

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)

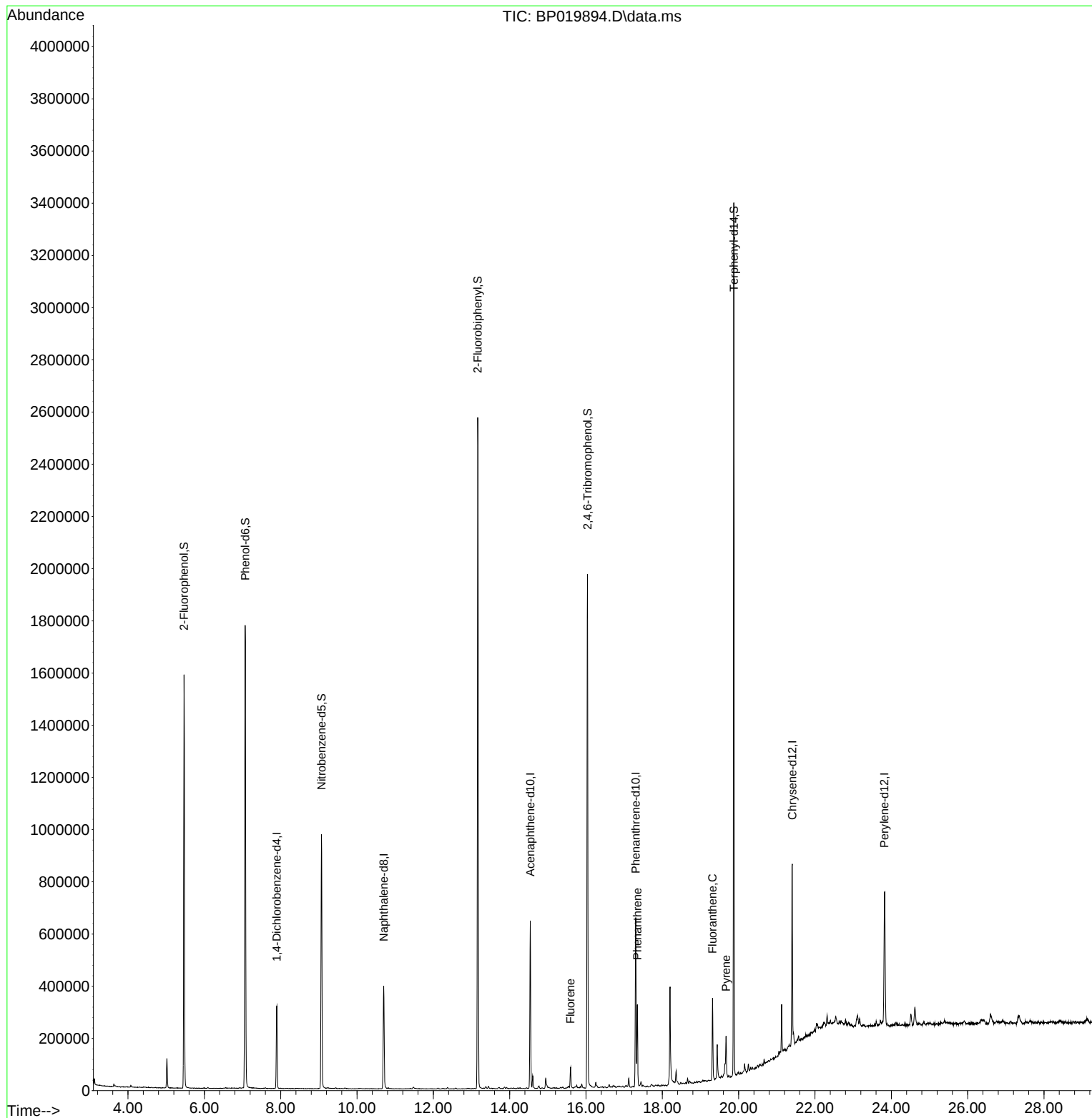
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	88571	20.000	ng	0.00
21) Naphthalene-d8	10.699	136	332068	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	219848	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	414483	20.000	ng	0.00
76) Chrysene-d12	21.404	240	350444	20.000	ng	0.00
86) Perylene-d12	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
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

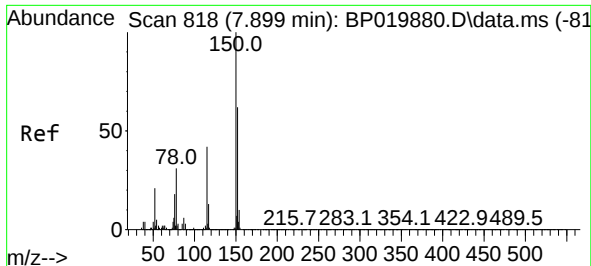
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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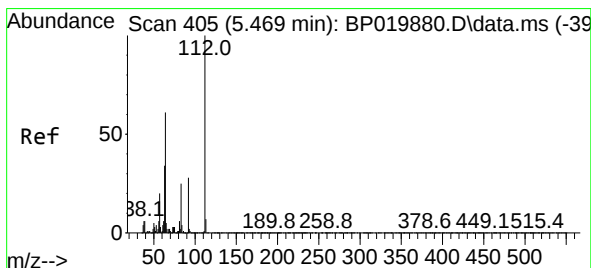
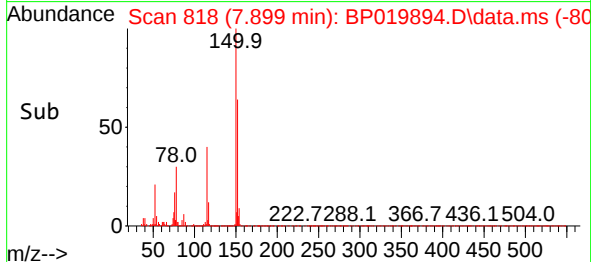
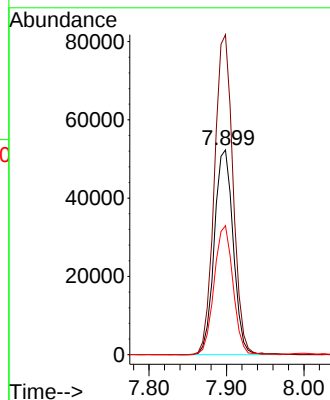
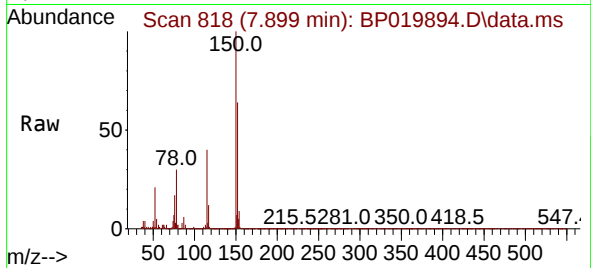




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 818
Delta R.T. -0.000 min
Lab File: BP019894.D
Acq: 27 Feb 2024 13:45

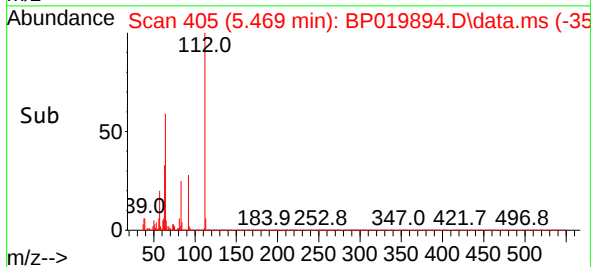
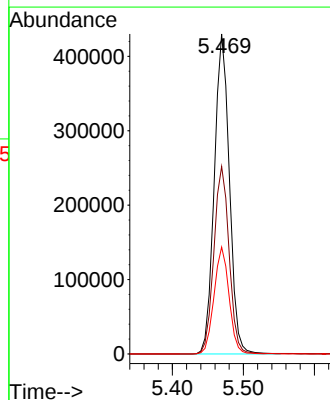
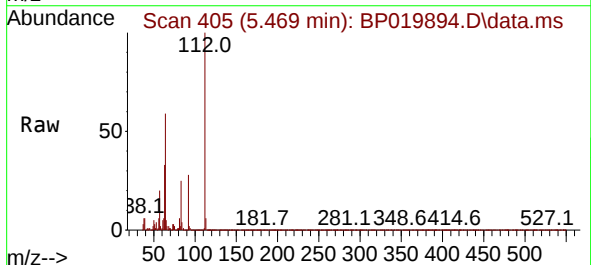
Instrument :
BNA_P
ClientSampleId :
VNJ-232

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

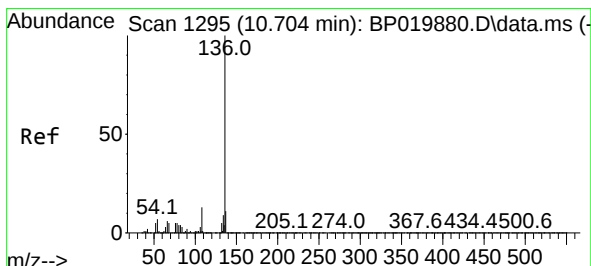
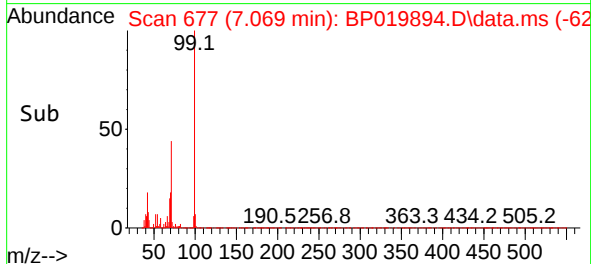
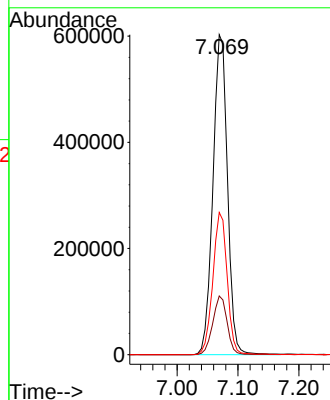
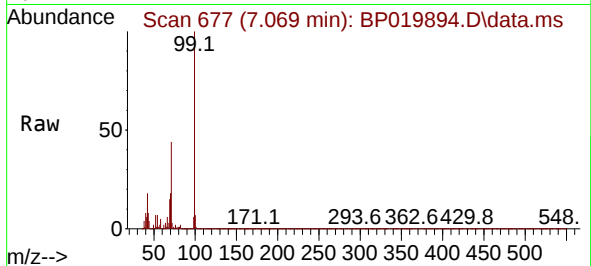




#7
Phenol-d6
Concen: 124.335 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019894.D
Acq: 27 Feb 2024 13:45

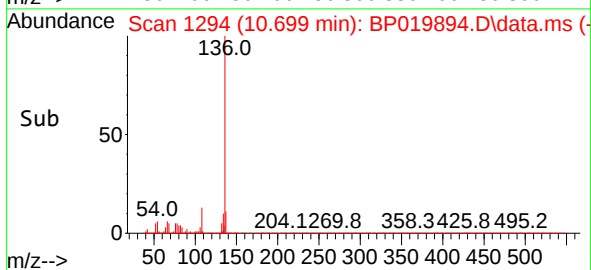
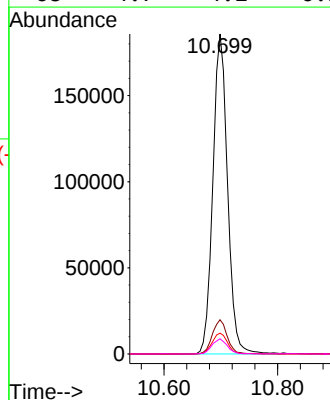
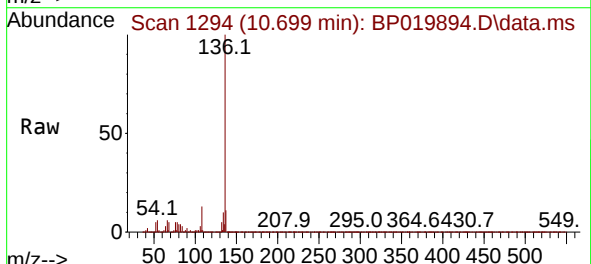
Instrument :
BNA_P
ClientSampleId :
VNJ-232

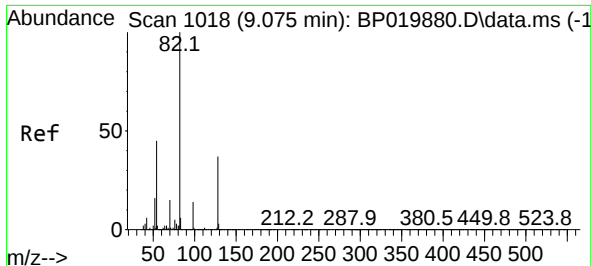
Tgt Ion: 99 Resp: 998919
Ion Ratio Lower Upper
99 100
42 18.3 13.8 20.8
71 44.5 34.5 51.7



#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

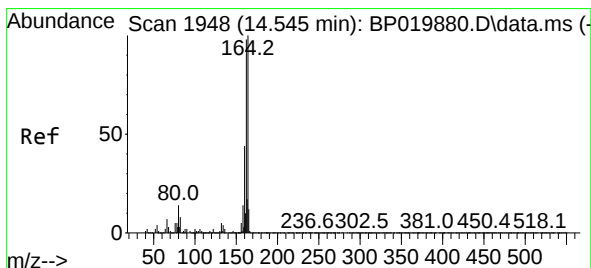
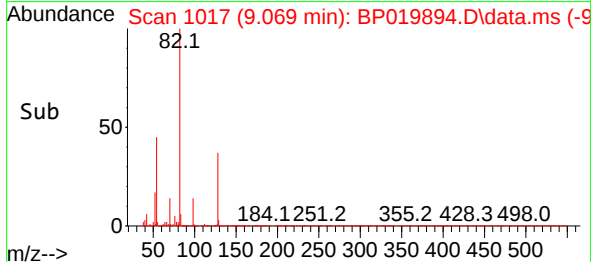
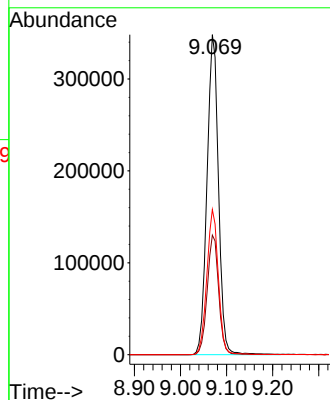
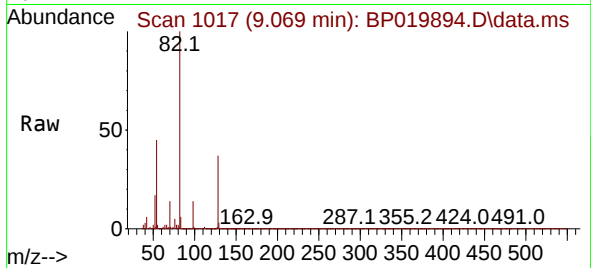




#23
Nitrobenzene-d5
Concen: 73.632 ng
RT: 9.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BP019894.D
Acq: 27 Feb 2024 13:45

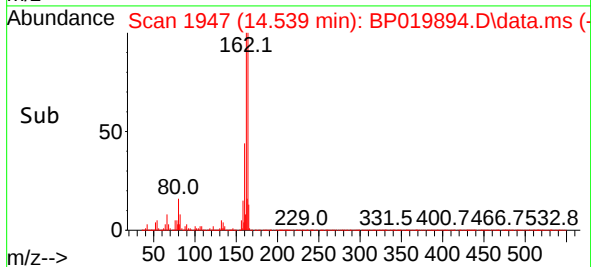
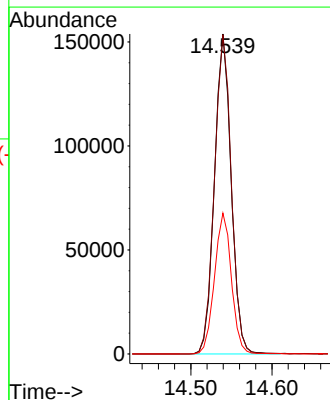
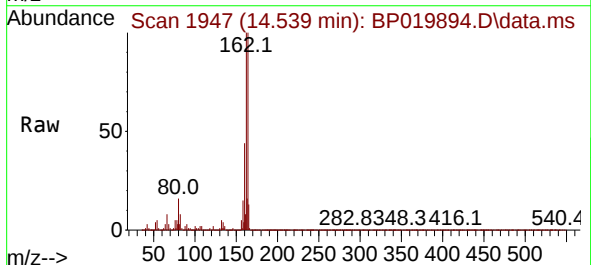
Instrument :
BNA_P
ClientSampleId :
VNJ-232

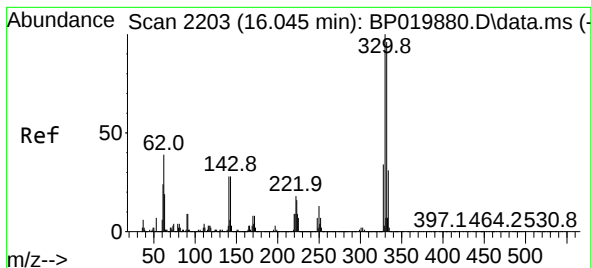
Tgt Ion: 82 Resp: 605646
Ion Ratio Lower Upper
82 100
128 37.3 29.6 44.4
54 45.4 36.3 54.5



#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

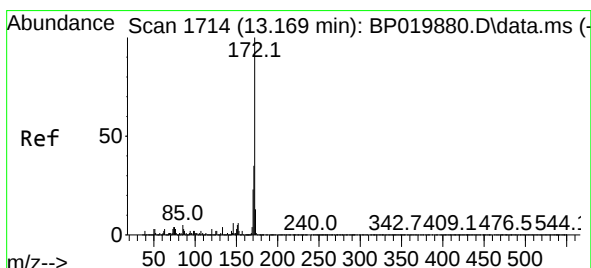
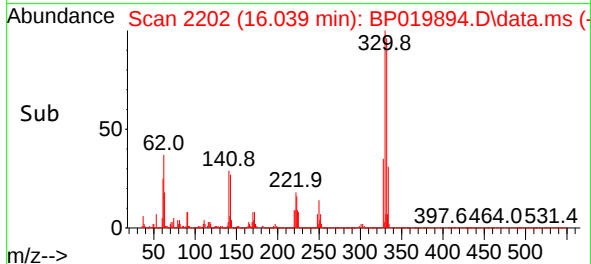
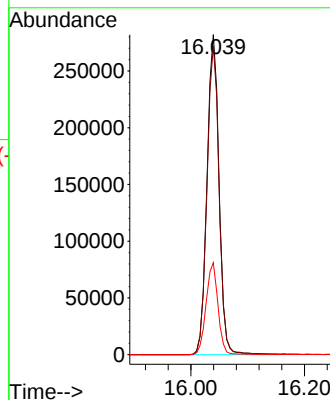
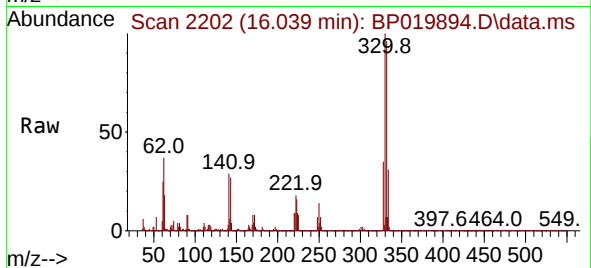
Tgt Ion:330 Resp: 413693

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

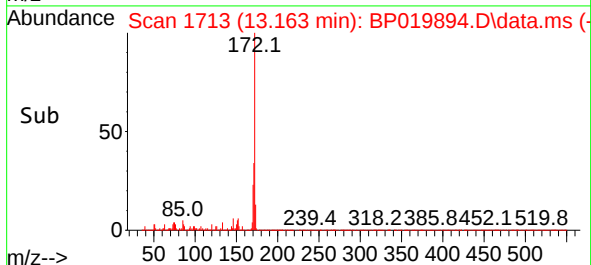
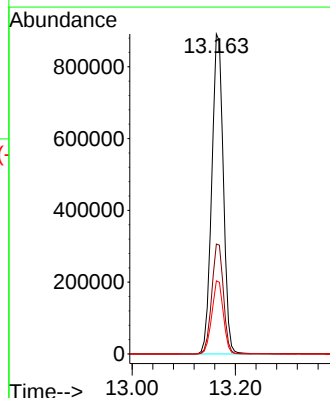
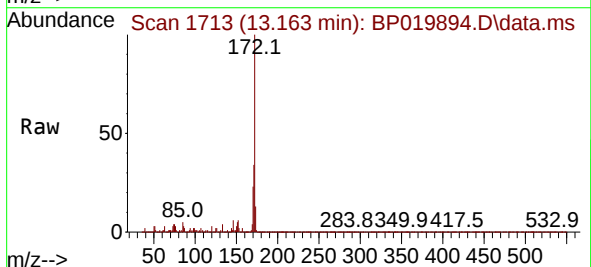
Tgt Ion:172 Resp: 1384589

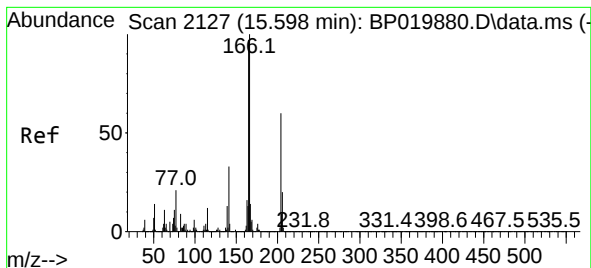
Ion Ratio Lower Upper

172 100

171 34.3 27.8 41.6

170 22.9 18.4 27.6





#58

Fluorene

Concen: 2.282 ng

RT: 15.592 min Scan# 2127

Delta R.T. -0.006 min

Lab File: BP019894.D

Acq: 27 Feb 2024 13:45

Instrument :

BNA_P

ClientSampleId :

VNJ-232

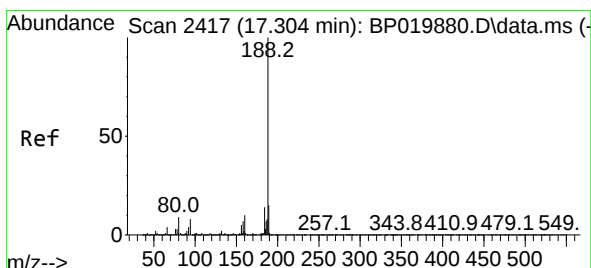
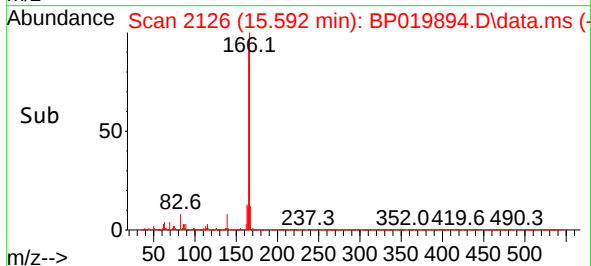
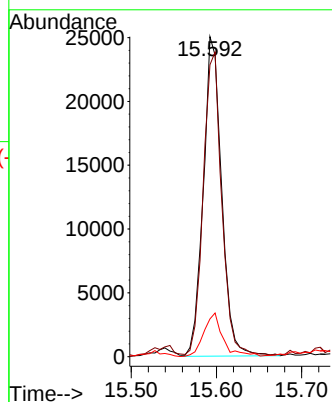
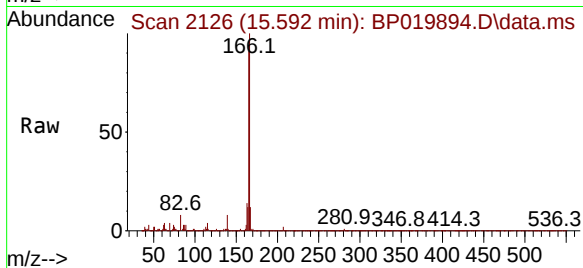
Tgt Ion:166 Resp: 37535

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

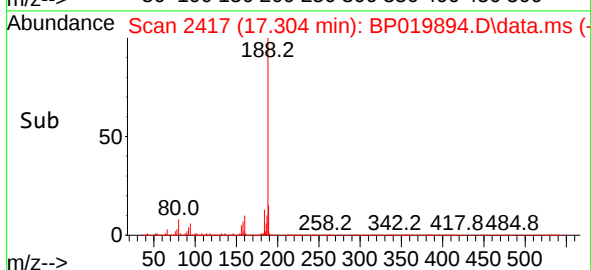
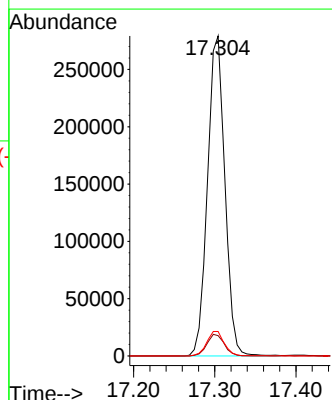
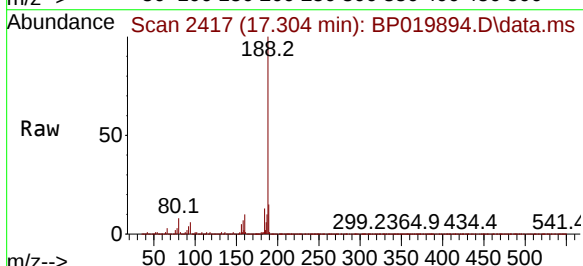
Tgt Ion:188 Resp: 414483

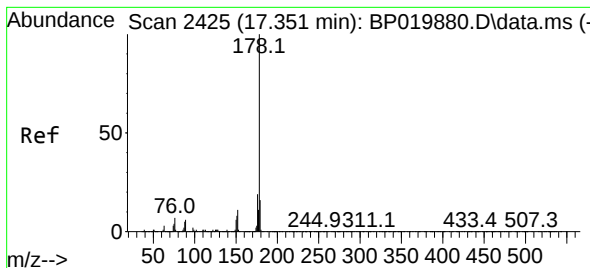
Ion Ratio Lower Upper

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# 2425

Delta R.T. -0.006 min

Lab File: BP019894.D

Acq: 27 Feb 2024 13:45

Instrument :

BNA_P

ClientSampleId :

VNJ-232

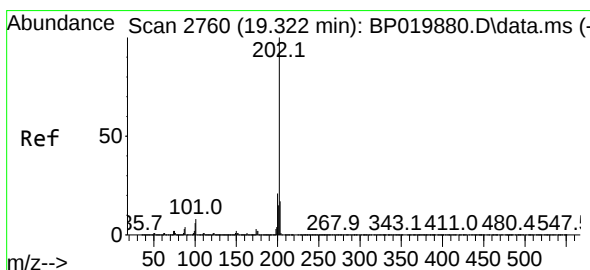
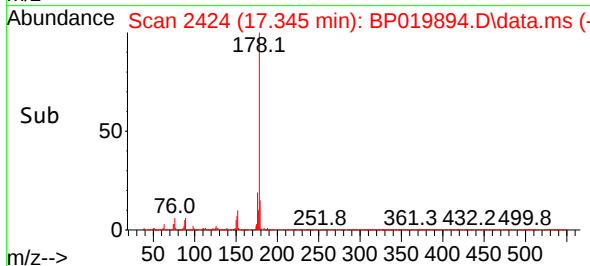
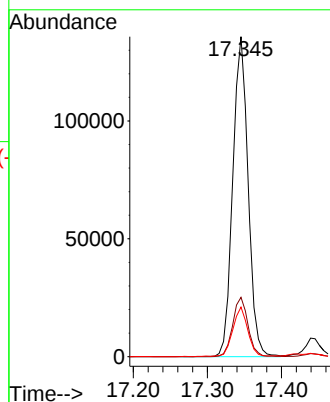
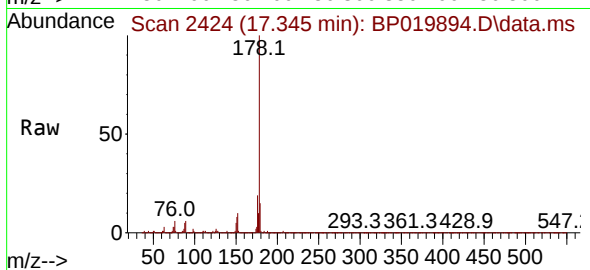
Tgt Ion:178 Resp: 195073

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# 2759

Delta R.T. -0.006 min

Lab File: BP019894.D

Acq: 27 Feb 2024 13:45

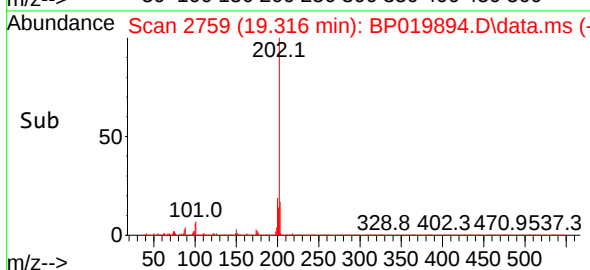
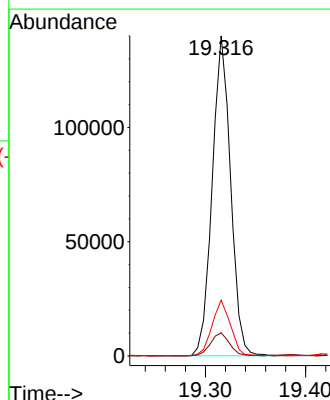
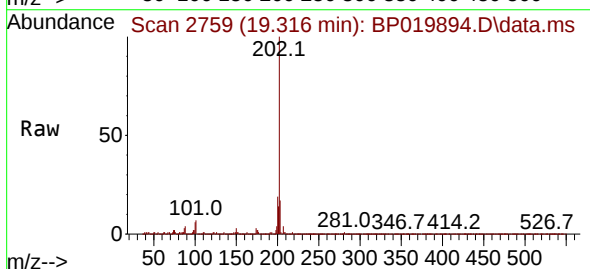
Tgt Ion:202 Resp: 178526

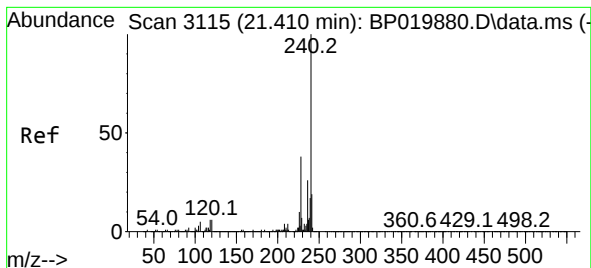
Ion Ratio Lower Upper

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# 3115

Delta R.T. -0.006 min

Lab File: BP019894.D

Acq: 27 Feb 2024 13:45

Instrument :

BNA_P

ClientSampleId :

VNJ-232

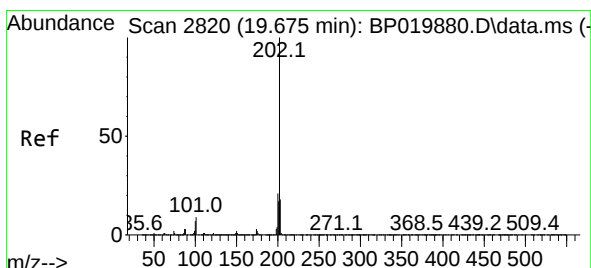
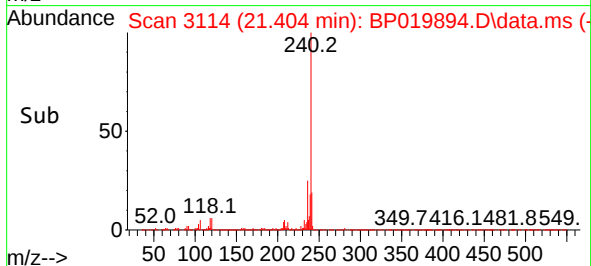
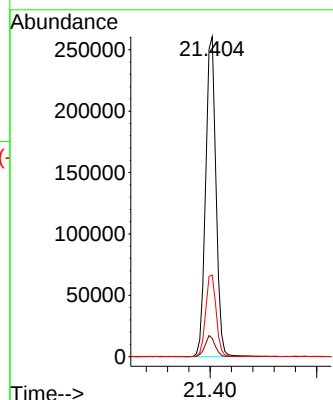
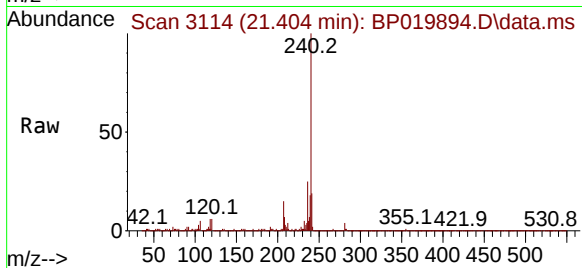
Tgt Ion:240 Resp: 350444

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

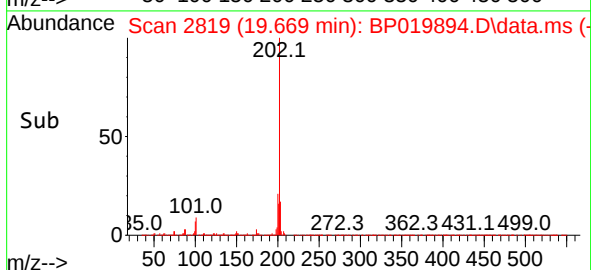
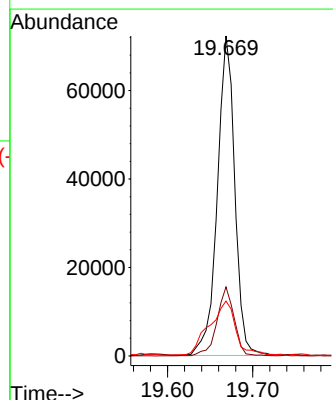
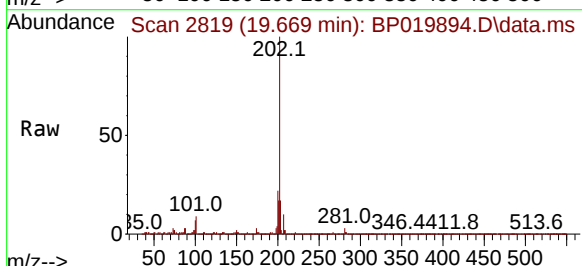
Tgt Ion:202 Resp: 103206

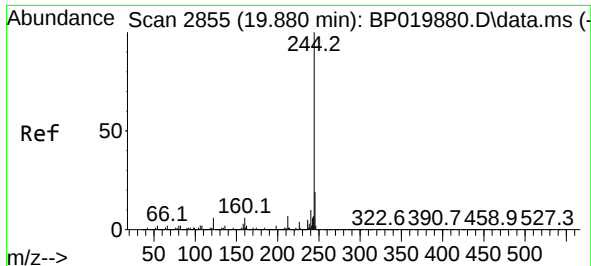
Ion Ratio Lower Upper

202 100

200 21.6 16.7 25.1

203 17.1 14.2 21.2

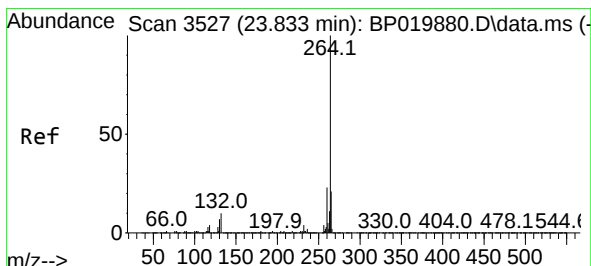
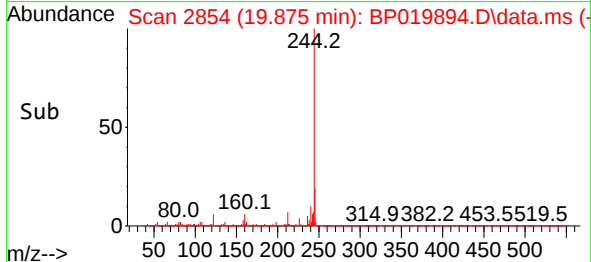
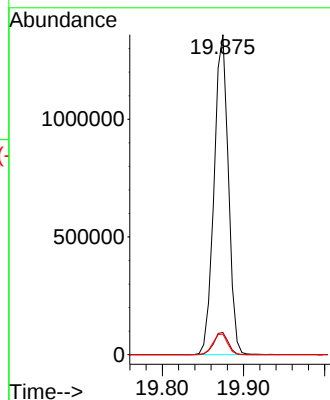
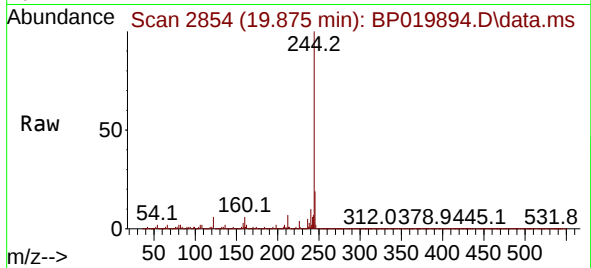




#79
 Terphenyl-d14
 Concen: 74.609 ng
 RT: 19.875 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019894.D
 Acq: 27 Feb 2024 13:45

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-232

Tgt Ion: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# 3525
 Delta R.T. -0.012 min
 Lab File: BP019894.D
 Acq: 27 Feb 2024 13:45

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

