

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060622\
 Data File : BP010702.D
 Acq On : 06 Jun 2022 13:57
 Operator : CG/JU
 Sample : PB145261BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB145261BL

Quant Time: Jun 06 15:41:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 15:39:44 2022
 Response via : Initial Calibration

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

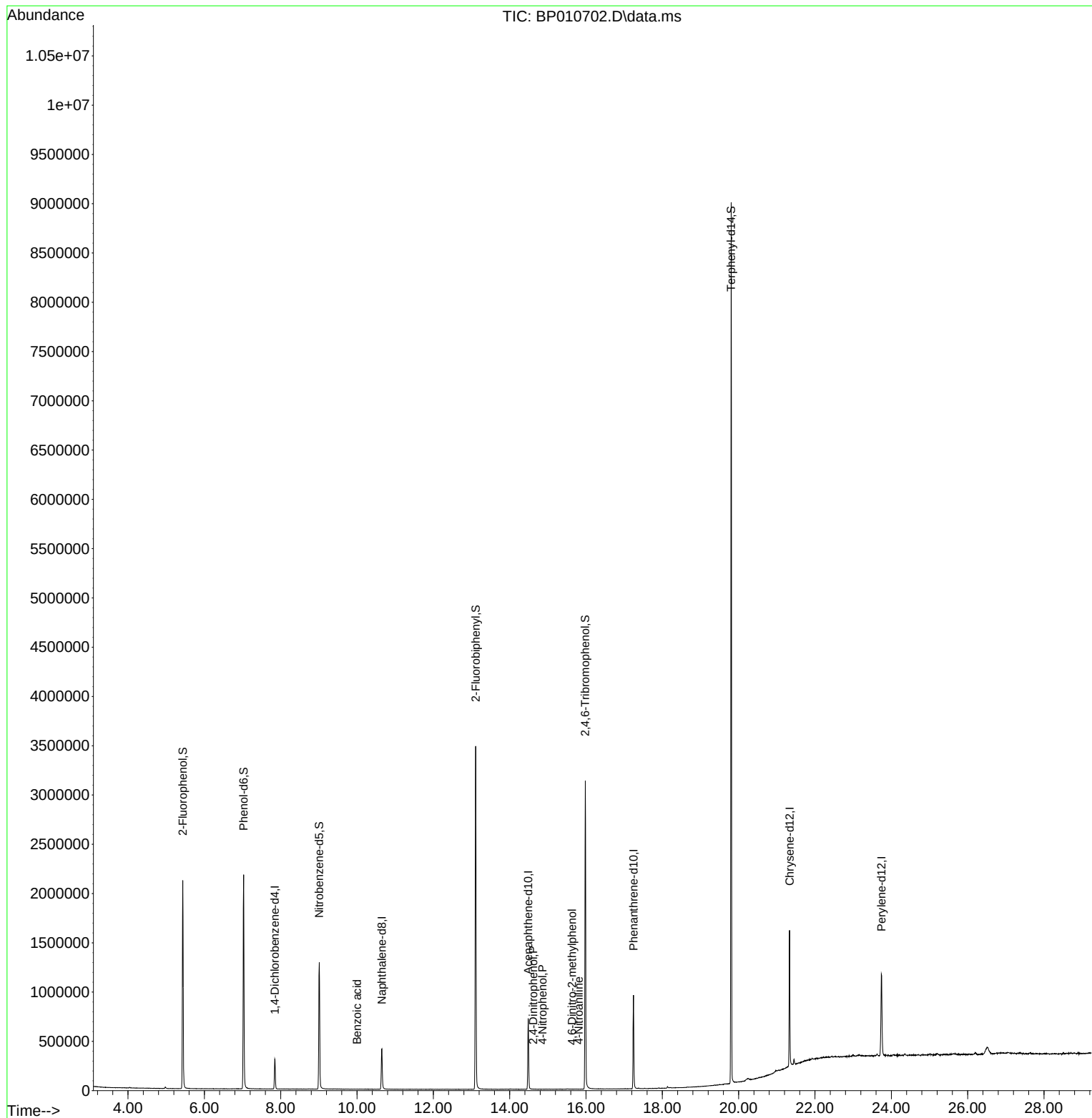
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	79768	20.000	ng	0.00
21) Naphthalene-d8	10.652	136	352400	20.000	ng	0.00
39) Acenaphthene-d10	14.487	164	252348	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	589989	20.000	ng	0.00
76) Chrysene-d12	21.333	240	666584	20.000	ng	# 0.00
86) Perylene-d12	23.745	264	668966	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	802398	183.510	ng	0.00
7) Phenol-d6	7.028	99	1140211	183.684	ng	0.00
23) Nitrobenzene-d5	9.011	82	741504	99.481	ng	0.00
42) 2,4,6-Tribromophenol	15.981	330	569130	199.243	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	1731962	97.408	ng	0.00
79) Terphenyl-d14	19.804	244	3862736	108.844	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.999	122	20	7.329	ng	# 1
54) 2,4-Dinitrophenol	14.616	184	20	6.653	ng	# 1
56) 4-Nitrophenol	14.863	139	16	3.602	ng	92
62) 4-Nitroaniline	15.810	138	6	2.134	ng	94
65) 4,6-Dinitro-2-methylph...	15.634	198	10	4.605	ng	# 1

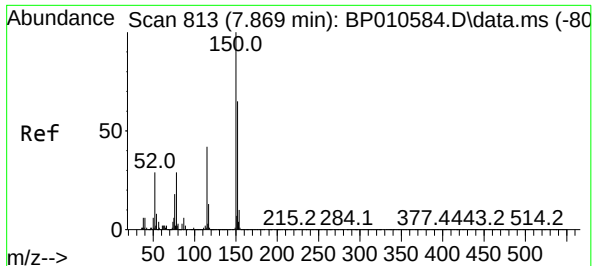
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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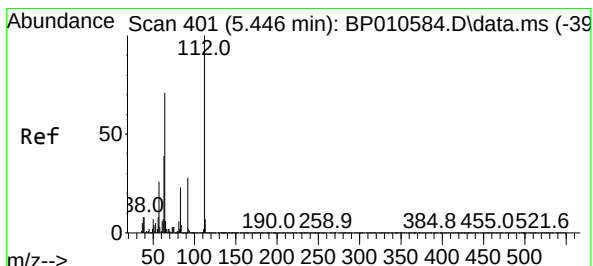
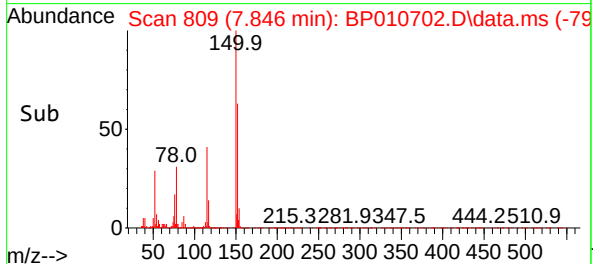
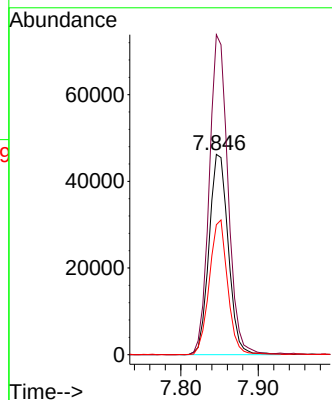
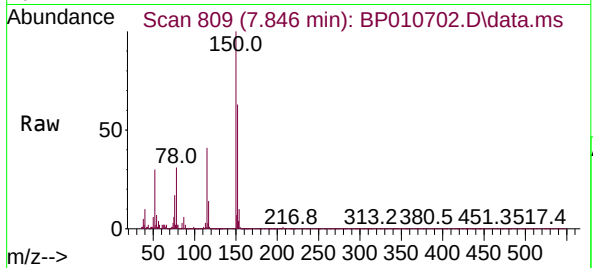




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.846 min Scan# 809
 Delta R.T. -0.006 min
 Lab File: BP010702.D
 Acq: 06 Jun 2022 13:57

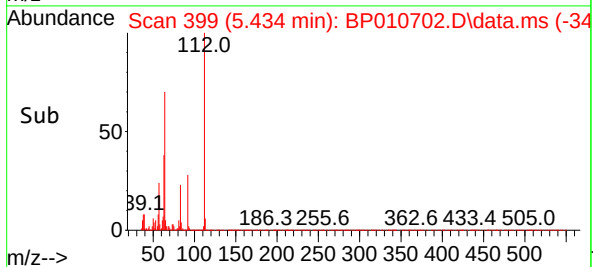
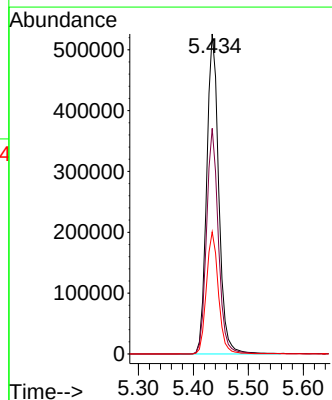
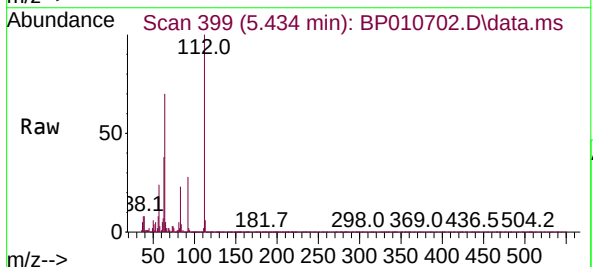
Instrument :
 BNA_P
 ClientSampleId :
 PB145261BL

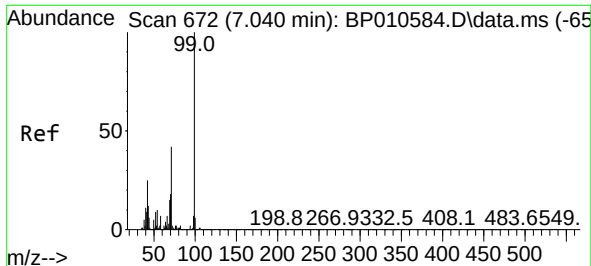
Tgt Ion:152 Resp: 79768
 Ion Ratio Lower Upper
 152 100
 150 159.8 123.4 185.2
 115 64.8 51.3 76.9



#5
 2-Fluorophenol
 Concen: 183.510 ng
 RT: 5.434 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: BP010702.D
 Acq: 06 Jun 2022 13:57

Tgt Ion:112 Resp: 802398
 Ion Ratio Lower Upper
 112 100
 64 70.5 56.9 85.3
 63 38.2 31.2 46.8



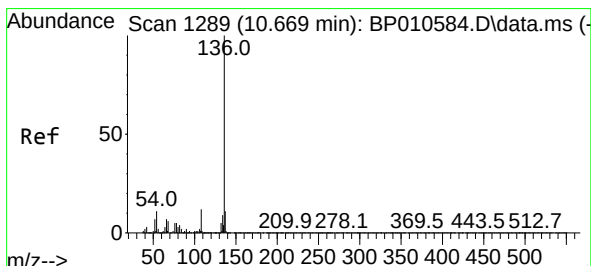
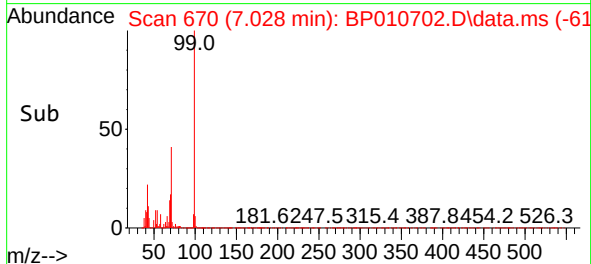
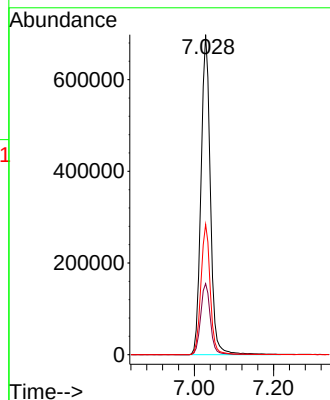
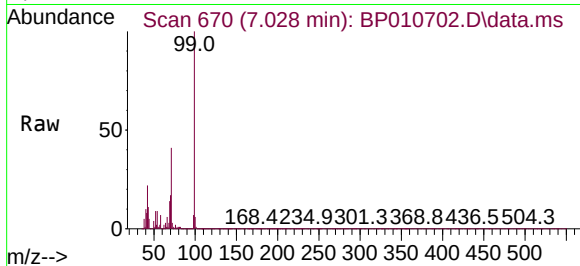


#7
Phenol-d6
Concen: 183.684 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP010702.D
Acq: 06 Jun 2022 13:57

Instrument :
BNA_P
ClientSampleId :
PB145261BL

Tgt Ion: 99 Resp: 1140211

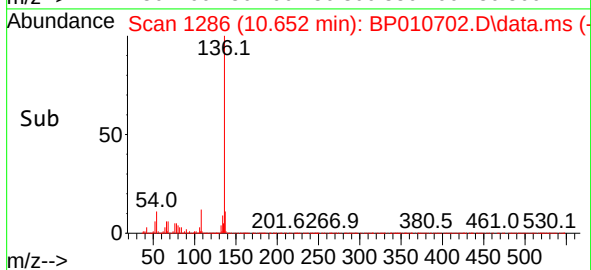
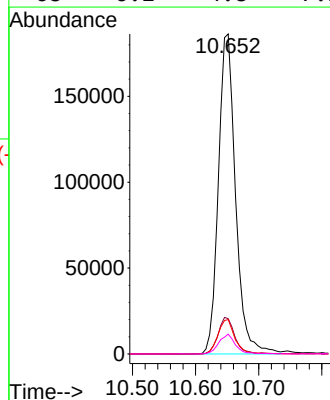
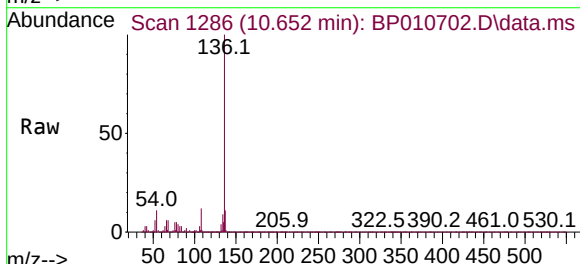
Ion	Ratio	Lower	Upper
99	100		
42	22.2	20.3	30.5
71	40.7	33.9	50.9

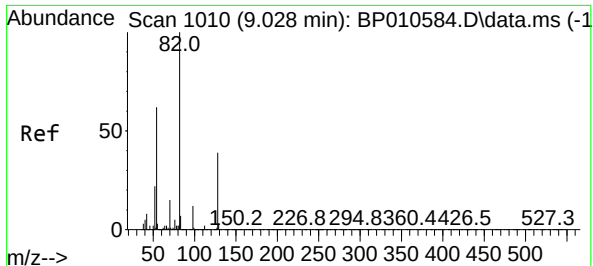


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.652 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BP010702.D
Acq: 06 Jun 2022 13:57

Tgt Ion: 136 Resp: 352400

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	10.8	8.7	13.1
68	6.2	4.8	7.2

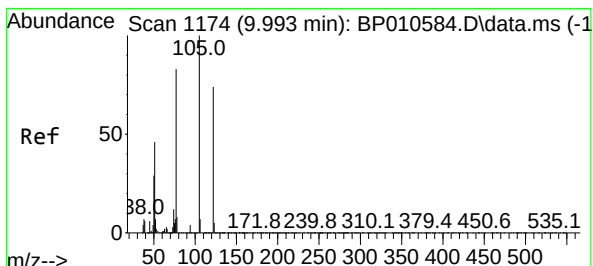
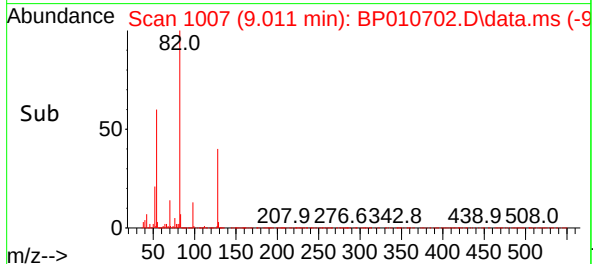
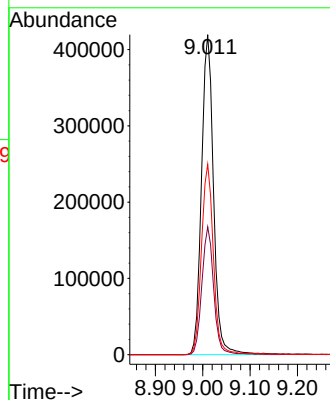
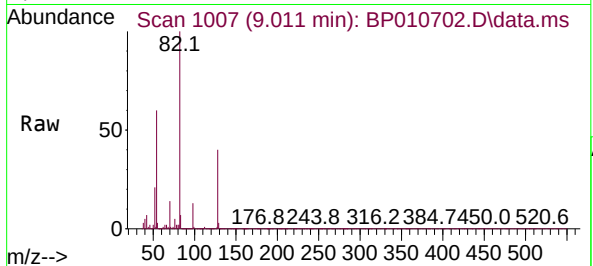




#23
Nitrobenzene-d5
Concen: 99.481 ng
RT: 9.011 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BP010702.D
Acq: 06 Jun 2022 13:57

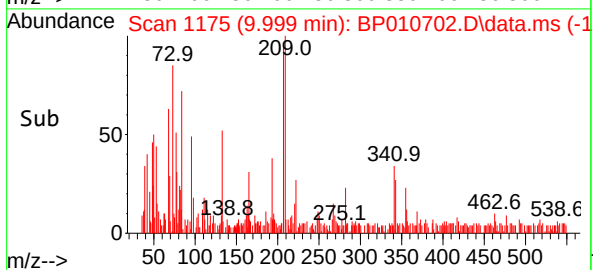
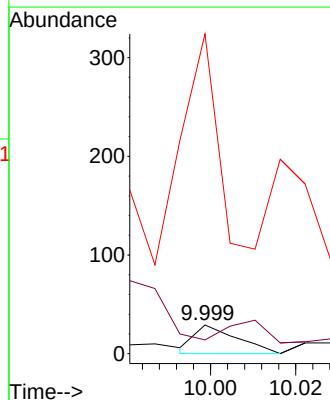
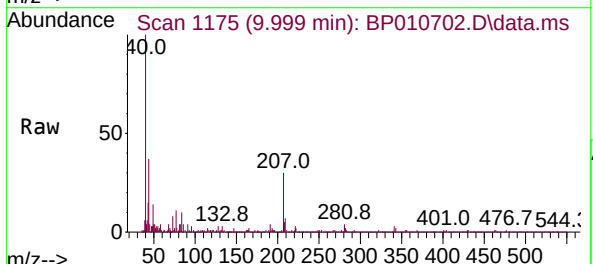
Instrument :
BNA_P
ClientSampleId :
PB145261BL

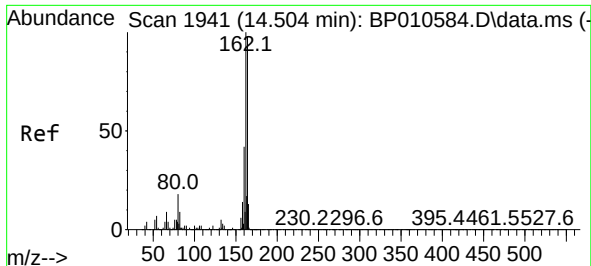
Tgt Ion: 82 Resp: 741504
Ion Ratio Lower Upper
82 100
128 39.9 31.3 46.9
54 59.5 49.8 74.8



#32
Benzoic acid
Concen: 7.329 ng
RT: 9.999 min Scan# 1175
Delta R.T. 0.006 min
Lab File: BP010702.D
Acq: 06 Jun 2022 13:57

Tgt Ion: 122 Resp: 20
Ion Ratio Lower Upper
122 100
105 48.3 112.6 152.6#
77 1320.7 90.2 130.2#

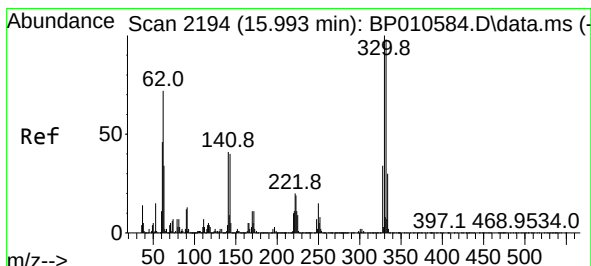
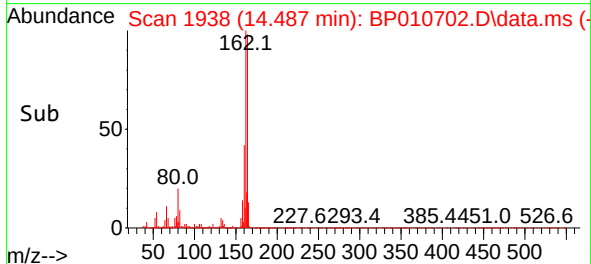
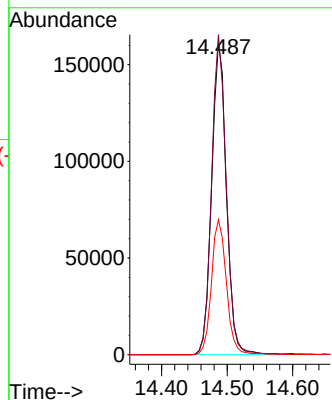
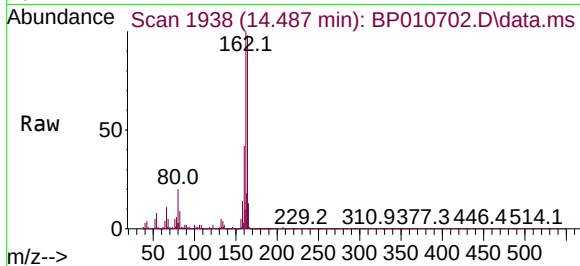




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.487 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BP010702.D
Acq: 06 Jun 2022 13:57

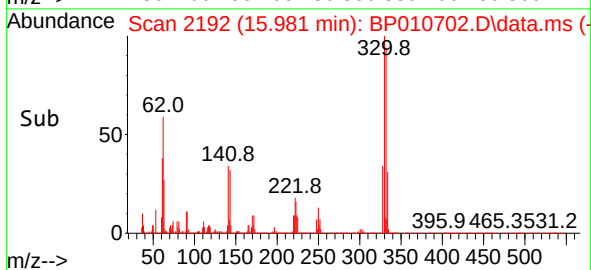
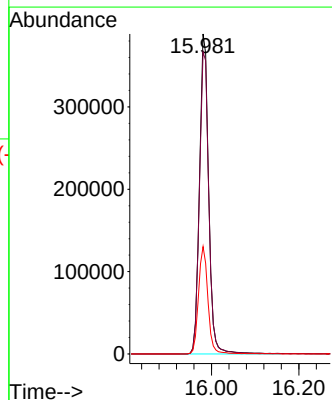
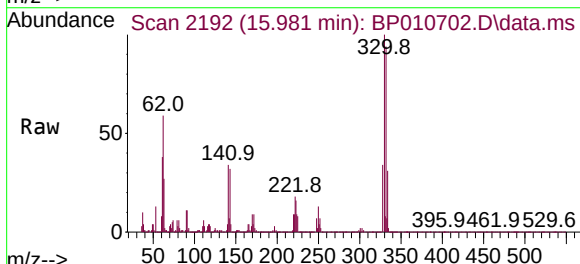
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BNA_P
ClientSampleId :
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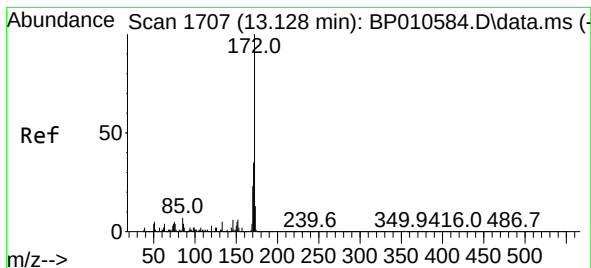
Tgt Ion:164 Resp: 252348
Ion Ratio Lower Upper
164 100
162 102.5 81.9 122.9
160 43.3 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 199.243 ng
RT: 15.981 min Scan# 2192
Delta R.T. -0.000 min
Lab File: BP010702.D
Acq: 06 Jun 2022 13:57

Tgt Ion:330 Resp: 569130
Ion Ratio Lower Upper
330 100
332 96.5 78.1 117.1
141 34.4 31.4 47.2





#45

2-Fluorobiphenyl

Concen: 97.408 ng

RT: 13.110 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP010702.D

Acq: 06 Jun 2022 13:57

Instrument :

BNA_P

ClientSampleId :

PB145261BL

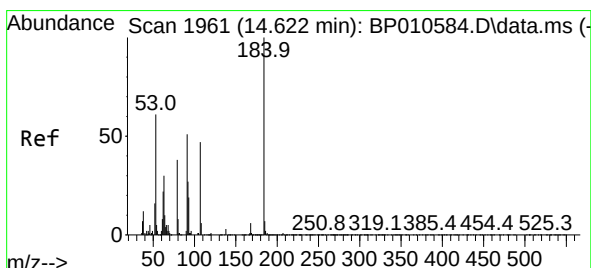
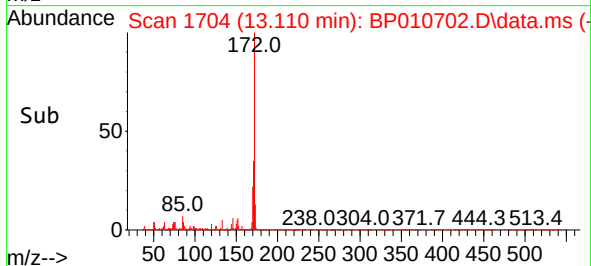
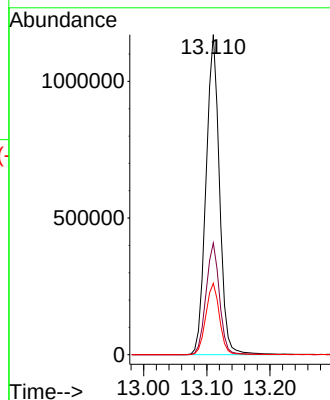
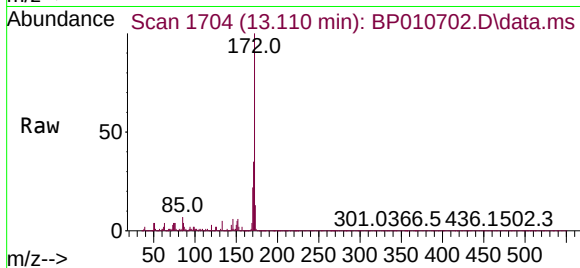
Tgt Ion:172 Resp: 1731962

Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

170 22.3 18.2 27.2



#54

2,4-Dinitrophenol

Concen: 6.653 ng

RT: 14.616 min Scan# 1960

Delta R.T. -0.000 min

Lab File: BP010702.D

Acq: 06 Jun 2022 13:57

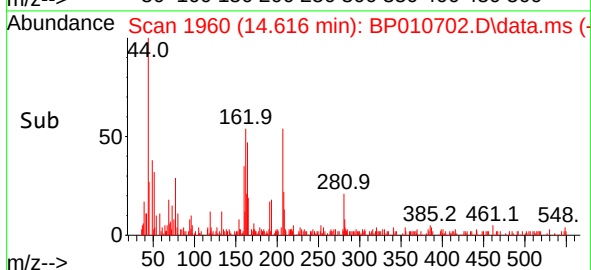
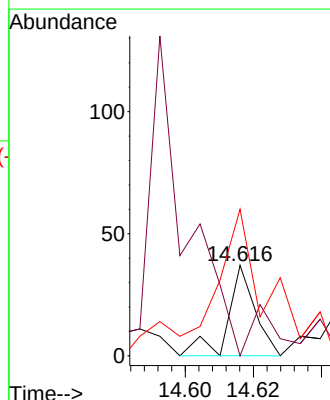
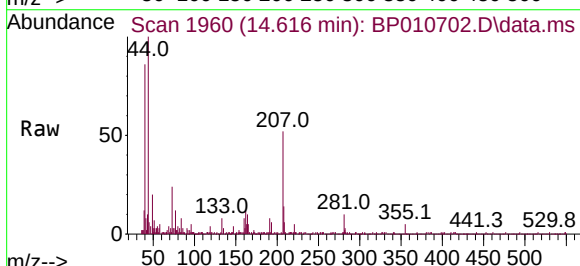
Tgt Ion:184 Resp: 20

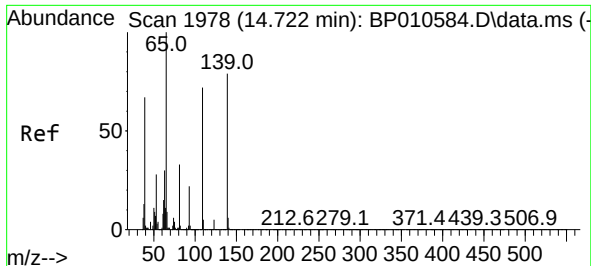
Ion Ratio Lower Upper

184 100

63 0.0 65.4 98.2#

154 162.2 55.4 83.2#

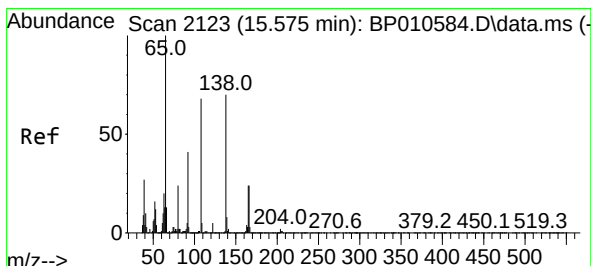
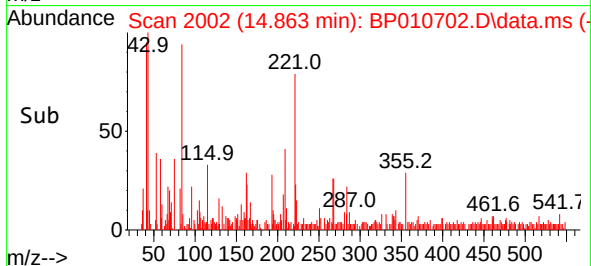
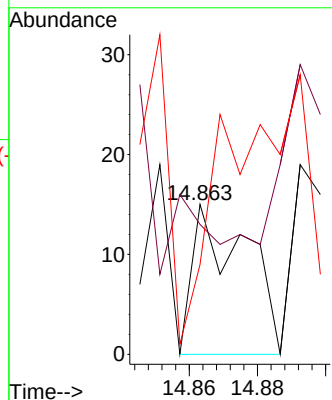
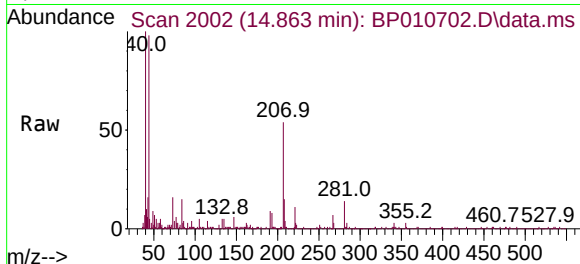




#56
4-Nitrophenol
Concen: 3.602 ng
RT: 14.863 min Scan# 20
Delta R.T. 0.141 min
Lab File: BP010702.D
Acq: 06 Jun 2022 13:57

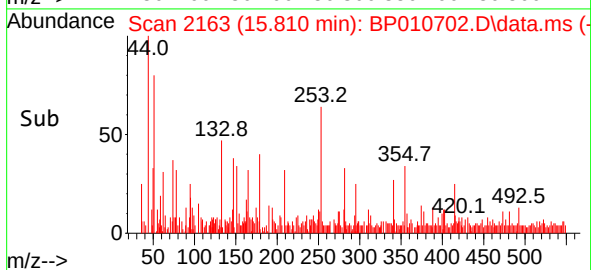
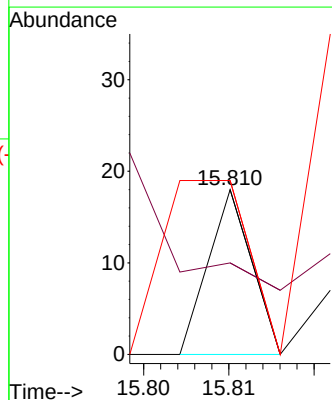
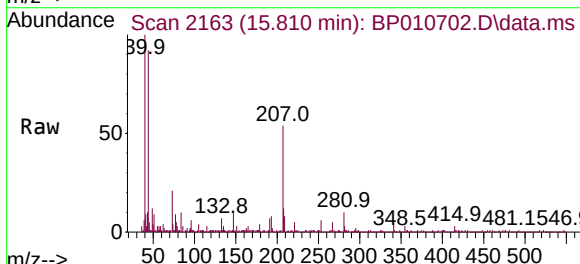
Instrument :
BNA_P
ClientSampleId :
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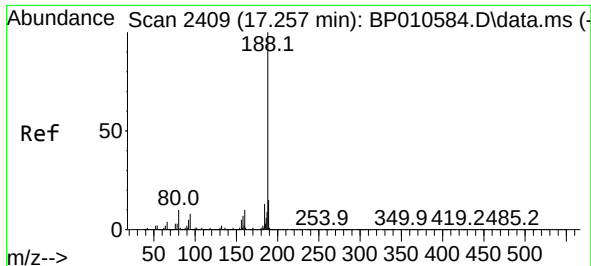
Tgt Ion:139 Resp: 16
Ion Ratio Lower Upper
139 100
109 86.7 70.6 110.6
65 113.3 106.6 146.6



#62
4-Nitroaniline
Concen: 2.134 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.247 min
Lab File: BP010702.D
Acq: 06 Jun 2022 13:57

Tgt Ion:138 Resp: 6
Ion Ratio Lower Upper
138 100
92 55.6 38.0 78.0
108 105.6 77.6 117.6

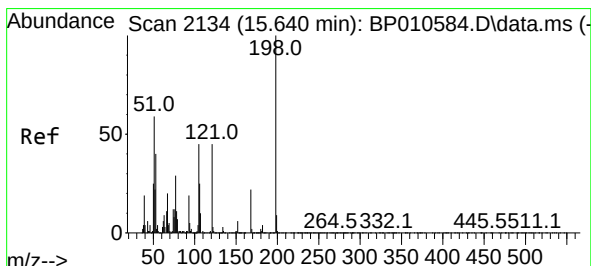
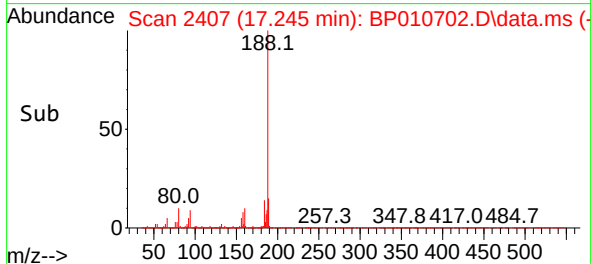
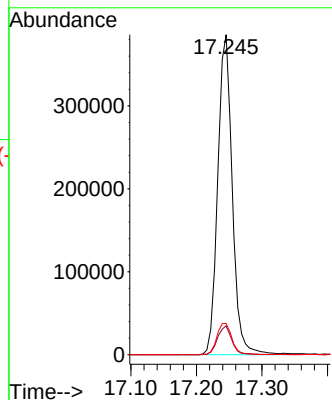
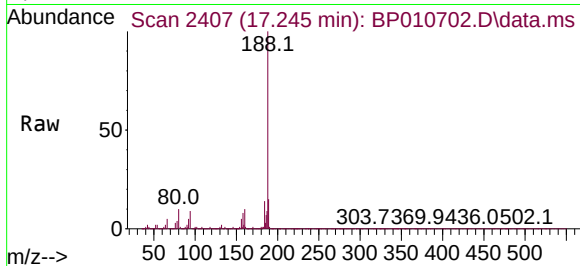




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2409
Delta R.T. 0.006 min
Lab File: BP010702.D
Acq: 06 Jun 2022 13:57

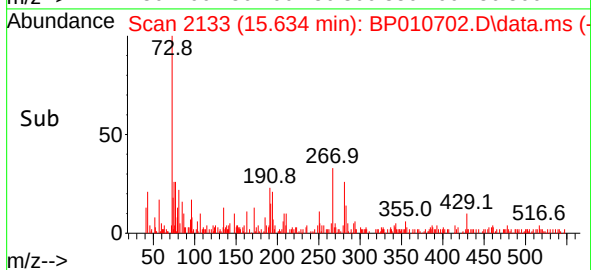
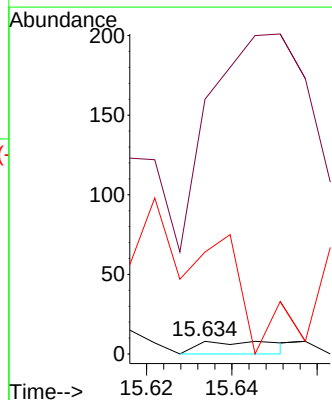
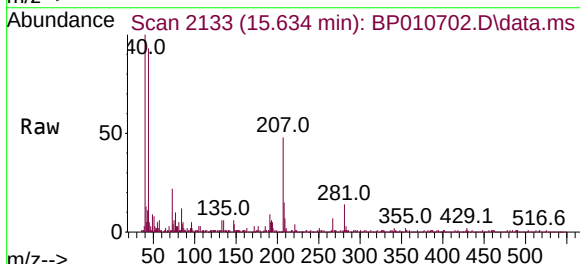
Instrument :
BNA_P
ClientSampleId :
PB145261BL

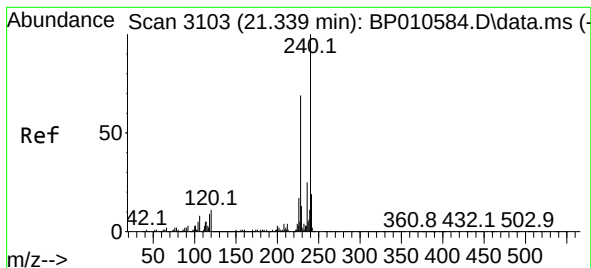
Tgt Ion:188 Resp: 589989
Ion Ratio Lower Upper
188 100
94 9.0 6.6 10.0
80 9.7 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.605 ng
RT: 15.634 min Scan# 2133
Delta R.T. -0.000 min
Lab File: BP010702.D
Acq: 06 Jun 2022 13:57

Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 2000.0 41.2 81.2#
105 800.0 25.3 65.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.333 min Scan# 3103

Delta R.T. -0.000 min

Lab File: BP010702.D

Acq: 06 Jun 2022 13:57

Instrument :

BNA_P

ClientSampleId :

PB145261BL

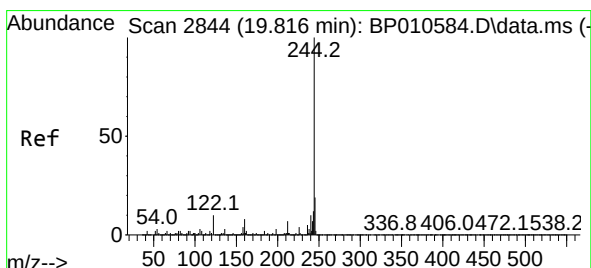
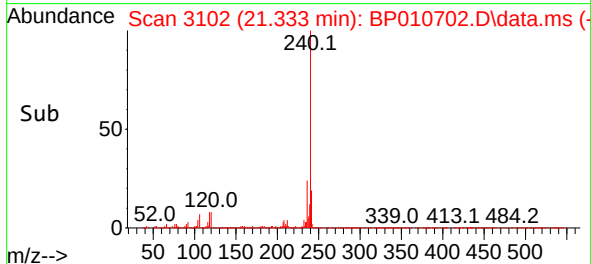
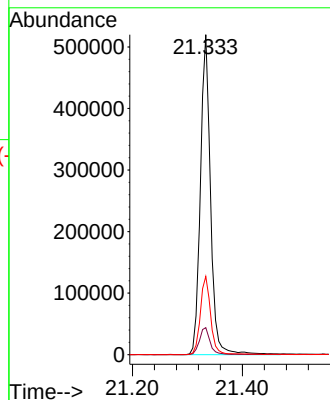
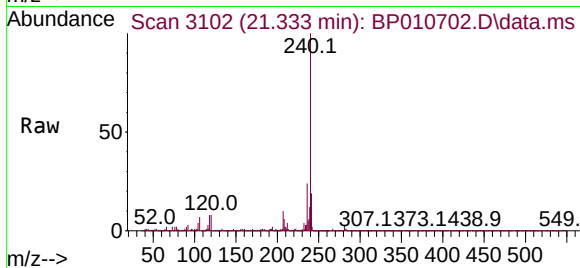
Tgt Ion:240 Resp: 666584

Ion Ratio Lower Upper

240 100

120 8.4 8.6 12.8#

236 24.5 19.8 29.6



#79

Terphenyl-d14

Concen: 108.844 ng

RT: 19.804 min Scan# 2842

Delta R.T. -0.000 min

Lab File: BP010702.D

Acq: 06 Jun 2022 13:57

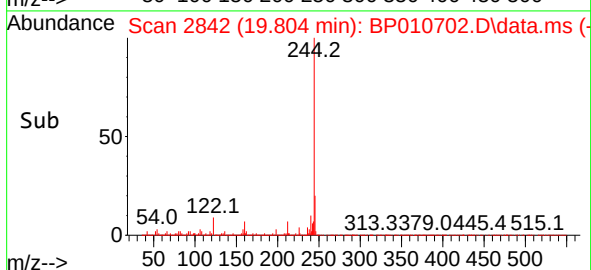
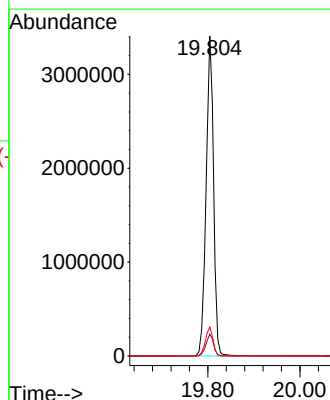
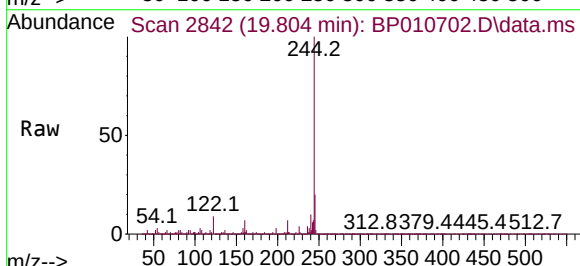
Tgt Ion:244 Resp: 3862736

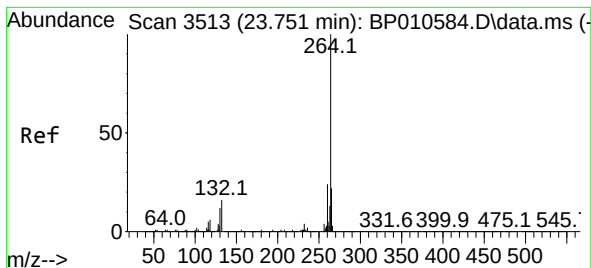
Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

122 9.0 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.745 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP010702.D

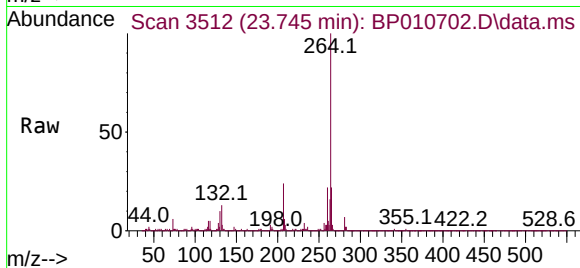
Acq: 06 Jun 2022 13:57

Instrument :

BNA_P

ClientSampleId :

PB145261BL



Tgt Ion:264 Resp: 668966

Ion Ratio Lower Upper

264 100

260 22.5 19.3 28.9

265 21.5 18.0 27.0

