

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112921\
 Data File : BP008144.D
 Acq On : 29 Nov 2021 16:32
 Operator : CG/JU
 Sample : M4798-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-4-3.0

Quant Time: Nov 29 17:01:06 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 25 01:13:46 2021
 Response via : Initial Calibration

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

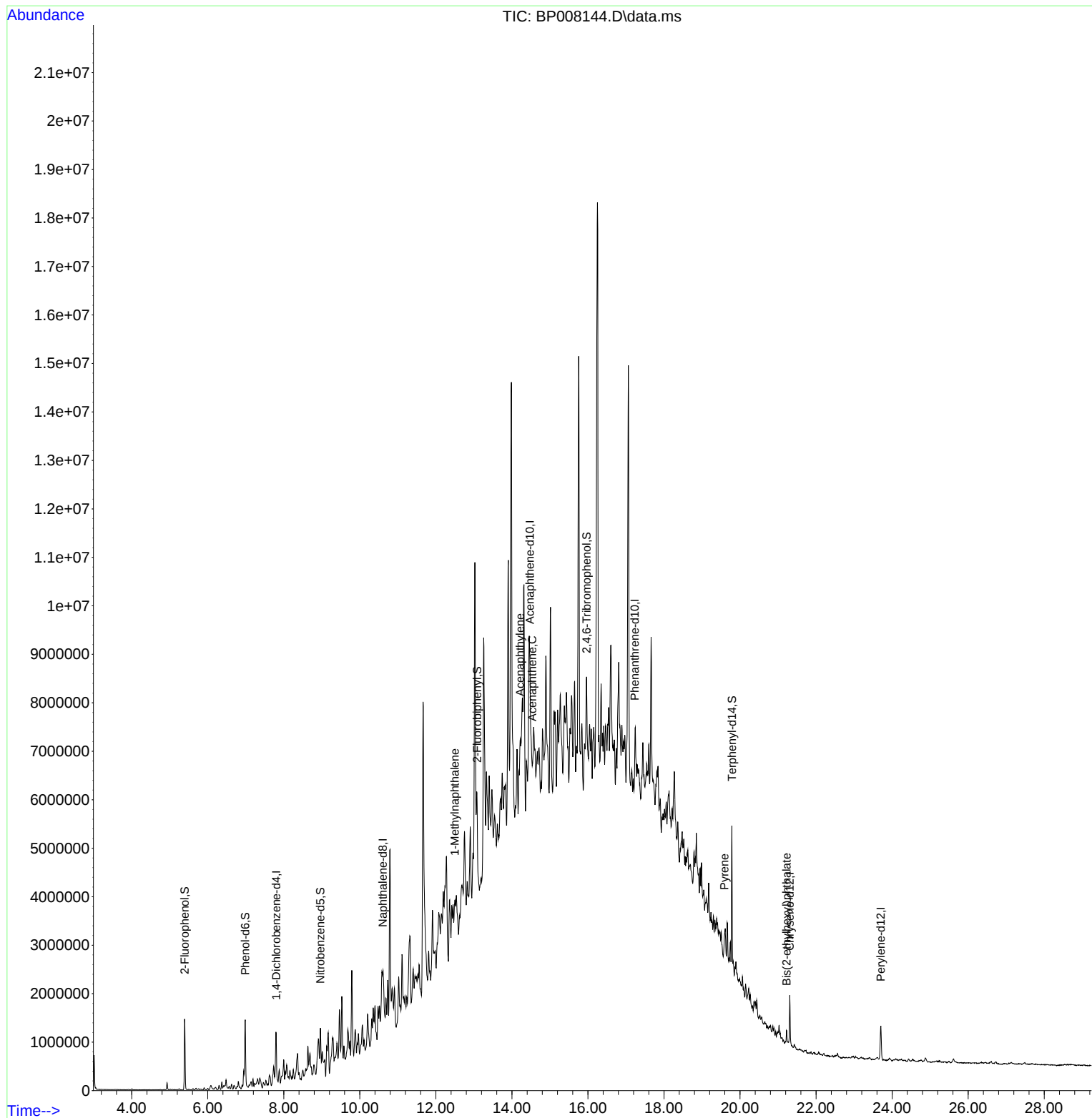
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	108439	20.000	ng	-0.01
21) Naphthalene-d8	10.604	136	353836	20.000	ng	# 0.00
39) Acenaphthene-d10	14.475	164	216905	20.000	ng	0.02
64) Phenanthrene-d10	17.233	188	416124	20.000	ng	# 0.02
76) Chrysene-d12	21.309	240	482215	20.000	ng	0.00
86) Perylene-d12	23.703	264	534193	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	573913	85.214	ng	-0.01
7) Phenol-d6	6.987	99	754041	82.937	ng	-0.01
23) Nitrobenzene-d5	8.963	82	521647	67.039	ng	-0.01
42) 2,4,6-Tribromophenol	15.969	330	268155	96.723	ng	0.01
45) 2-Fluorobiphenyl	13.086	172	787476	52.734	ng	0.00
79) Terphenyl-d14	19.786	244	1286722	55.767	ng	0.00
Target Compounds						
						Qvalue
38) 1-Methylnaphthalene	12.498	142	33705	2.701	ng	# 60
49) Acenaphthylene	14.216	152	62249	3.247	ng	# 1
52) Acenaphthene	14.533	154	26094	2.284	ng	# 43
78) Pyrene	19.592	202	264280	6.487	ng	# 88
84) Bis(2-ethylhexyl)phtha...	21.221	149	85627	4.107	ng	# 95

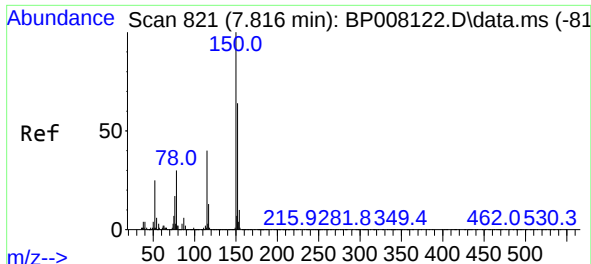
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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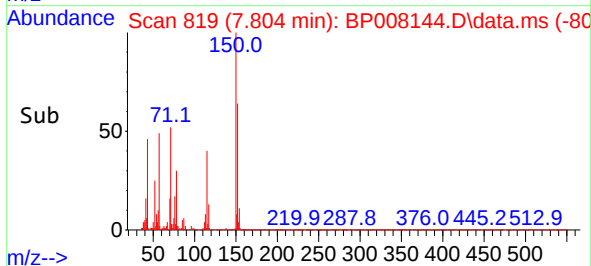
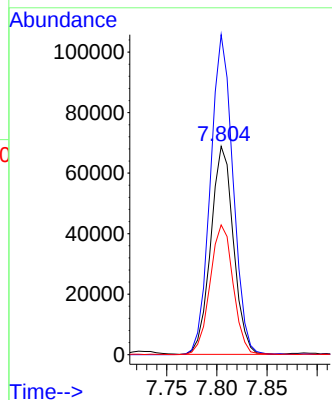
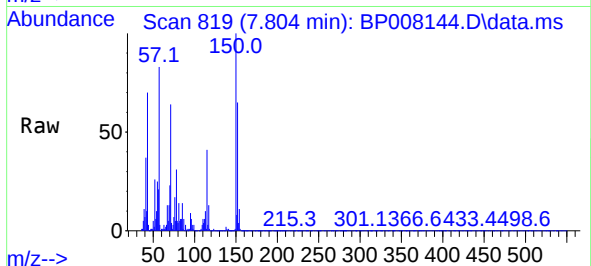




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

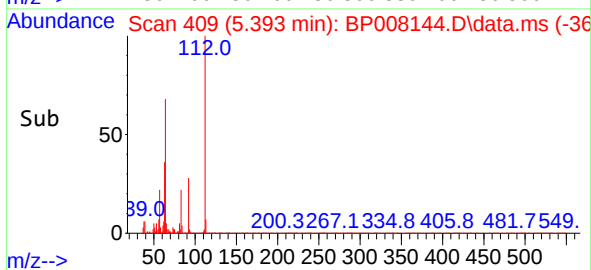
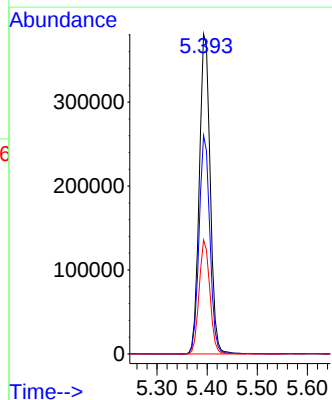
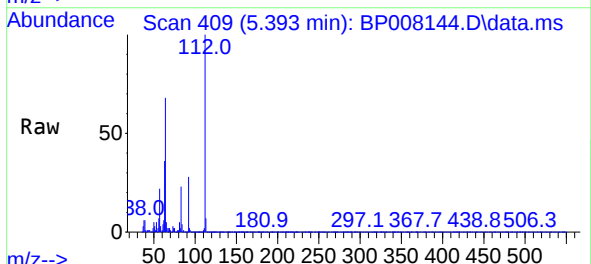
Instrument :
BNA_P
ClientSampleId :
SB-4-3.0

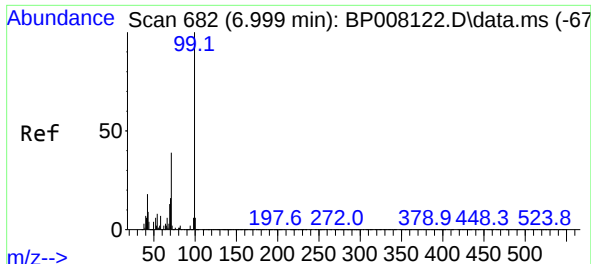
Tgt Ion:152 Resp: 108439
Ion Ratio Lower Upper
152 100
150 153.6 125.7 188.5
115 62.2 50.7 76.1



#5
2-Fluorophenol
Concen: 85.214 ng
RT: 5.393 min Scan# 409
Delta R.T. -0.012 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

Tgt Ion:112 Resp: 573913
Ion Ratio Lower Upper
112 100
64 68.3 53.4 80.2
63 35.6 27.8 41.8

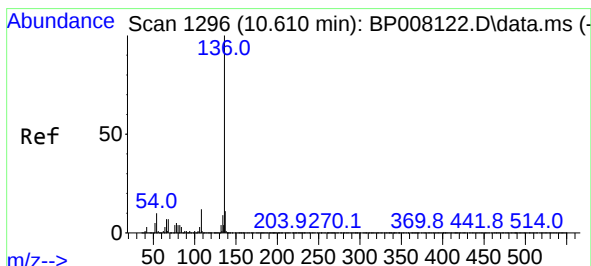
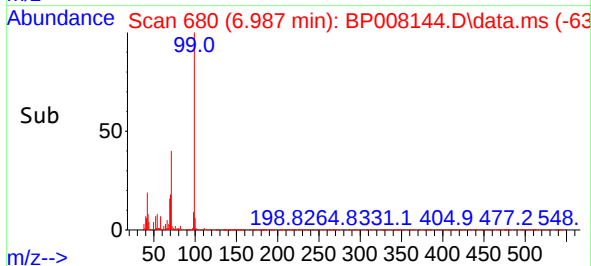
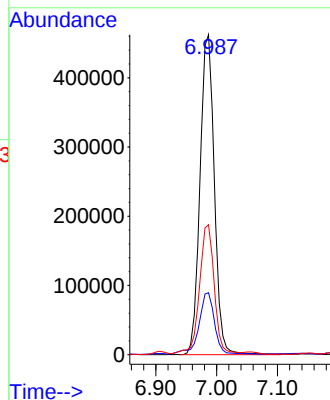
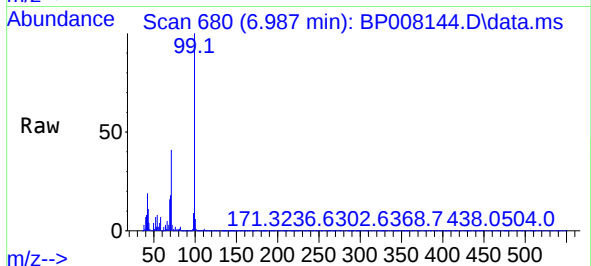




#7
Phenol-d6
Concen: 82.937 ng
RT: 6.987 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

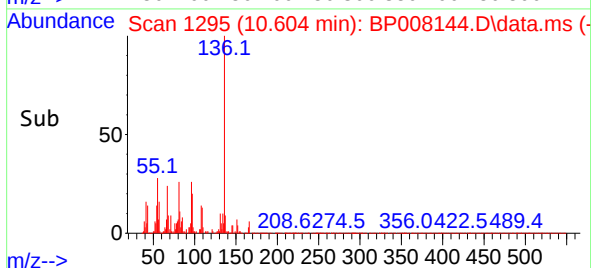
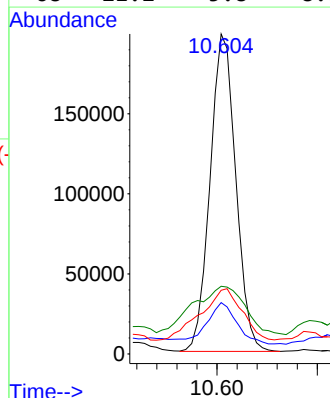
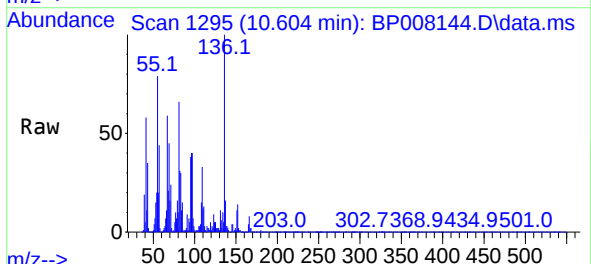
Instrument :
BNA_P
ClientSampleId :
SB-4-3.0

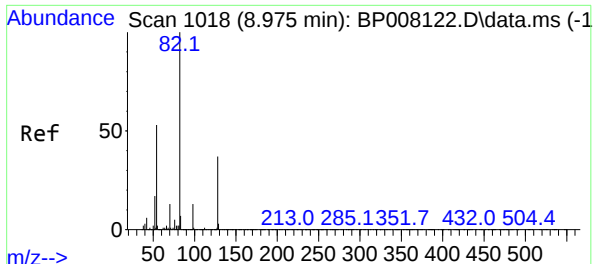
Tgt Ion: 99 Resp: 754041
Ion Ratio Lower Upper
99 100
42 19.4 14.6 22.0
71 40.6 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

Tgt Ion: 136 Resp: 353836
Ion Ratio Lower Upper
136 100
137 16.0 9.0 13.6#
54 19.9 8.2 12.4#
68 21.2 5.8 8.8#





#23

Nitrobenzene-d5

Concen: 67.039 ng

RT: 8.963 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP008144.D

Acq: 29 Nov 2021 16:32

Instrument :

BNA_P

ClientSampleId :

SB-4-3.0

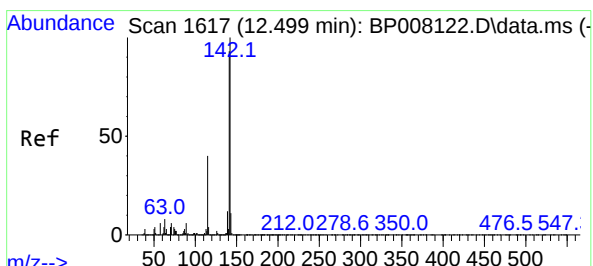
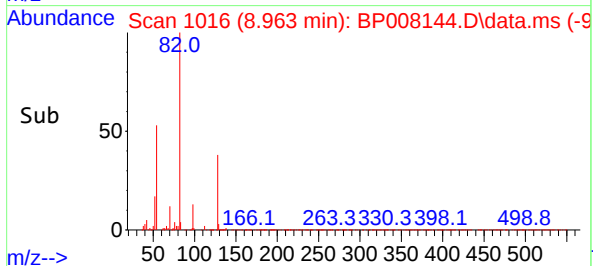
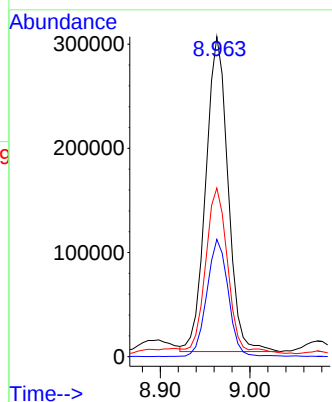
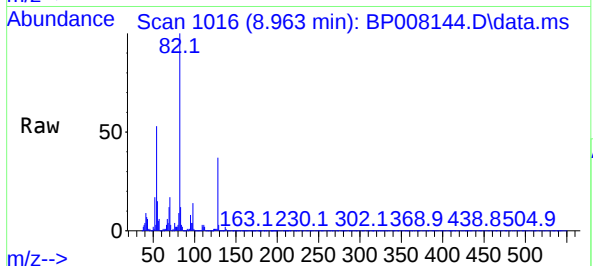
Tgt Ion: 82 Resp: 521647

Ion Ratio Lower Upper

82 100

128 36.7 29.6 44.4

54 52.7 42.7 64.1



#38

1-Methylnaphthalene

Concen: 2.701 ng

RT: 12.498 min Scan# 1617

Delta R.T. -0.000 min

Lab File: BP008144.D

Acq: 29 Nov 2021 16:32

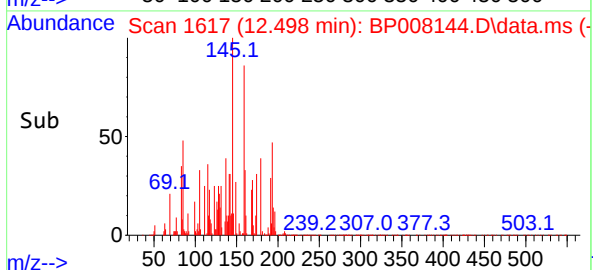
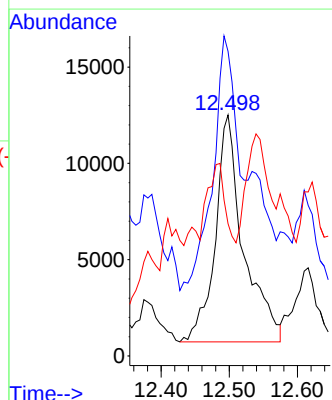
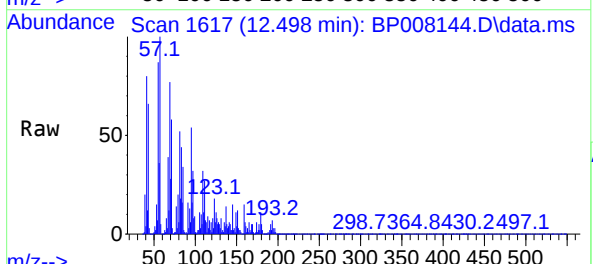
Tgt Ion: 142 Resp: 33705

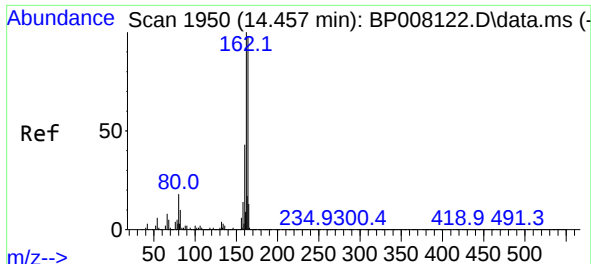
Ion Ratio Lower Upper

142 100

141 126.4 74.2 111.4#

116 54.9 3.4 5.2#

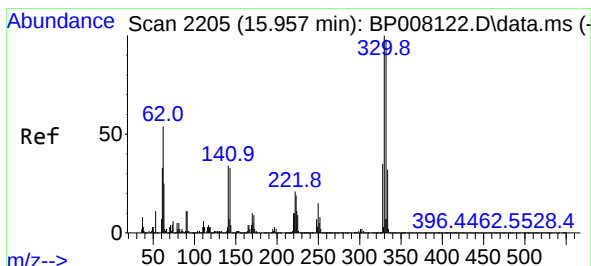
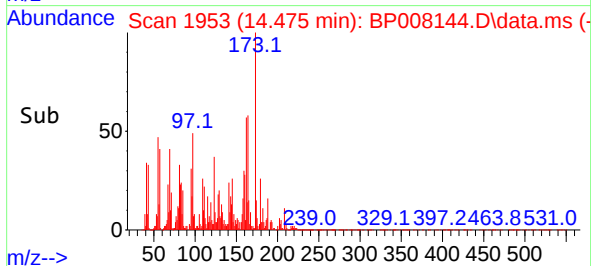
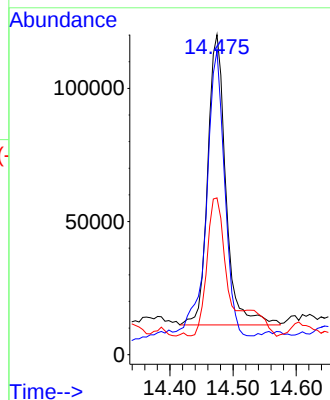
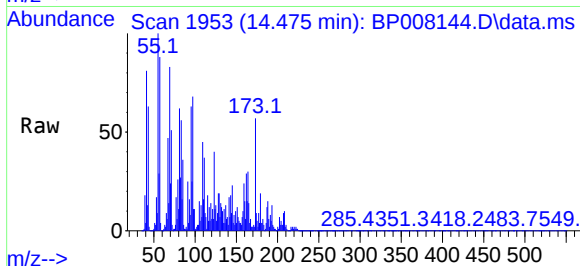




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.475 min Scan# 1950
Delta R.T. 0.017 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

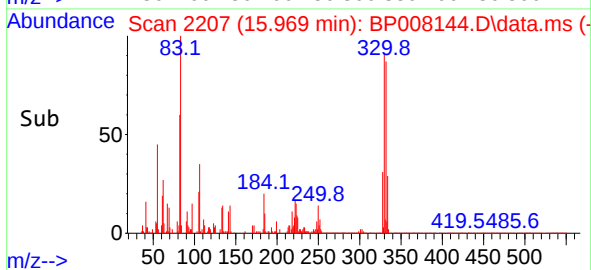
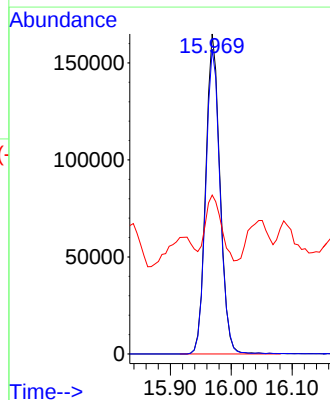
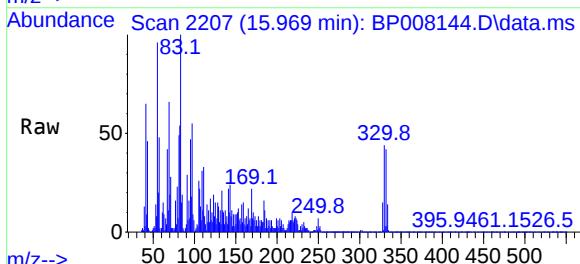
Instrument :
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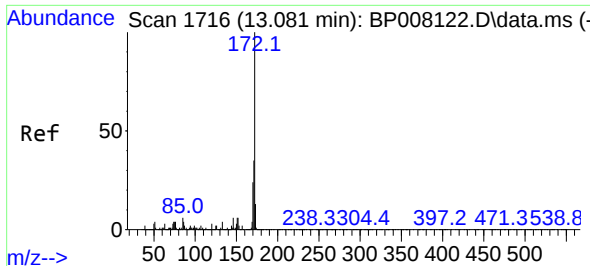
Tgt Ion:164 Resp: 216905
Ion Ratio Lower Upper
164 100
162 95.0 81.9 122.9
160 49.0 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 96.723 ng
RT: 15.969 min Scan# 2207
Delta R.T. 0.012 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

Tgt Ion:330 Resp: 268155
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 22.2 28.4 42.6#

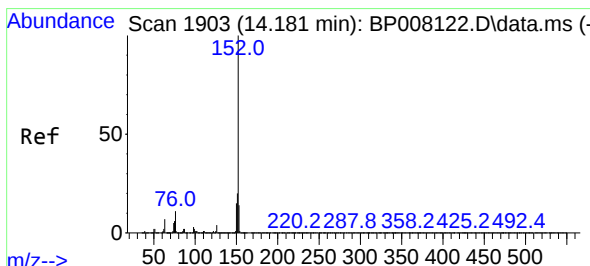
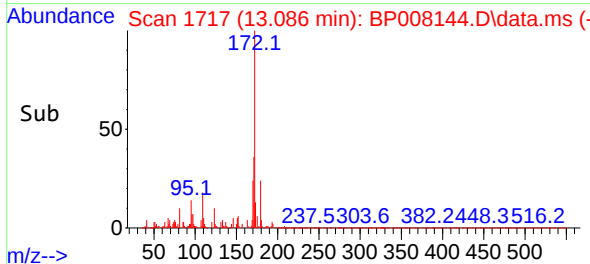
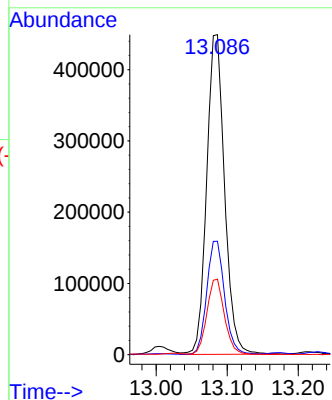
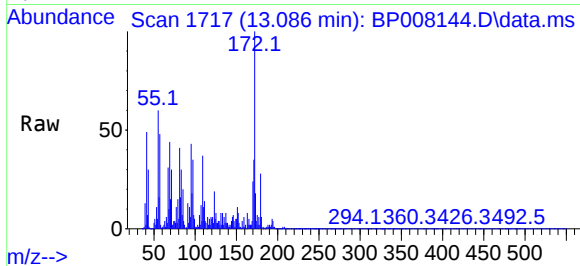




#45
2-Fluorobiphenyl
Concen: 52.734 ng
RT: 13.086 min Scan# 1
Delta R.T. 0.005 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

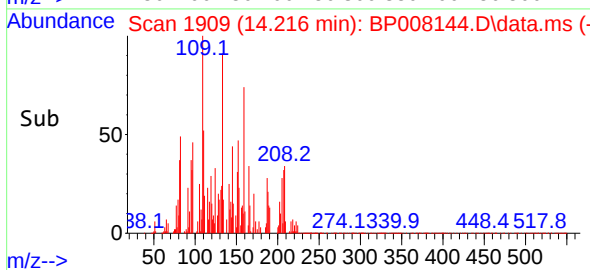
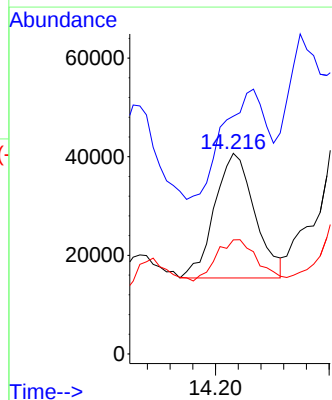
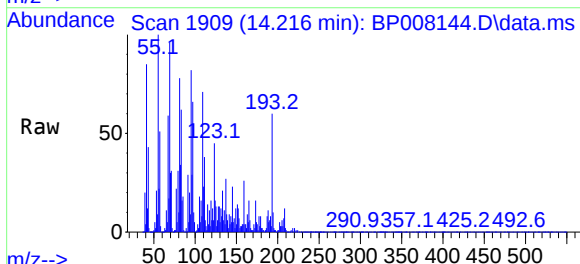
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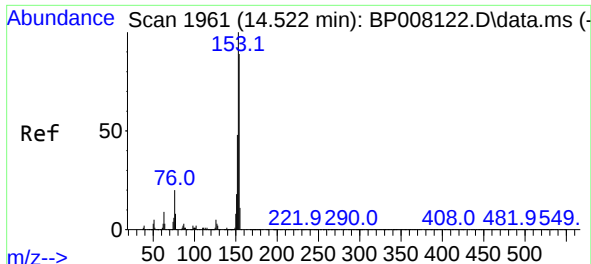
Tgt Ion:172 Resp: 787476
Ion Ratio Lower Upper
172 100
171 35.5 28.0 42.0
170 23.6 18.9 28.3



#49
Acenaphthylene
Concen: 3.247 ng
RT: 14.216 min Scan# 1909
Delta R.T. 0.035 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

Tgt Ion:152 Resp: 62249
Ion Ratio Lower Upper
152 100
151 118.5 16.2 24.4#
153 56.9 10.9 16.3#

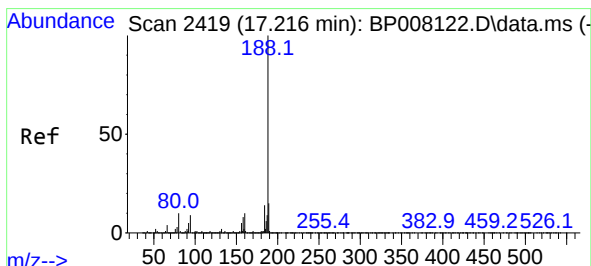
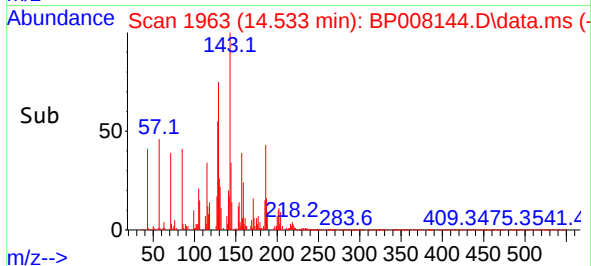
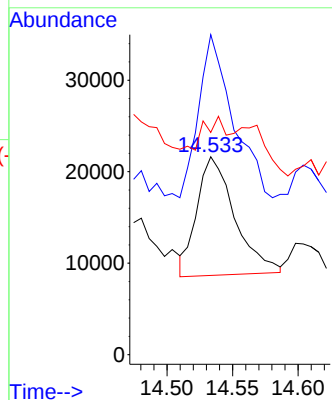
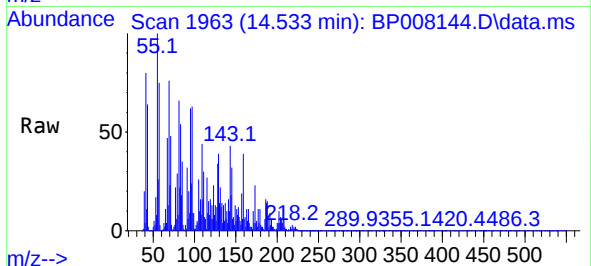




#52
Acenaphthene
Concen: 2.284 ng
RT: 14.533 min Scan# 1963
Delta R.T. 0.011 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

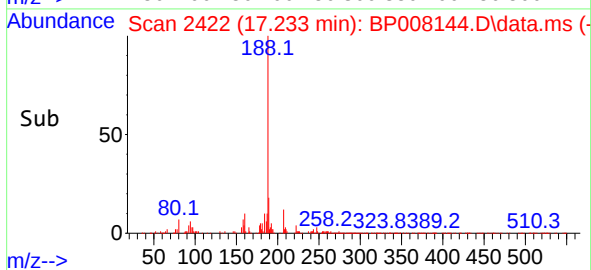
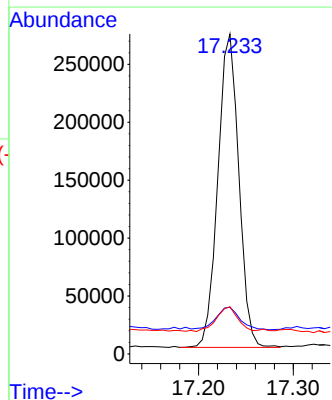
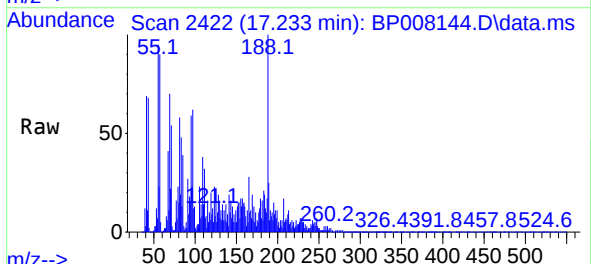
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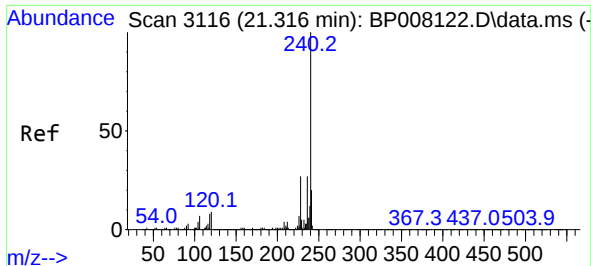
Tgt Ion:154 Resp: 26094
Ion Ratio Lower Upper
154 100
153 161.7 90.3 135.5#
152 112.3 43.3 64.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.233 min Scan# 2422
Delta R.T. 0.017 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

Tgt Ion:188 Resp: 416124
Ion Ratio Lower Upper
188 100
94 14.6 7.2 10.8#
80 14.8 8.2 12.4#

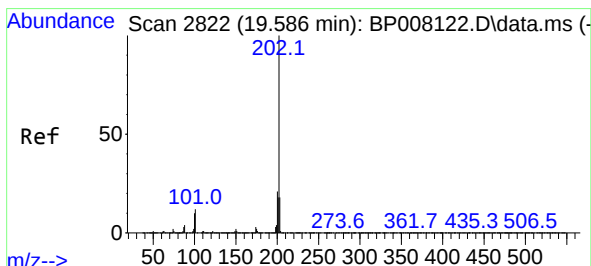
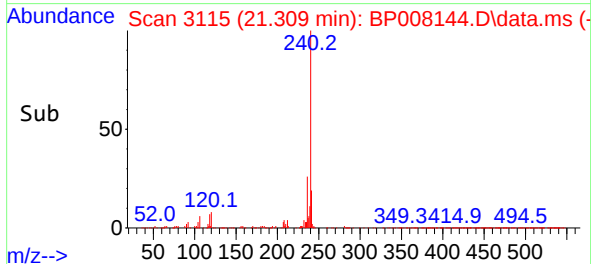
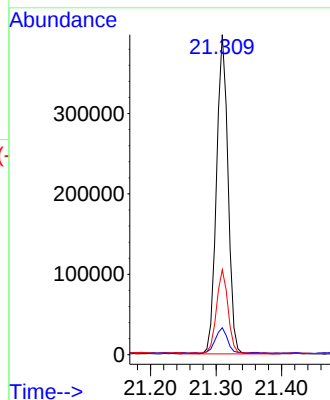
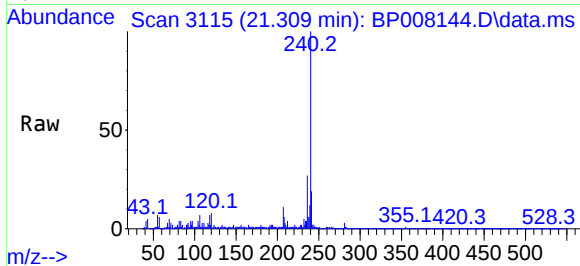




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.309 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

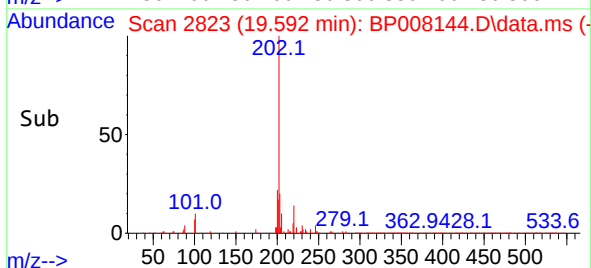
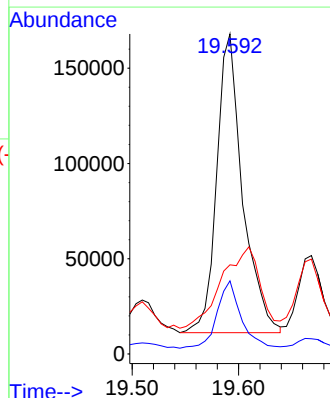
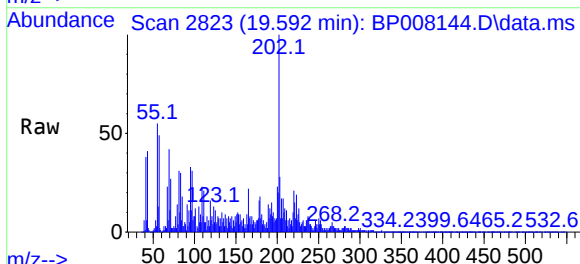
Instrument :
BNA_P
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SB-4-3.0

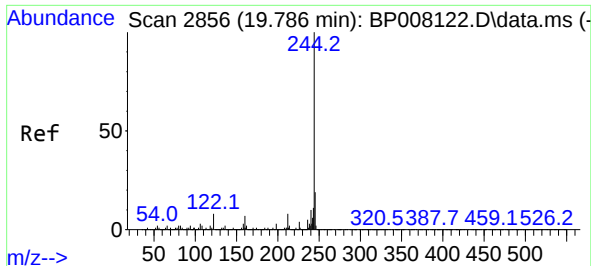
Tgt Ion:240 Resp: 482215
Ion Ratio Lower Upper
240 100
120 8.4 7.3 10.9
236 26.5 21.4 32.2



#78
Pyrene
Concen: 6.487 ng
RT: 19.592 min Scan# 2823
Delta R.T. 0.006 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

Tgt Ion:202 Resp: 264280
Ion Ratio Lower Upper
202 100
200 22.8 17.1 25.7
203 27.8 14.2 21.2#



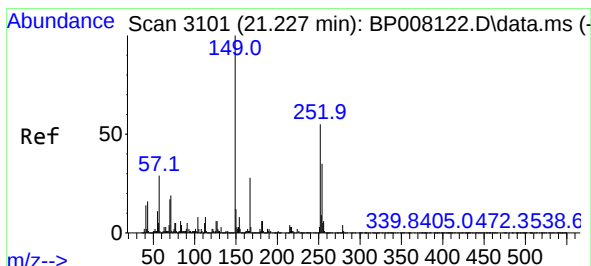
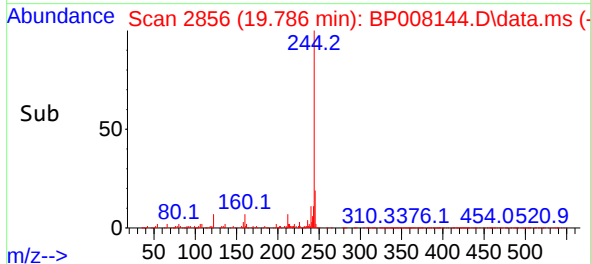
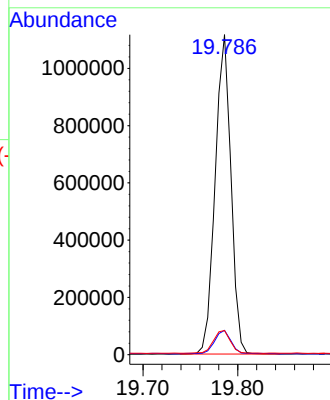
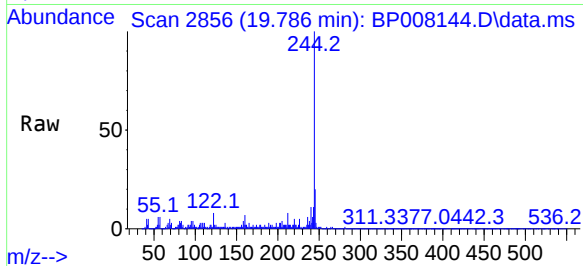


#79
 Terphenyl-d14
 Concen: 55.767 ng
 RT: 19.786 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP008144.D
 Acq: 29 Nov 2021 16:32

Instrument :
 BNA_P
 ClientSampleId :
 SB-4-3.0

Tgt Ion:244 Resp: 1286722

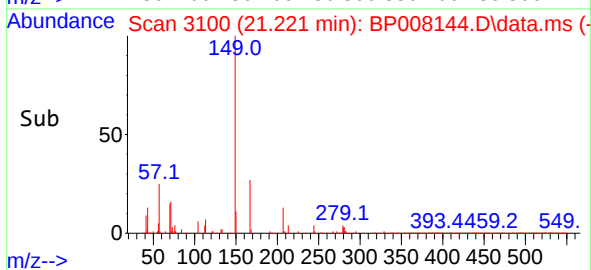
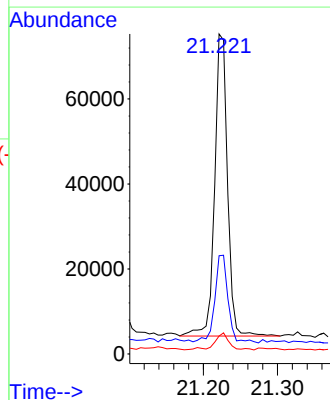
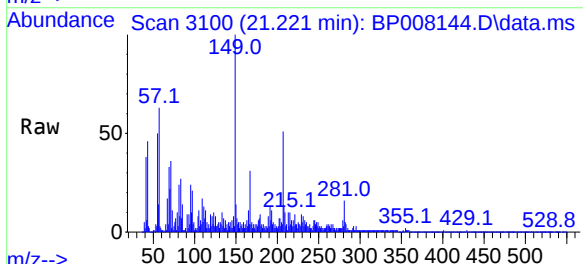
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	7.5	6.6	9.8

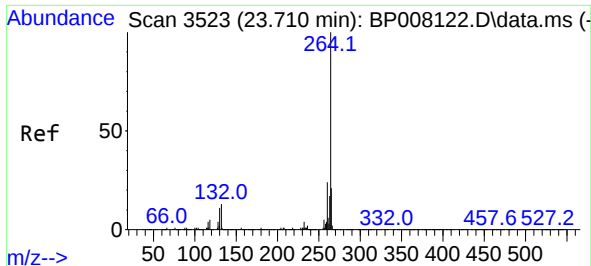


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.107 ng
 RT: 21.221 min Scan# 3100
 Delta R.T. -0.006 min
 Lab File: BP008144.D
 Acq: 29 Nov 2021 16:32

Tgt Ion:149 Resp: 85627

Ion	Ratio	Lower	Upper
149	100		
167	30.7	22.5	33.7
279	5.6	3.5	5.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.703 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP008144.D
 Acq: 29 Nov 2021 16:32

Instrument :
 BNA_P
 ClientSampleId :
 SB-4-3.0

Tgt Ion:264 Resp: 534193
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 22.6 17.6 26.4

