

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022724\
 Data File : BP019894.D
 Acq On : 27 Feb 2024 13:45
 Operator : MA/JU
 Sample : P1585-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-232

Quant Time: Feb 27 14:17:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 02:05:05 2024
 Response via : Initial Calibration

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

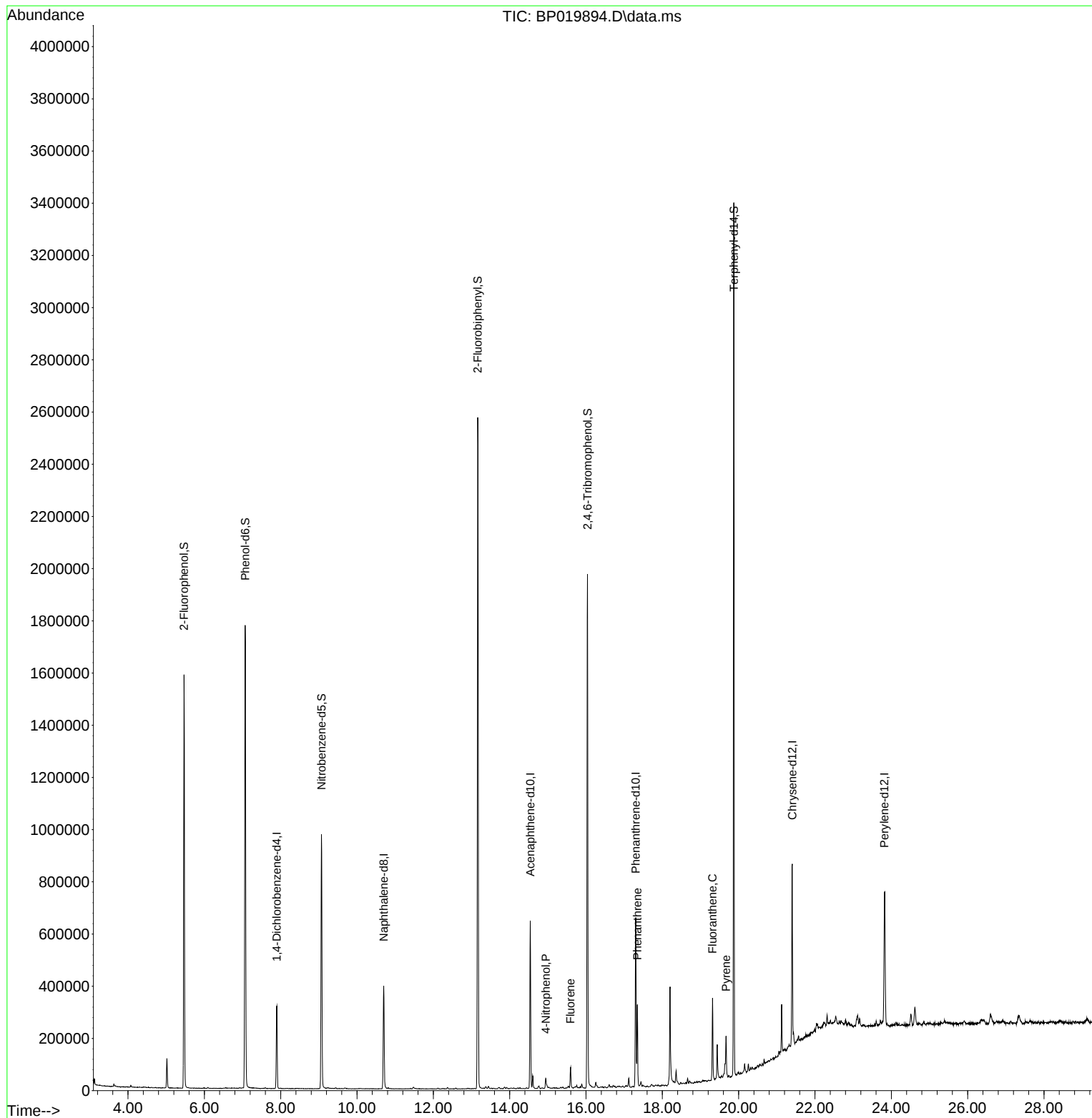
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	88571	20.000	ng	0.00
21) Naphthalene-d8	10.699	136	332068	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	219848	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	414483	20.000	ng	0.00
76) Chrysene-d12	21.404	240	350444	20.000	ng	0.00
86) Perylene-d12	23.821	264	448168	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	634581	117.599	ng	0.00
7) Phenol-d6	7.069	99	998919	124.335	ng	0.00
23) Nitrobenzene-d5	9.069	82	605646	73.632	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	413693	109.744	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1384589	85.092	ng	0.00
79) Terphenyl-d14	19.875	244	1658880	74.609	ng	0.00
Target Compounds						
					Qvalue	
56) 4-Nitrophenol	14.945	139	10132	3.388	ng	# 1
58) Fluorene	15.592	166	37535	2.282	ng	94
71) Phenanthrene	17.345	178	195073	8.817	ng	99
75) Fluoranthene	19.316	202	178526	6.218	ng	99
78) Pyrene	19.669	202	103206	4.286	ng	99

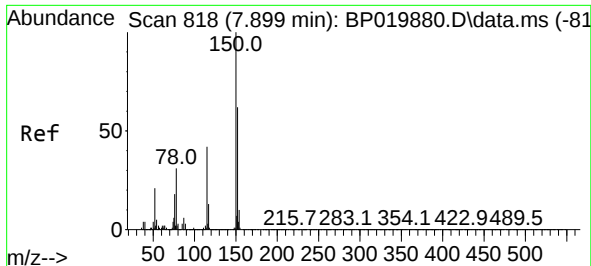
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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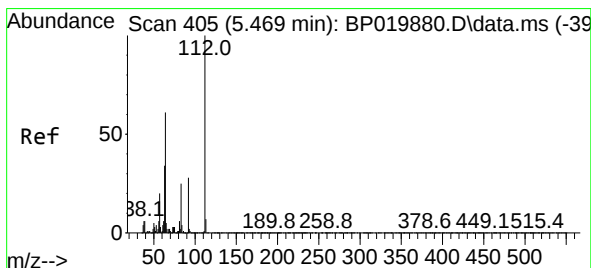
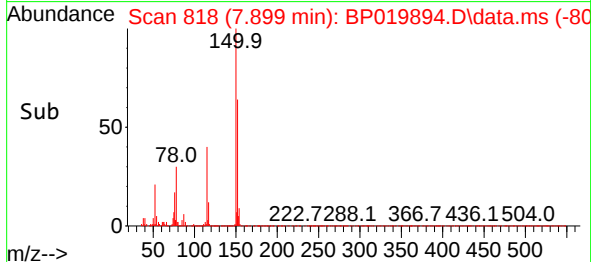
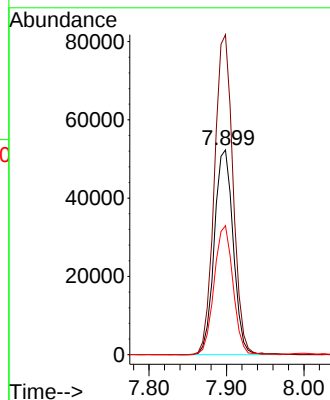
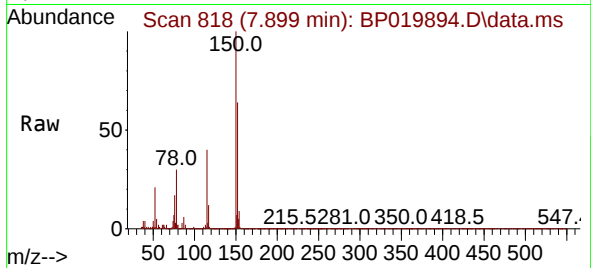




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 818
Delta R.T. -0.000 min
Lab File: BP019894.D
Acq: 27 Feb 2024 13:45

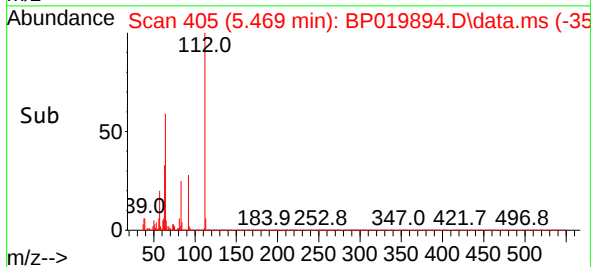
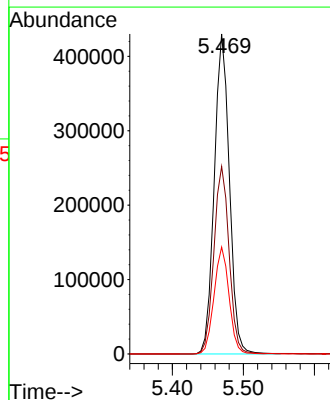
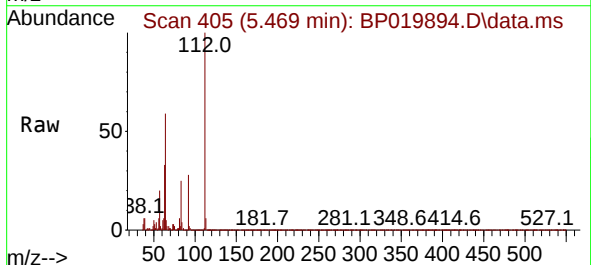
Instrument :
BNA_P
ClientSampleId :
VNJ-232

Tgt Ion:152 Resp: 88571
Ion Ratio Lower Upper
152 100
150 156.2 128.6 192.8
115 62.9 53.4 80.2



#5
2-Fluorophenol
Concen: 117.599 ng
RT: 5.469 min Scan# 405
Delta R.T. -0.000 min
Lab File: BP019894.D
Acq: 27 Feb 2024 13:45

Tgt Ion:112 Resp: 634581
Ion Ratio Lower Upper
112 100
64 58.6 49.0 73.6
63 33.4 27.6 41.4

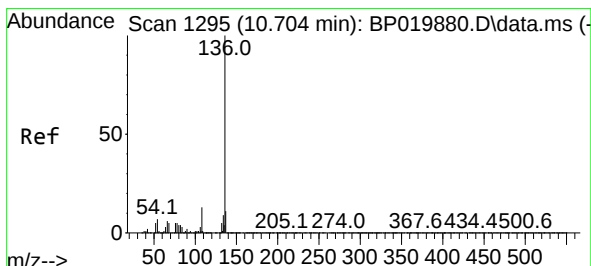
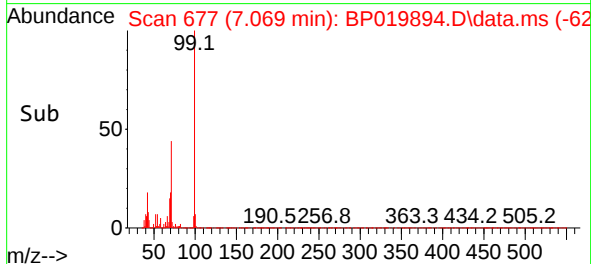
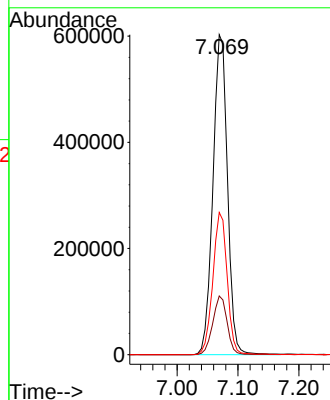
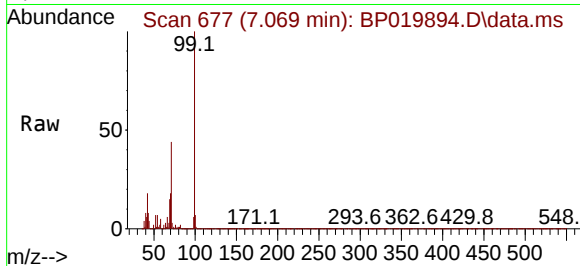




#7
Phenol-d6
Concen: 124.335 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019894.D
Acq: 27 Feb 2024 13:45

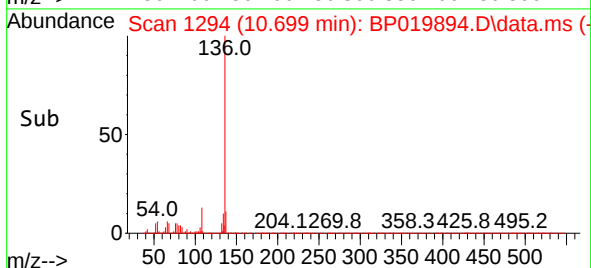
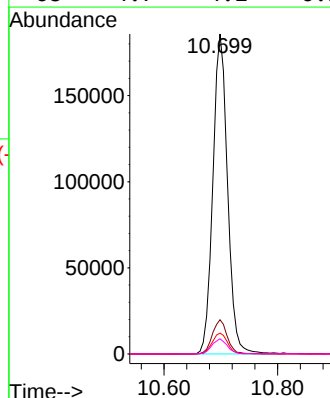
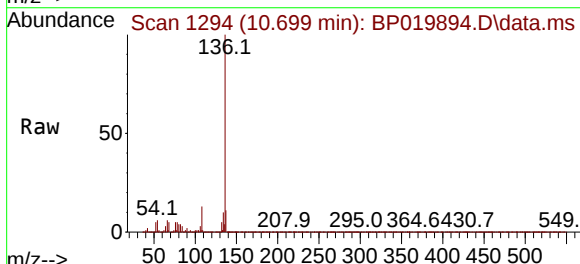
Instrument :
BNA_P
ClientSampleId :
VNJ-232

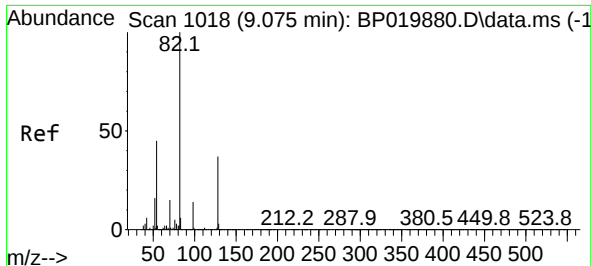
Tgt Ion: 99 Resp: 998919
Ion Ratio Lower Upper
99 100
42 18.3 13.8 20.8
71 44.5 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP019894.D
Acq: 27 Feb 2024 13:45

Tgt Ion:136 Resp: 332068
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 6.5 6.0 9.0
68 4.7 4.2 6.2

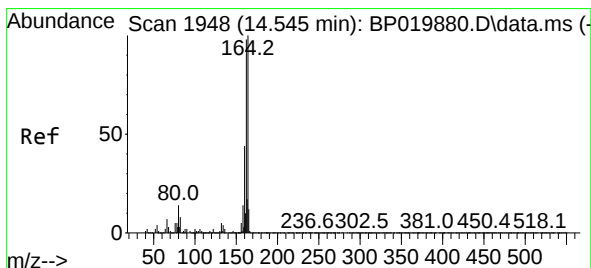
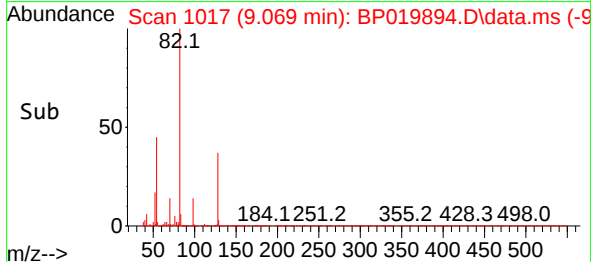
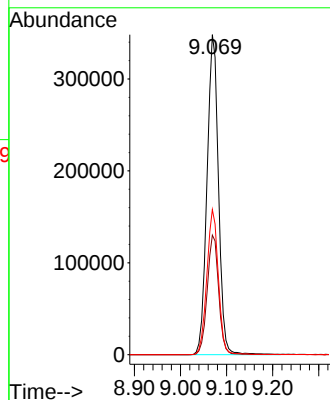
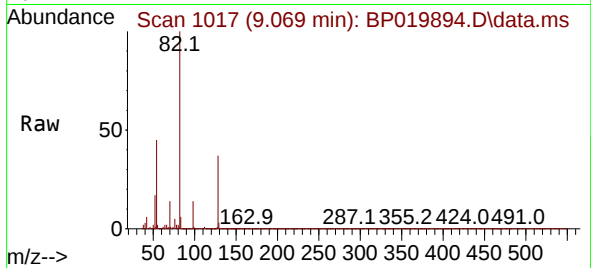




#23
Nitrobenzene-d5
Concen: 73.632 ng
RT: 9.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BP019894.D
Acq: 27 Feb 2024 13:45

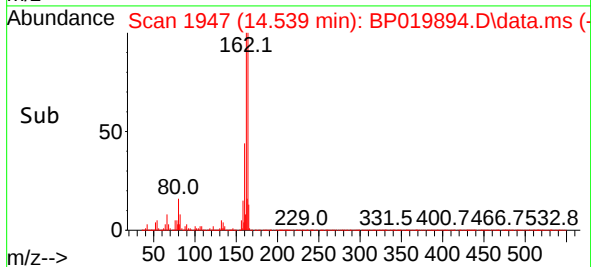
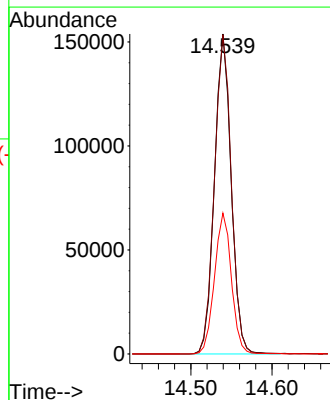
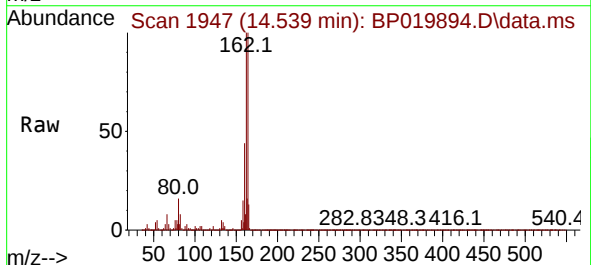
Instrument :
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ClientSampleId :
VNJ-232

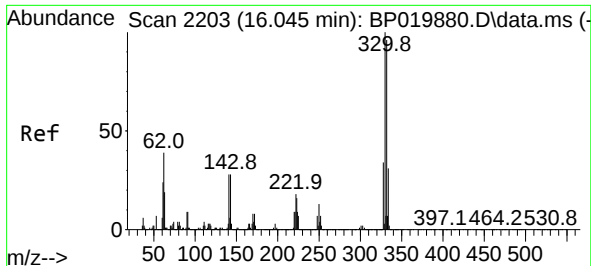
Tgt Ion: 82 Resp: 605646
Ion Ratio Lower Upper
82 100
128 37.3 29.6 44.4
54 45.4 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP019894.D
Acq: 27 Feb 2024 13:45

Tgt Ion: 164 Resp: 219848
Ion Ratio Lower Upper
164 100
162 99.8 78.1 117.1
160 44.0 35.3 52.9

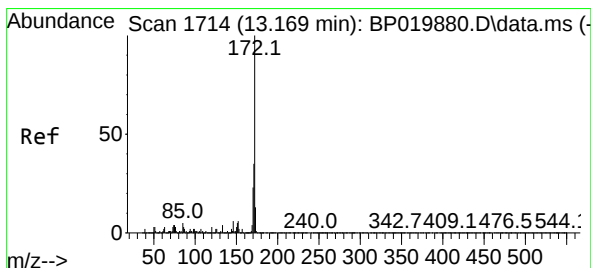
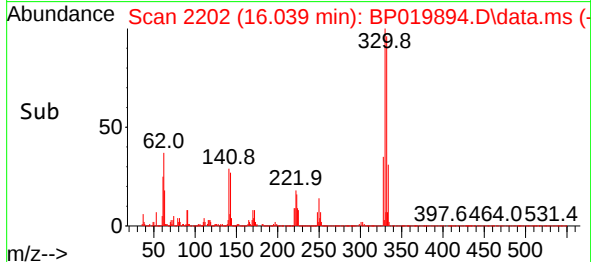
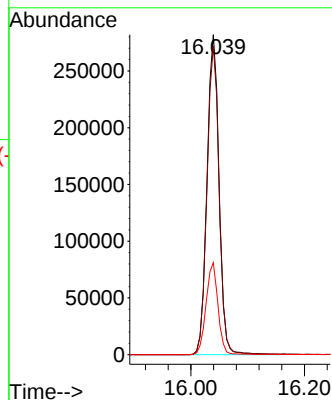
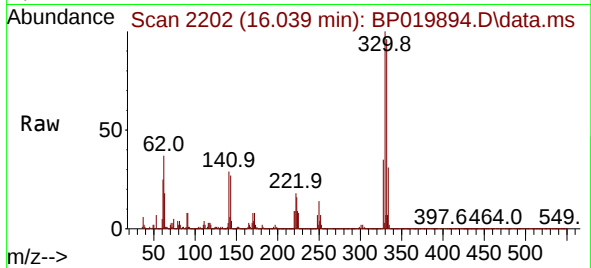




#42
2,4,6-Tribromophenol
Concen: 109.744 ng
RT: 16.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019894.D
Acq: 27 Feb 2024 13:45

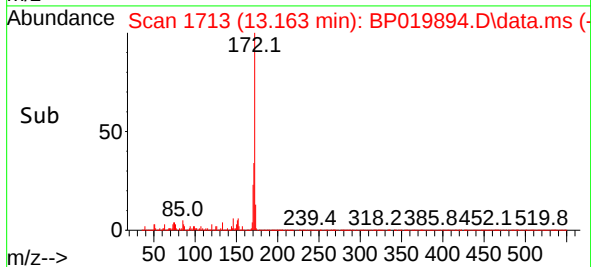
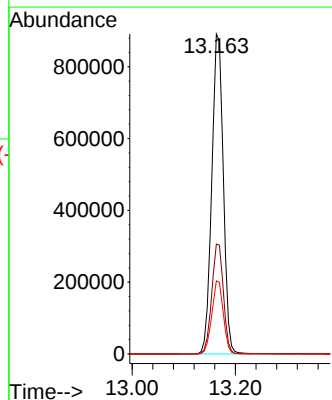
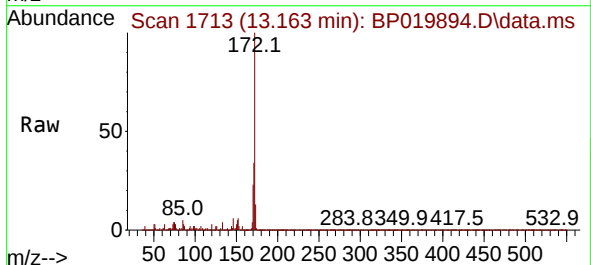
Instrument :
BNA_P
ClientSampleId :
VNJ-232

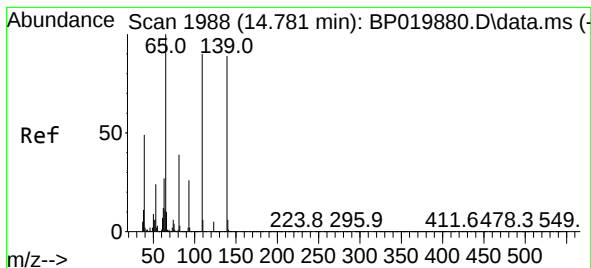
Tgt Ion:330 Resp: 413693
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.2
141 28.5 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 85.092 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP019894.D
Acq: 27 Feb 2024 13:45

Tgt Ion:172 Resp: 1384589
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.6
170 22.9 18.4 27.6

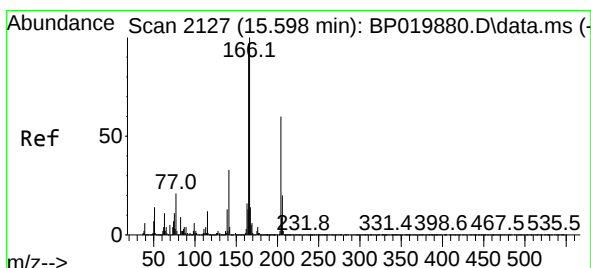
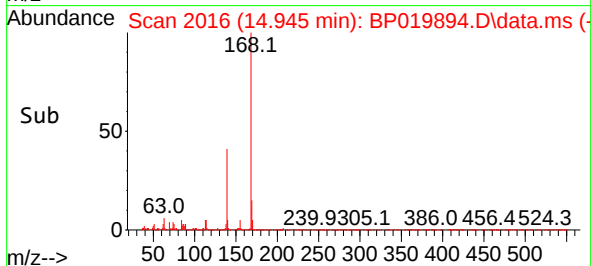
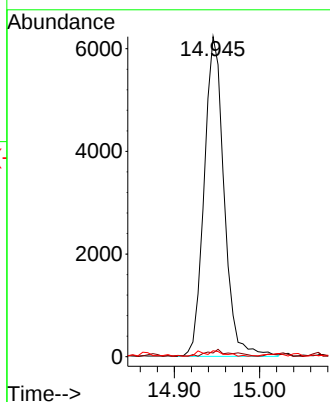
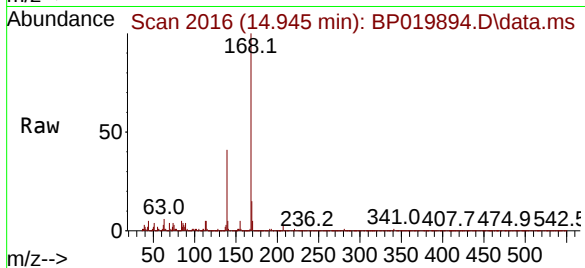




#56
4-Nitrophenol
Concen: 3.388 ng
RT: 14.945 min Scan# 2016
Delta R.T. 0.165 min
Lab File: BP019894.D
Acq: 27 Feb 2024 13:45

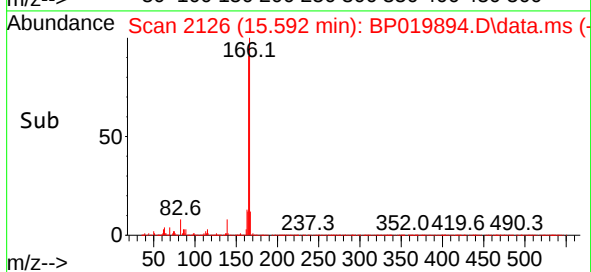
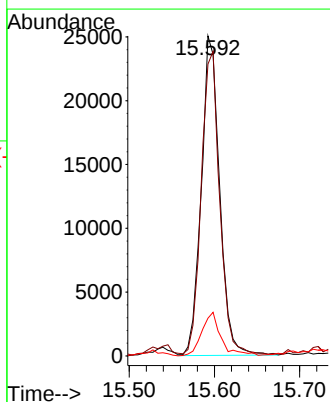
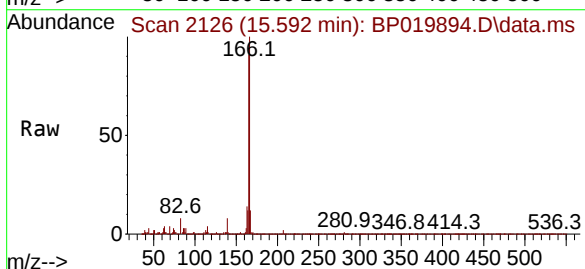
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ClientSampleId :
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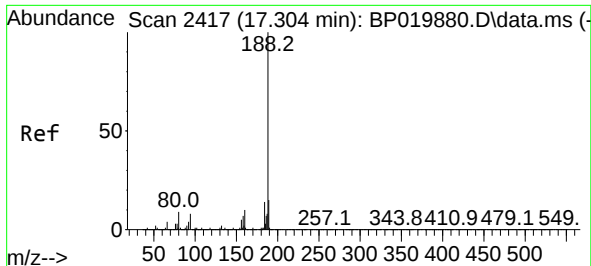
Tgt Ion:139 Resp: 10132
Ion Ratio Lower Upper
139 100
109 1.2 81.3 121.3#
65 1.9 93.5 133.5#



#58
Fluorene
Concen: 2.282 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP019894.D
Acq: 27 Feb 2024 13:45

Tgt Ion:166 Resp: 37535
Ion Ratio Lower Upper
166 100
165 91.2 77.8 116.6
167 11.8 10.8 16.2

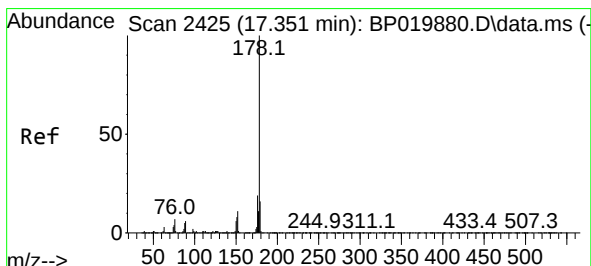
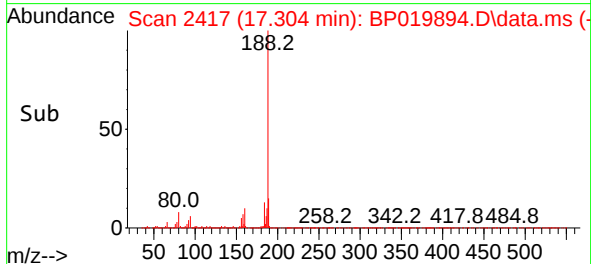
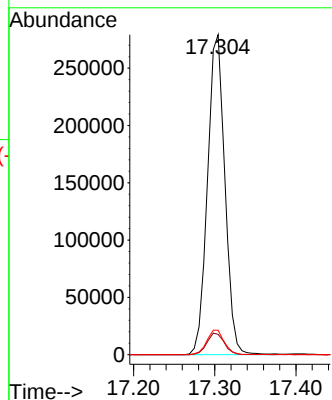
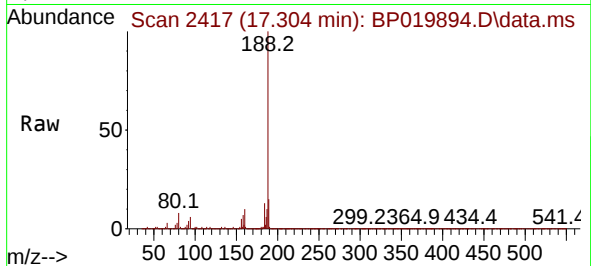




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BP019894.D
Acq: 27 Feb 2024 13:45

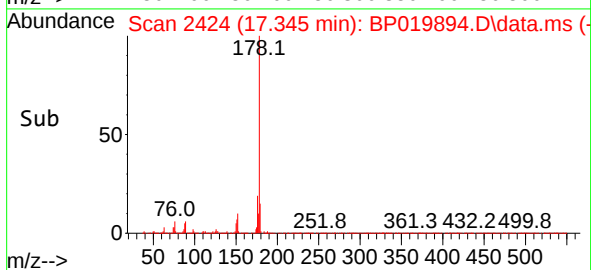
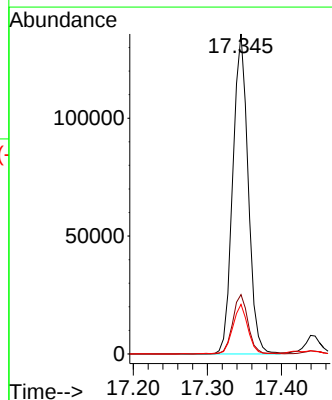
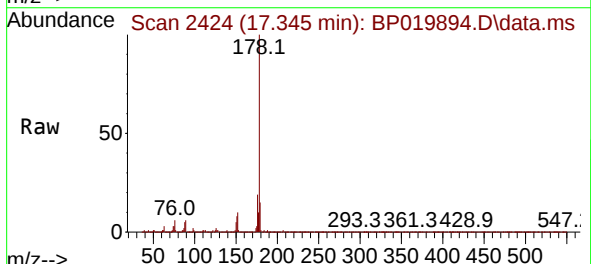
Instrument :
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VNJ-232

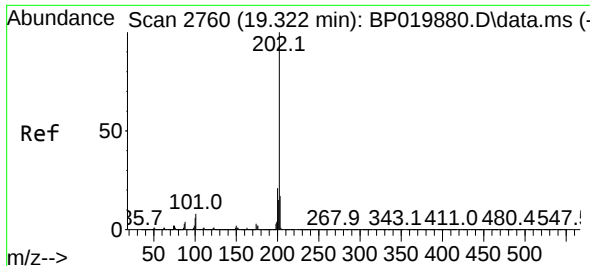
Tgt Ion:188 Resp: 414483
Ion Ratio Lower Upper
188 100
94 6.3 6.2 9.4
80 7.6 7.0 10.4



#71
Phenanthrene
Concen: 8.817 ng
RT: 17.345 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP019894.D
Acq: 27 Feb 2024 13:45

Tgt Ion:178 Resp: 195073
Ion Ratio Lower Upper
178 100
176 18.5 15.2 22.8
179 15.5 12.5 18.7

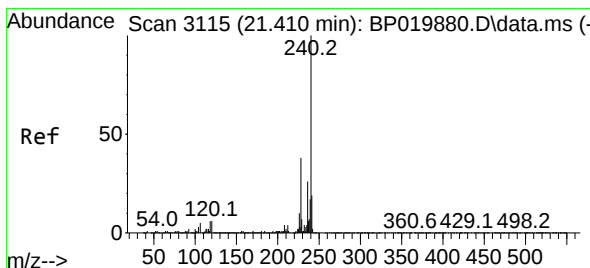
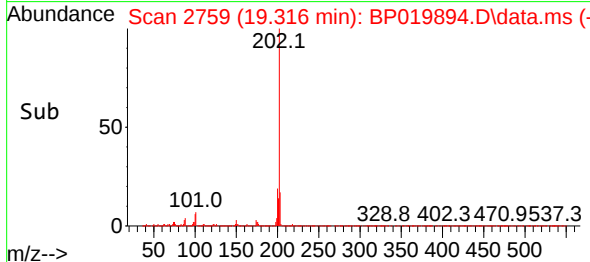
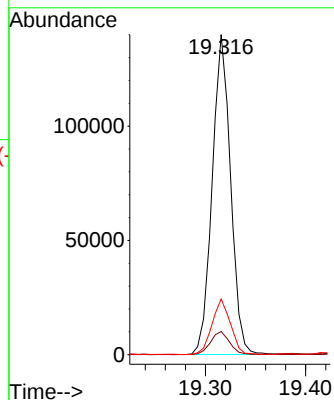
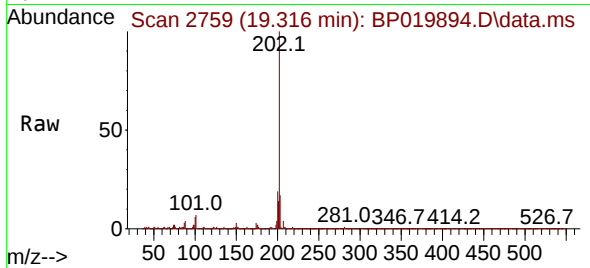




#75
Fluoranthene
Concen: 6.218 ng
RT: 19.316 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019894.D
Acq: 27 Feb 2024 13:45

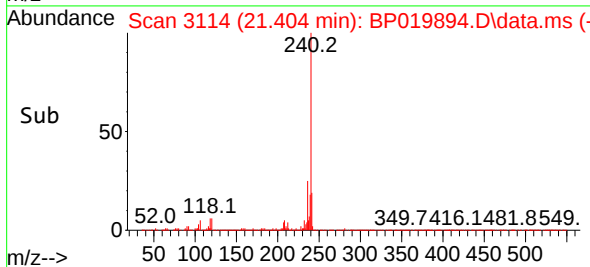
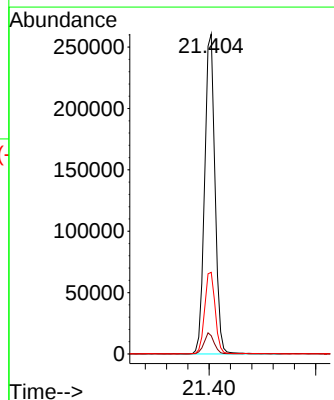
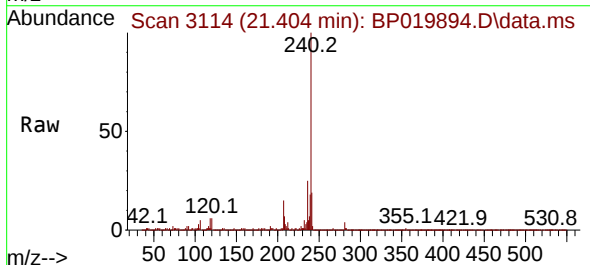
Instrument :
BNA_P
ClientSampleId :
VNJ-232

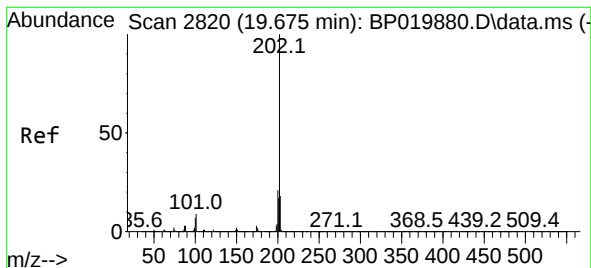
Tgt Ion:202 Resp: 178526
Ion Ratio Lower Upper
202 100
101 7.2 0.0 27.7
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.404 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BP019894.D
Acq: 27 Feb 2024 13:45

Tgt Ion:240 Resp: 350444
Ion Ratio Lower Upper
240 100
120 5.7 5.1 7.7
236 25.5 20.5 30.7





#78

Pyrene

Concen: 4.286 ng

RT: 19.669 min Scan# 2819

Delta R.T. -0.006 min

Lab File: BP019894.D

Acq: 27 Feb 2024 13:45

Instrument :

BNA_P

ClientSampleId :

VNJ-232

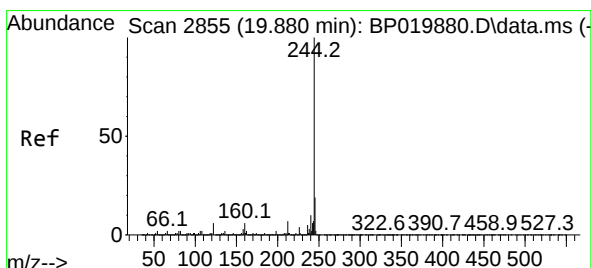
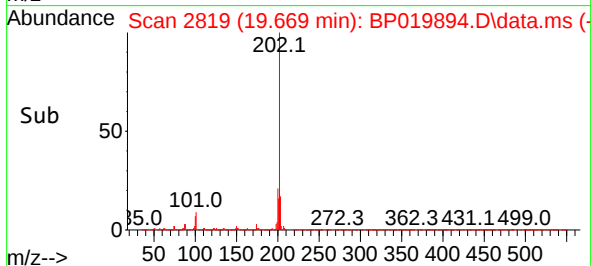
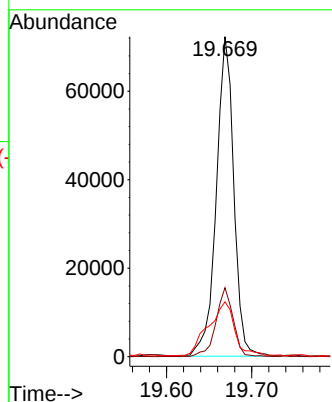
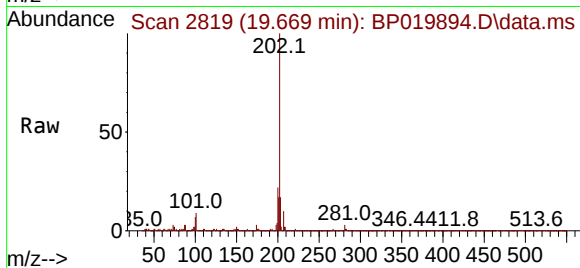
Tgt Ion:202 Resp: 103206

Ion Ratio Lower Upper

202 100

200 21.6 16.7 25.1

203 17.1 14.2 21.2



#79

Terphenyl-d14

Concen: 74.609 ng

RT: 19.875 min Scan# 2854

Delta R.T. -0.006 min

Lab File: BP019894.D

Acq: 27 Feb 2024 13:45

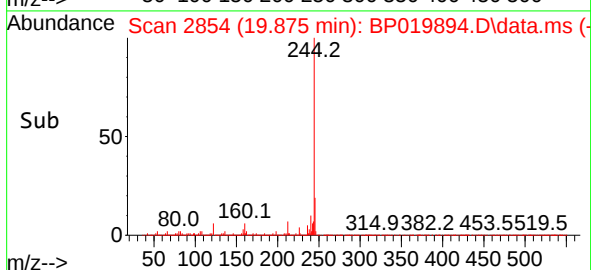
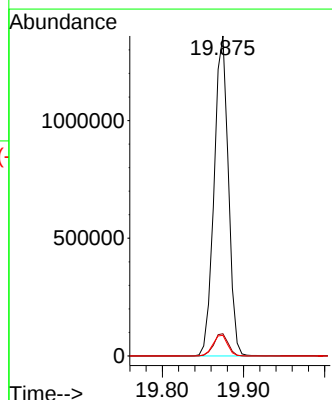
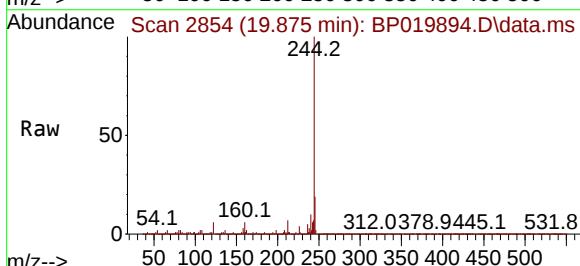
Tgt Ion:244 Resp: 1658880

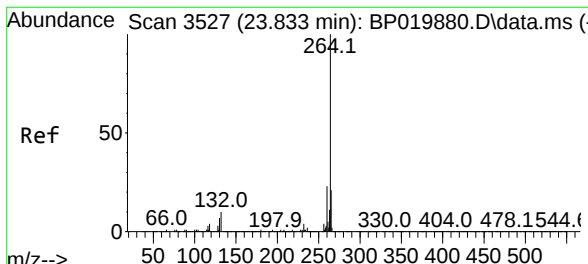
Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 6.5 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.821 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BP019894.D
 Acq: 27 Feb 2024 13:45

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-232

Tgt Ion:264 Resp: 448168

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	22.8	17.4	26.2

