

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
 Data File : BP019946.D
 Acq On : 29 Feb 2024 20:13
 Operator : MA/JU
 Sample : P1639-31
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP-8

Quant Time: Mar 01 03:44:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 29 12:18:35 2024
 Response via : Initial Calibration

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

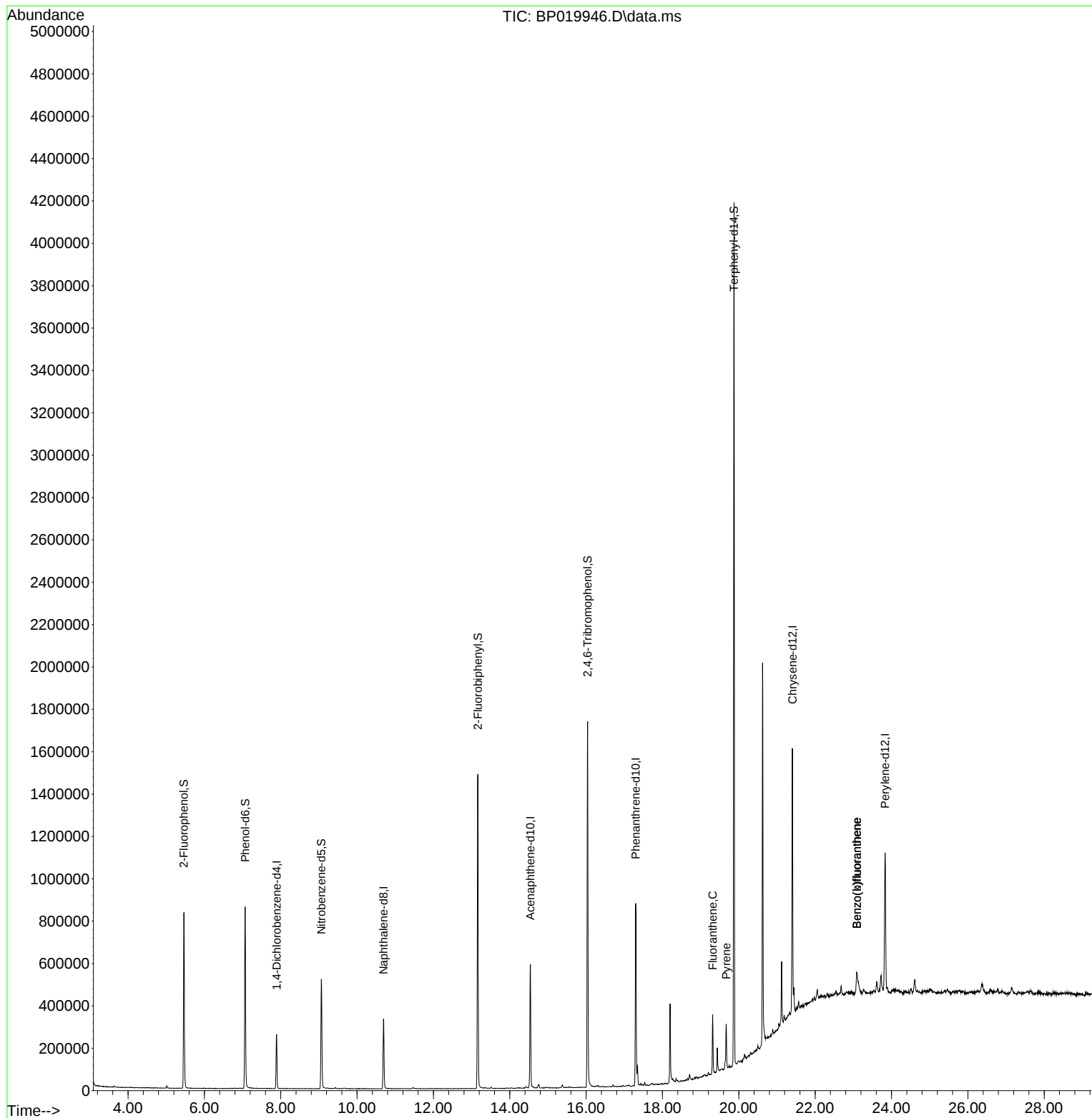
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	70223	20.000	ng	-0.02
21) Naphthalene-d8	10.693	136	281614	20.000	ng	-0.02
39) Acenaphthene-d10	14.540	164	216054	20.000	ng	-0.02
64) Phenanthrene-d10	17.298	188	563322	20.000	ng	-0.02
76) Chrysene-d12	21.404	240	594935	20.000	ng	-0.02
86) Perylene-d12	23.833	264	603316	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	360331	84.223	ng	-0.02
7) Phenol-d6	7.069	99	508534	79.835	ng	-0.02
23) Nitrobenzene-d5	9.063	82	337872	48.436	ng	-0.02
42) 2,4,6-Tribromophenol	16.039	330	376552	101.645	ng	-0.02
45) 2-Fluorobiphenyl	13.163	172	818851	51.207	ng	-0.02
79) Terphenyl-d14	19.875	244	2073866	54.942	ng	-0.02
Target Compounds						
						Qvalue
75) Fluoranthene	19.316	202	158975	4.074	ng	99
78) Pyrene	19.669	202	134872	3.300	ng	99
88) Benzo(b)fluoranthene	23.092	252	96257	2.602	ng	# 92
89) Benzo(k)fluoranthene	23.092	252	96257	2.653	ng	# 91

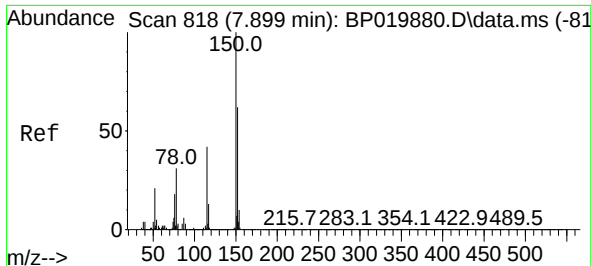
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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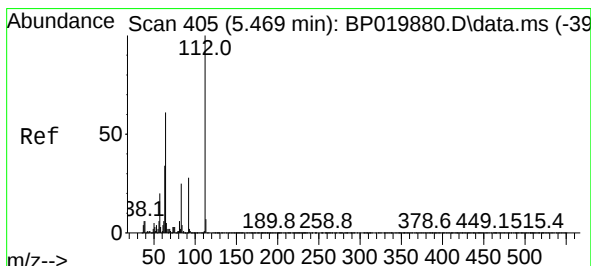
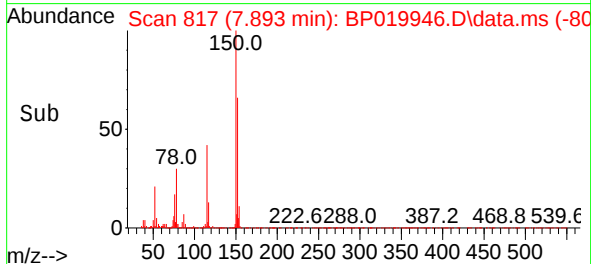
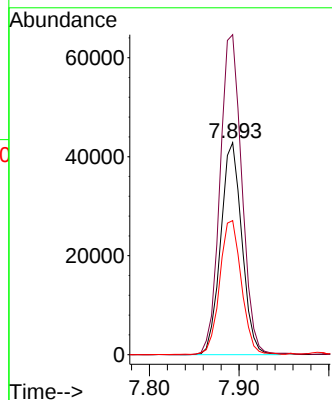
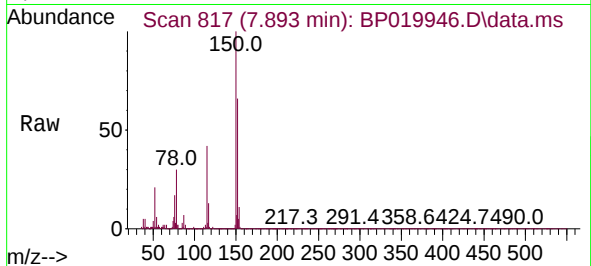




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP019946.D
Acq: 29 Feb 2024 20:13

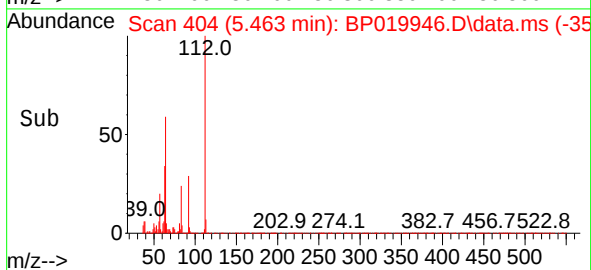
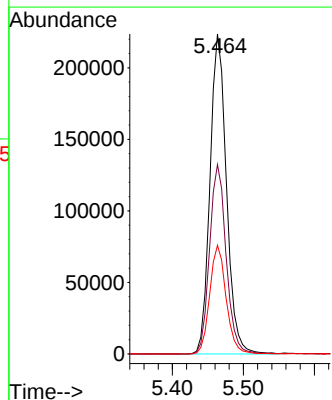
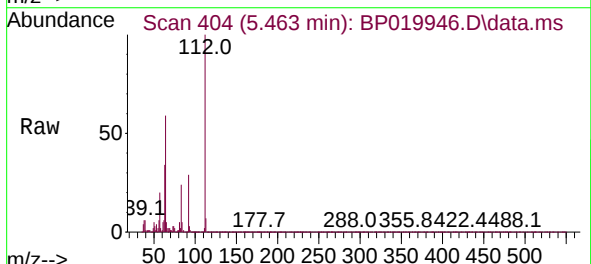
Instrument :
BNA_P
ClientSampleId :
SP-8

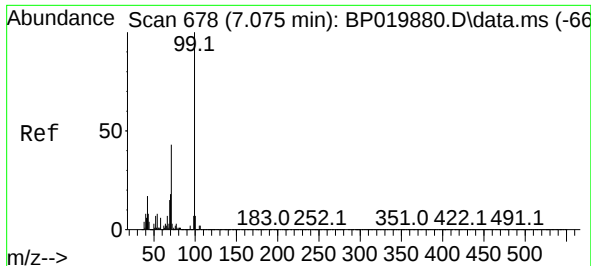
Tgt Ion:152 Resp: 70223
Ion Ratio Lower Upper
152 100
150 151.0 128.6 192.8
115 63.3 53.4 80.2



#5
2-Fluorophenol
Concen: 84.223 ng
RT: 5.463 min Scan# 404
Delta R.T. -0.018 min
Lab File: BP019946.D
Acq: 29 Feb 2024 20:13

Tgt Ion:112 Resp: 360331
Ion Ratio Lower Upper
112 100
64 59.2 49.0 73.6
63 34.0 27.6 41.4





Phenol-d6

Concen: 79.835 ng

RT: 7.069 min Scan# 61

Delta R.T. -0.018 min

Lab File: BP019946.D

Acq: 29 Feb 2024 20:13

Instrument :

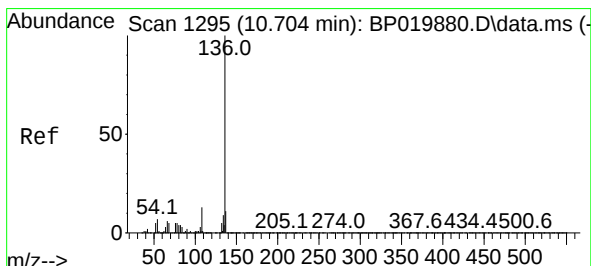
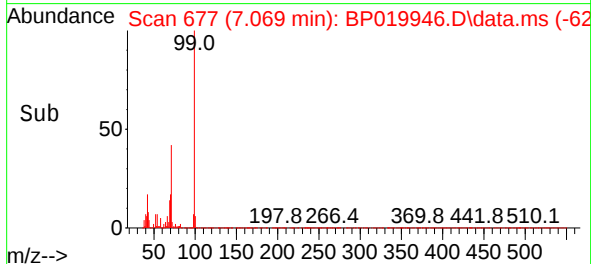
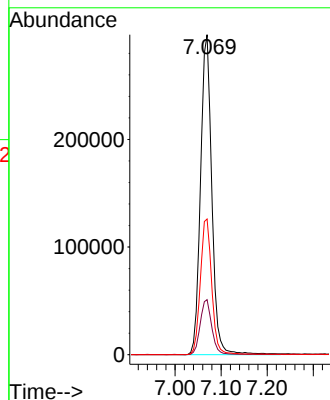
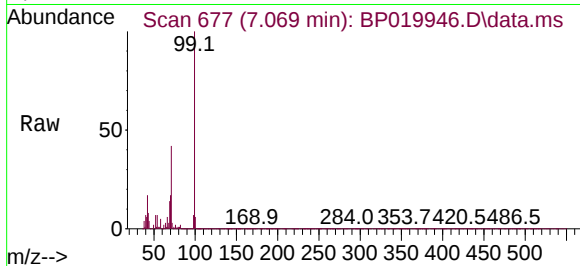
BNA_P

ClientSampleId :

SP-8

Tgt Ion: 99 Resp: 508534

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.8	20.8
71	42.4	34.5	51.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.693 min Scan# 1293

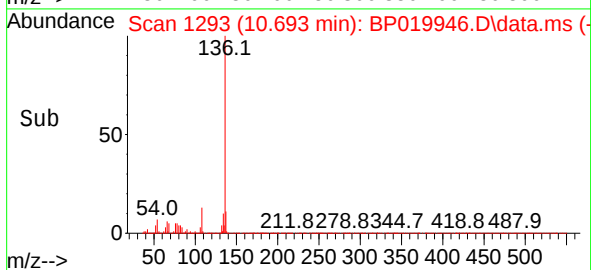
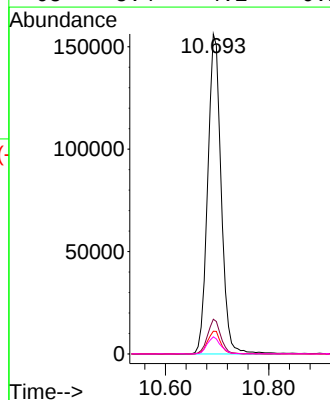
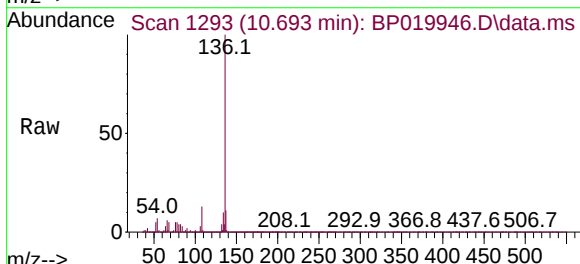
Delta R.T. -0.024 min

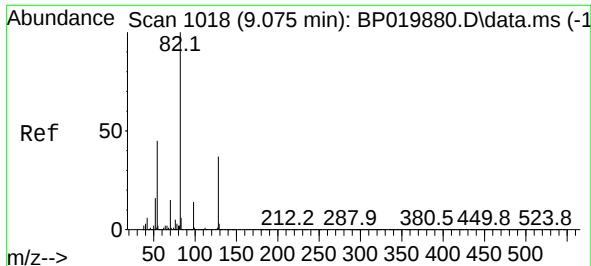
Lab File: BP019946.D

Acq: 29 Feb 2024 20:13

Tgt Ion:136 Resp: 281614

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.1	6.0	9.0
68	5.4	4.2	6.2

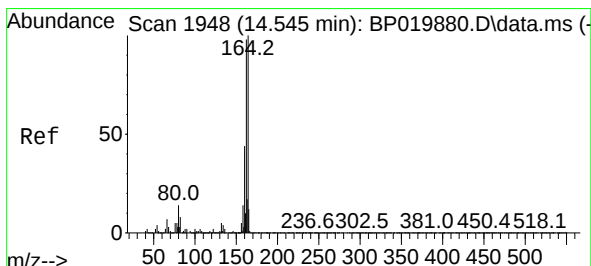
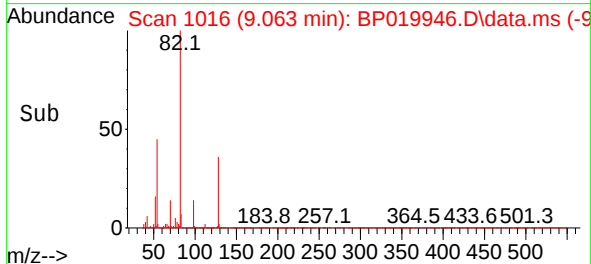
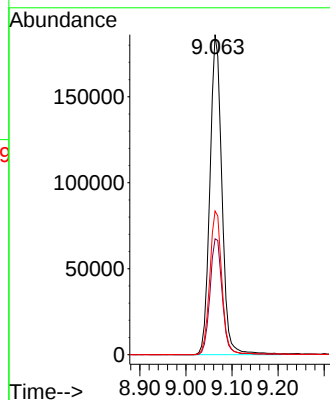
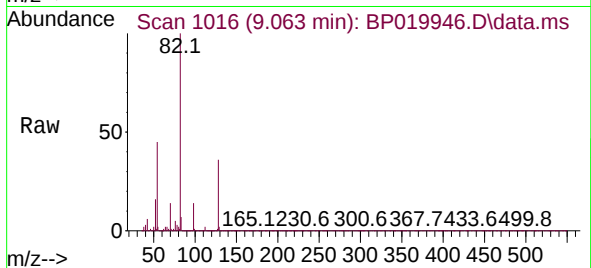




#23
Nitrobenzene-d5
Concen: 48.436 ng
RT: 9.063 min Scan# 1016
Delta R.T. -0.024 min
Lab File: BP019946.D
Acq: 29 Feb 2024 20:13

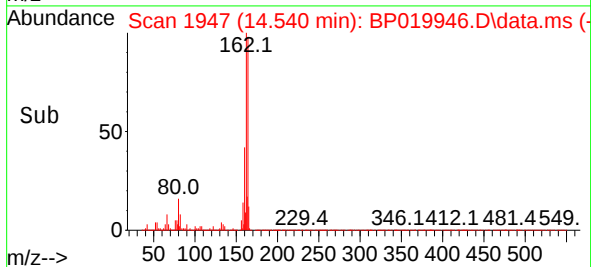
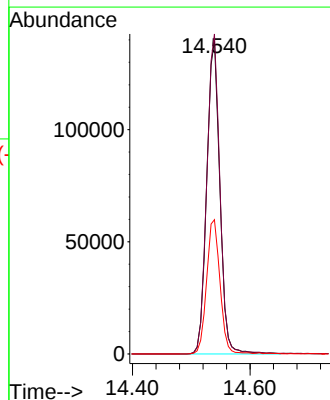
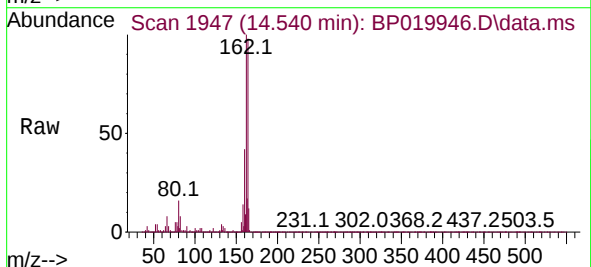
Instrument :
BNA_P
ClientSampleId :
SP-8

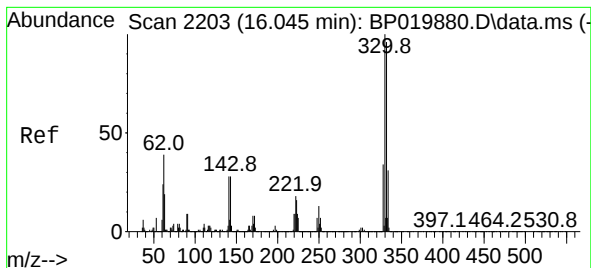
Tgt Ion: 82 Resp: 337872
Ion Ratio Lower Upper
82 100
128 36.2 29.6 44.4
54 44.9 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP019946.D
Acq: 29 Feb 2024 20:13

Tgt Ion: 164 Resp: 216054
Ion Ratio Lower Upper
164 100
162 101.9 78.1 117.1
160 42.8 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 101.645 ng

RT: 16.039 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP019946.D

Acq: 29 Feb 2024 20:13

Instrument :

BNA_P

ClientSampleId :

SP-8

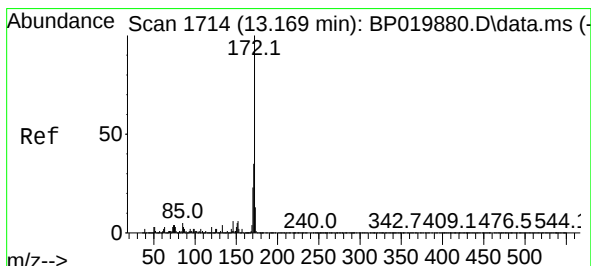
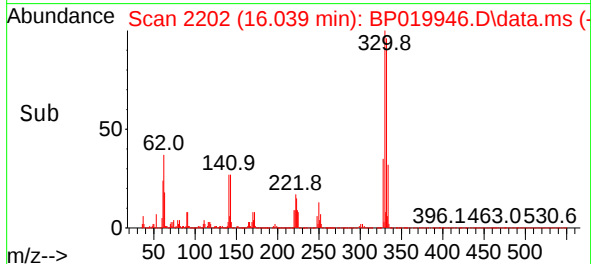
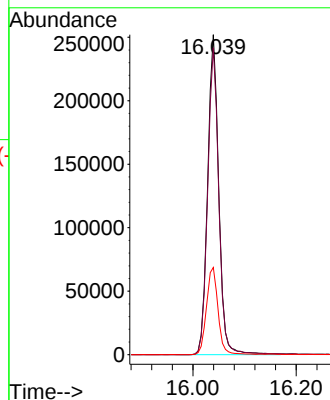
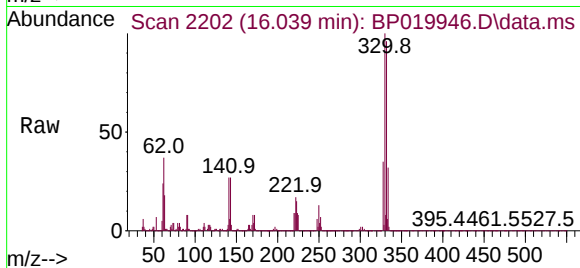
Tgt Ion:330 Resp: 376552

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

141 28.3 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 51.207 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.018 min

Lab File: BP019946.D

Acq: 29 Feb 2024 20:13

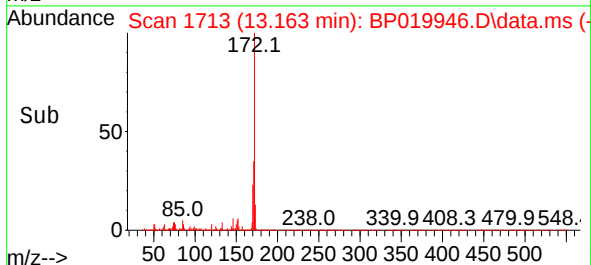
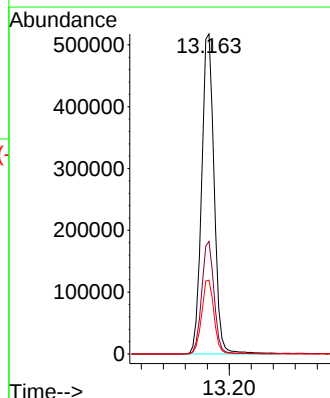
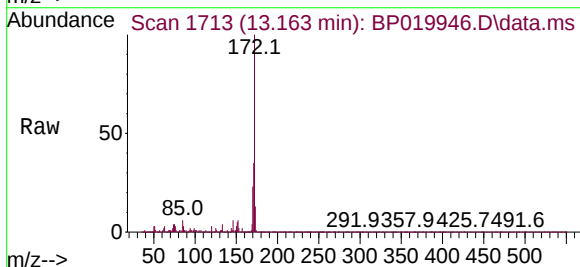
Tgt Ion:172 Resp: 818851

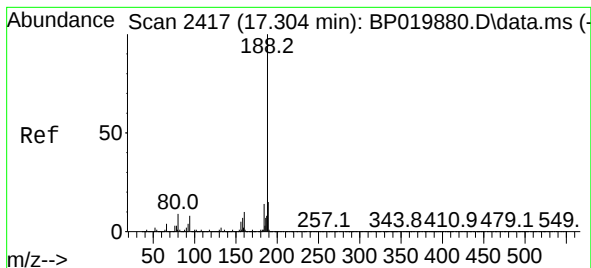
Ion Ratio Lower Upper

172 100

171 35.1 27.8 41.6

170 23.1 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2416

Delta R.T. -0.024 min

Lab File: BP019946.D

Acq: 29 Feb 2024 20:13

Instrument :

BNA_P

ClientSampleId :

SP-8

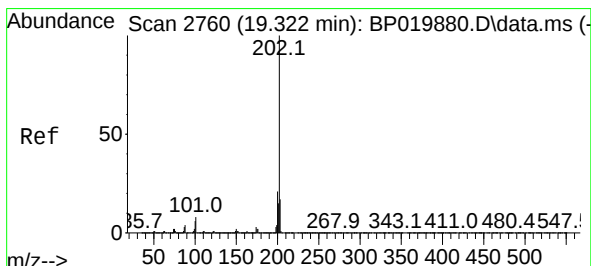
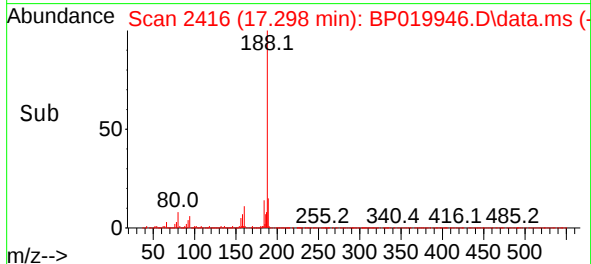
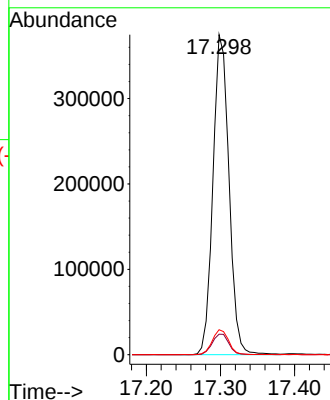
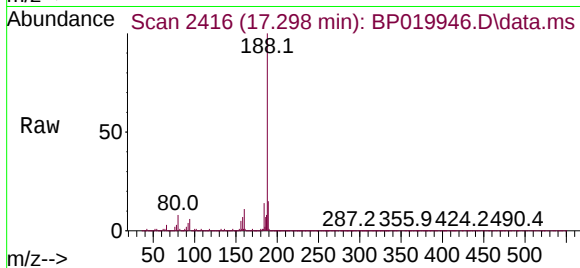
Tgt Ion:188 Resp: 563322

Ion Ratio Lower Upper

188 100

94 6.4 6.2 9.4

80 7.8 7.0 10.4



#75

Fluoranthene

Concen: 4.074 ng

RT: 19.316 min Scan# 2759

Delta R.T. -0.024 min

Lab File: BP019946.D

Acq: 29 Feb 2024 20:13

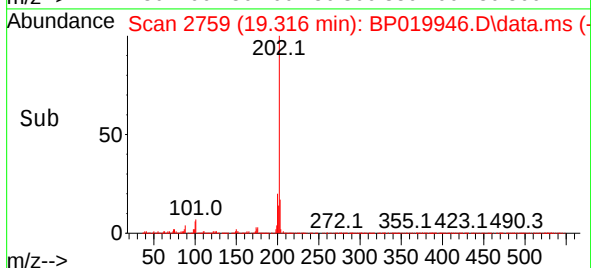
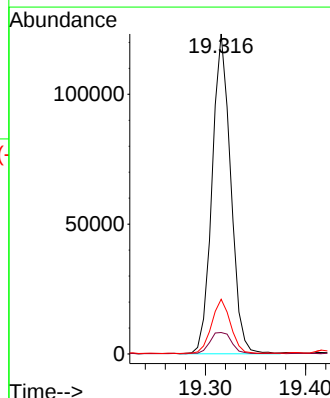
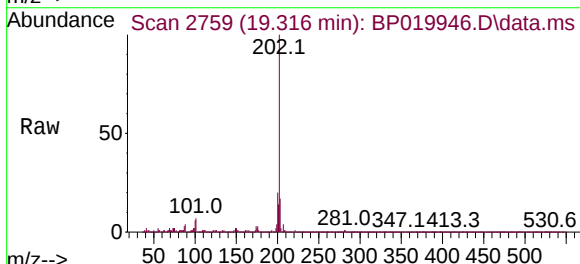
Tgt Ion:202 Resp: 158975

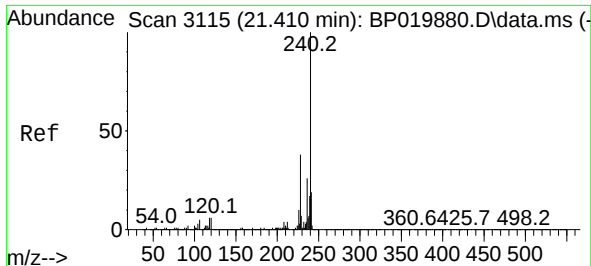
Ion Ratio Lower Upper

202 100

101 6.7 0.0 27.7

203 17.1 0.0 37.5

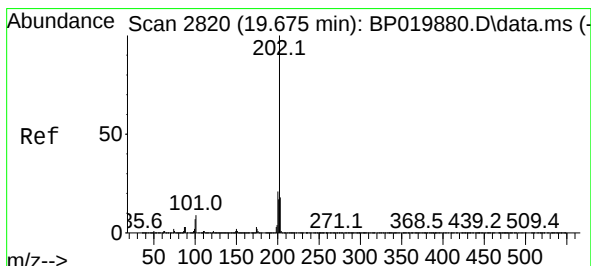
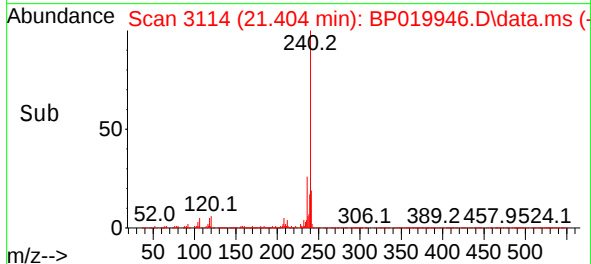
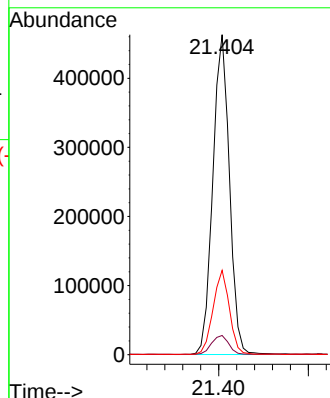
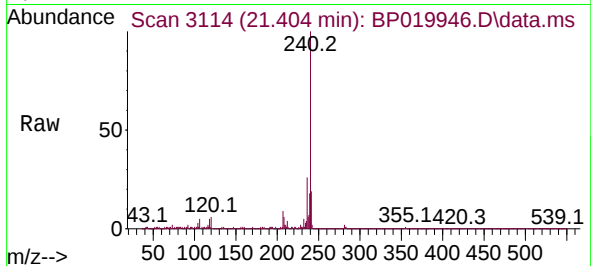




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.404 min Scan# 3115
Delta R.T. -0.024 min
Lab File: BP019946.D
Acq: 29 Feb 2024 20:13

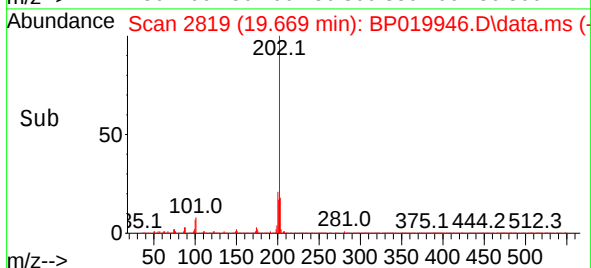
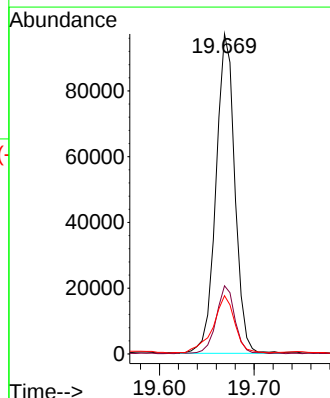
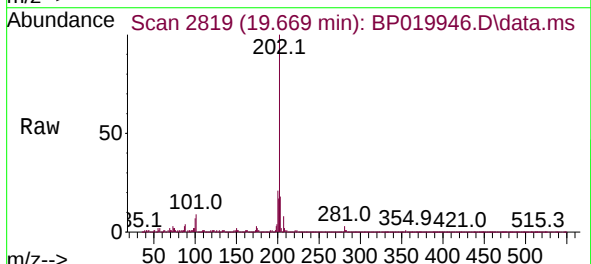
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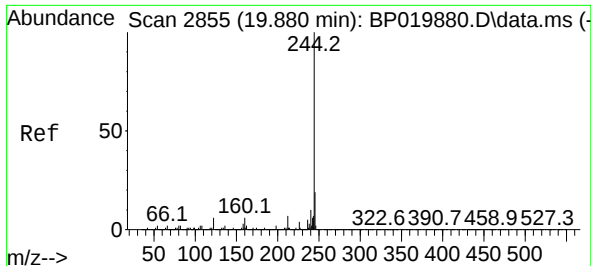
Tgt Ion:240 Resp: 594935
Ion Ratio Lower Upper
240 100
120 6.0 5.1 7.7
236 26.3 20.5 30.7



#78
Pyrene
Concen: 3.300 ng
RT: 19.669 min Scan# 2819
Delta R.T. -0.024 min
Lab File: BP019946.D
Acq: 29 Feb 2024 20:13

Tgt Ion:202 Resp: 134872
Ion Ratio Lower Upper
202 100
200 21.3 16.7 25.1
203 18.2 14.2 21.2

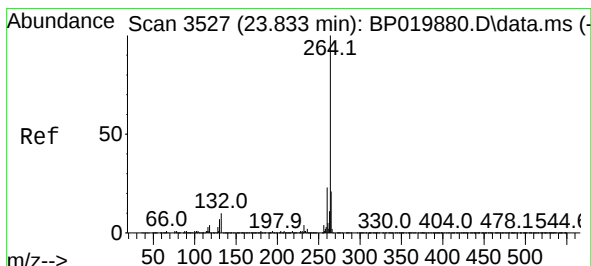
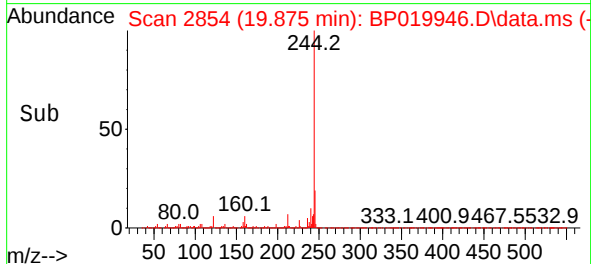
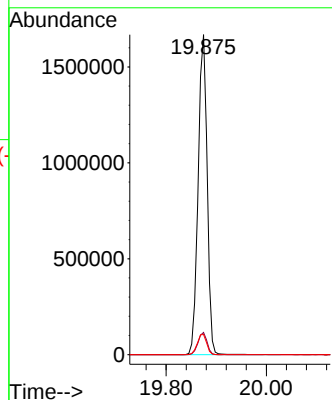
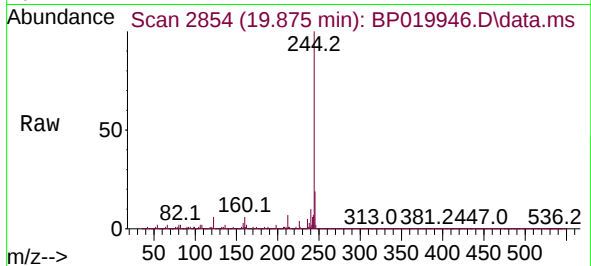




#79
 Terphenyl-d14
 Concen: 54.942 ng
 RT: 19.875 min Scan# 2854
 Delta R.T. -0.018 min
 Lab File: BP019946.D
 Acq: 29 Feb 2024 20:13

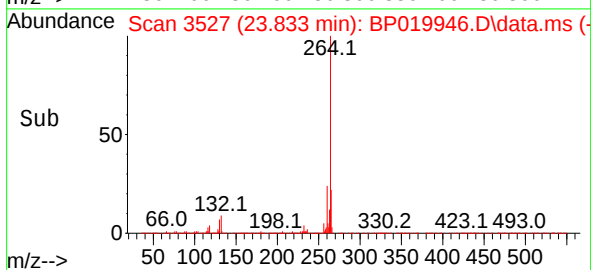
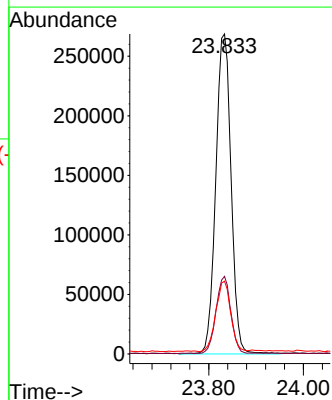
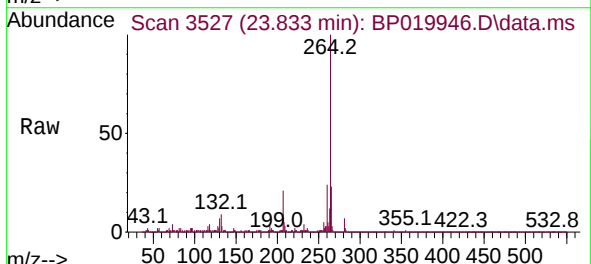
Instrument :
 BNA_P
 ClientSampleId :
 SP-8

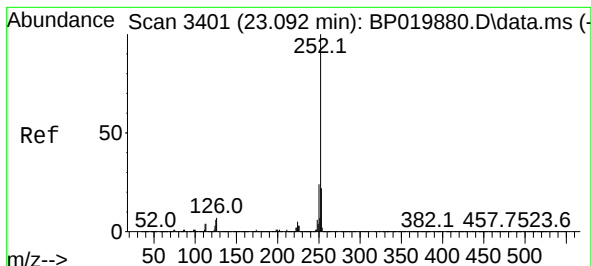
Tgt Ion:244 Resp: 2073866
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 6.3 5.0 7.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.833 min Scan# 3527
 Delta R.T. -0.035 min
 Lab File: BP019946.D
 Acq: 29 Feb 2024 20:13

Tgt Ion:264 Resp: 603316
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.7 28.1
 265 22.7 17.4 26.2





#88

Benzo(b)fluoranthene

Concen: 2.602 ng

RT: 23.092 min Scan# 3401

Delta R.T. -0.029 min

Lab File: BP019946.D

Acq: 29 Feb 2024 20:13

Instrument :

BNA_P

ClientSampleId :

SP-8

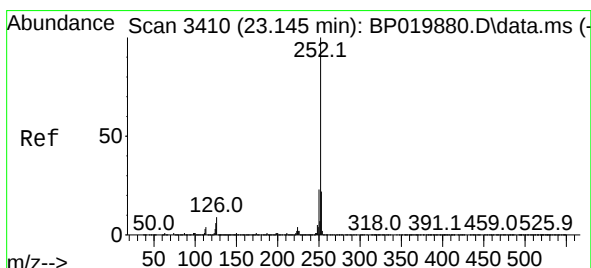
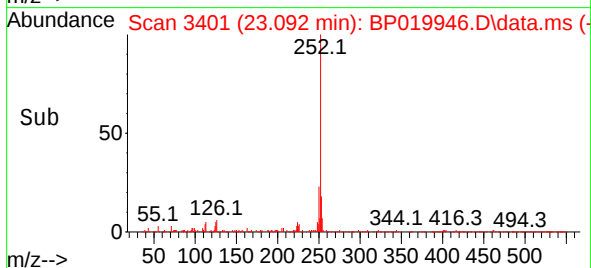
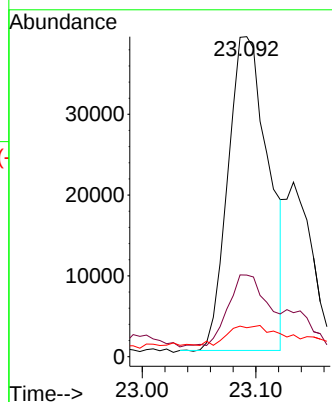
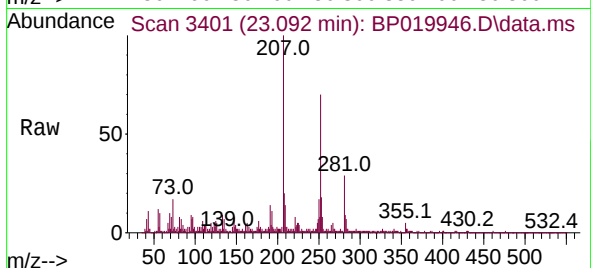
Tgt Ion:252 Resp: 96257

Ion Ratio Lower Upper

252 100

253 25.5 17.6 26.4

125 9.1 4.6 7.0#



#89

Benzo(k)fluoranthene

Concen: 2.653 ng

RT: 23.092 min Scan# 3401

Delta R.T. -0.082 min

Lab File: BP019946.D

Acq: 29 Feb 2024 20:13

Tgt Ion:252 Resp: 96257

Ion Ratio Lower Upper

252 100

253 25.5 17.3 25.9

125 9.1 4.6 6.8#

