

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
 Data File : BP024333.D
 Acq On : 17 Apr 2025 19:25
 Operator : RC/JU
 Sample : Q1826-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CONCRETE-FLOOR

Quant Time: Apr 17 23:49:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 15 04:48:42 2025
 Response via : Initial Calibration

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

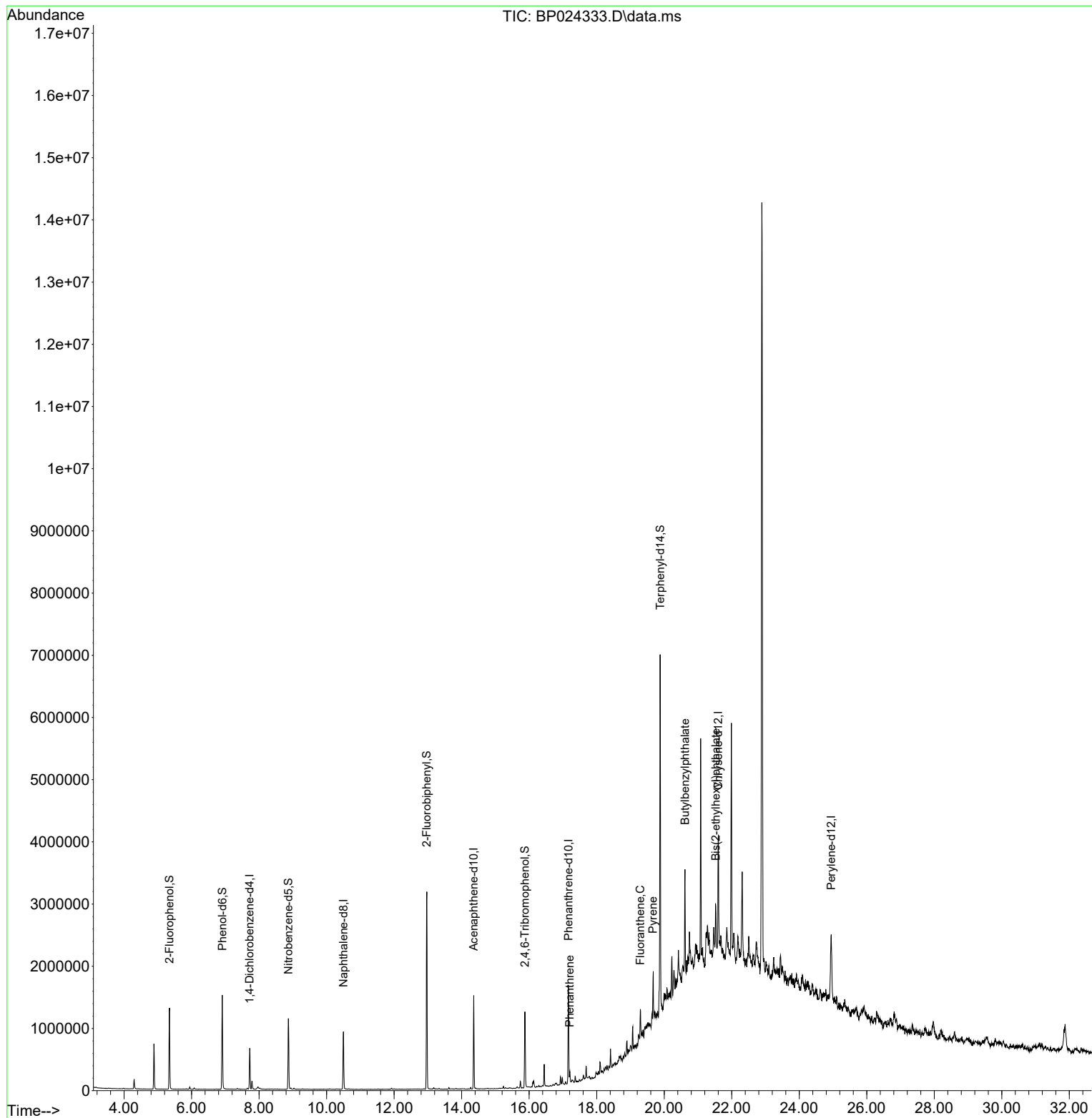
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	177132	20.000	ng	0.00
21) Naphthalene-d8	10.498	136	728491	20.000	ng	0.00
39) Acenaphthene-d10	14.357	164	450116	20.000	ng	-0.01
64) Phenanthrene-d10	17.163	188	918621	20.000	ng	-0.02
76) Chrysene-d12	21.604	240	1070629	20.000	ng	-0.02
86) Perylene-d12	24.945	264	1174829	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	603713	56.354	ng	0.00
7) Phenol-d6	6.910	99	929971	63.398	ng	0.00
23) Nitrobenzene-d5	8.869	82	675482	52.872	ng	-0.01
42) 2,4,6-Tribromophenol	15.875	330	276862	44.457	ng	-0.02
45) 2-Fluorobiphenyl	12.969	172	1616929	55.001	ng	-0.01
79) Terphenyl-d14	19.880	244	2915828	54.895	ng	-0.04
Target Compounds						
						Qvalue
71) Phenanthrene	17.204	178	108241	2.160	ng	99
75) Fluoranthene	19.292	202	182512	3.062	ng	98
78) Pyrene	19.669	202	141361	2.078	ng	98
80) Butylbenzylphthalate	20.616	149	459027	15.751	ng	98
84) Bis(2-ethylhexyl)phtha...	21.527	149	371945	8.706	ng	98

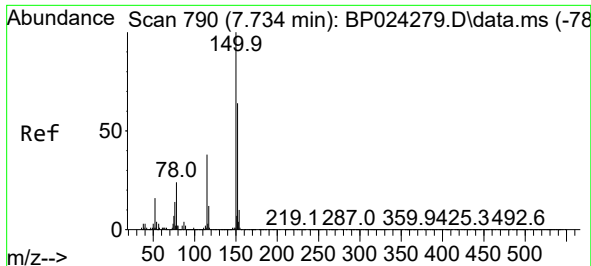
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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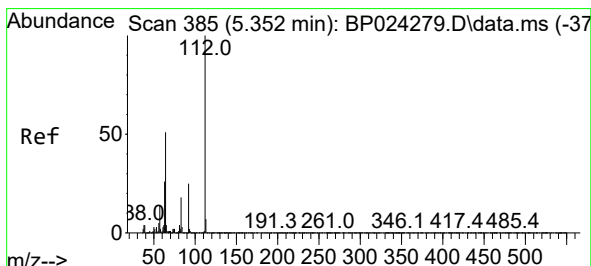
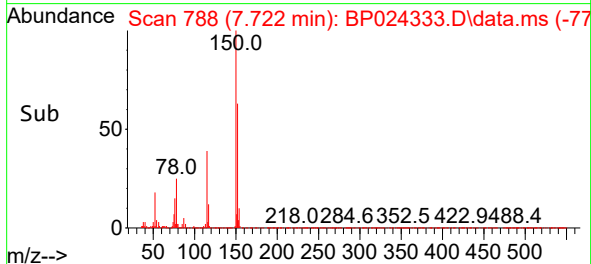
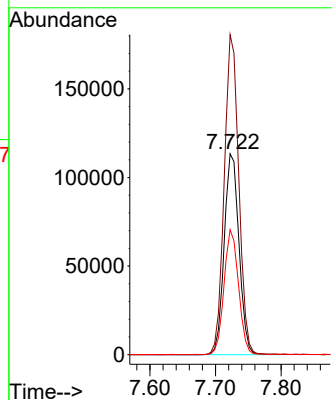
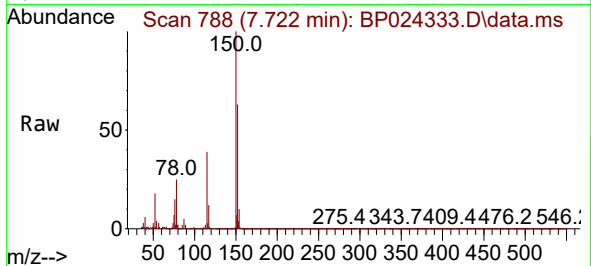




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024333.D
Acq: 17 Apr 2025 19:25

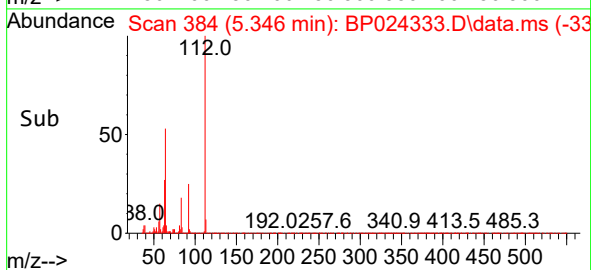
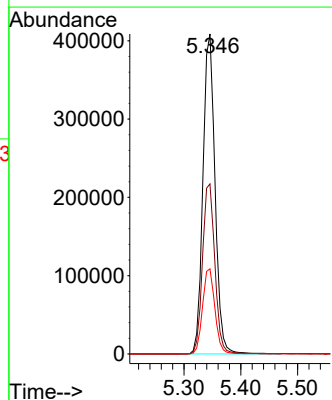
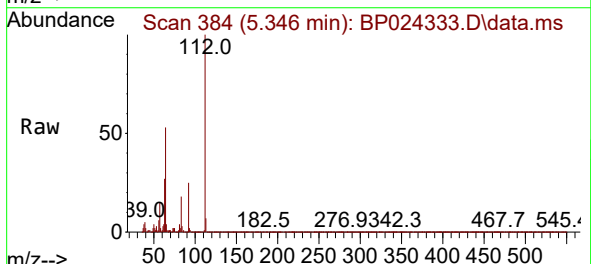
Instrument :
BNA_P
ClientSampleId :
CONCRETE-FLOOR

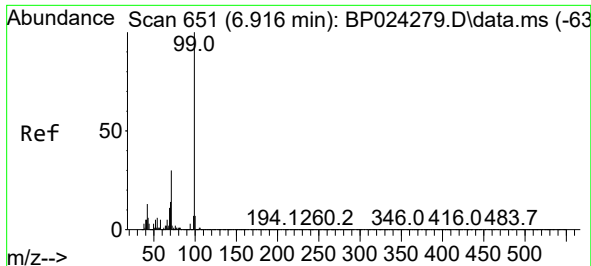
Tgt Ion:152 Resp: 177132
Ion Ratio Lower Upper
152 100
150 159.2 124.9 187.3
115 62.2 47.7 71.5



#5
2-Fluorophenol
Concen: 56.354 ng
RT: 5.346 min Scan# 384
Delta R.T. -0.006 min
Lab File: BP024333.D
Acq: 17 Apr 2025 19:25

Tgt Ion:112 Resp: 603713
Ion Ratio Lower Upper
112 100
64 53.2 41.1 61.7
63 26.6 20.6 30.8

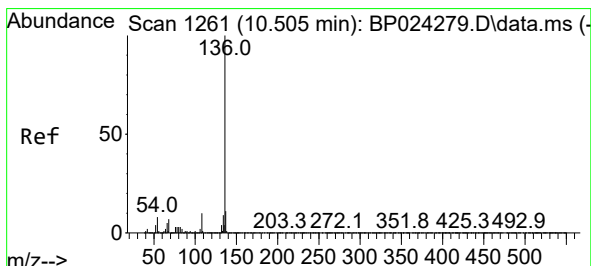
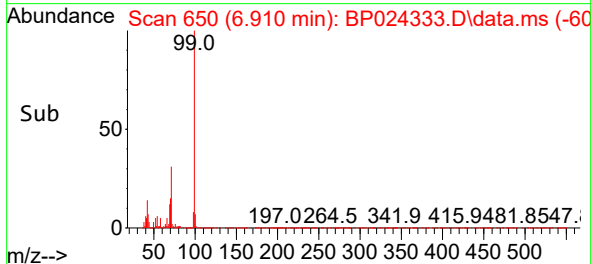
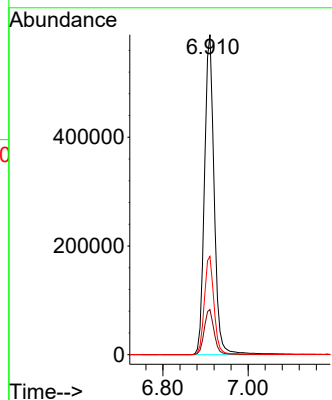
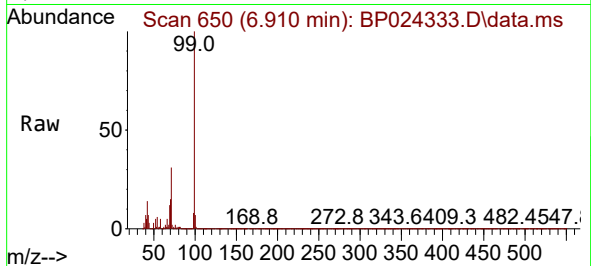




#7
Phenol-d6
Concen: 63.398 ng
RT: 6.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024333.D
Acq: 17 Apr 2025 19:25

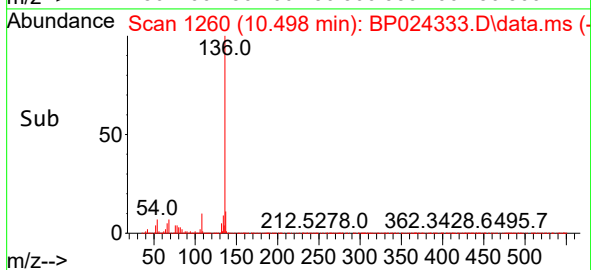
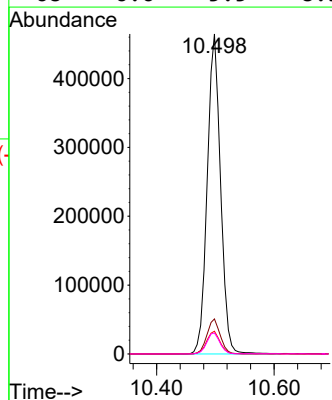
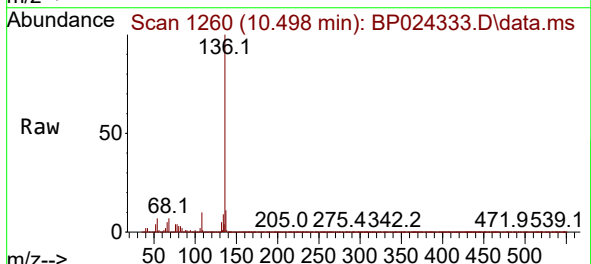
Instrument :
BNA_P
ClientSampleId :
CONCRETE-FLOOR

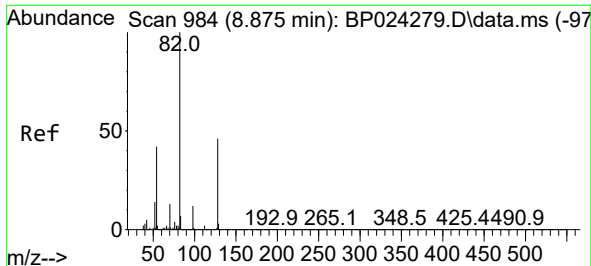
Tgt Ion: 99 Resp: 929971
Ion Ratio Lower Upper
99 100
42 14.1 10.6 16.0
71 30.7 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BP024333.D
Acq: 17 Apr 2025 19:25

Tgt Ion: 136 Resp: 728491
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 7.1 6.0 9.0
68 6.6 5.5 8.3

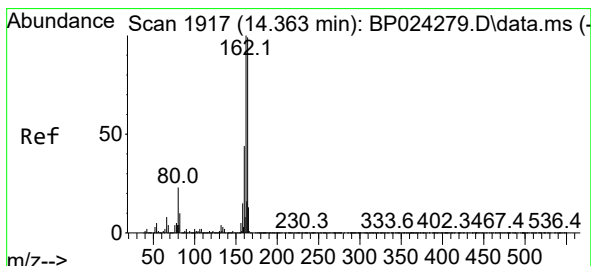
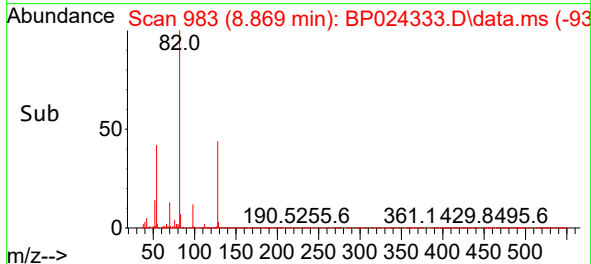
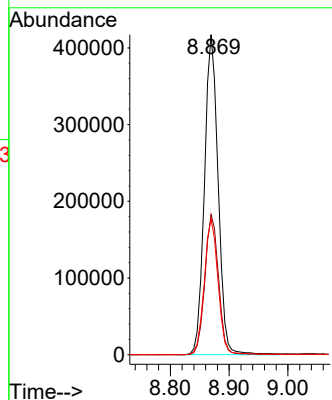
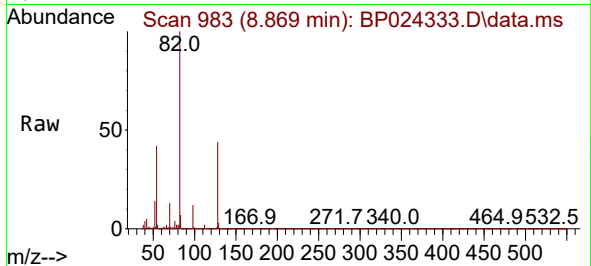




#23
Nitrobenzene-d5
Concen: 52.872 ng
RT: 8.869 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024333.D
Acq: 17 Apr 2025 19:25

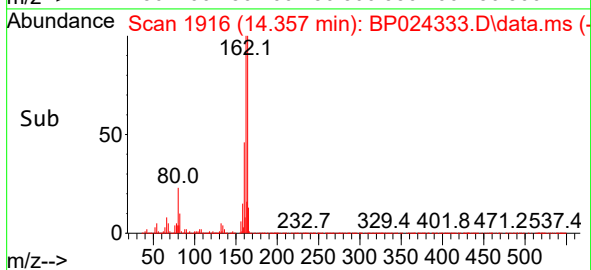
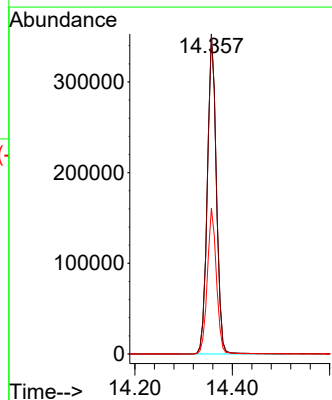
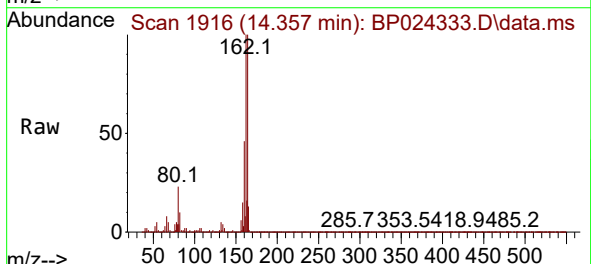
Instrument :
BNA_P
ClientSampleId :
CONCRETE-FLOOR

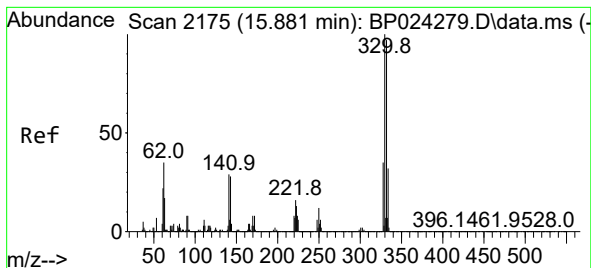
Tgt Ion: 82 Resp: 675482
Ion Ratio Lower Upper
82 100
128 43.8 36.5 54.7
54 42.3 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.012 min
Lab File: BP024333.D
Acq: 17 Apr 2025 19:25

Tgt Ion: 164 Resp: 450116
Ion Ratio Lower Upper
164 100
162 99.6 80.6 120.8
160 45.6 35.3 52.9

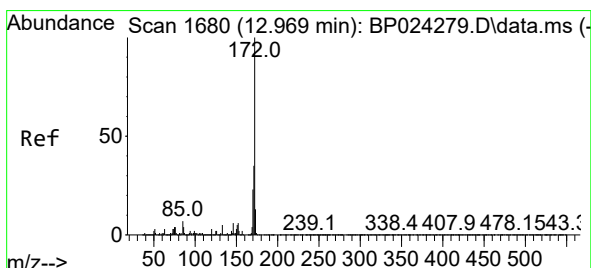
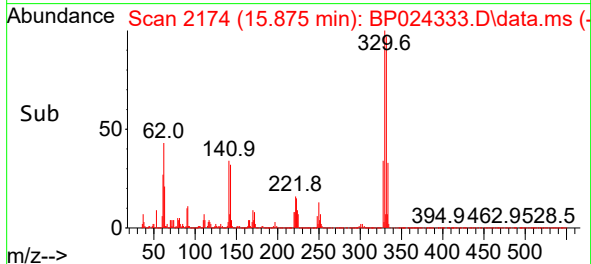
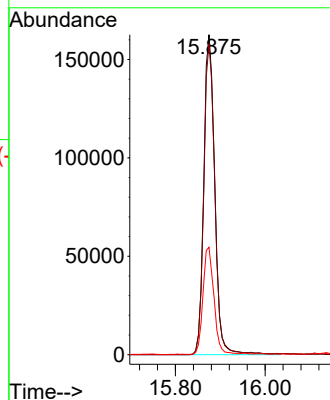
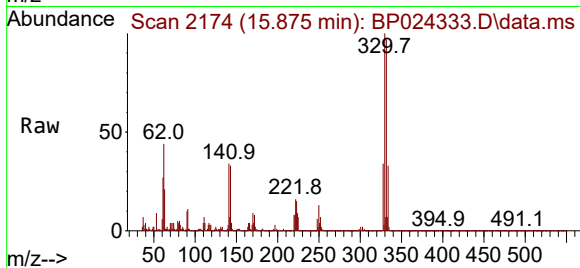




#42
2,4,6-Tribromophenol
Concen: 44.457 ng
RT: 15.875 min Scan# 2175
Delta R.T. -0.018 min
Lab File: BP024333.D
Acq: 17 Apr 2025 19:25

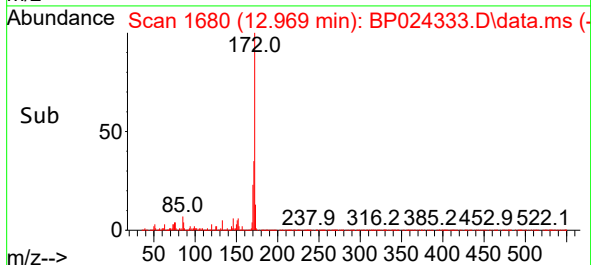
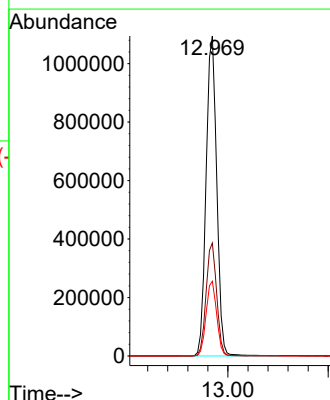
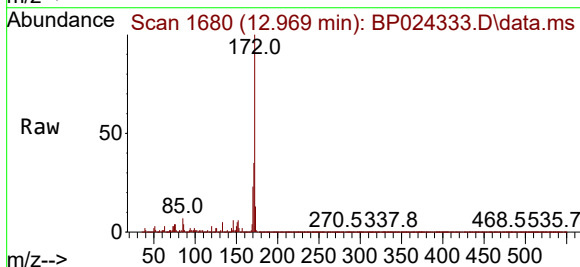
Instrument :
BNA_P
ClientSampleId :
CONCRETE-FLOOR

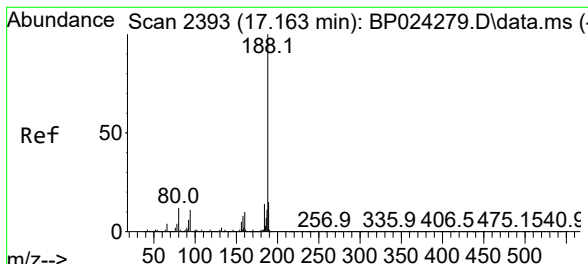
Tgt Ion:330 Resp: 276862
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 33.2 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 55.001 ng
RT: 12.969 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BP024333.D
Acq: 17 Apr 2025 19:25

Tgt Ion:172 Resp: 1616929
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.3 18.6 27.8

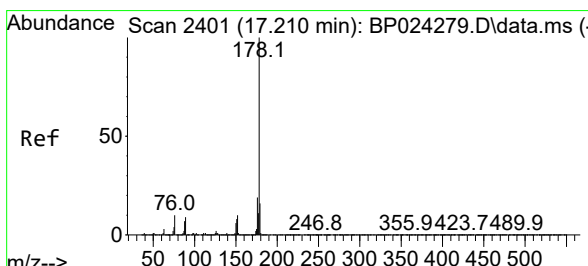
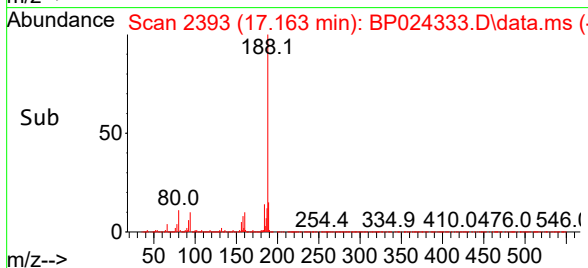
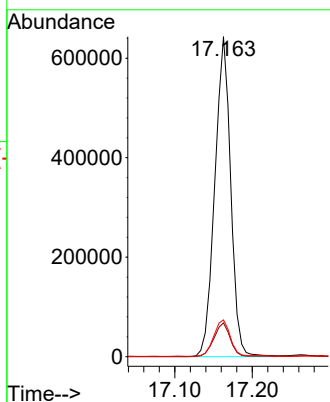
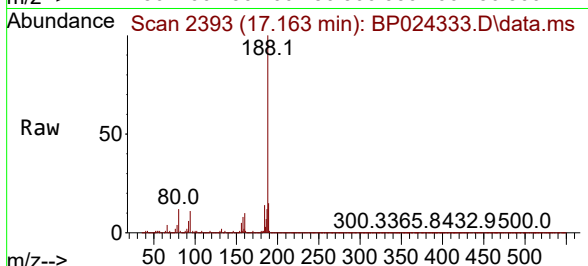




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024333.D
Acq: 17 Apr 2025 19:25

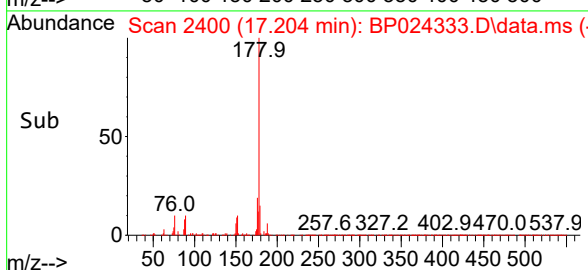
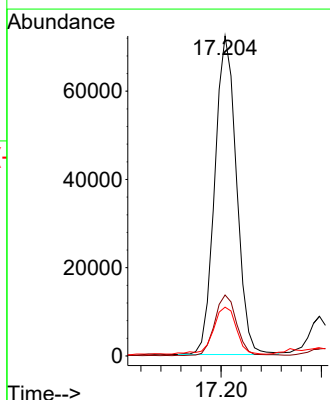
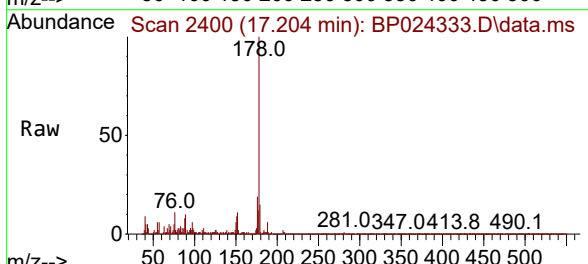
Instrument :
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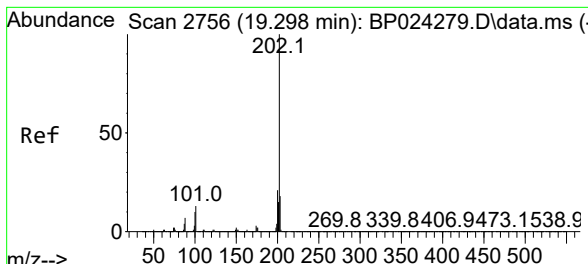
Tgt Ion:188	Resp: 918621
Ion Ratio	Lower Upper
188 100	
94 10.6	8.6 13.0
80 11.5	9.8 14.6



#71
Phenanthrene
Concen: 2.160 ng
RT: 17.204 min Scan# 2400
Delta R.T. -0.024 min
Lab File: BP024333.D
Acq: 17 Apr 2025 19:25

Tgt Ion:178	Resp: 108241
Ion Ratio	Lower Upper
178 100	
176 19.1	15.4 23.0
179 15.2	12.5 18.7

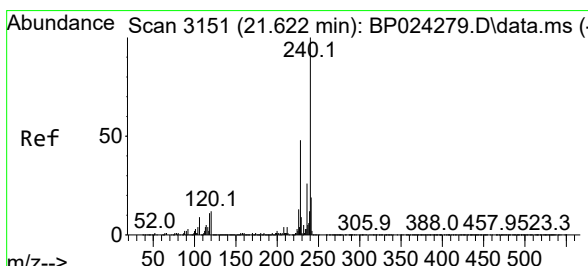
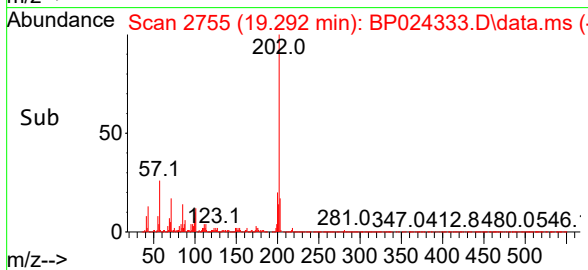
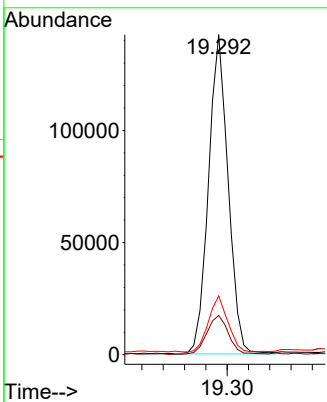
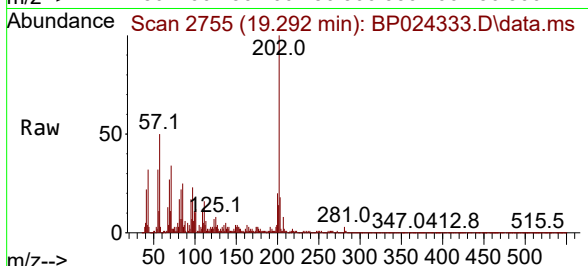




#75
 Fluoranthene
 Concen: 3.062 ng
 RT: 19.292 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BP024333.D
 Acq: 17 Apr 2025 19:25

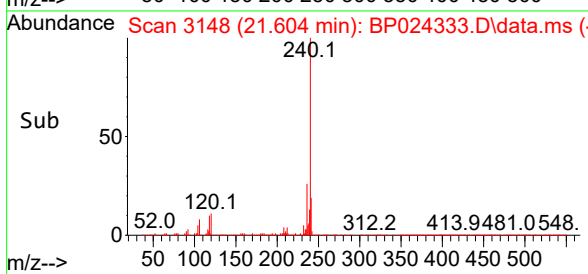
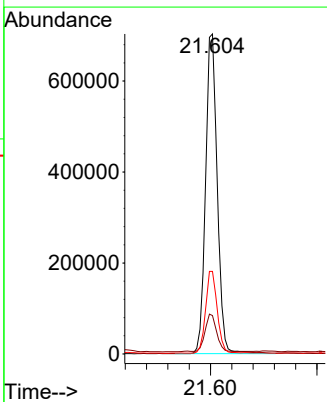
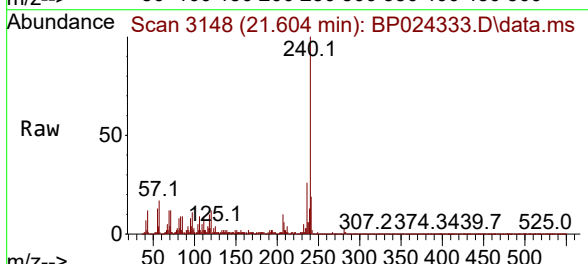
Instrument :
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 CONCRETE-FLOOR

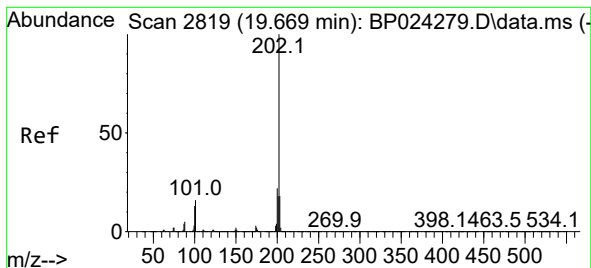
Tgt Ion:	202	Resp:	182512
Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.2
203	18.4	0.0	37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.604 min Scan# 3148
 Delta R.T. -0.018 min
 Lab File: BP024333.D
 Acq: 17 Apr 2025 19:25

Tgt Ion:	240	Resp:	1070629
Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.8	14.8
236	25.8	20.9	31.3





#78

Pyrene

Concen: 2.078 ng

RT: 19.669 min Scan# 2819

Delta R.T. -0.018 min

Lab File: BP024333.D

Acq: 17 Apr 2025 19:25

Instrument :

BNA_P

ClientSampleId :

CONCRETE-FLOOR

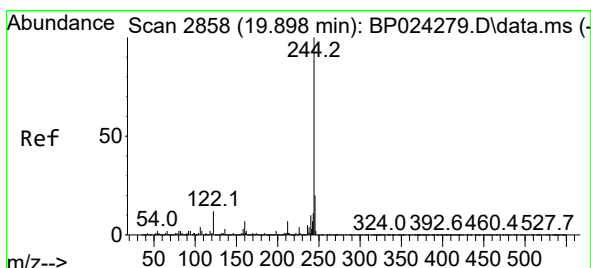
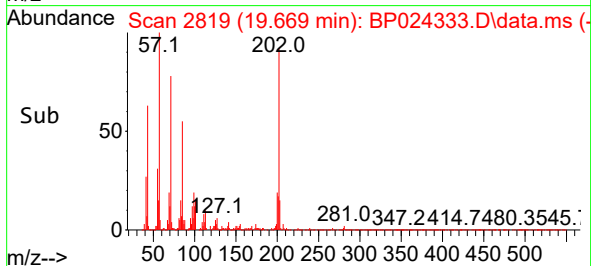
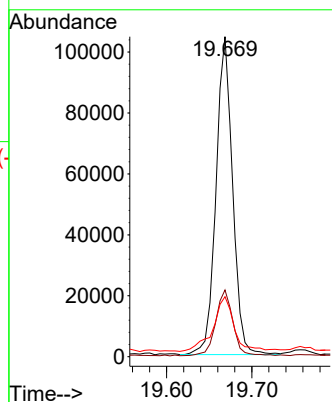
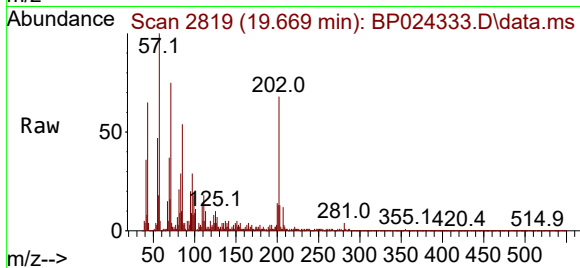
Tgt Ion:202 Resp: 141361

Ion Ratio Lower Upper

202 100

200 20.9 17.2 25.8

203 18.8 14.4 21.6



#79

Terphenyl-d14

Concen: 54.895 ng

RT: 19.880 min Scan# 2855

Delta R.T. -0.041 min

Lab File: BP024333.D

Acq: 17 Apr 2025 19:25

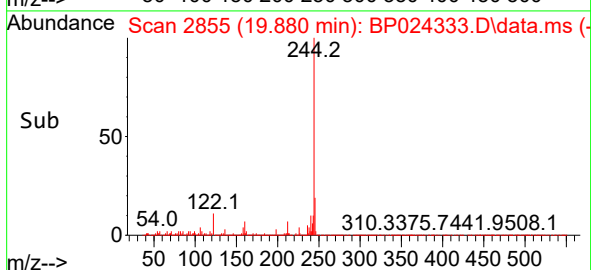
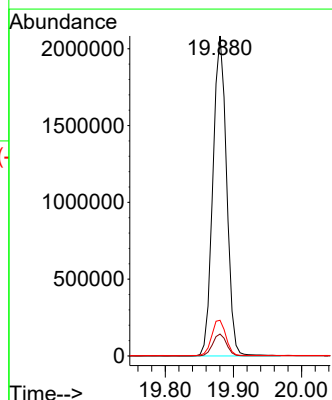
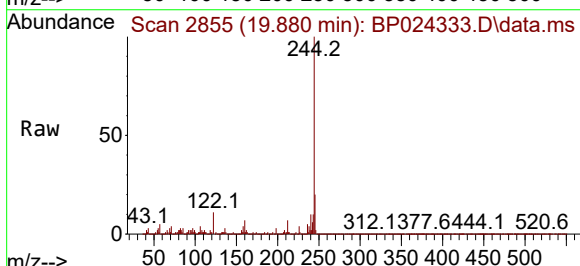
Tgt Ion:244 Resp: 2915828

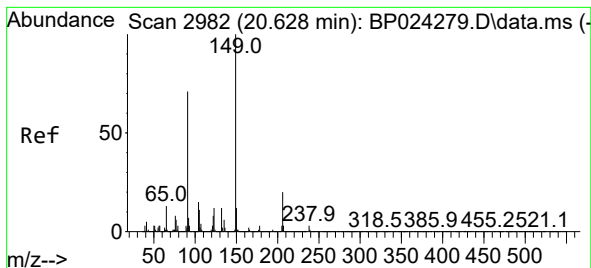
Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 11.1 9.4 14.0





#80

Butylbenzylphthalate

Concen: 15.751 ng

RT: 20.616 min Scan# 2980

Delta R.T. -0.029 min

Lab File: BP024333.D

Acq: 17 Apr 2025 19:25

Instrument :

BNA_P

ClientSampleId :

CONCRETE-FLOOR

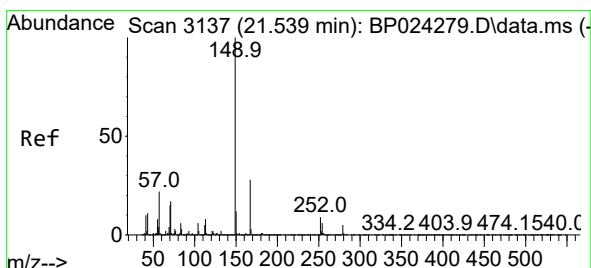
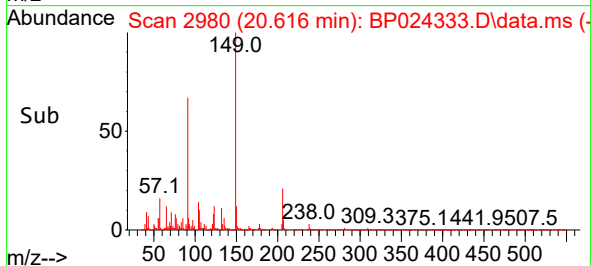
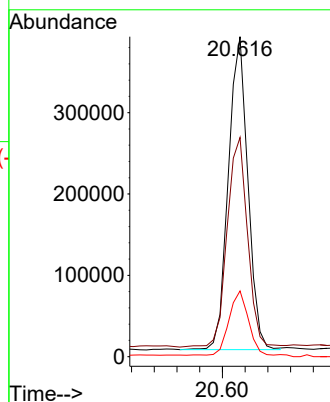
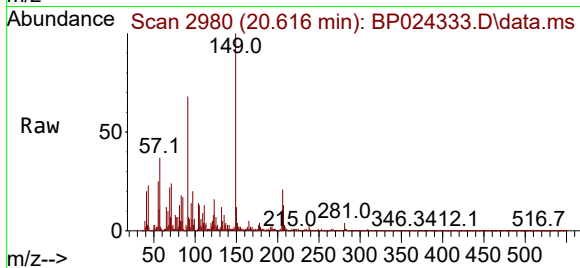
Tgt Ion:149 Resp: 459027

Ion Ratio Lower Upper

149 100

91 68.5 56.4 84.6

206 20.6 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.706 ng

RT: 21.527 min Scan# 3135

Delta R.T. -0.018 min

Lab File: BP024333.D

Acq: 17 Apr 2025 19:25

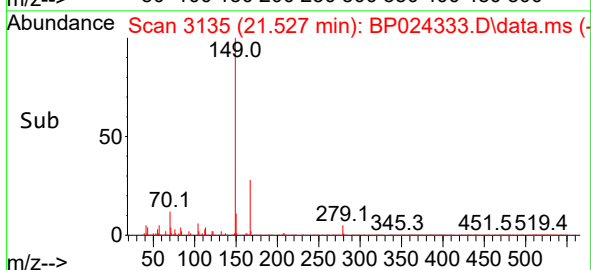
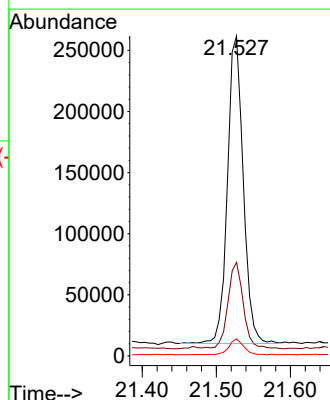
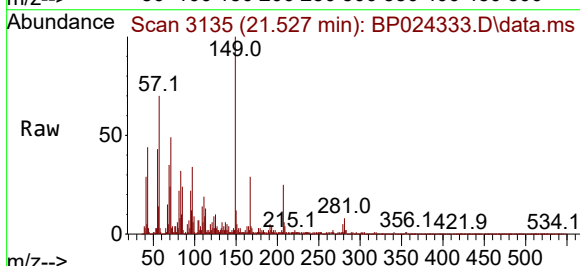
Tgt Ion:149 Resp: 371945

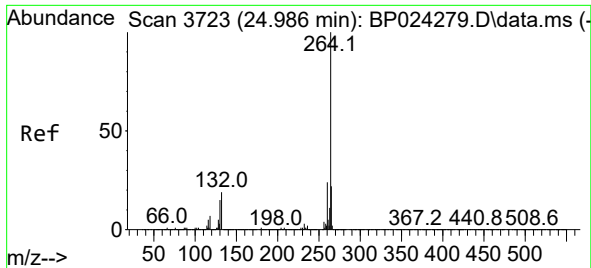
Ion Ratio Lower Upper

149 100

167 29.3 22.4 33.6

279 5.3 4.0 6.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.945 min Scan# 31
 Delta R.T. -0.041 min
 Lab File: BP024333.D
 Acq: 17 Apr 2025 19:25

Instrument :
 BNA_P
 ClientSampleId :
 CONCRETE-FLOOR

Tgt Ion:264 Resp: 1174829
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.9 28.3
 265 22.4 17.8 26.6

