

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110421\
 Data File : BP007856.D
 Acq On : 04 Nov 2021 19:43
 Operator : CG/JU
 Sample : M4497-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-203

Quant Time: Nov 07 11:18:16 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 02 19:18:55 2021
 Response via : Initial Calibration

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

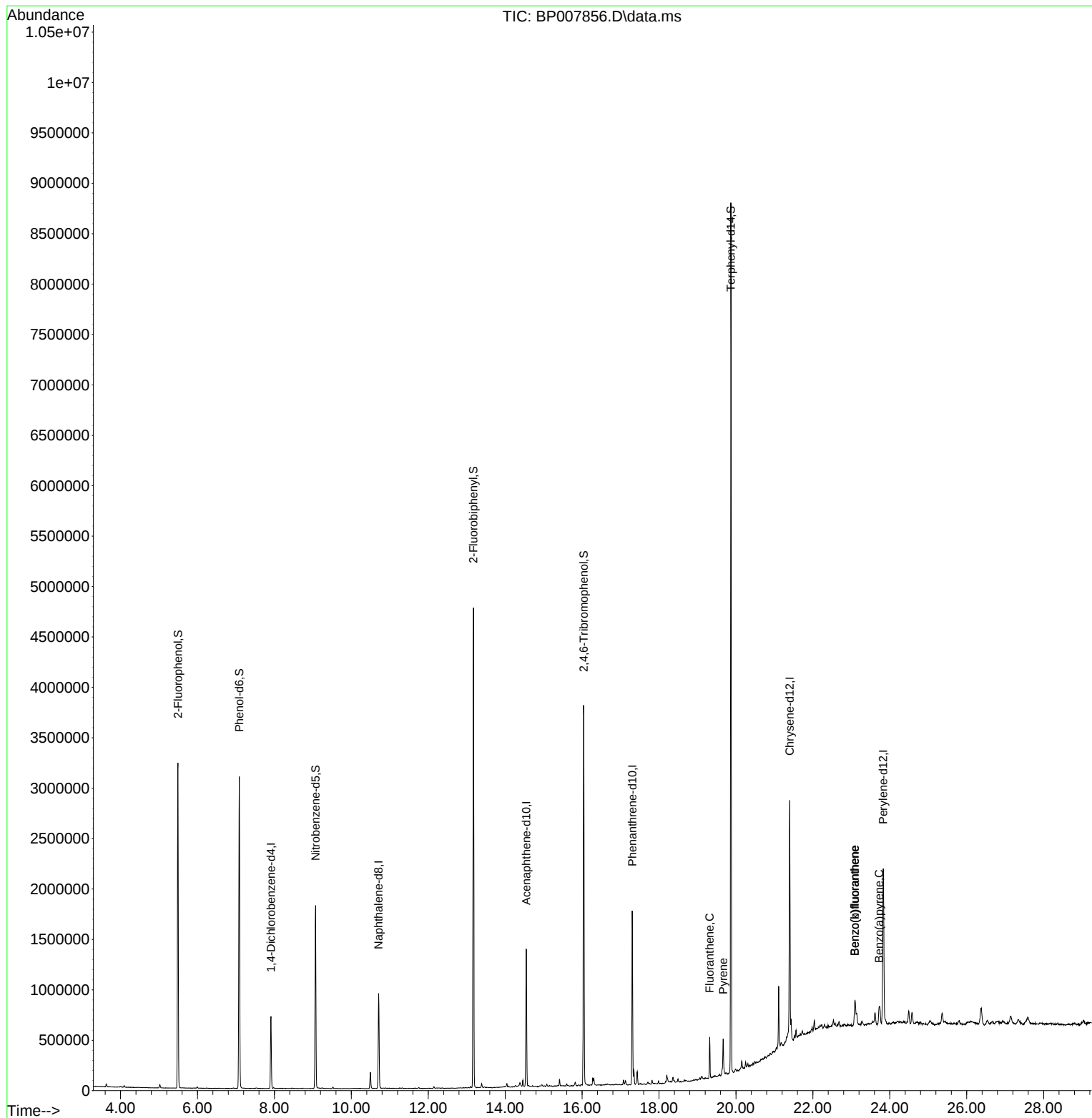
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	197116	20.000	ng	-0.01
21) Naphthalene-d8	10.710	136	763613	20.000	ng	-0.02
39) Acenaphthene-d10	14.545	164	490362	20.000	ng	-0.02
64) Phenanthrene-d10	17.304	188	1029334	20.000	ng	-0.02
76) Chrysene-d12	21.398	240	1115970	20.000	ng	-0.02
86) Perylene-d12	23.827	264	1241337	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1424445	122.555	ng	0.00
7) Phenol-d6	7.087	99	1742709	103.592	ng	0.00
23) Nitrobenzene-d5	9.069	82	1029300	72.407	ng	-0.02
42) 2,4,6-Tribromophenol	16.045	330	754158	107.765	ng	-0.01
45) 2-Fluorobiphenyl	13.175	172	2401929	71.332	ng	-0.02
79) Terphenyl-d14	19.869	244	3829178	69.870	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	91	Below Cal	#	1
75) Fluoranthene	19.316	202	229369	3.360	ng	99
78) Pyrene	19.669	202	215514	3.149	ng	99
88) Benzo(b)fluoranthene	23.092	252	183769	2.511	ng	96
89) Benzo(k)fluoranthene	23.092	252	183769	2.530	ng	96
90) Benzo(a)pyrene	23.721	252	132962	2.099	ng	# 95

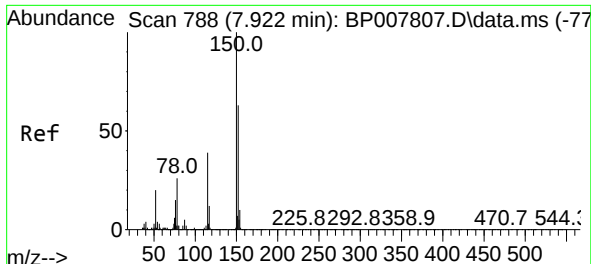
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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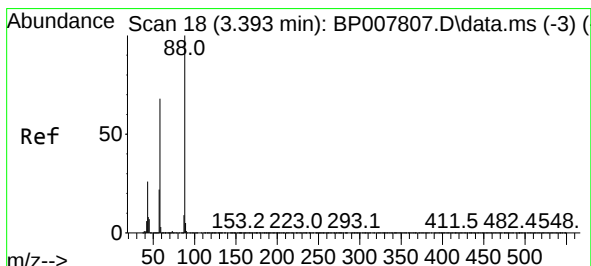
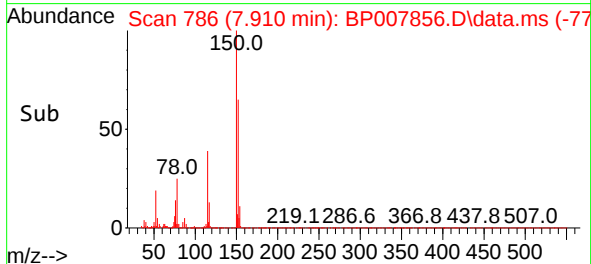
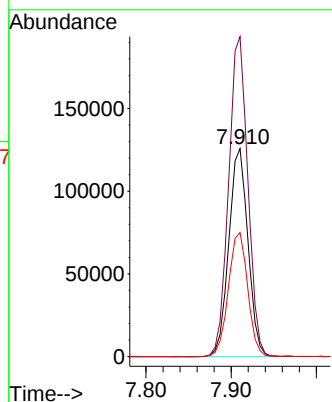
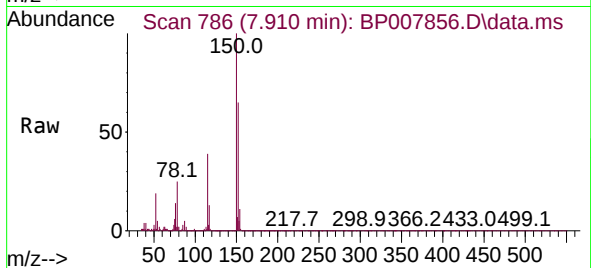




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.910 min Scan# 7
 Delta R.T. -0.012 min
 Lab File: BP007856.D
 Acq: 04 Nov 2021 19:43

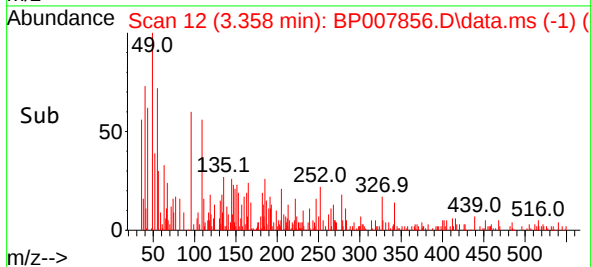
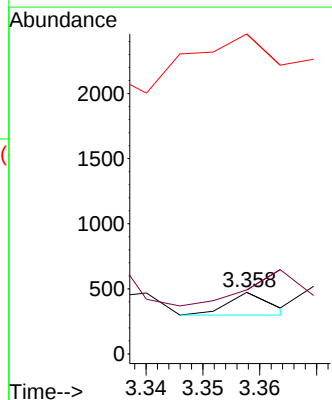
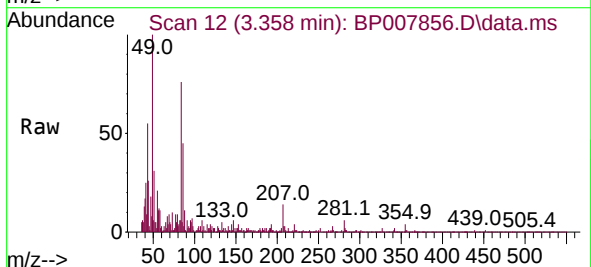
Instrument :
 BNA_P
 ClientSampleId :
 VNJ-203

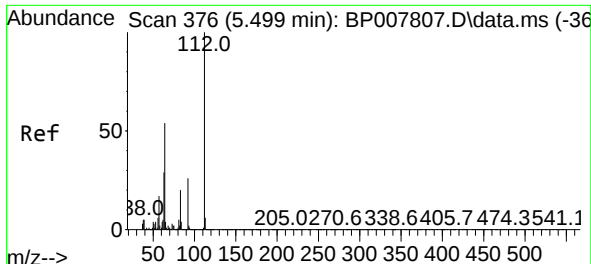
Tgt Ion:152 Resp: 197116
 Ion Ratio Lower Upper
 152 100
 150 153.7 124.1 186.1
 115 59.6 48.1 72.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.358 min Scan# 12
 Delta R.T. -0.035 min
 Lab File: BP007856.D
 Acq: 04 Nov 2021 19:43

Tgt Ion: 88 Resp: 91
 Ion Ratio Lower Upper
 88 100
 58 353.8 58.1 87.1#
 43 1034.1 22.2 33.4#

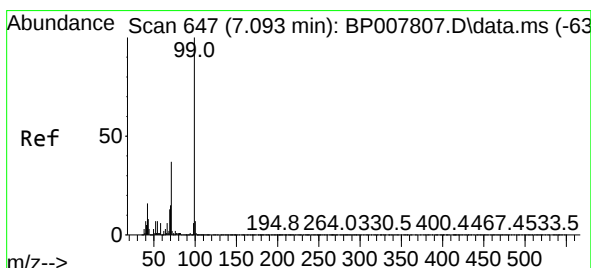
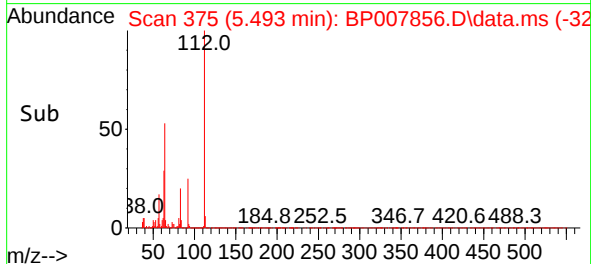
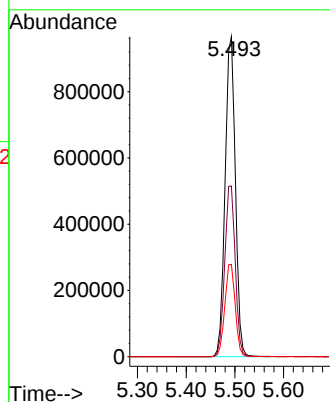
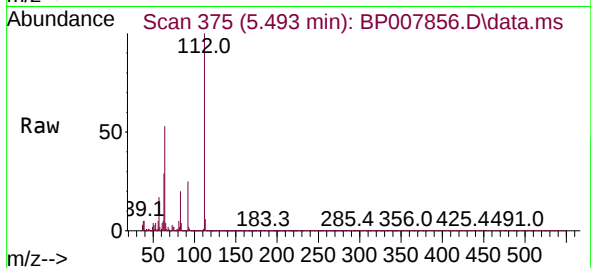




#5
2-Fluorophenol
Concen: 122.555 ng
RT: 5.493 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP007856.D
Acq: 04 Nov 2021 19:43

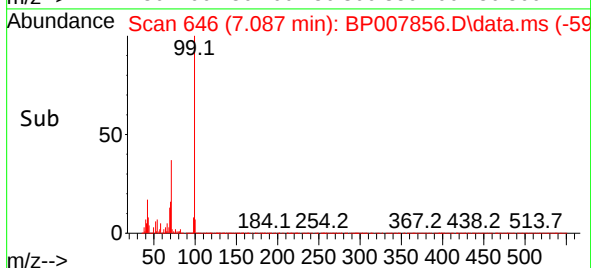
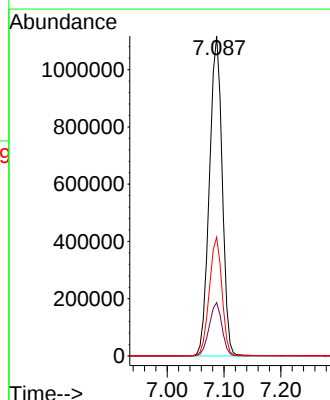
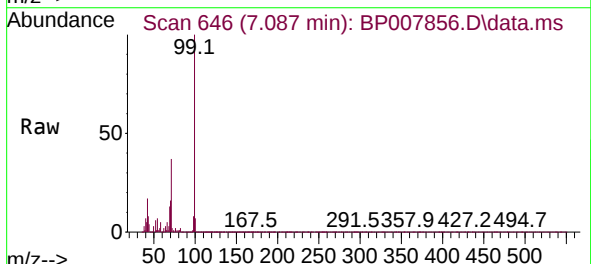
Instrument :
BNA_P
ClientSampleId :
VNJ-203

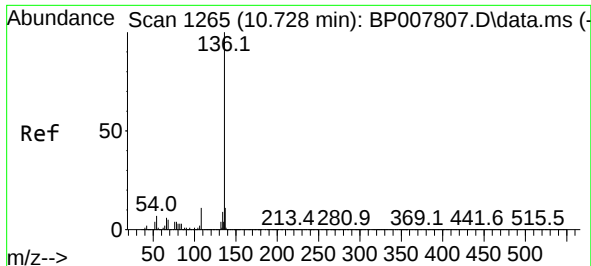
Tgt Ion:112 Resp: 1424445
Ion Ratio Lower Upper
112 100
64 53.4 46.6 70.0
63 28.8 25.0 37.6



#7
Phenol-d6
Concen: 103.592 ng
RT: 7.087 min Scan# 646
Delta R.T. -0.006 min
Lab File: BP007856.D
Acq: 04 Nov 2021 19:43

Tgt Ion: 99 Resp: 1742709
Ion Ratio Lower Upper
99 100
42 16.6 14.9 22.3
71 37.1 29.2 43.8

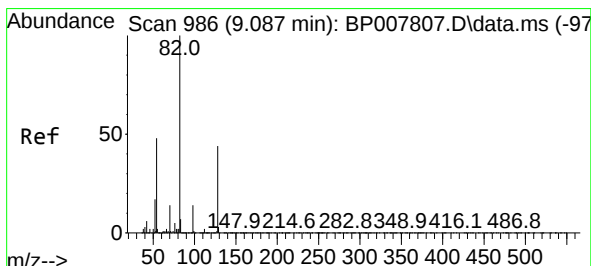
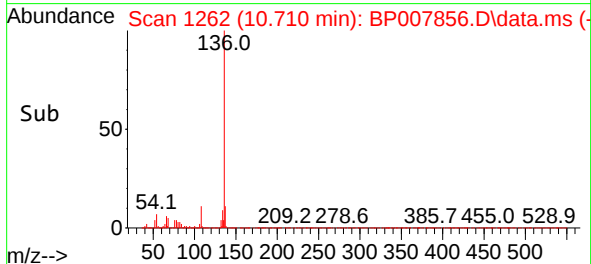
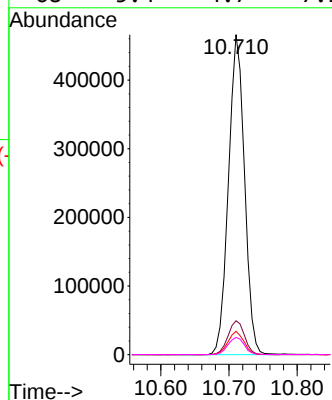
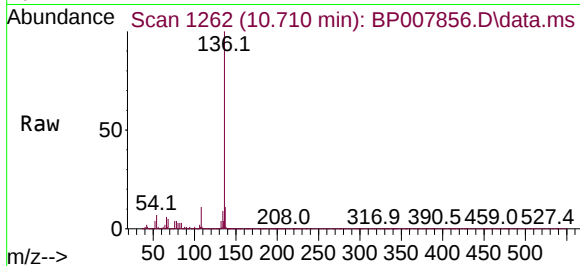




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP007856.D
Acq: 04 Nov 2021 19:43

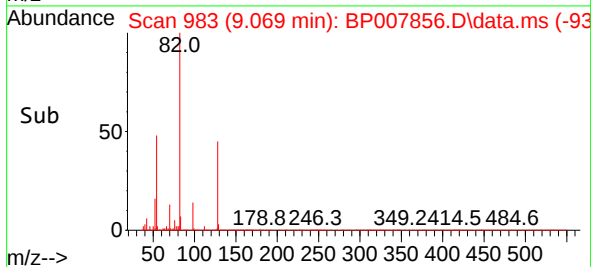
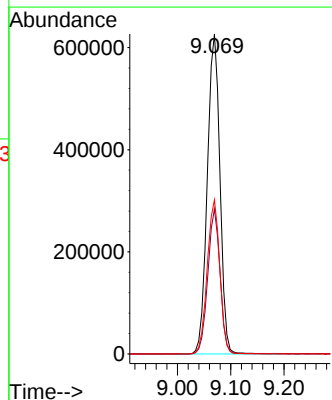
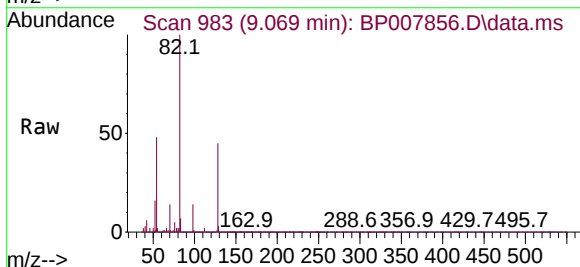
Instrument :
BNA_P
ClientSampleId :
VNJ-203

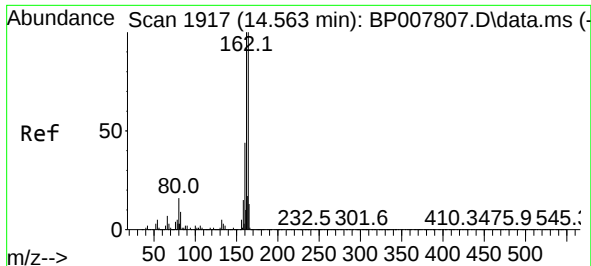
Tgt Ion:	136	Resp:	763613
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	7.3	6.2	9.4
68	5.4	4.7	7.1



#23
Nitrobenzene-d5
Concen: 72.407 ng
RT: 9.069 min Scan# 983
Delta R.T. -0.018 min
Lab File: BP007856.D
Acq: 04 Nov 2021 19:43

Tgt Ion:	82	Resp:	1029300
Ion	Ratio	Lower	Upper
82	100		
128	45.3	32.6	48.8
54	48.1	40.4	60.6

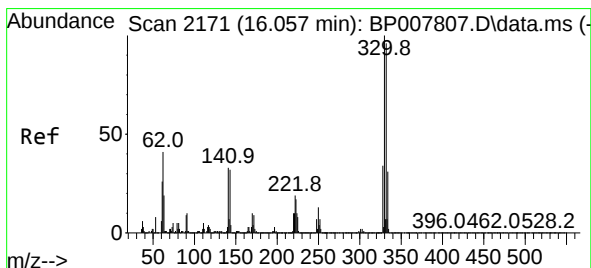
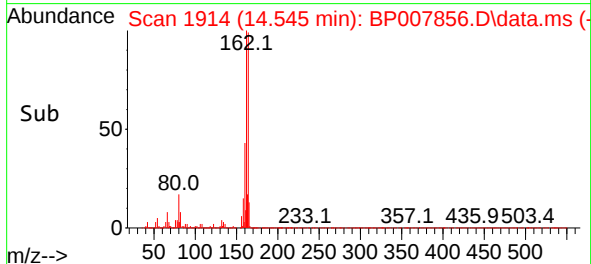
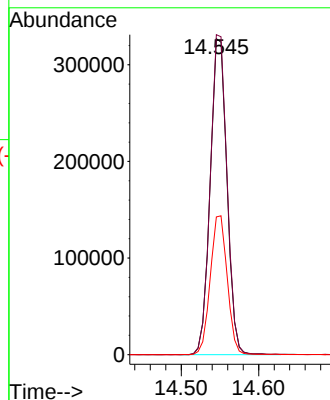
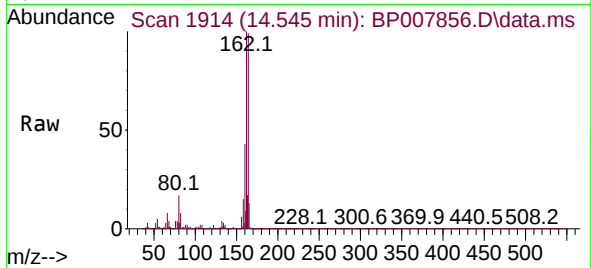




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1914
Delta R.T. -0.018 min
Lab File: BP007856.D
Acq: 04 Nov 2021 19:43

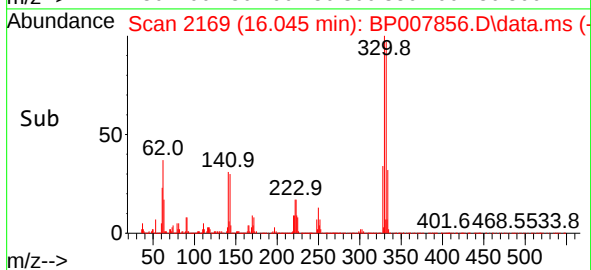
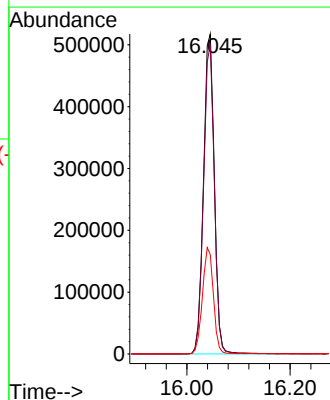
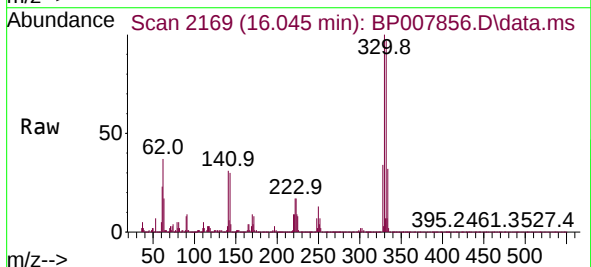
Instrument :
BNA_P
ClientSampleId :
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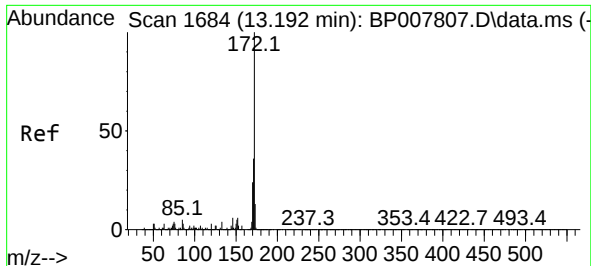
Tgt Ion:164 Resp: 490362
Ion Ratio Lower Upper
164 100
162 101.3 81.1 121.7
160 43.6 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 107.765 ng
RT: 16.045 min Scan# 2169
Delta R.T. -0.012 min
Lab File: BP007856.D
Acq: 04 Nov 2021 19:43

Tgt Ion:330 Resp: 754158
Ion Ratio Lower Upper
330 100
332 95.9 78.9 118.3
141 33.5 30.7 46.1

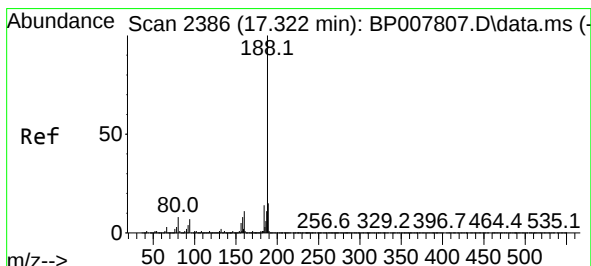
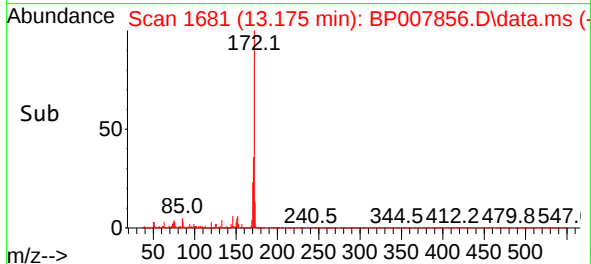
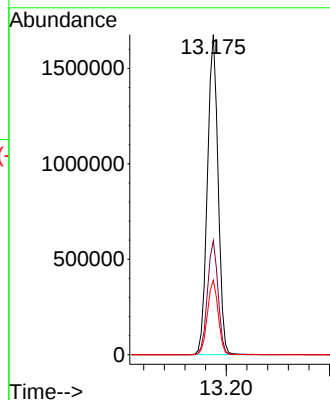
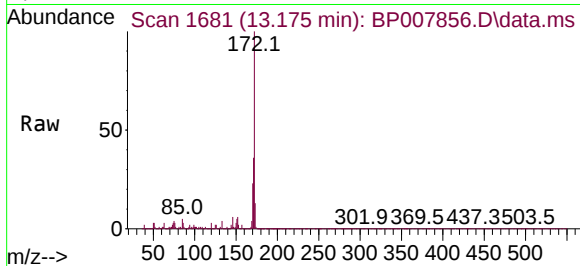




#45
2-Fluorobiphenyl
Concen: 71.332 ng
RT: 13.175 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP007856.D
Acq: 04 Nov 2021 19:43

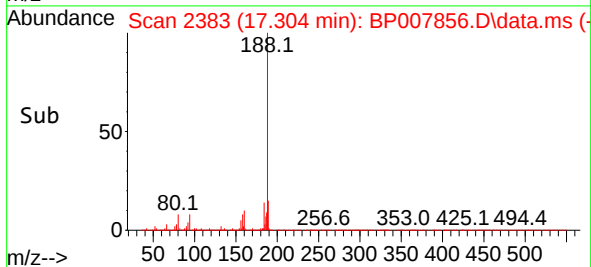
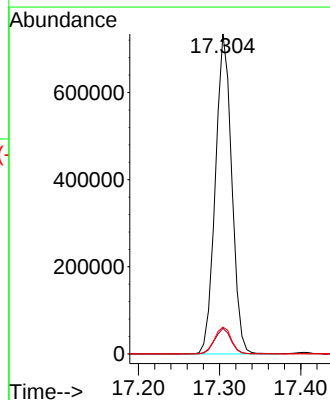
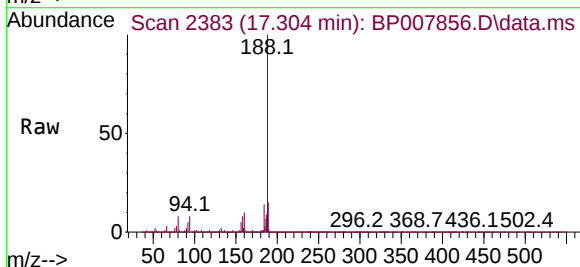
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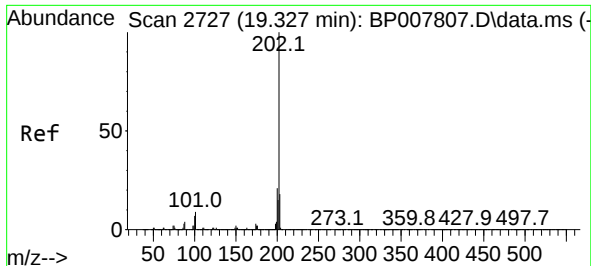
Tgt Ion:172 Resp: 2401929
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.3 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2383
Delta R.T. -0.018 min
Lab File: BP007856.D
Acq: 04 Nov 2021 19:43

Tgt Ion:188 Resp: 1029334
Ion Ratio Lower Upper
188 100
94 8.0 7.1 10.7
80 8.4 7.8 11.6

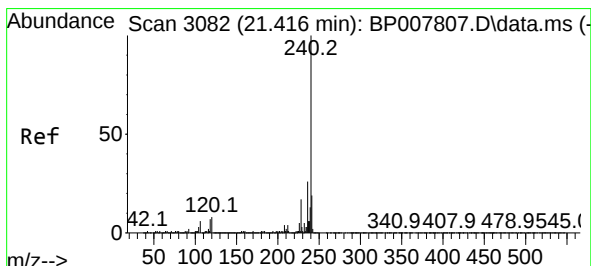
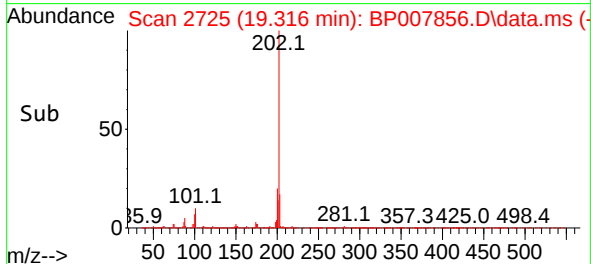
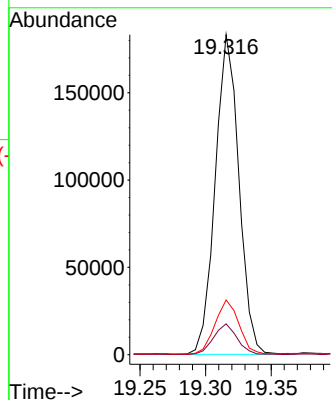
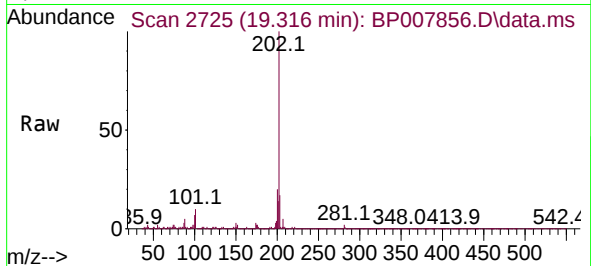




#75
Fluoranthene
Concen: 3.360 ng
RT: 19.316 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP007856.D
Acq: 04 Nov 2021 19:43

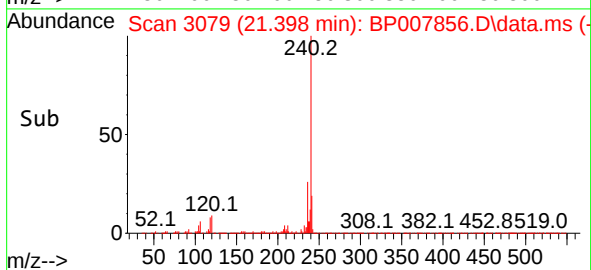
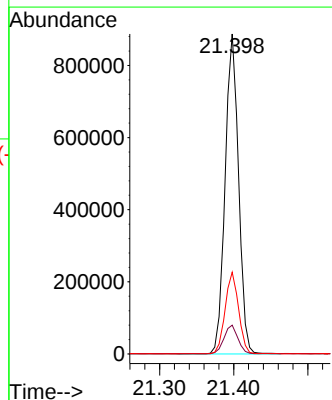
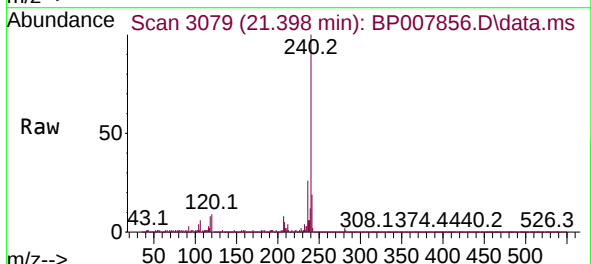
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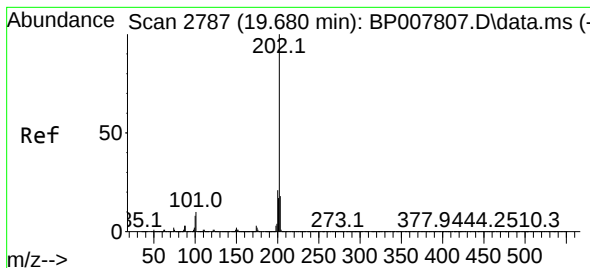
Tgt Ion:202 Resp: 229369
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.4
203 17.1 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3079
Delta R.T. -0.018 min
Lab File: BP007856.D
Acq: 04 Nov 2021 19:43

Tgt Ion:240 Resp: 1115970
Ion Ratio Lower Upper
240 100
120 9.0 7.8 11.8
236 25.5 20.6 30.8





#78

Pyrene

Concen: 3.149 ng

RT: 19.669 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP007856.D

Acq: 04 Nov 2021 19:43

Instrument :

BNA_P

ClientSampleId :

VNJ-203

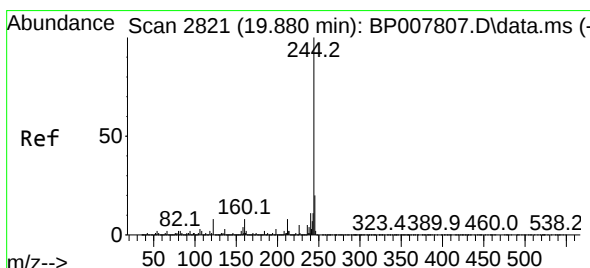
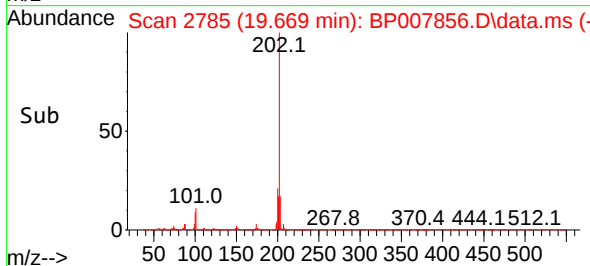
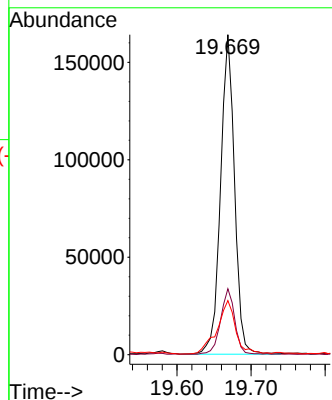
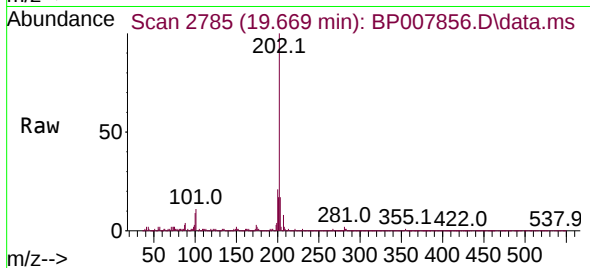
Tgt Ion:202 Resp: 215514

Ion Ratio Lower Upper

202 100

200 20.6 16.9 25.3

203 16.9 13.8 20.6



#79

Terphenyl-d14

Concen: 69.870 ng

RT: 19.869 min Scan# 2819

Delta R.T. -0.012 min

Lab File: BP007856.D

Acq: 04 Nov 2021 19:43

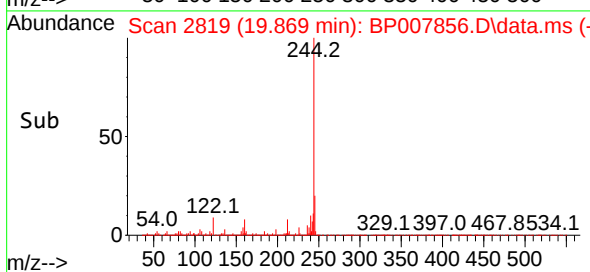
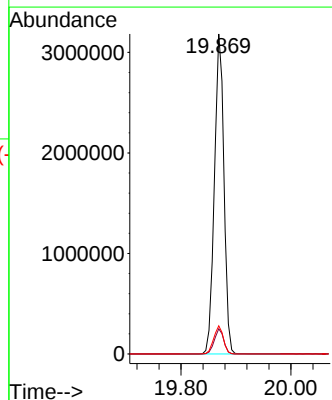
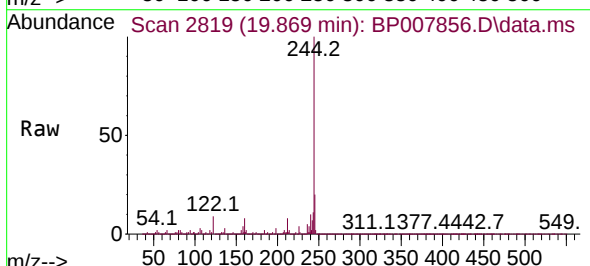
Tgt Ion:244 Resp: 3829178

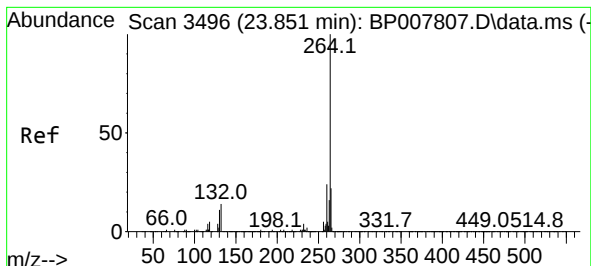
Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

122 8.8 7.8 11.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.827 min Scan# 34

Delta R.T. -0.024 min

Lab File: BP007856.D

Acq: 04 Nov 2021 19:43

Instrument :

BNA_P

ClientSampleId :

VNJ-203

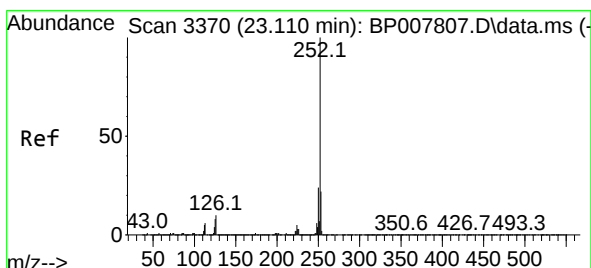
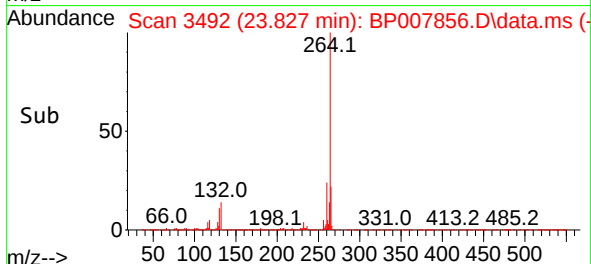
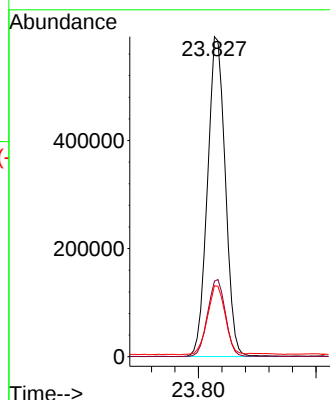
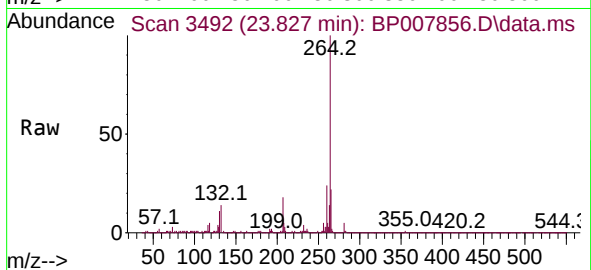
Tgt Ion:264 Resp: 1241337

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 22.2 16.7 25.1



#88

Benzo(b)fluoranthene

Concen: 2.511 ng

RT: 23.092 min Scan# 3367

Delta R.T. -0.018 min

Lab File: BP007856.D

Acq: 04 Nov 2021 19:43

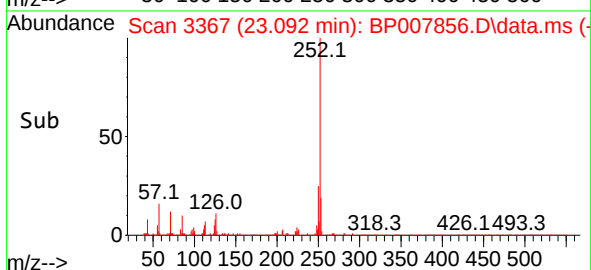
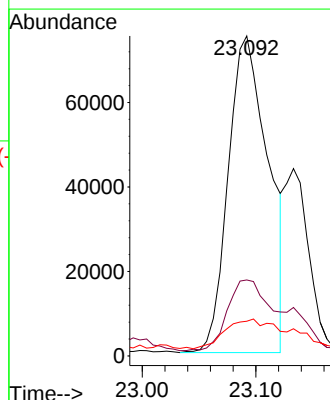
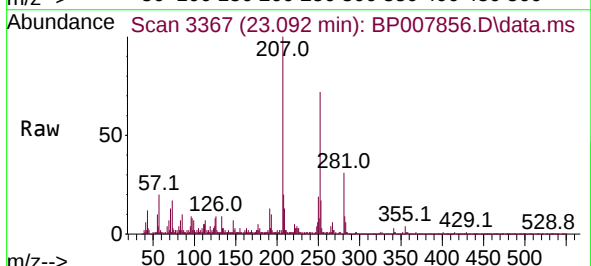
Tgt Ion:252 Resp: 183769

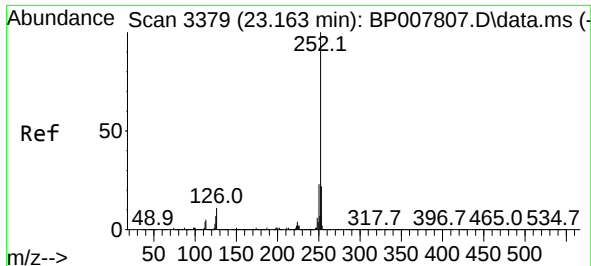
Ion Ratio Lower Upper

252 100

253 23.7 17.4 26.2

125 10.9 7.4 11.0

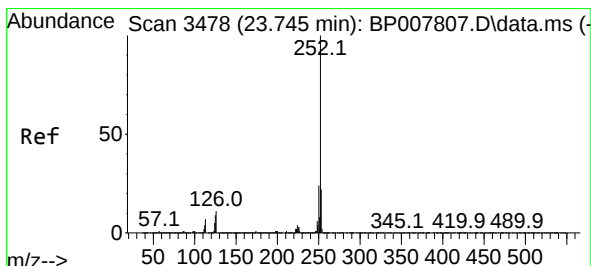
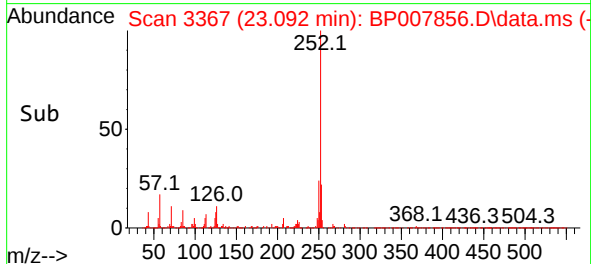
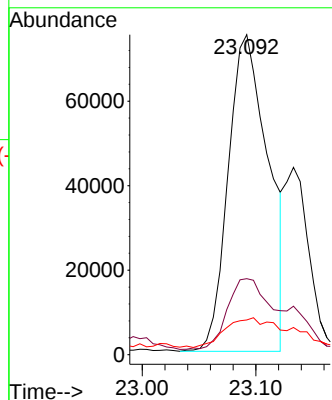
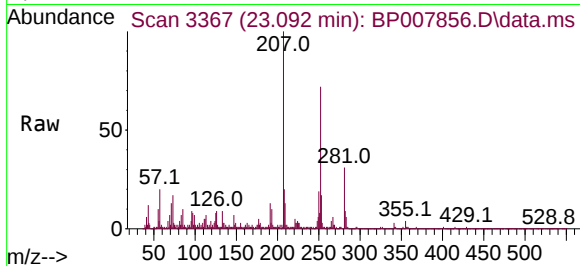




#89
Benzo(k)fluoranthene
Concen: 2.530 ng
RT: 23.092 min Scan# 31
Delta R.T. -0.071 min
Lab File: BP007856.D
Acq: 04 Nov 2021 19:43

Instrument :
BNA_P
ClientSampleId :
VNJ-203

Tgt Ion:252 Resp: 183769
Ion Ratio Lower Upper
252 100
253 23.7 17.6 26.4
125 10.9 7.4 11.0



#90
Benzo(a)pyrene
Concen: 2.099 ng
RT: 23.721 min Scan# 3474
Delta R.T. -0.024 min
Lab File: BP007856.D
Acq: 04 Nov 2021 19:43

Tgt Ion:252 Resp: 132962
Ion Ratio Lower Upper
252 100
253 24.1 17.6 26.4
125 12.8 8.4 12.6#

