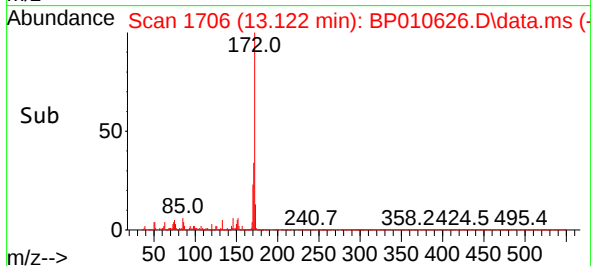
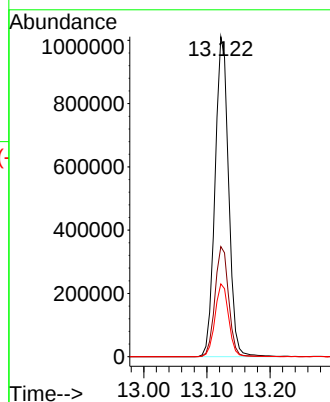
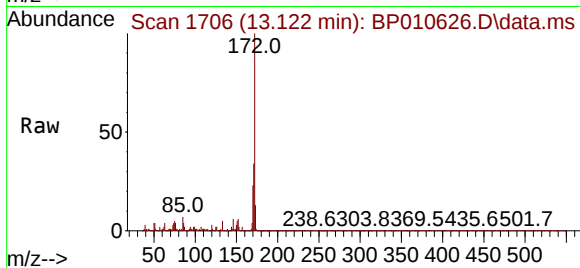
Tgt Ion:172 Resp: 1508262

Ion Ratio Lower Upper

172 100

171 34.4 27.9 41.9

170 22.7 18.2 27.2



#54

2,4-Dinitrophenol

Concen: 6.661 ng

RT: 14.634 min Scan# 1963

Delta R.T. 0.012 min

Lab File: BP010626.D

Acq: 29 May 2022 19:10

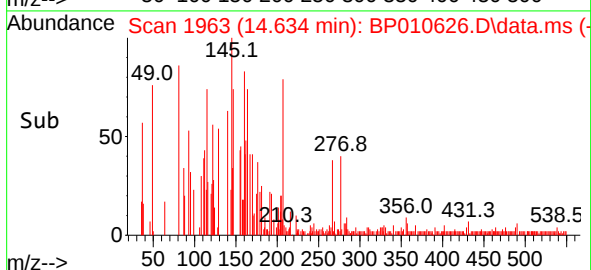
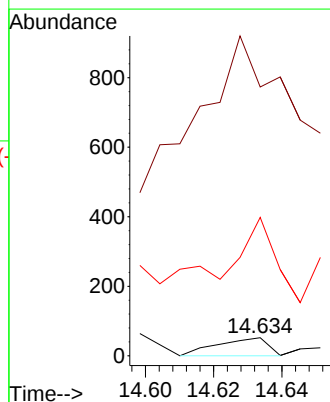
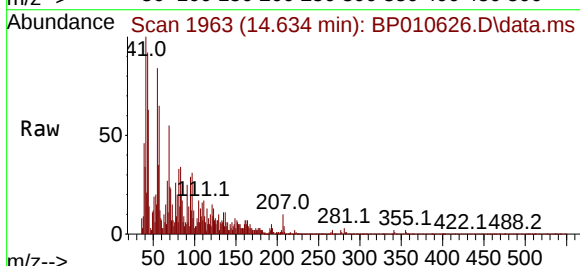
Tgt Ion:184 Resp: 54

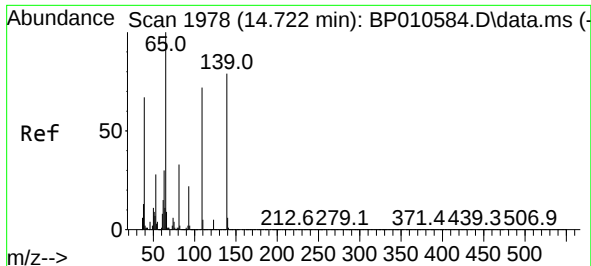
Ion Ratio Lower Upper

184 100

63 1486.5 65.4 98.2#

154 765.4 55.4 83.2#

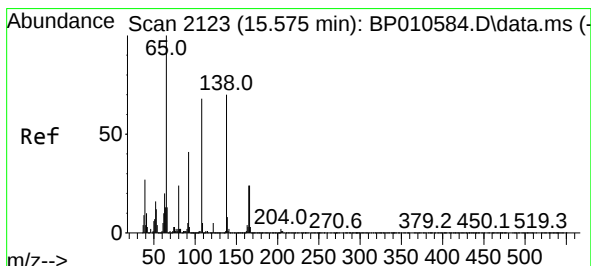
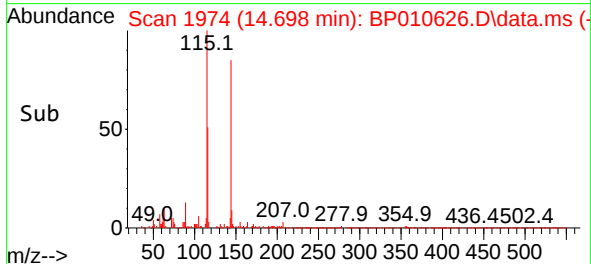
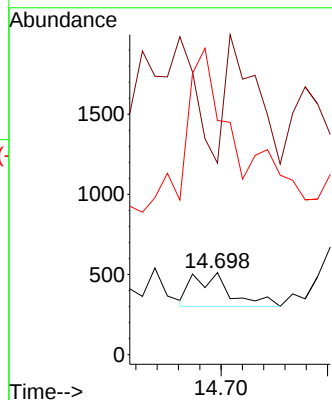
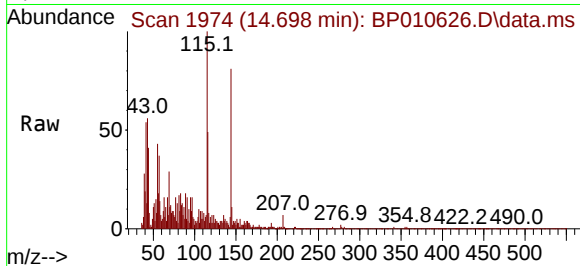




#56
4-Nitrophenol
Concen: 3.652 ng
RT: 14.698 min Scan# 1119
Delta R.T. -0.024 min
Lab File: BP010626.D
Acq: 29 May 2022 19:10

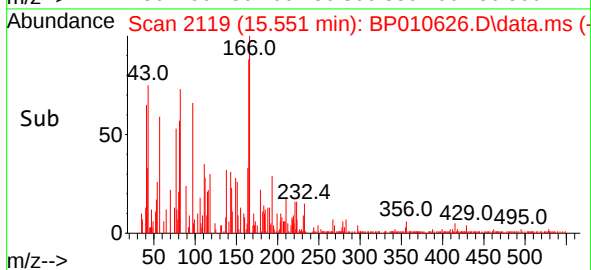
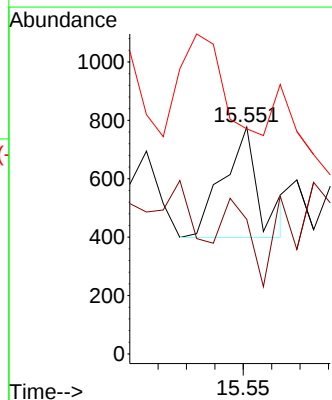
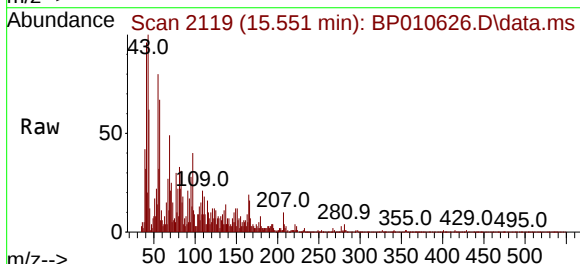
Instrument :
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P026-SS001-1824-01

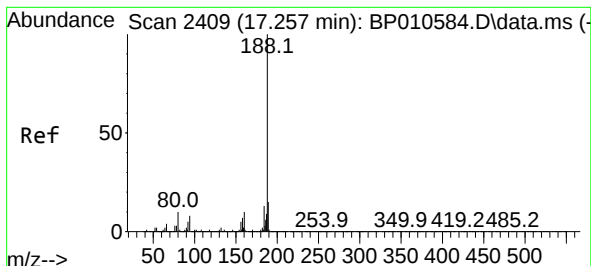
Tgt Ion:139 Resp: 255
Ion Ratio Lower Upper
139 100
109 233.4 70.6 110.6#
65 285.4 106.6 146.6#



#62
4-Nitroaniline
Concen: 2.190 ng
RT: 15.551 min Scan# 2119
Delta R.T. -0.024 min
Lab File: BP010626.D
Acq: 29 May 2022 19:10

Tgt Ion:138 Resp: 336
Ion Ratio Lower Upper
138 100
92 59.3 38.0 78.0
108 99.2 77.6 117.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.257 min Scan# 2409

Delta R.T. -0.000 min

Lab File: BP010626.D

Acq: 29 May 2022 19:10

Instrument :

BNA_P

ClientSampleId :

P026-SS001-1824-01

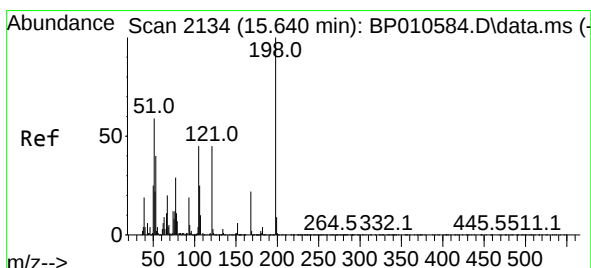
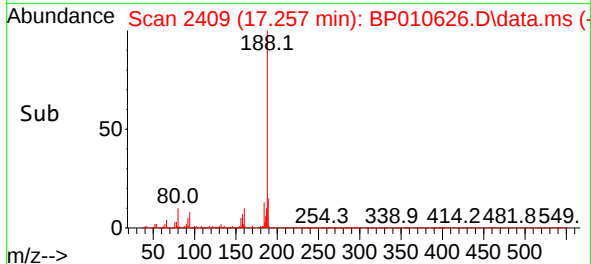
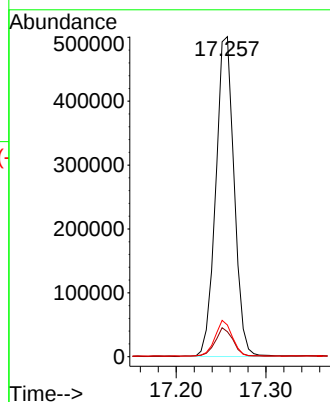
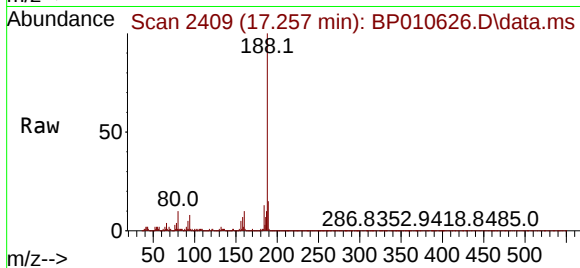
Tgt Ion:188 Resp: 711583

Ion Ratio Lower Upper

188 100

94 7.8 6.6 10.0

80 9.9 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 4.626 ng

RT: 15.639 min Scan# 2134

Delta R.T. -0.001 min

Lab File: BP010626.D

Acq: 29 May 2022 19:10

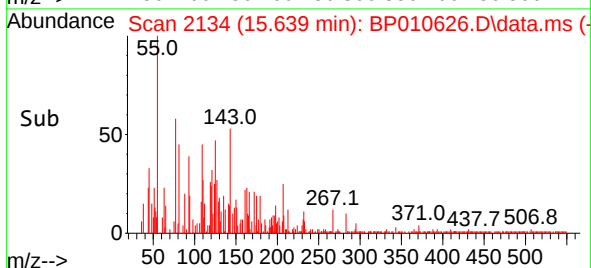
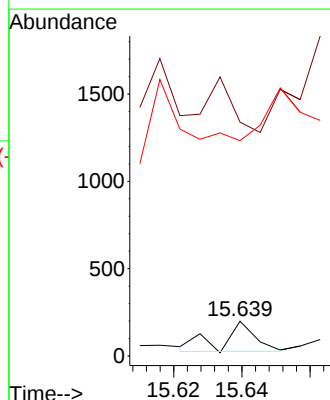
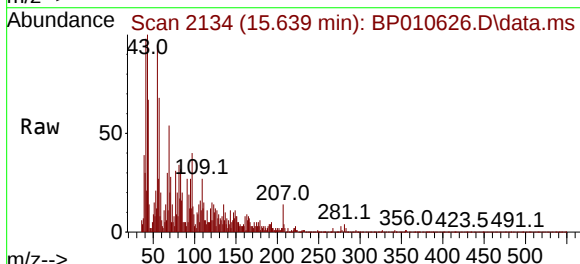
Tgt Ion:198 Resp: 115

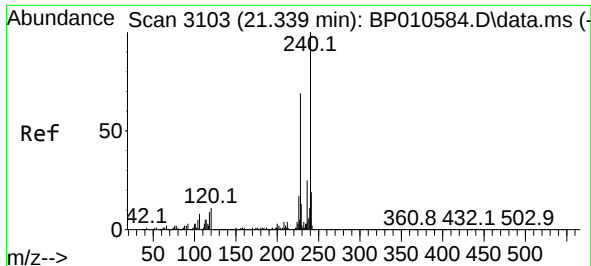
Ion Ratio Lower Upper

198 100

51 672.9 41.2 81.2#

105 620.1 25.3 65.3#

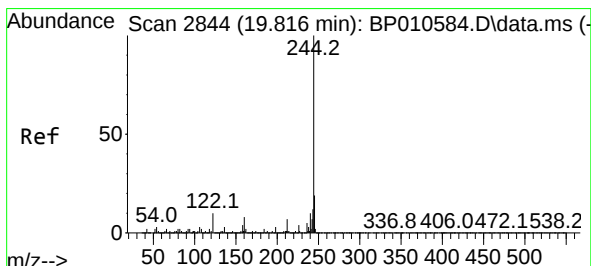
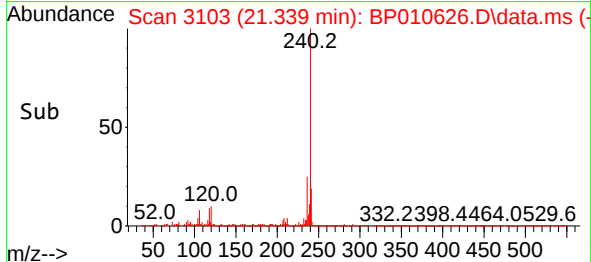
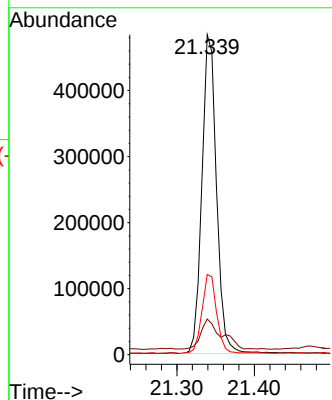
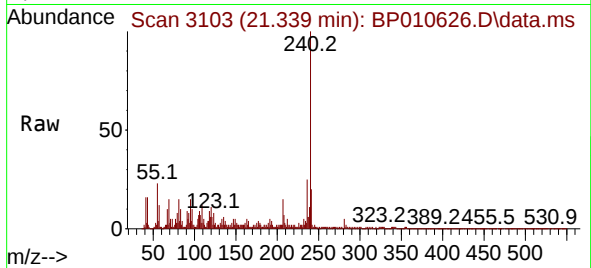




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP010626.D
Acq: 29 May 2022 19:10

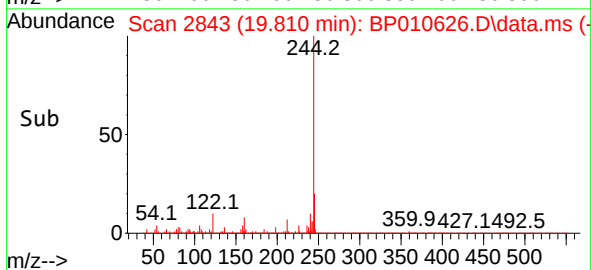
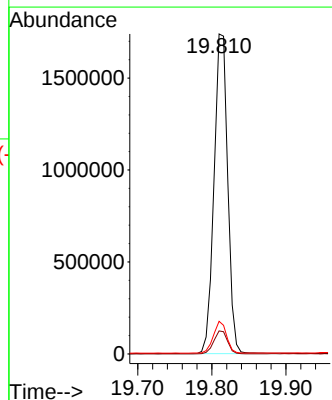
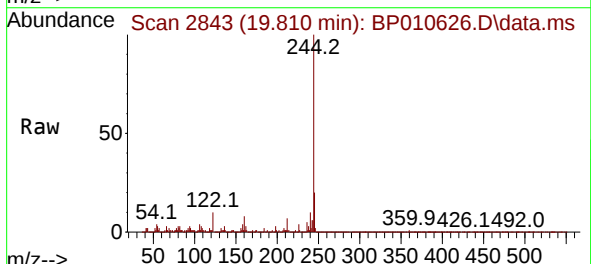
Instrument :
BNA_P
ClientSampleId :
P026-SS001-1824-01

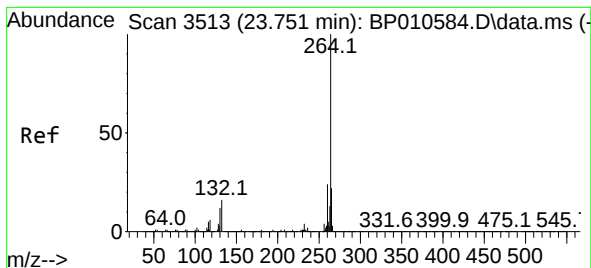
Tgt Ion:240 Resp: 632887
Ion Ratio Lower Upper
240 100
120 11.2 8.6 12.8
236 25.0 19.8 29.6



#79
Terphenyl-d14
Concen: 66.146 ng
RT: 19.810 min Scan# 2843
Delta R.T. -0.006 min
Lab File: BP010626.D
Acq: 29 May 2022 19:10

Tgt Ion:244 Resp: 2228776
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 10.2 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.768 min Scan# 3

Delta R.T. 0.017 min

Lab File: BP010626.D

Acq: 29 May 2022 19:10

Instrument :

BNA_P

ClientSampleId :

P026-SS001-1824-01

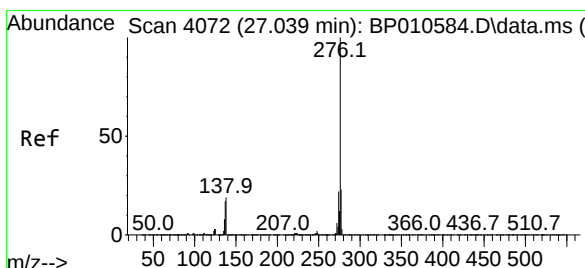
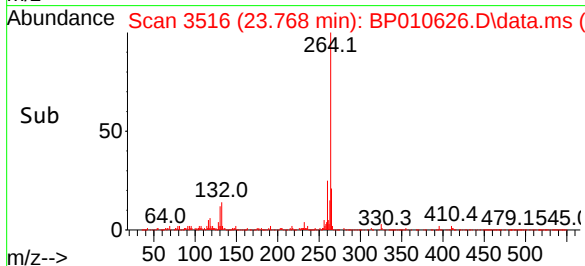
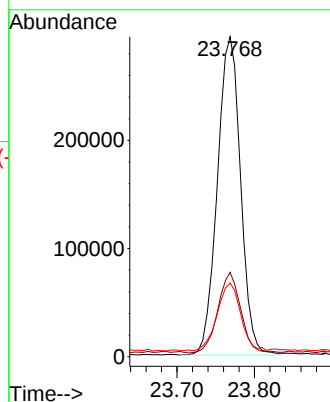
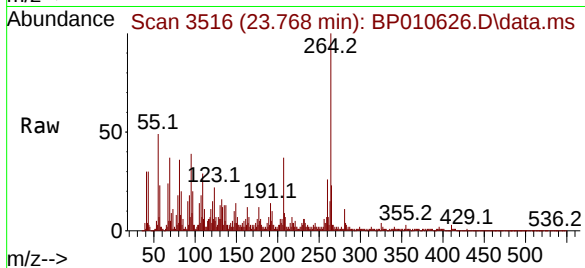
Tgt Ion:264 Resp: 614995

Ion Ratio Lower Upper

264 100

260 26.3 19.3 28.9

265 23.0 18.0 27.0



#92

Benzo(g,h,i)perylene

Concen: 4.834 ng

RT: 27.068 min Scan# 4077

Delta R.T. 0.029 min

Lab File: BP010626.D

Acq: 29 May 2022 19:10

Tgt Ion:276 Resp: 180210

Ion Ratio Lower Upper

276 100

277 31.0 18.7 28.1#

138 22.3 15.2 22.8

