

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060322\
 Data File : BP010697.D
 Acq On : 03 Jun 2022 17:39
 Operator : CG/JU
 Sample : N3143-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20220408-FIELD-BLANK-1

Quant Time: Jun 04 02:01:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 01:56:43 2022
 Response via : Initial Calibration

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

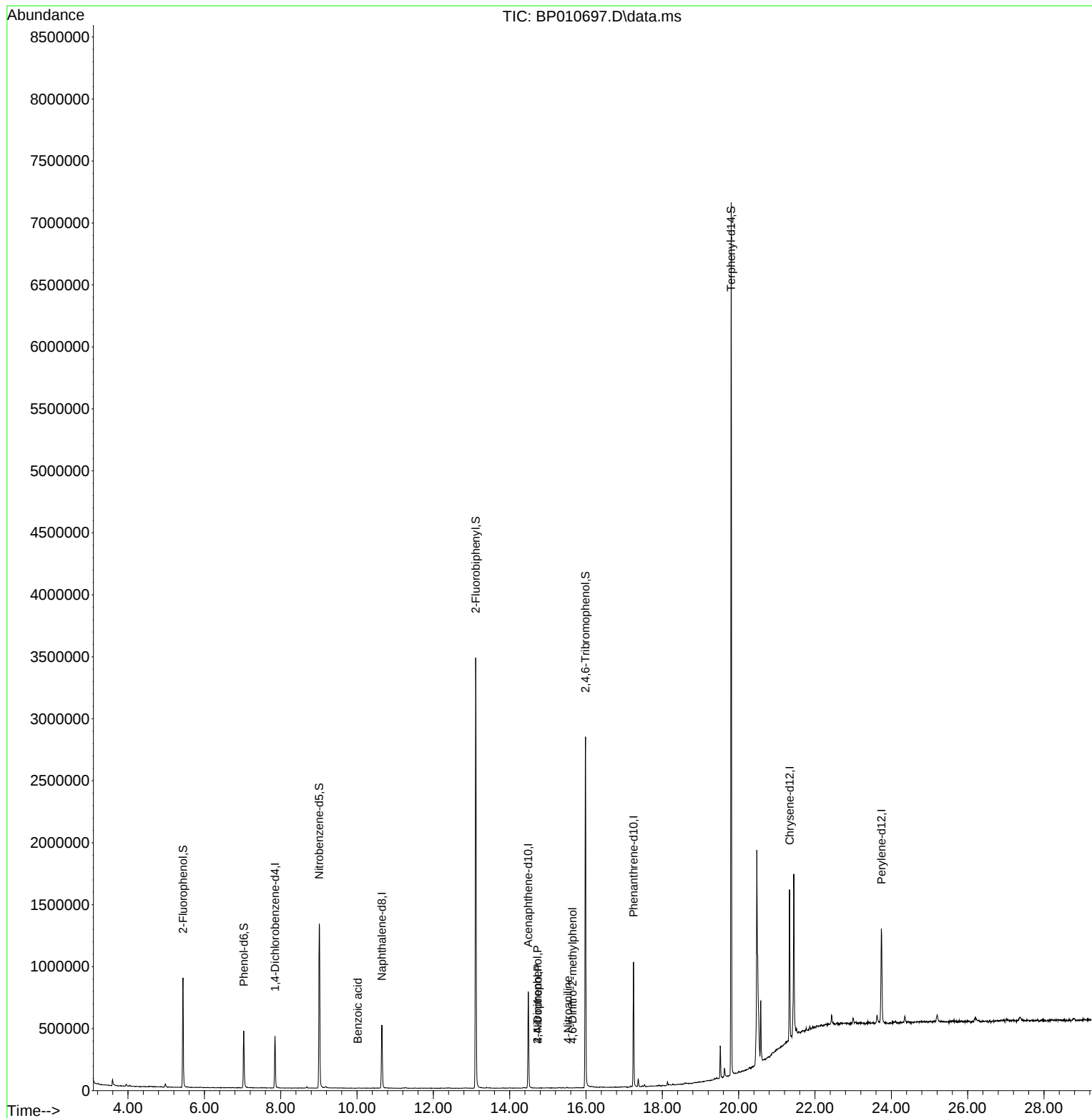
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	108838	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	427935	20.000	ng	0.00
39) Acenaphthene-d10	14.487	164	279224	20.000	ng	-0.01
64) Phenanthrene-d10	17.245	188	607216	20.000	ng	0.00
76) Chrysene-d12	21.333	240	599994	20.000	ng	#-0.01
86) Perylene-d12	23.739	264	620725	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	342456	57.401	ng	0.00
7) Phenol-d6	7.034	99	260900	30.804	ng	0.00
23) Nitrobenzene-d5	9.010	82	785416	86.773	ng	-0.01
42) 2,4,6-Tribromophenol	15.986	330	574048	181.621	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	1765164	89.720	ng	0.00
79) Terphenyl-d14	19.804	244	3203201	100.278	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.016	122	71	7.339	ng	# 1
54) 2,4-Dinitrophenol	14.728	184	29	6.656	ng	97
56) 4-Nitrophenol	14.734	139	14	3.601	ng	# 1
62) 4-Nitroaniline	15.528	138	160	2.167	ng	# 15
65) 4,6-Dinitro-2-methylph...	15.645	198	18	4.607	ng	# 1

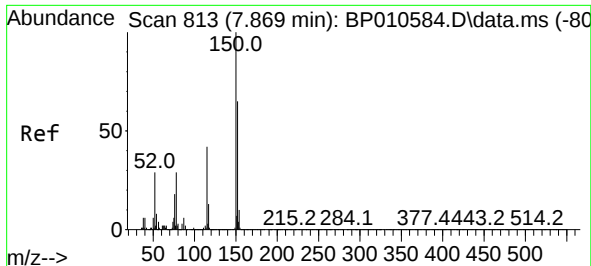
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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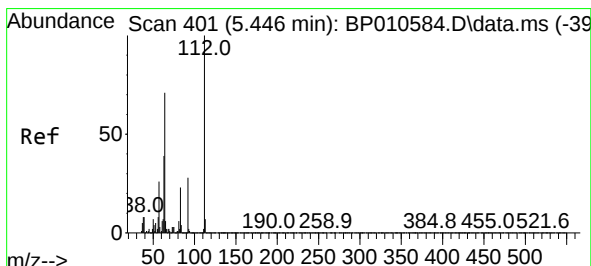
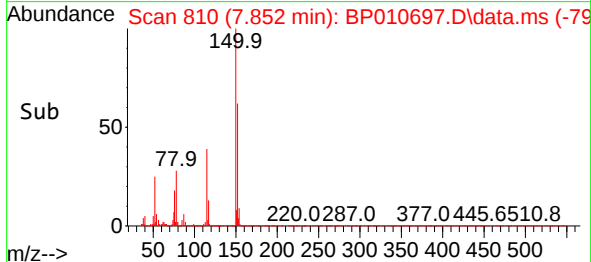
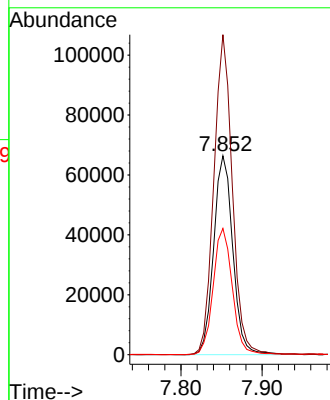
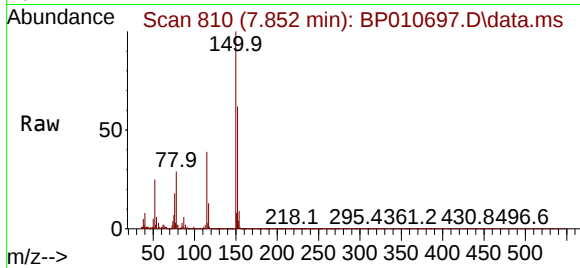




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.852 min Scan# 813
Delta R.T. -0.000 min
Lab File: BP010697.D
Acq: 03 Jun 2022 17:39

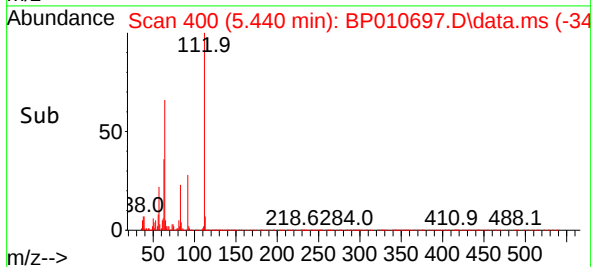
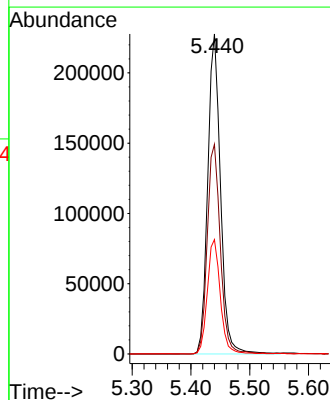
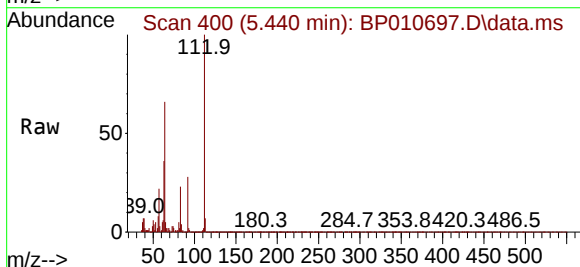
Instrument :
BNA_P
ClientSampleId :
20220408-FIELD-BLANK-1

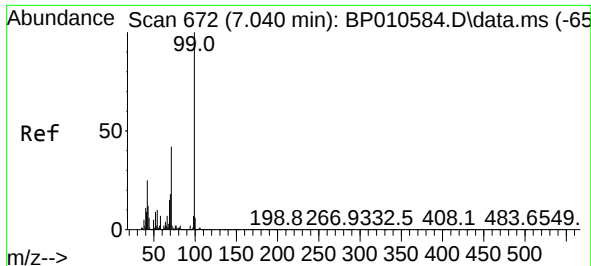
Tgt Ion:152 Resp: 108838
Ion Ratio Lower Upper
152 100
150 160.9 123.4 185.2
115 63.5 51.3 76.9



#5
2-Fluorophenol
Concen: 57.401 ng
RT: 5.440 min Scan# 400
Delta R.T. -0.000 min
Lab File: BP010697.D
Acq: 03 Jun 2022 17:39

Tgt Ion:112 Resp: 342456
Ion Ratio Lower Upper
112 100
64 65.5 56.9 85.3
63 35.7 31.2 46.8

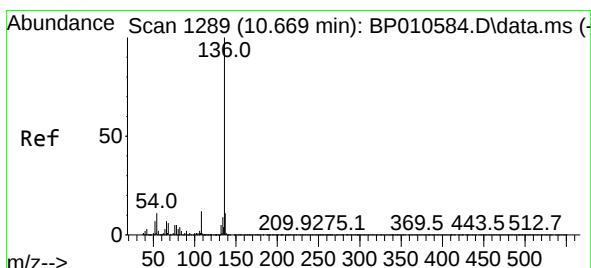
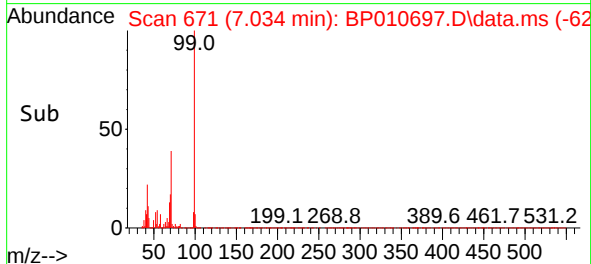
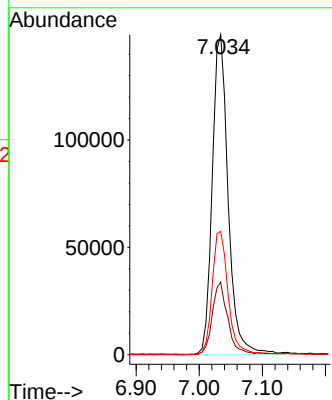
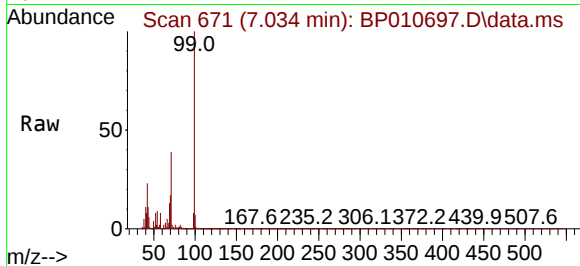




#7
Phenol-d6
Concen: 30.804 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP010697.D
Acq: 03 Jun 2022 17:39

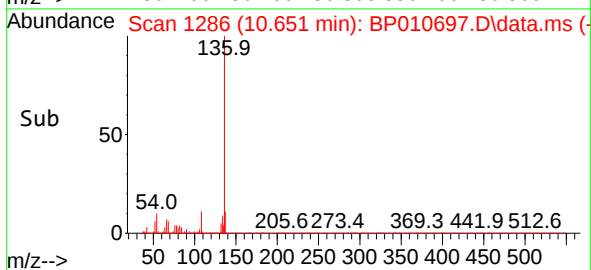
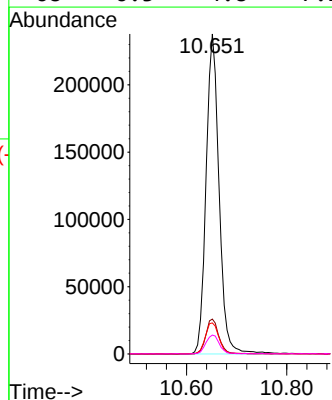
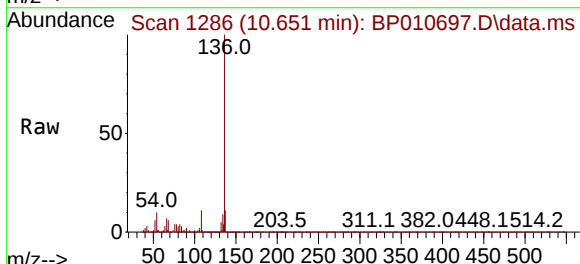
Instrument :
BNA_P
ClientSampleId :
20220408-FIELD-BLANK-1

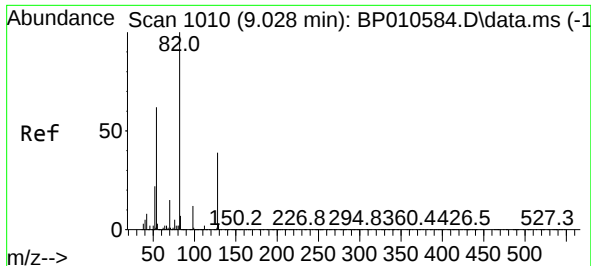
Tgt Ion: 99 Resp: 260900
Ion Ratio Lower Upper
99 100
42 22.7 20.3 30.5
71 38.5 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BP010697.D
Acq: 03 Jun 2022 17:39

Tgt Ion:136 Resp: 427935
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 9.7 8.7 13.1
68 6.3 4.8 7.2

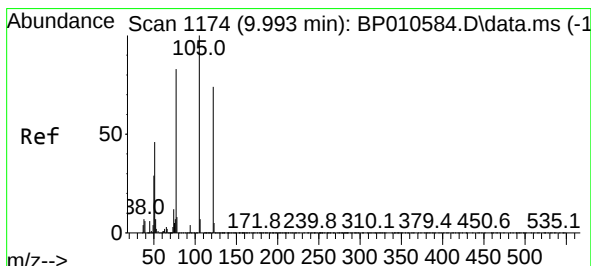
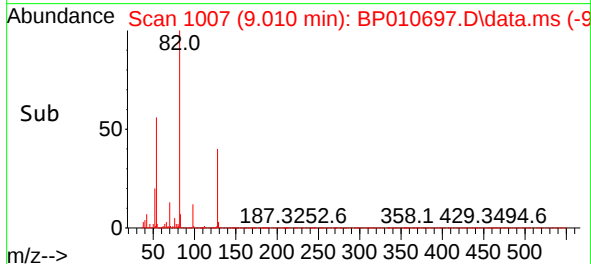
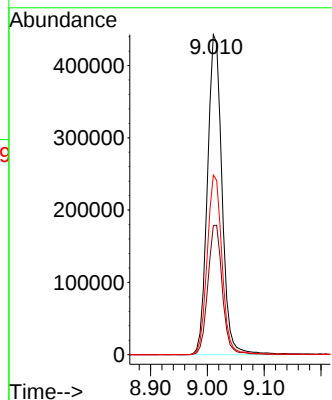
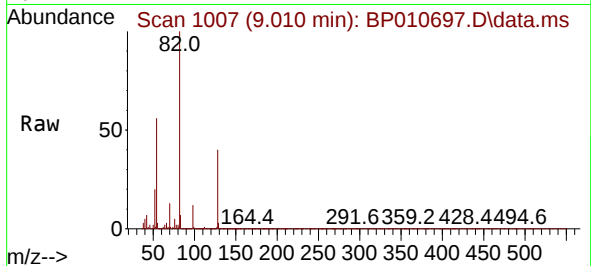




#23
Nitrobenzene-d5
Concen: 86.773 ng
RT: 9.010 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BP010697.D
Acq: 03 Jun 2022 17:39

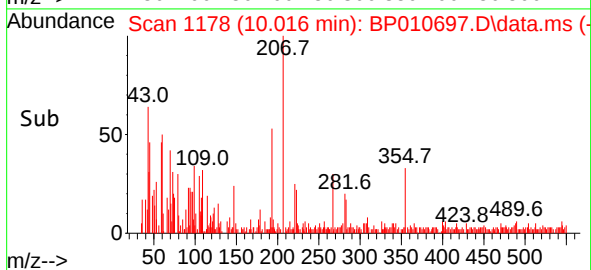
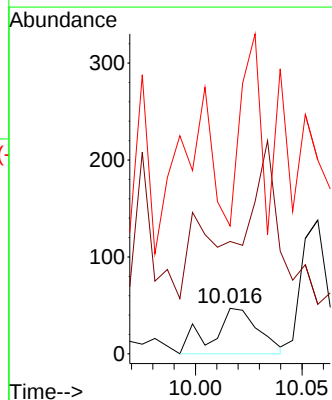
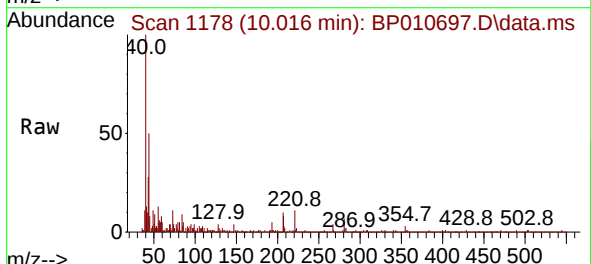
Instrument :
BNA_P
ClientSampleId :
20220408-FIELD-BLANK-1

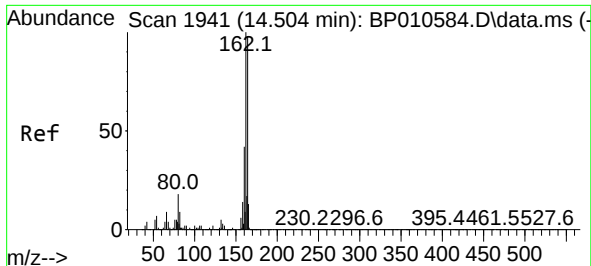
Tgt Ion: 82 Resp: 785416
Ion Ratio Lower Upper
82 100
128 40.3 31.3 46.9
54 56.2 49.8 74.8



#32
Benzoic acid
Concen: 7.339 ng
RT: 10.016 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BP010697.D
Acq: 03 Jun 2022 17:39

Tgt Ion: 122 Resp: 71
Ion Ratio Lower Upper
122 100
105 246.8 112.6 152.6#
77 280.9 90.2 130.2#

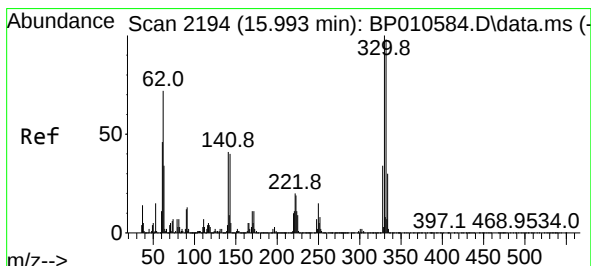
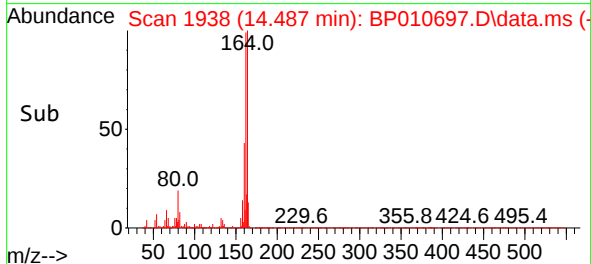
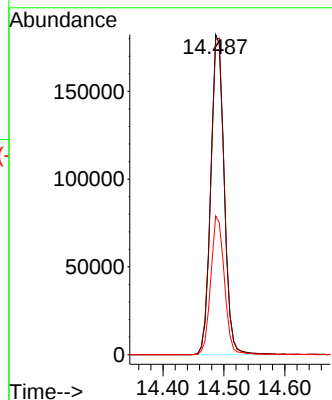
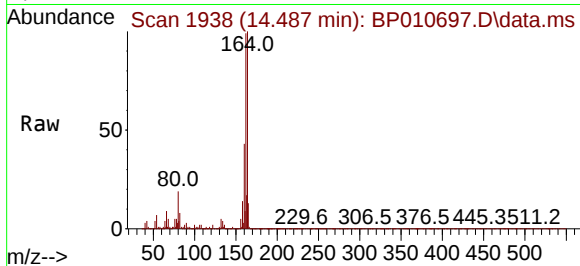




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.487 min Scan# 1938
Delta R.T. -0.012 min
Lab File: BP010697.D
Acq: 03 Jun 2022 17:39

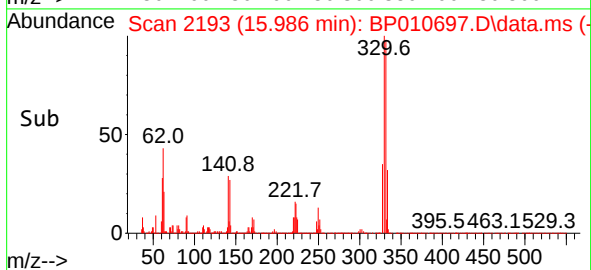
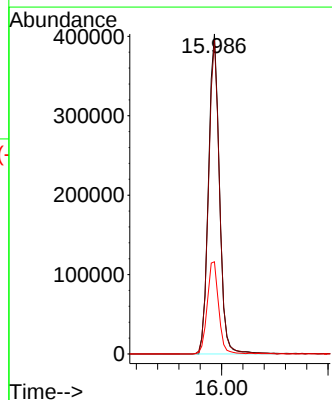
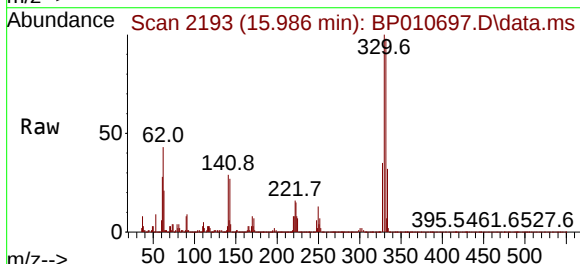
Instrument :
BNA_P
ClientSampleId :
20220408-FIELD-BLANK-1

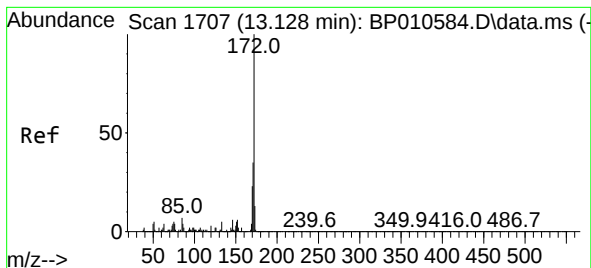
Tgt Ion:164 Resp: 279224
Ion Ratio Lower Upper
164 100
162 98.6 81.9 122.9
160 43.3 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 181.621 ng
RT: 15.986 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BP010697.D
Acq: 03 Jun 2022 17:39

Tgt Ion:330 Resp: 574048
Ion Ratio Lower Upper
330 100
332 97.8 78.1 117.1
141 29.9 31.4 47.2#





#45

2-Fluorobiphenyl

Concen: 89.720 ng

RT: 13.110 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP010697.D

Acq: 03 Jun 2022 17:39

Instrument :

BNA_P

ClientSampleId :

20220408-FIELD-BLANK-1

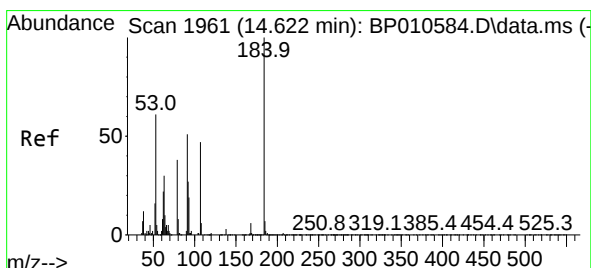
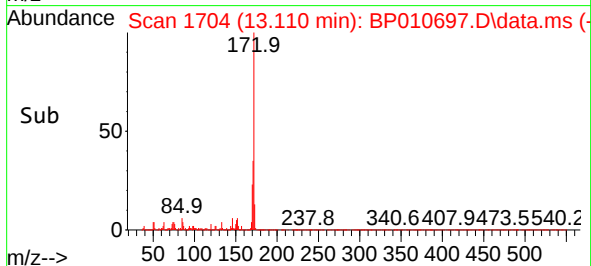
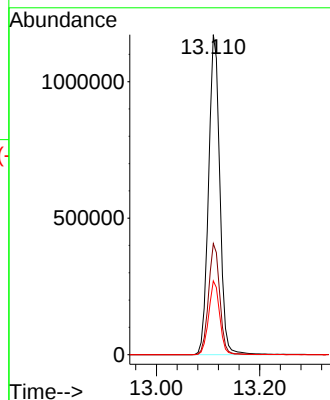
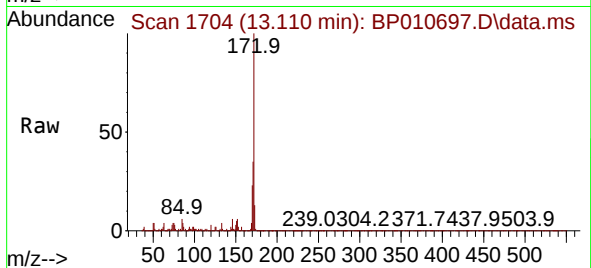
Tgt Ion:172 Resp: 1765164

Ion Ratio Lower Upper

172 100

171 34.7 27.9 41.9

170 23.0 18.2 27.2



#54

2,4-Dinitrophenol

Concen: 6.656 ng

RT: 14.728 min Scan# 1979

Delta R.T. 0.106 min

Lab File: BP010697.D

Acq: 03 Jun 2022 17:39

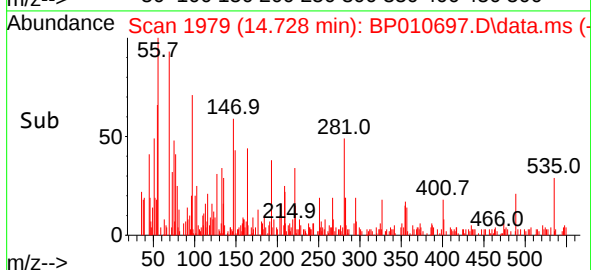
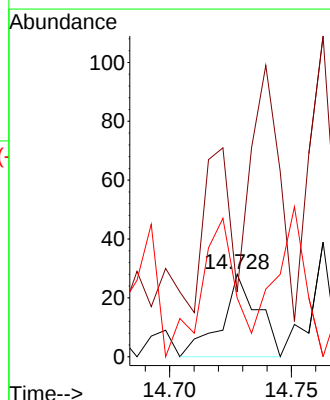
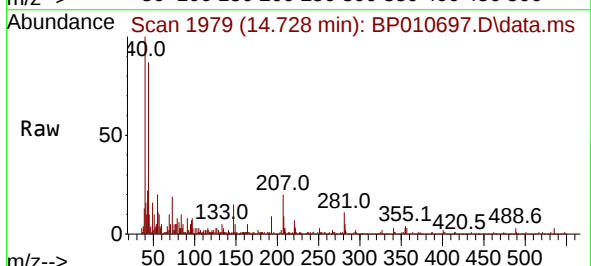
Tgt Ion:184 Resp: 29

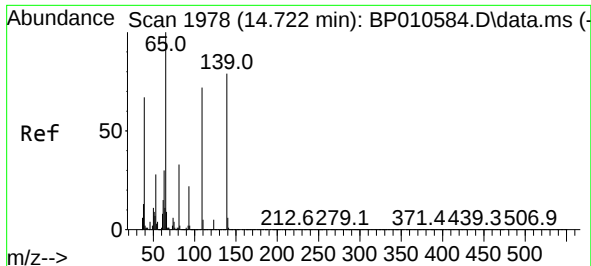
Ion Ratio Lower Upper

184 100

63 78.6 65.4 98.2

154 71.4 55.4 83.2

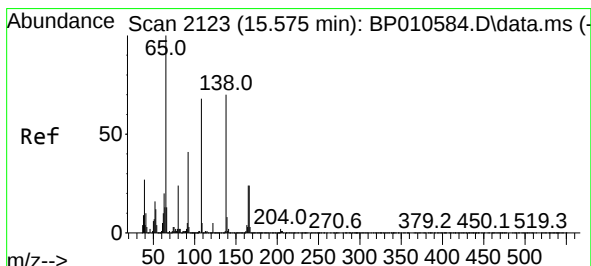
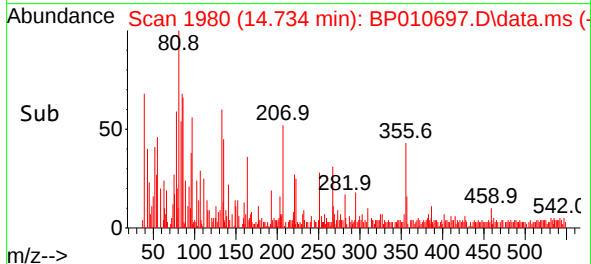
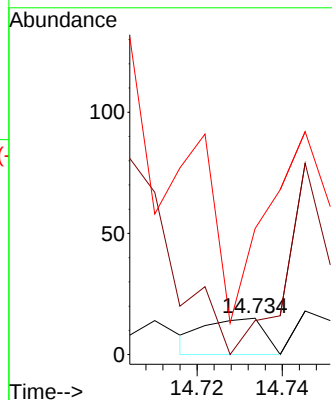
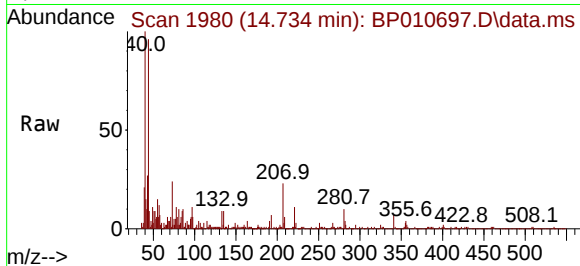




#56
4-Nitrophenol
Concen: 3.601 ng
RT: 14.734 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP010697.D
Acq: 03 Jun 2022 17:39

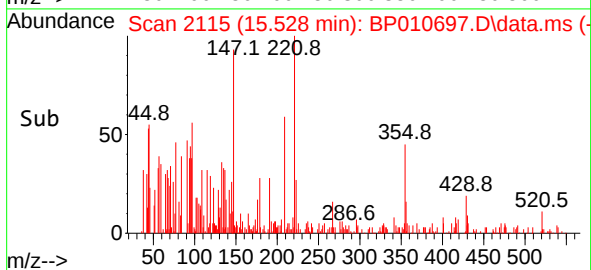
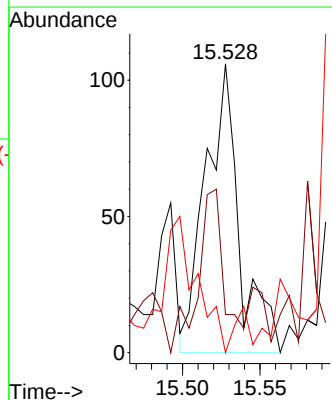
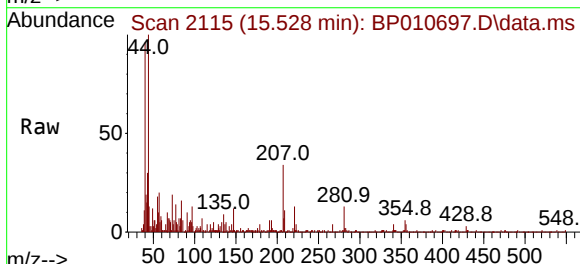
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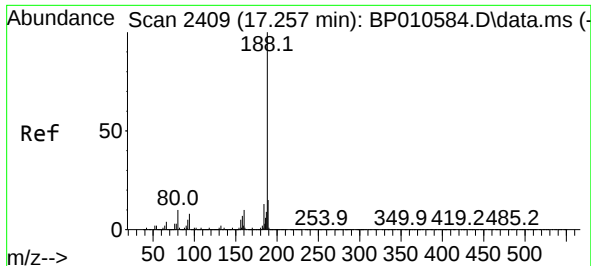
Tgt Ion:139 Resp: 14
Ion Ratio Lower Upper
139 100
109 93.3 70.6 110.6
65 346.7 106.6 146.6#



#62
4-Nitroaniline
Concen: 2.167 ng
RT: 15.528 min Scan# 2115
Delta R.T. -0.047 min
Lab File: BP010697.D
Acq: 03 Jun 2022 17:39

Tgt Ion:138 Resp: 160
Ion Ratio Lower Upper
138 100
92 13.2 38.0 78.0#
108 0.0 77.6 117.6#

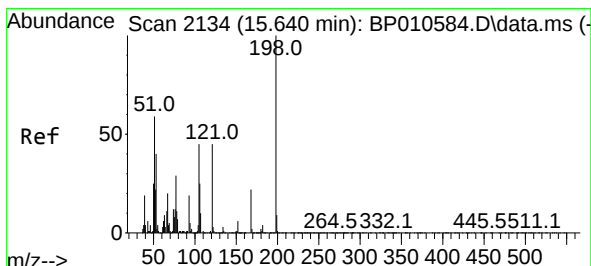
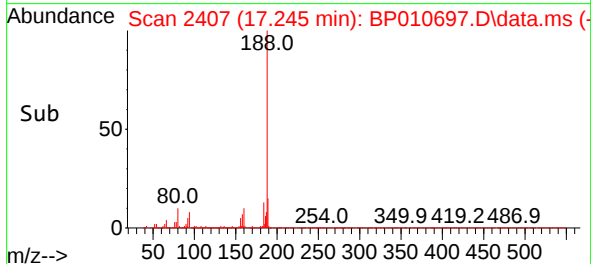
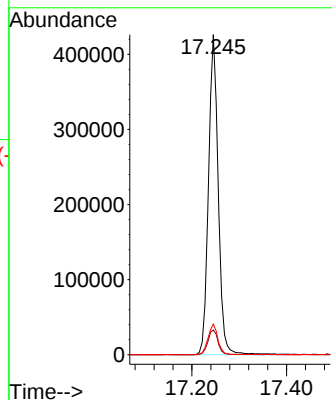
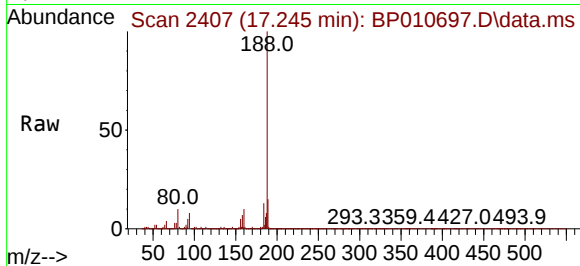




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP010697.D
Acq: 03 Jun 2022 17:39

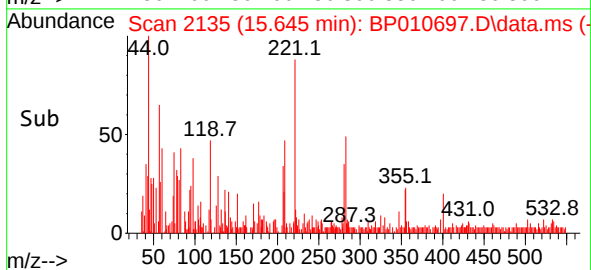
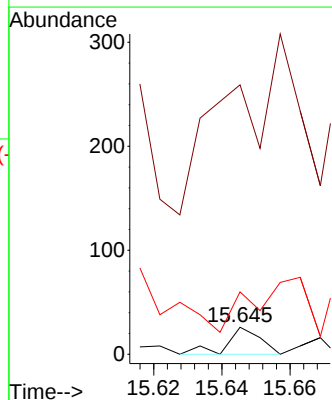
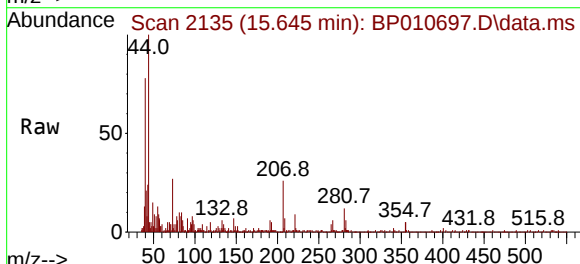
Instrument :
BNA_P
ClientSampleId :
20220408-FIELD-BLANK-1

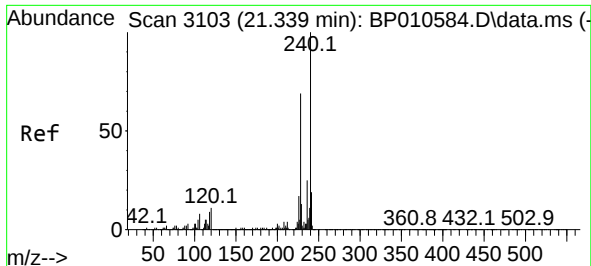
Tgt Ion:188 Resp: 607216
Ion Ratio Lower Upper
188 100
94 7.7 6.6 10.0
80 9.5 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.607 ng
RT: 15.645 min Scan# 2135
Delta R.T. 0.006 min
Lab File: BP010697.D
Acq: 03 Jun 2022 17:39

Tgt Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
51 996.2 41.2 81.2#
105 230.8 25.3 65.3#

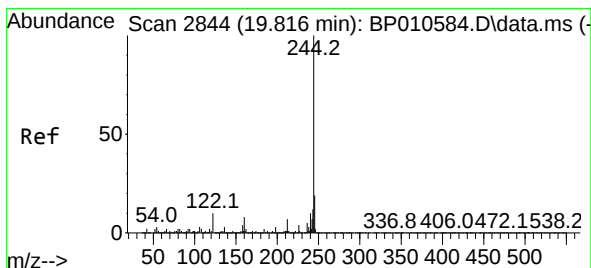
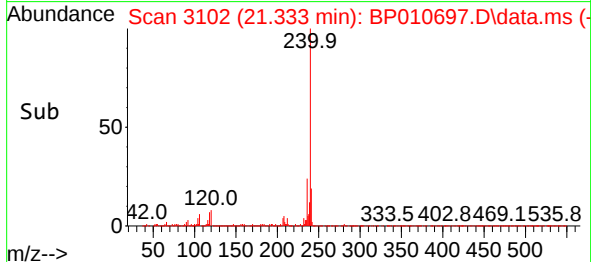
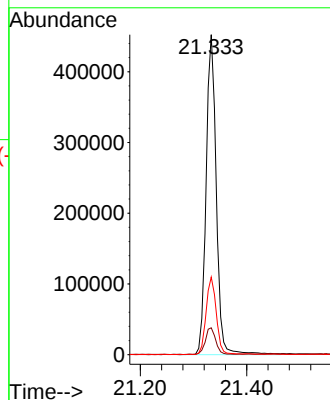
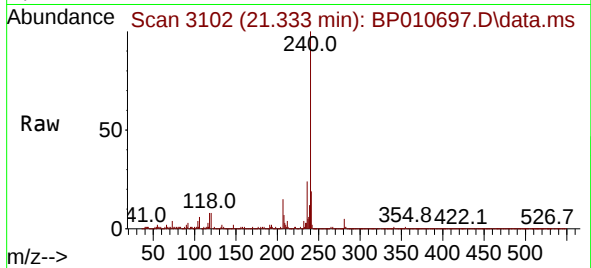




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP010697.D
Acq: 03 Jun 2022 17:39

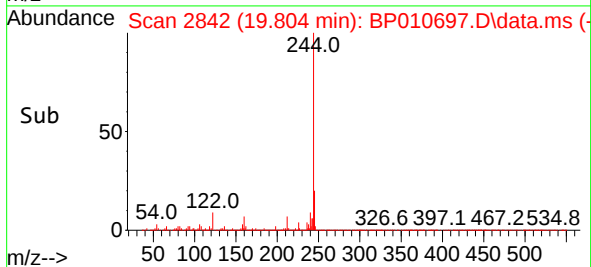
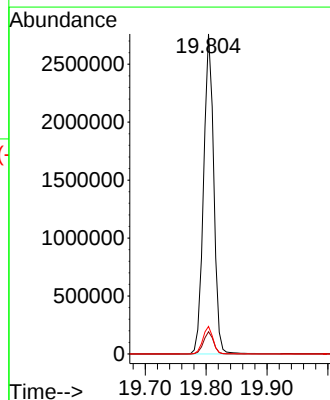
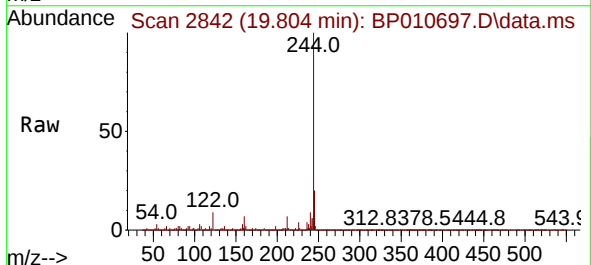
Instrument :
BNA_P
ClientSampleId :
20220408-FIELD-BLANK-1

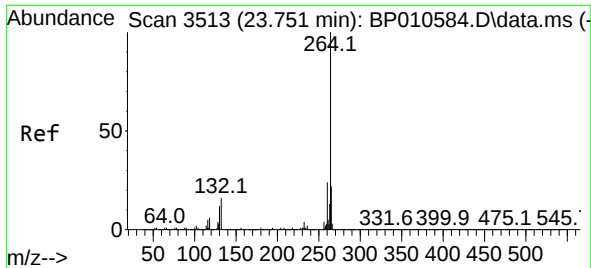
Tgt Ion:240 Resp: 599994
Ion Ratio Lower Upper
240 100
120 8.4 8.6 12.8#
236 24.3 19.8 29.6



#79
Terphenyl-d14
Concen: 100.278 ng
RT: 19.804 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BP010697.D
Acq: 03 Jun 2022 17:39

Tgt Ion:244 Resp: 3203201
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 8.6 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.739 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BP010697.D
 Acq: 03 Jun 2022 17:39

Instrument :
 BNA_P
 ClientSampleId :
 20220408-FIELD-BLANK-1

Tgt Ion:264 Resp: 620725
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.3 28.9
 265 23.1 18.0 27.0

