

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
 Data File : BP013588.D
 Acq On : 25 Jan 2023 01:01
 Operator : CG/JU
 Sample : 01244-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-223

Quant Time: Jan 25 03:54:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 03:43:27 2023
 Response via : Initial Calibration

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

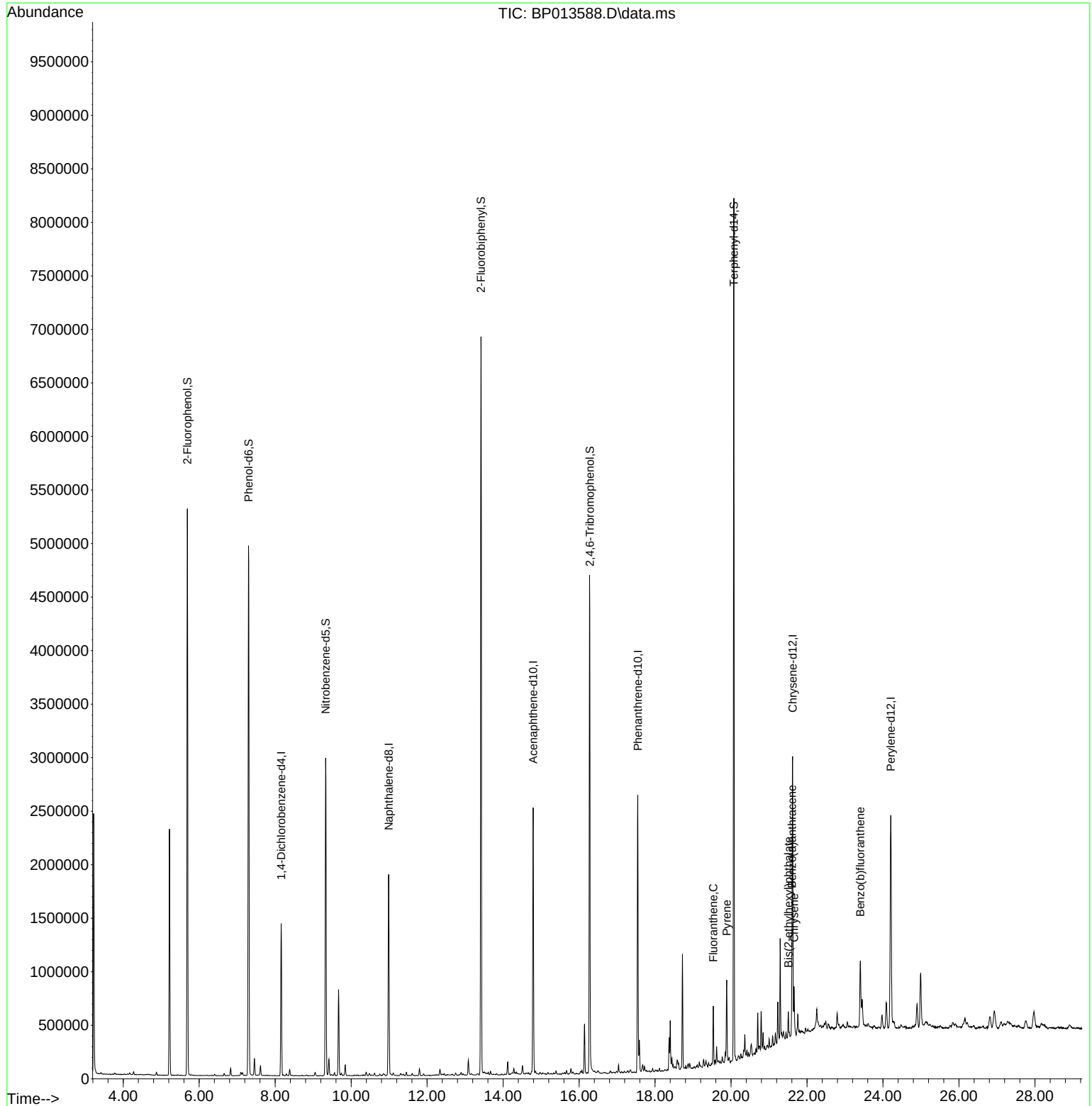
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.157	152	398645	20.000	ng	0.00
21) Naphthalene-d8	10.987	136	1569036	20.000	ng	0.00
39) Acenaphthene-d10	14.792	164	852915	20.000	ng	0.00
64) Phenanthrene-d10	17.545	188	1563381	20.000	ng	0.00
76) Chrysene-d12	21.621	240	1242656	20.000	ng	0.00
86) Perylene-d12	24.204	264	1587922	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	2390606	102.747	ng	0.00
7) Phenol-d6	7.299	99	3086798	98.575	ng	0.00
23) Nitrobenzene-d5	9.328	82	1660050	69.846	ng	0.00
42) 2,4,6-Tribromophenol	16.281	330	919055	107.428	ng	0.00
45) 2-Fluorobiphenyl	13.416	172	3761929	60.543	ng	-0.01
79) Terphenyl-d14	20.074	244	3755199	54.364	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.533	202	316143	3.418	ng	98
78) Pyrene	19.886	202	311548	3.279	ng	99
81) Benzo(a)anthracene	21.604	228	224811	2.597	ng	97
83) Chrysene	21.657	228	270258	3.264	ng	98
84) Bis(2-ethylhexyl)phtha...	21.510	149	97932	2.023	ng	99
88) Benzo(b)fluoranthene	23.404	252	235848	2.414	ng	# 94

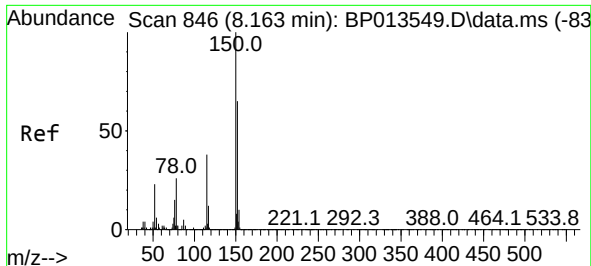
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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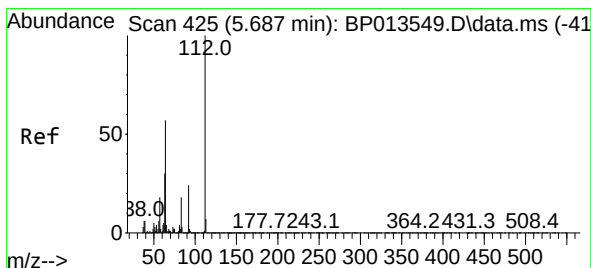
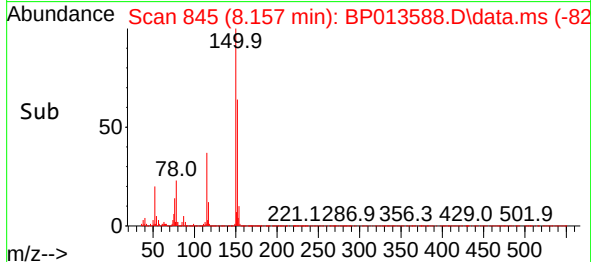
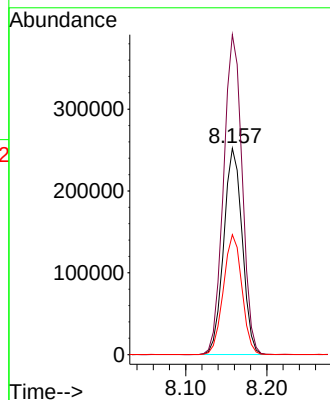
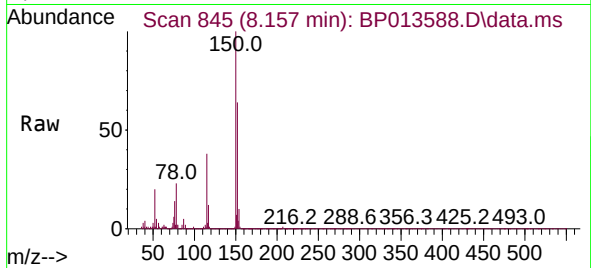




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.157 min Scan# 846
Delta R.T. -0.007 min
Lab File: BP013588.D
Acq: 25 Jan 2023 01:01

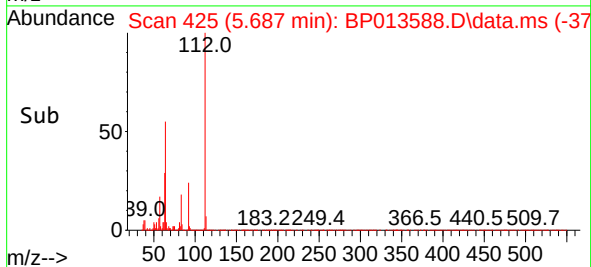
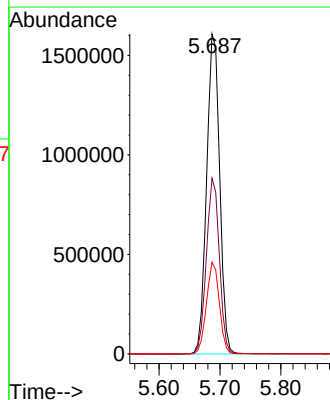
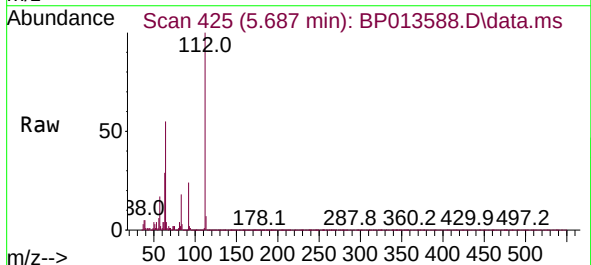
Instrument :
BNA_P
ClientSampleId :
VNJ-223

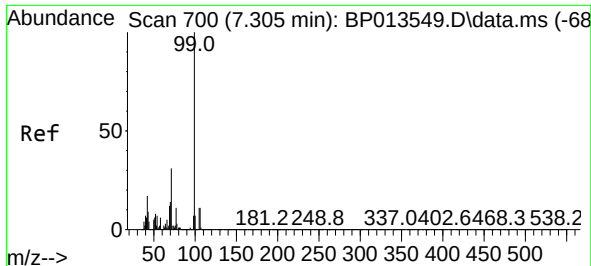
Tgt Ion:152 Resp: 398645
Ion Ratio Lower Upper
152 100
150 155.0 122.4 183.6
115 58.1 46.1 69.1



#5
2-Fluorophenol
Concen: 102.747 ng
RT: 5.687 min Scan# 425
Delta R.T. -0.000 min
Lab File: BP013588.D
Acq: 25 Jan 2023 01:01

Tgt Ion:112 Resp: 2390606
Ion Ratio Lower Upper
112 100
64 54.9 45.4 68.0
63 28.6 24.1 36.1

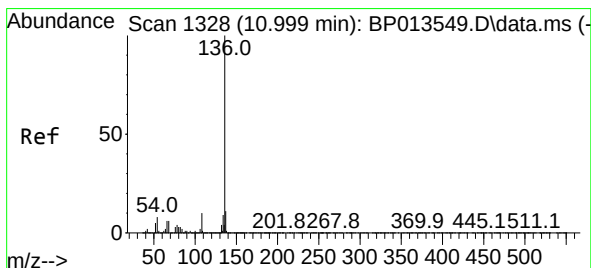
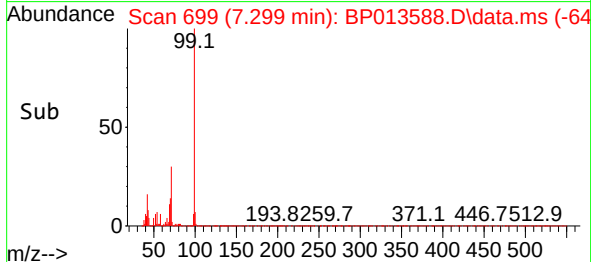
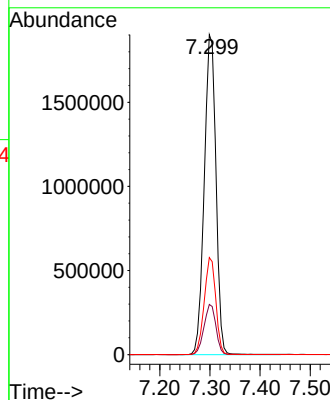
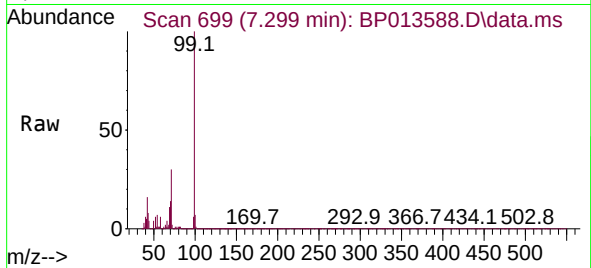




#7
Phenol-d6
Concen: 98.575 ng
RT: 7.299 min Scan# 69
Delta R.T. -0.000 min
Lab File: BP013588.D
Acq: 25 Jan 2023 01:01

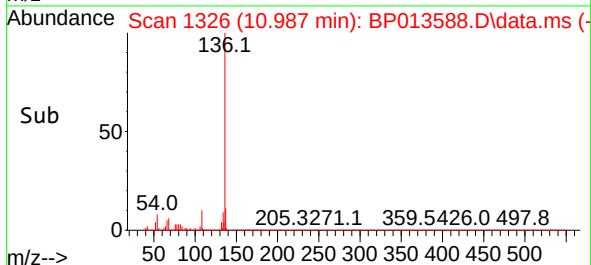
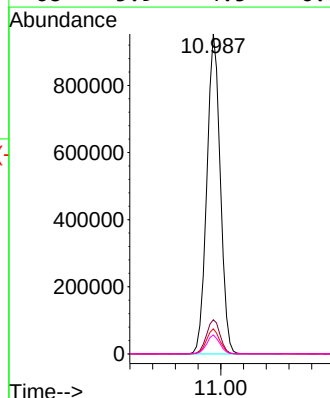
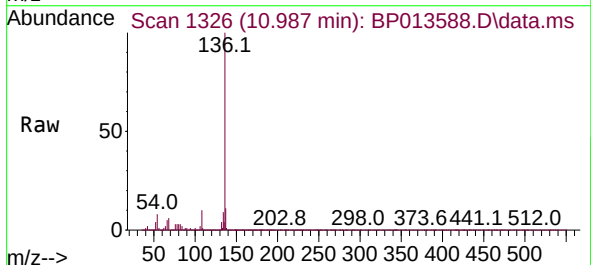
Instrument :
BNA_P
ClientSampleId :
VNJ-223

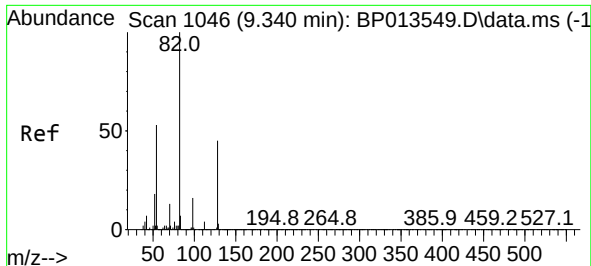
Tgt Ion: 99 Resp: 3086798
Ion Ratio Lower Upper
99 100
42 15.7 14.0 21.0
71 30.3 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.987 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP013588.D
Acq: 25 Jan 2023 01:01

Tgt Ion: 136 Resp: 1569036
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 7.8 6.6 9.8
68 5.9 4.5 6.7





#23

Nitrobenzene-d5

Concen: 69.846 ng

RT: 9.328 min Scan# 1044

Delta R.T. -0.006 min

Lab File: BP013588.D

Acq: 25 Jan 2023 01:01

Instrument :

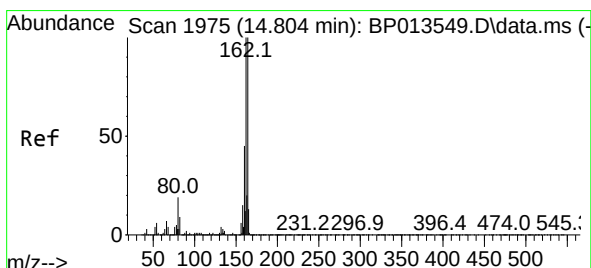
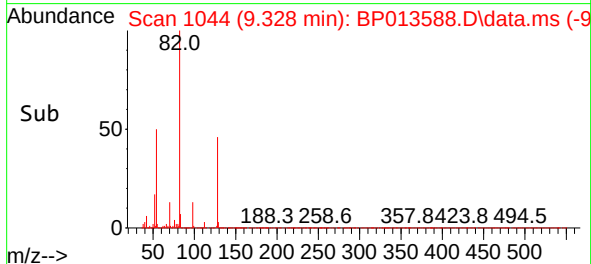
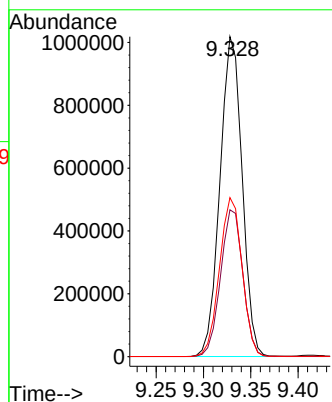
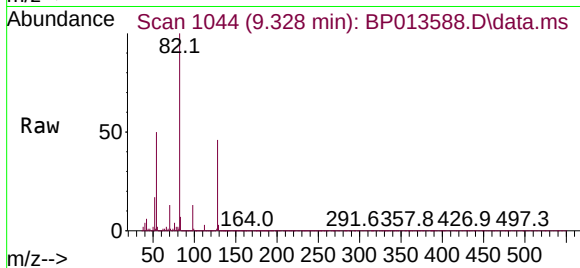
BNA_P

ClientSampleId :

VNJ-223

Tgt Ion: 82 Resp: 1660050

Ion	Ratio	Lower	Upper
82	100		
128	45.9	35.8	53.6
54	49.7	42.6	64.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.792 min Scan# 1973

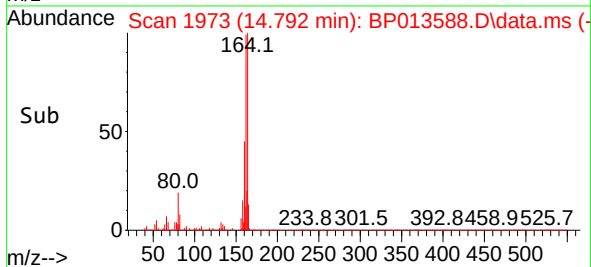
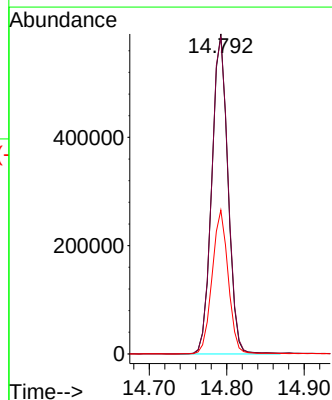
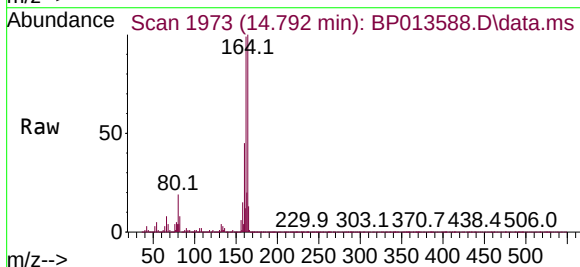
Delta R.T. -0.006 min

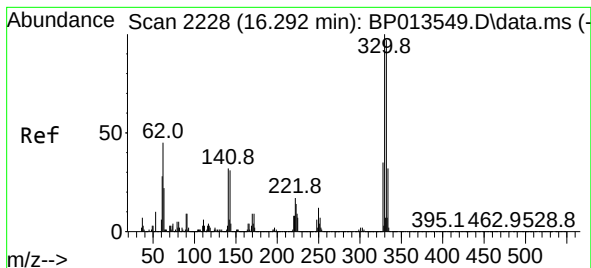
Lab File: BP013588.D

Acq: 25 Jan 2023 01:01

Tgt Ion:164 Resp: 852915

Ion	Ratio	Lower	Upper
164	100		
162	98.9	80.1	120.1
160	44.9	35.9	53.9





#42

2,4,6-Tribromophenol

Concen: 107.428 ng

RT: 16.281 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013588.D

Acq: 25 Jan 2023 01:01

Instrument :

BNA_P

ClientSampleId :

VNJ-223

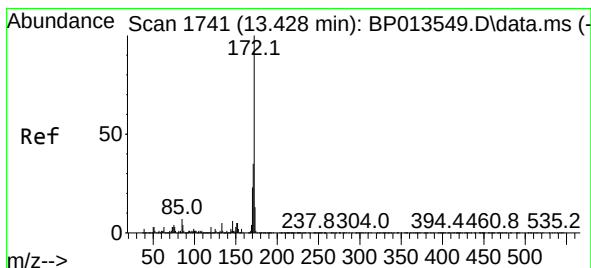
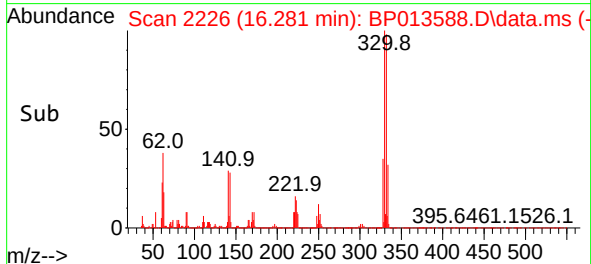
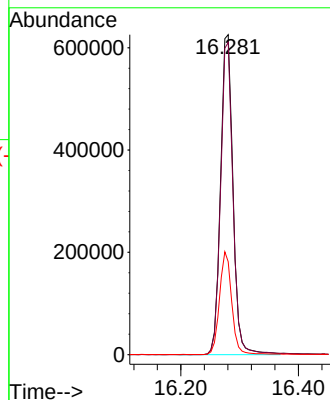
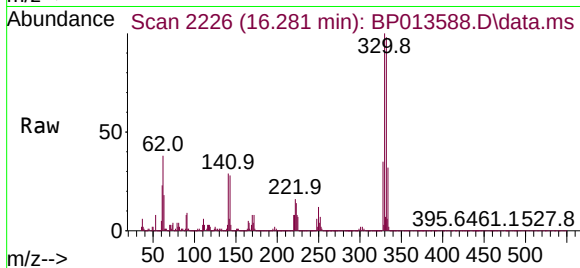
Tgt Ion:330 Resp: 919055

Ion Ratio Lower Upper

330 100

332 97.6 77.4 116.2

141 31.7 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 60.543 ng

RT: 13.416 min Scan# 1739

Delta R.T. -0.012 min

Lab File: BP013588.D

Acq: 25 Jan 2023 01:01

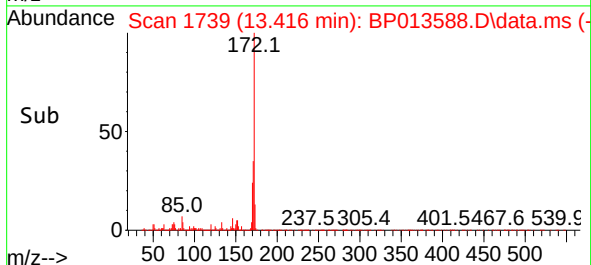
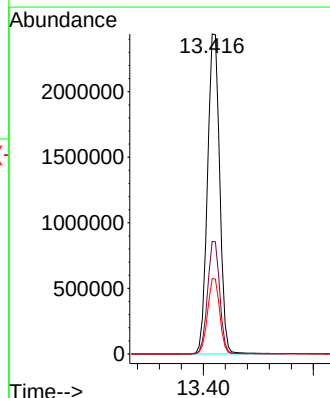
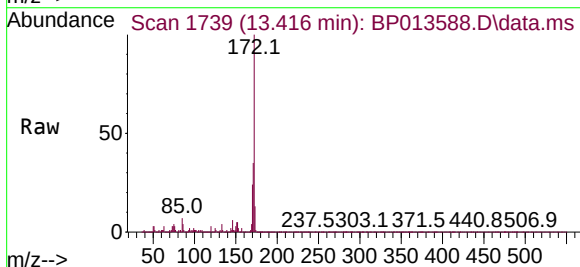
Tgt Ion:172 Resp: 3761929

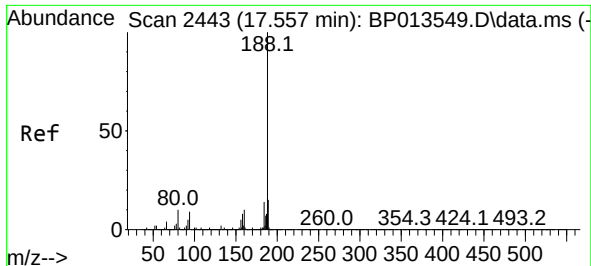
Ion Ratio Lower Upper

172 100

171 35.2 27.8 41.8

170 23.5 18.6 27.8

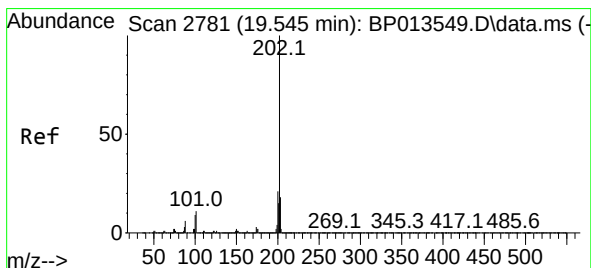
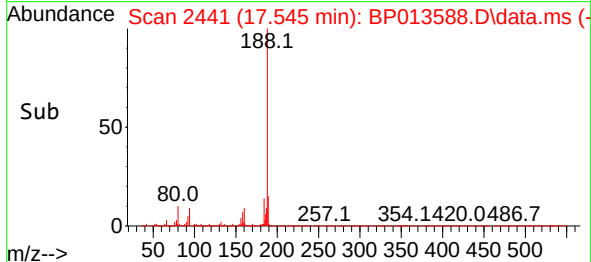
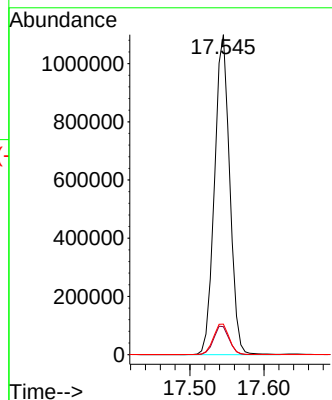
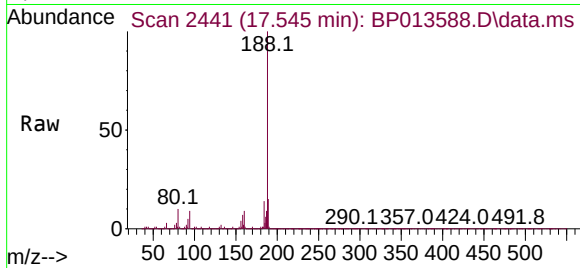




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.545 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BP013588.D
Acq: 25 Jan 2023 01:01

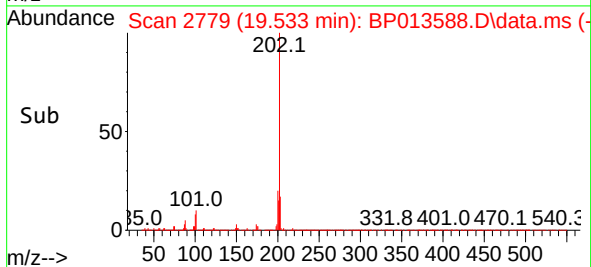
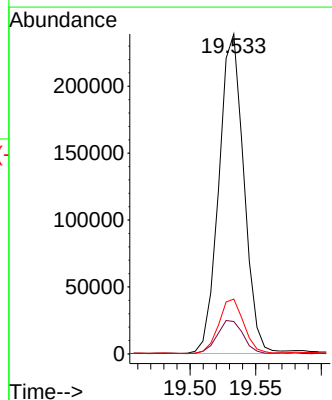
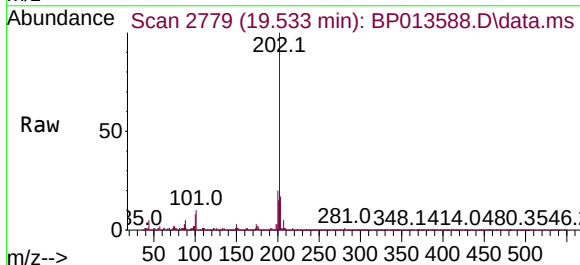
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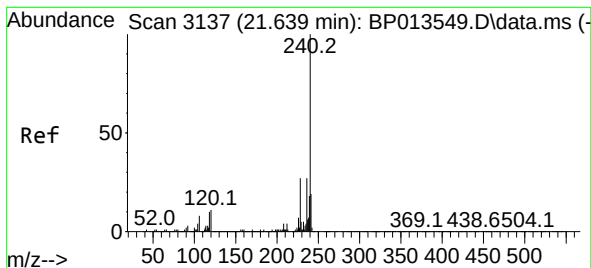
Tgt Ion:188 Resp: 1563381
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.5 8.2 12.2



#75
Fluoranthene
Concen: 3.418 ng
RT: 19.533 min Scan# 2779
Delta R.T. -0.006 min
Lab File: BP013588.D
Acq: 25 Jan 2023 01:01

Tgt Ion:202 Resp: 316143
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.4
203 17.2 0.0 37.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.621 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP013588.D

Acq: 25 Jan 2023 01:01

Instrument :

BNA_P

ClientSampleId :

VNJ-223

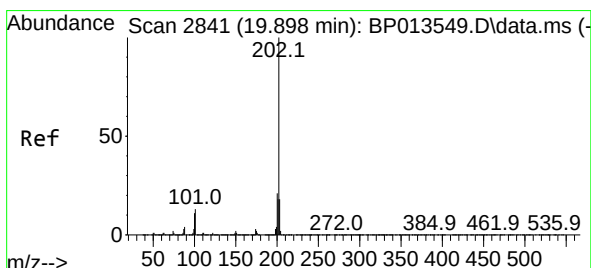
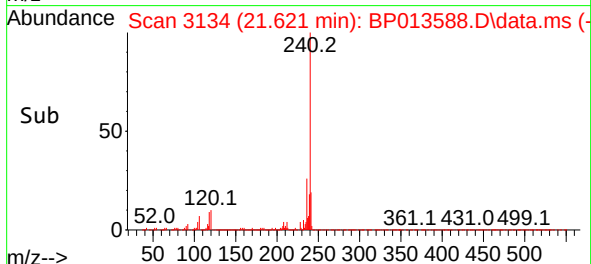
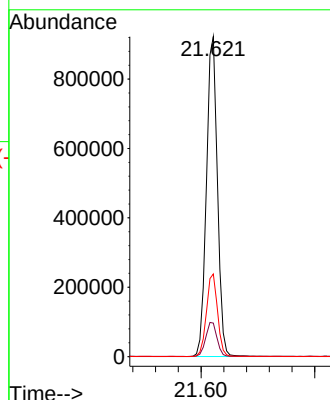
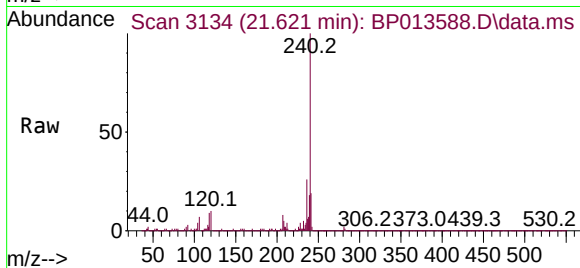
Tgt Ion:240 Resp: 1242656

Ion Ratio Lower Upper

240 100

120 10.5 8.6 13.0

236 25.8 21.3 31.9



#78

Pyrene

Concen: 3.279 ng

RT: 19.886 min Scan# 2839

Delta R.T. -0.006 min

Lab File: BP013588.D

Acq: 25 Jan 2023 01:01

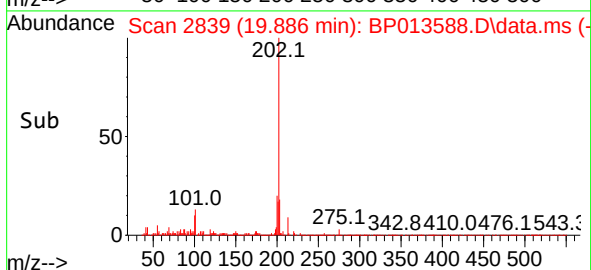
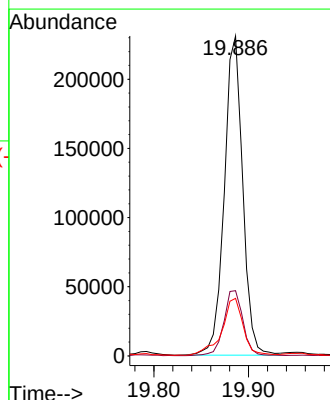
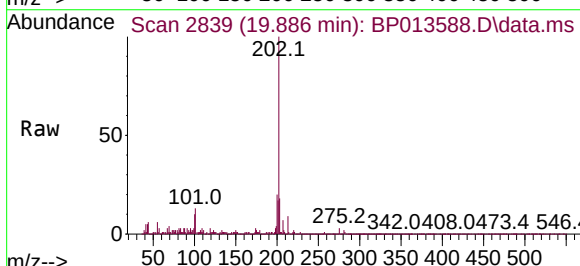
Tgt Ion:202 Resp: 311548

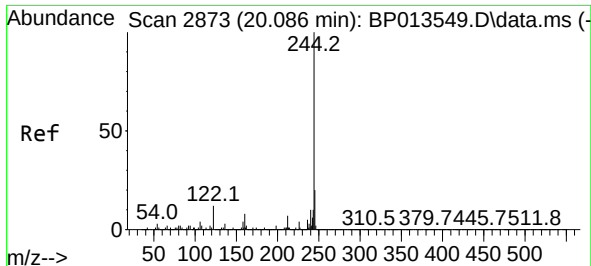
Ion Ratio Lower Upper

202 100

200 20.4 17.0 25.6

203 18.0 14.2 21.2

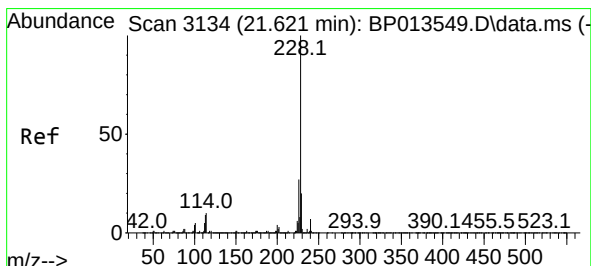
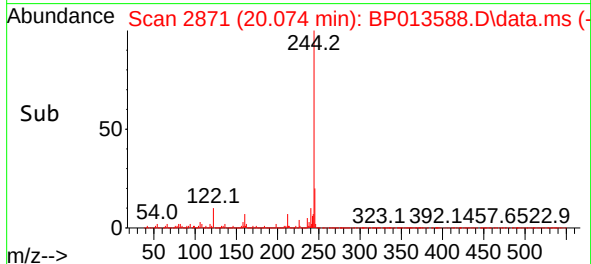
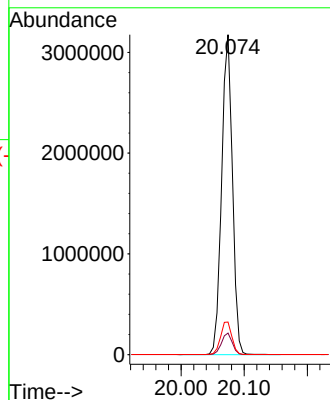
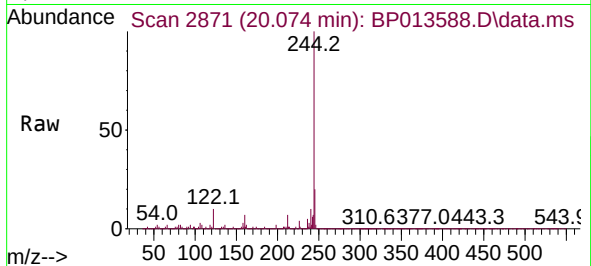




#79
 Terphenyl-d14
 Concen: 54.364 ng
 RT: 20.074 min Scan# 2873
 Delta R.T. -0.006 min
 Lab File: BP013588.D
 Acq: 25 Jan 2023 01:01

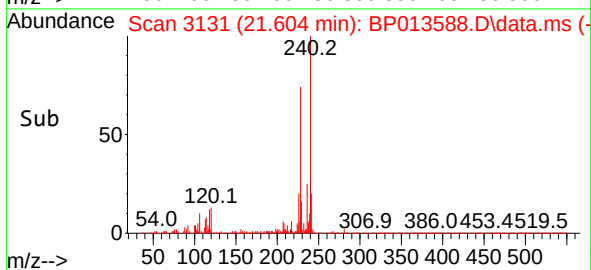
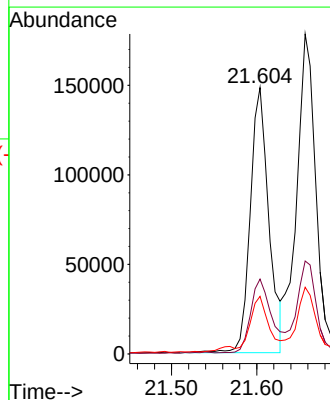
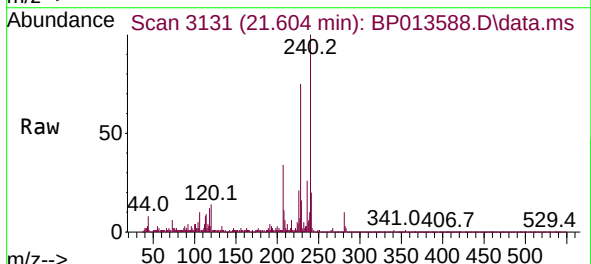
Instrument :
 BNA_P
 ClientSampleId :
 VNJ-223

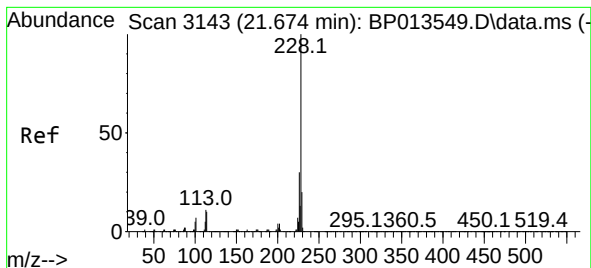
Tgt Ion:244 Resp: 3755199
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.2 9.2 13.8



#81
 Benzo(a)anthracene
 Concen: 2.597 ng
 RT: 21.604 min Scan# 3131
 Delta R.T. -0.006 min
 Lab File: BP013588.D
 Acq: 25 Jan 2023 01:01

Tgt Ion:228 Resp: 224811
 Ion Ratio Lower Upper
 228 100
 226 28.1 21.8 32.8
 229 21.6 15.8 23.6





#83

Chrysene

Concen: 3.264 ng

RT: 21.657 min Scan# 3115

Delta R.T. -0.012 min

Lab File: BP013588.D

Acq: 25 Jan 2023 01:01

Instrument :

BNA_P

ClientSampleId :

VNJ-223

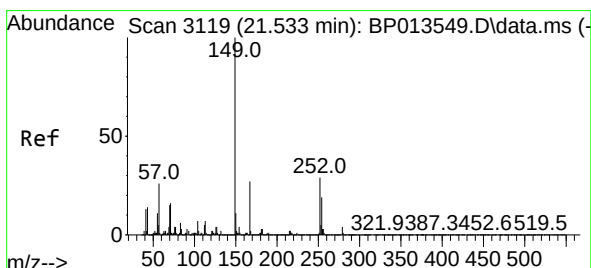
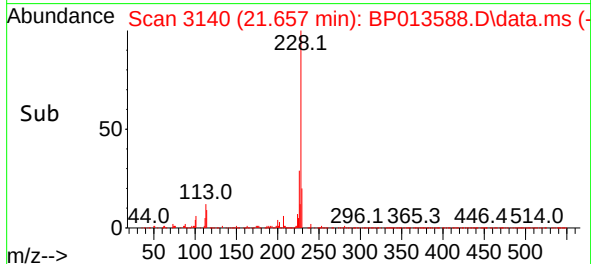
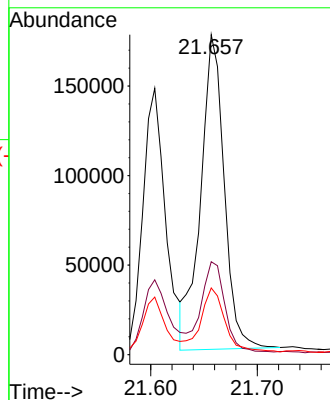
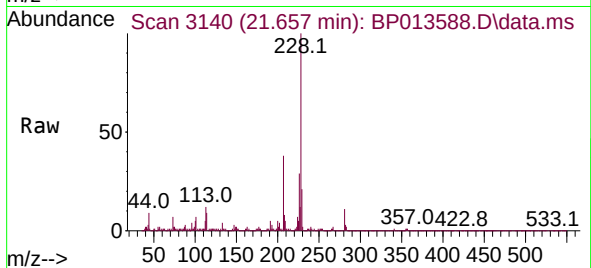
Tgt Ion:228 Resp: 270258

Ion Ratio Lower Upper

228 100

226 29.0 24.1 36.1

229 20.8 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.023 ng

RT: 21.510 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BP013588.D

Acq: 25 Jan 2023 01:01

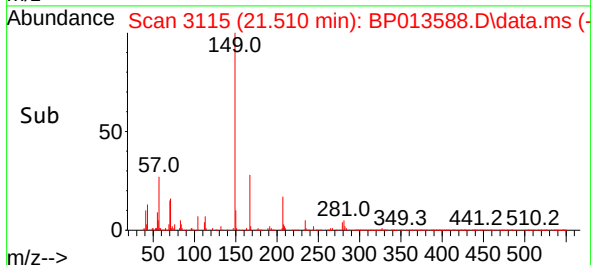
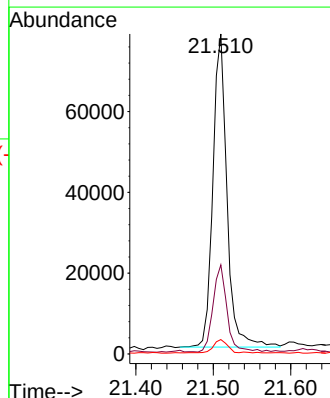
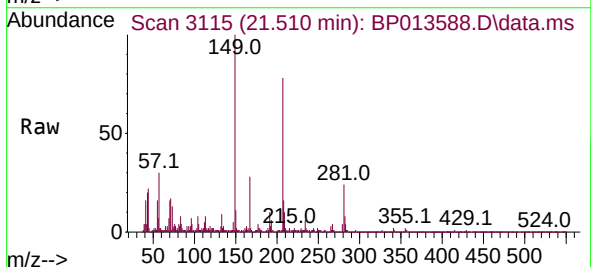
Tgt Ion:149 Resp: 97932

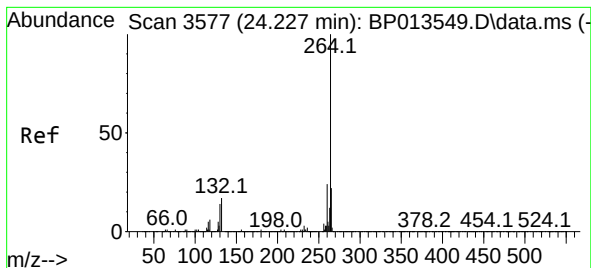
Ion Ratio Lower Upper

149 100

167 27.8 22.0 33.0

279 4.5 3.5 5.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.204 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP013588.D

Acq: 25 Jan 2023 01:01

Instrument :

BNA_P

ClientSampleId :

VNJ-223

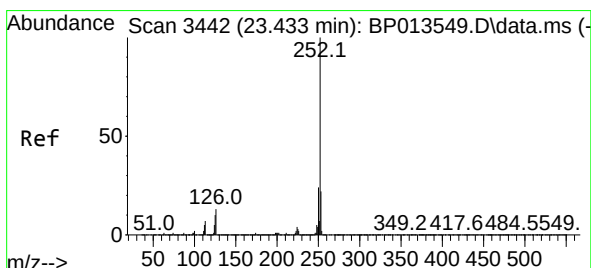
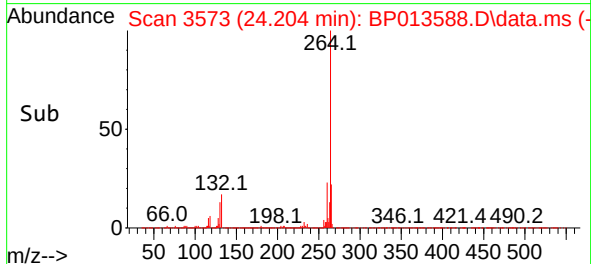
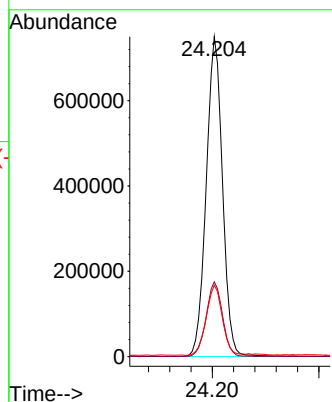
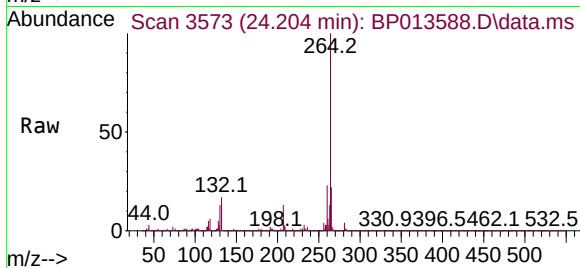
Tgt Ion:264 Resp: 1587922

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 22.3 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 2.414 ng

RT: 23.404 min Scan# 3437

Delta R.T. -0.018 min

Lab File: BP013588.D

Acq: 25 Jan 2023 01:01

Tgt Ion:252 Resp: 235848

Ion Ratio Lower Upper

252 100

253 24.6 17.5 26.3

125 12.7 8.0 12.0#

