

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019942.D
Acq On : 29 Feb 2024 17:58
Operator : MA/JU
Sample : P1620-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-3

Quant Time: Mar 01 03:42:40 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	7.892	152	76788	20.000	ng	-0.02
21) Naphthalene-d8	10.698	136	291692	20.000	ng	-0.02
39) Acenaphthene-d10	14.539	164	207382	20.000	ng	-0.02
64) Phenanthrene-d10	17.304	188	481672	20.000	ng	-0.02
76) Chrysene-d12	21.403	240	482886	20.000	ng	-0.02
86) Perylene-d12	23.833	264	489655	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	326943	69.885	ng	-0.02
7) Phenol-d6	7.069	99	439692	63.126	ng	-0.02
23) Nitrobenzene-d5	9.069	82	308529	42.702	ng	-0.02
42) 2,4,6-Tribromophenol	16.039	330	263350	74.060	ng	-0.02
45) 2-Fluorobiphenyl	13.163	172	723521	47.138	ng	-0.02
79) Terphenyl-d14	19.874	244	1419108	46.320	ng	-0.02

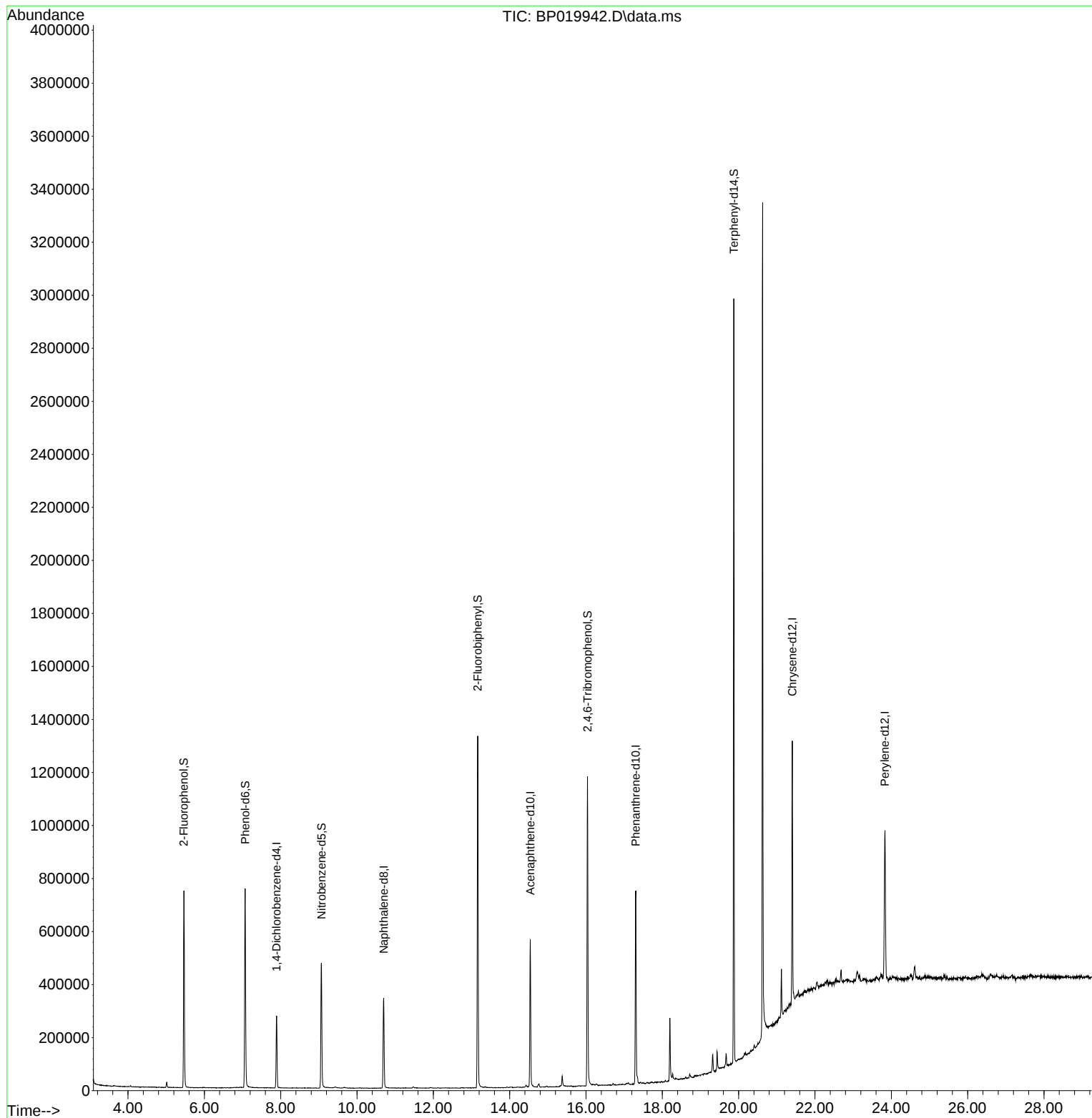
Target Compounds	Qvalue

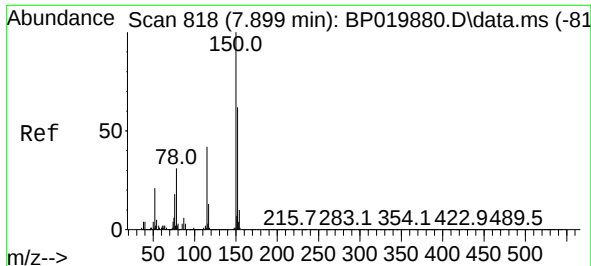
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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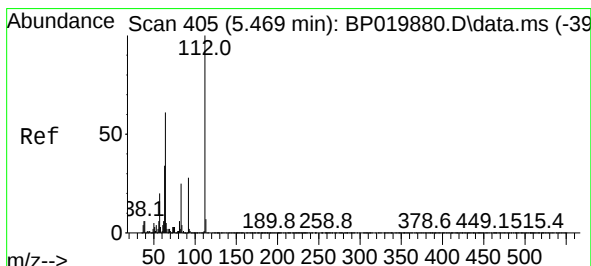
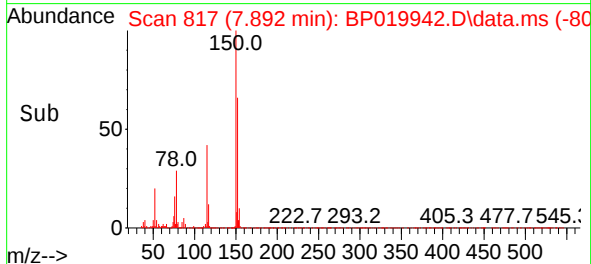
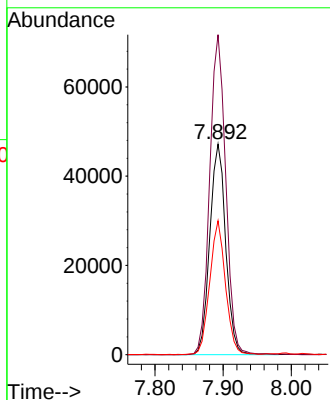
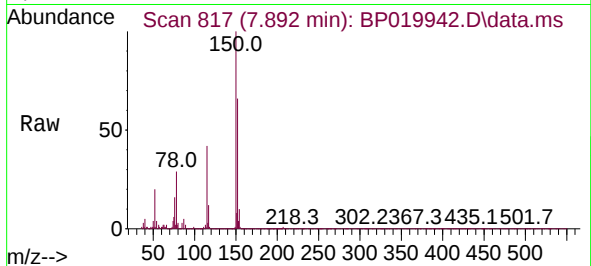




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.892 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP019942.D
Acq: 29 Feb 2024 17:58

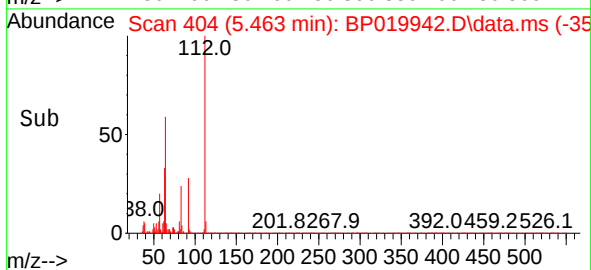
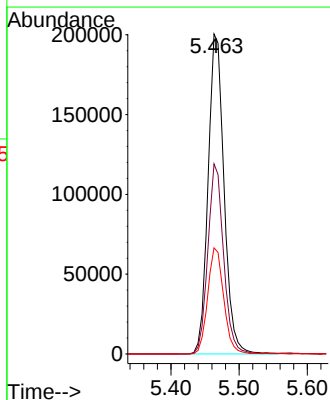
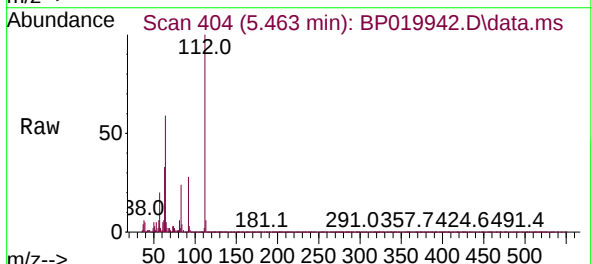
Instrument :
BNA_P
ClientSampleId :
SP-3

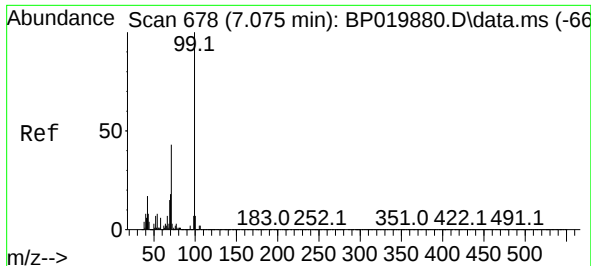
Tgt Ion:152 Resp: 76788
Ion Ratio Lower Upper
152 100
150 152.0 128.6 192.8
115 63.6 53.4 80.2



#5
2-Fluorophenol
Concen: 69.885 ng
RT: 5.463 min Scan# 404
Delta R.T. -0.018 min
Lab File: BP019942.D
Acq: 29 Feb 2024 17:58

Tgt Ion:112 Resp: 326943
Ion Ratio Lower Upper
112 100
64 59.4 49.0 73.6
63 33.1 27.6 41.4

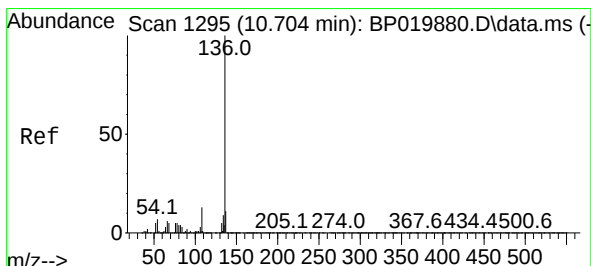
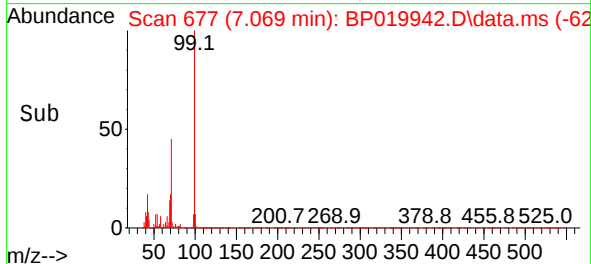
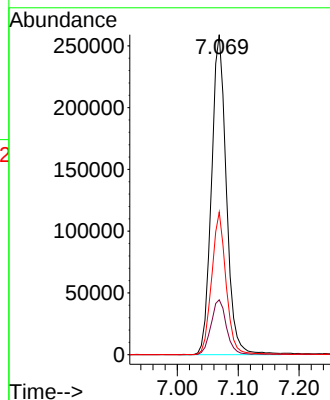
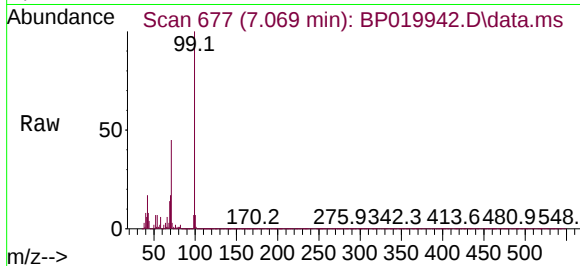




#7
Phenol-d6
Concen: 63.126 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP019942.D
Acq: 29 Feb 2024 17:58

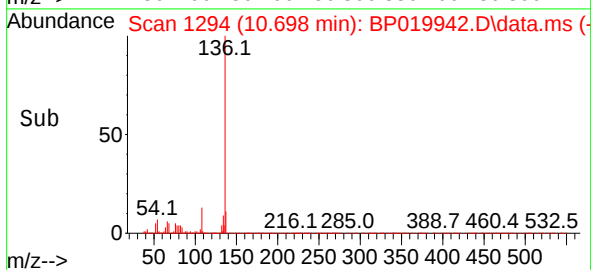
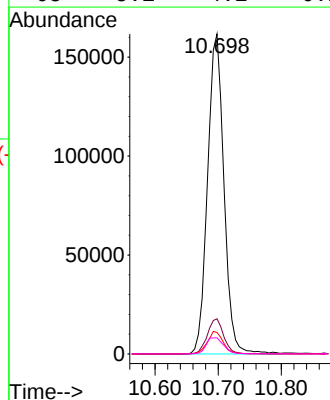
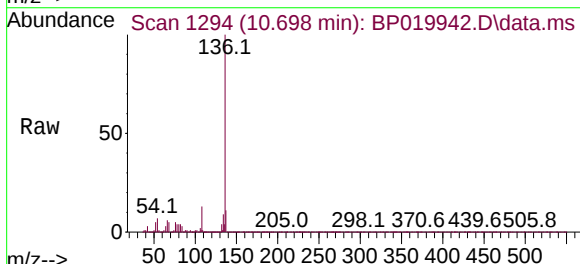
Instrument :
BNA_P
ClientSampleId :
SP-3

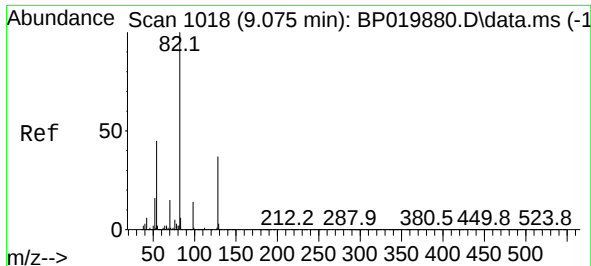
Tgt Ion: 99 Resp: 439692
Ion Ratio Lower Upper
99 100
42 17.2 13.8 20.8
71 44.6 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.698 min Scan# 1294
Delta R.T. -0.018 min
Lab File: BP019942.D
Acq: 29 Feb 2024 17:58

Tgt Ion:136 Resp: 291692
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 6.7 6.0 9.0
68 5.1 4.2 6.2





#23

Nitrobenzene-d5

Concen: 42.702 ng

RT: 9.069 min Scan# 1018

Delta R.T. -0.018 min

Lab File: BP019942.D

Acq: 29 Feb 2024 17:58

Instrument :

BNA_P

ClientSampleId :

SP-3

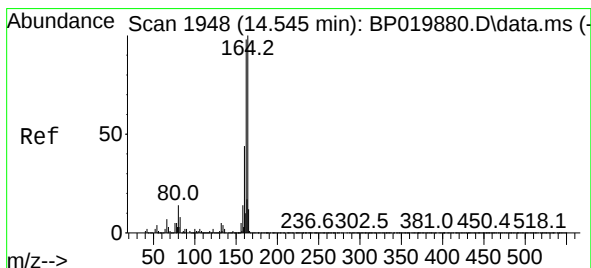
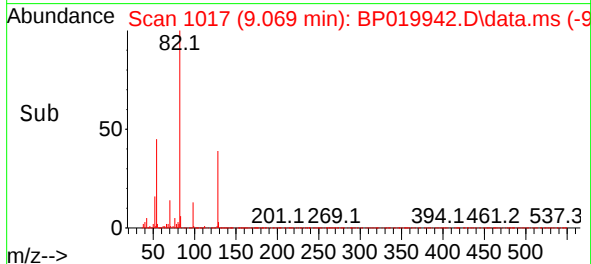
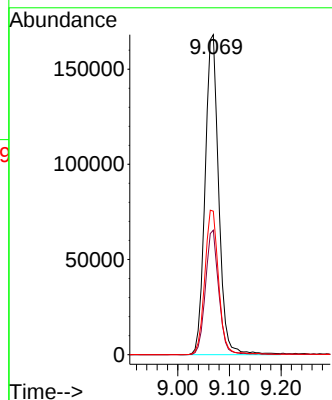
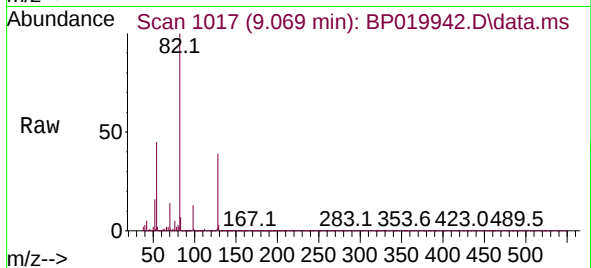
Tgt Ion: 82 Resp: 308529

Ion Ratio Lower Upper

82 100

128 38.9 29.6 44.4

54 44.9 36.3 54.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.539 min Scan# 1947

Delta R.T. -0.018 min

Lab File: BP019942.D

Acq: 29 Feb 2024 17:58

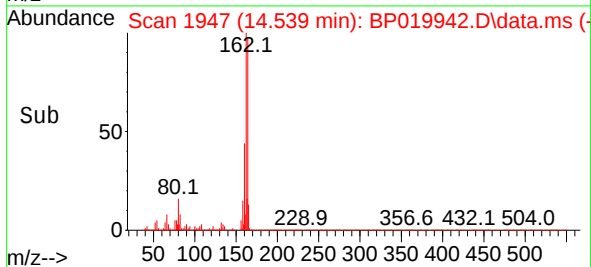
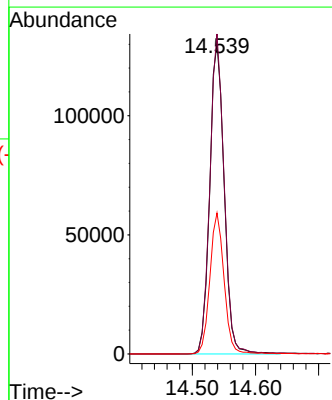
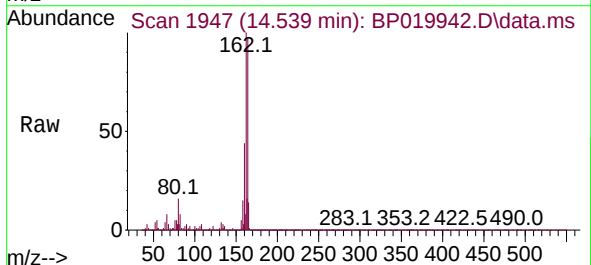
Tgt Ion:164 Resp: 207382

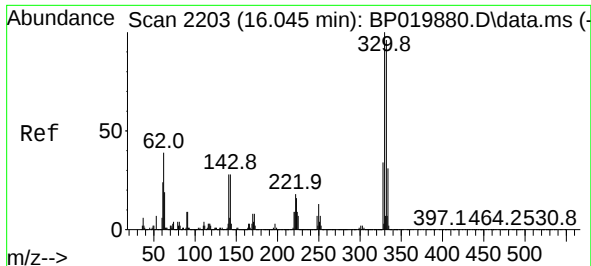
Ion Ratio Lower Upper

164 100

162 103.2 78.1 117.1

160 45.4 35.3 52.9

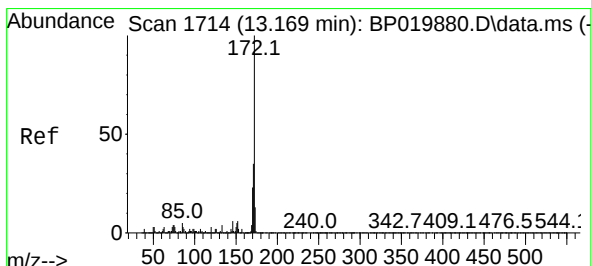
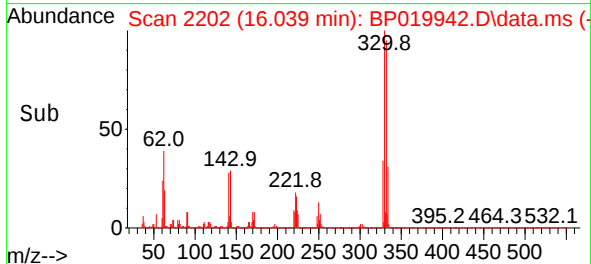
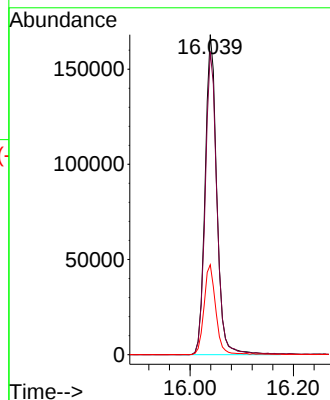
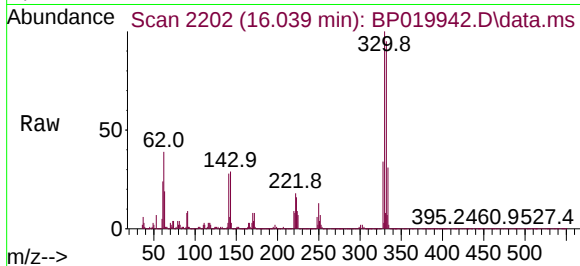




#42
 2,4,6-Tribromophenol
 Concen: 74.060 ng
 RT: 16.039 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BP019942.D
 Acq: 29 Feb 2024 17:58

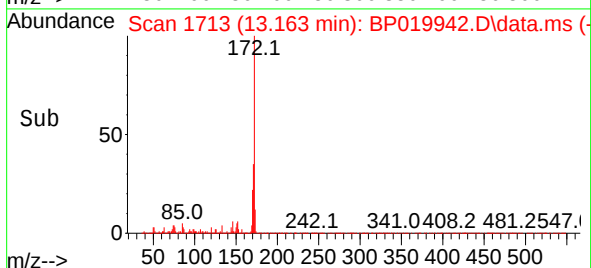
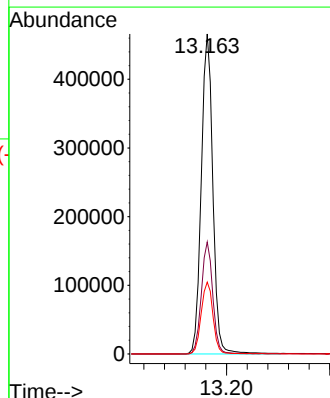
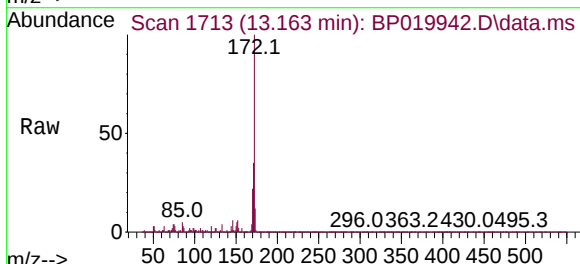
Instrument :
 BNA_P
 ClientSampleId :
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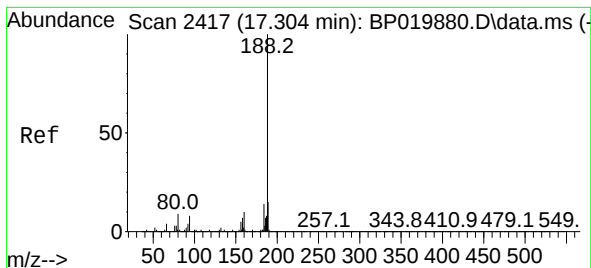
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.4	116.2
141	28.5	24.6	37.0



#45
 2-Fluorobiphenyl
 Concen: 47.138 ng
 RT: 13.163 min Scan# 1713
 Delta R.T. -0.018 min
 Lab File: BP019942.D
 Acq: 29 Feb 2024 17:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.6
170	22.5	18.4	27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 2417

Delta R.T. -0.018 min

Lab File: BP019942.D

Acq: 29 Feb 2024 17:58

Instrument :

BNA_P

ClientSampleId :

SP-3

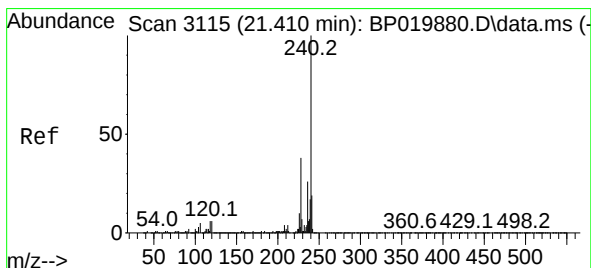
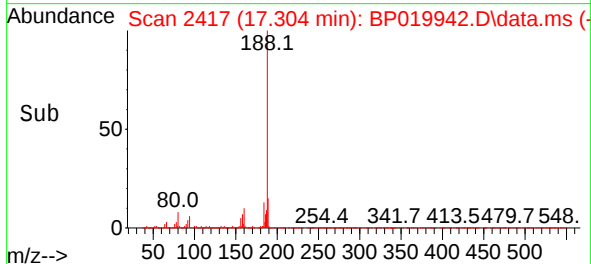
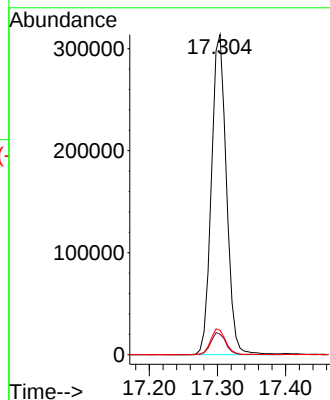
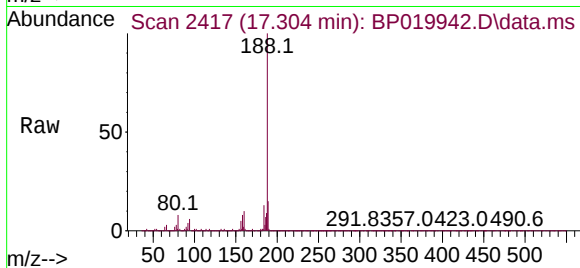
Tgt Ion:188 Resp: 481672

Ion Ratio Lower Upper

188 100

94 6.4 6.2 9.4

80 7.6 7.0 10.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.403 min Scan# 3114

Delta R.T. -0.024 min

Lab File: BP019942.D

Acq: 29 Feb 2024 17:58

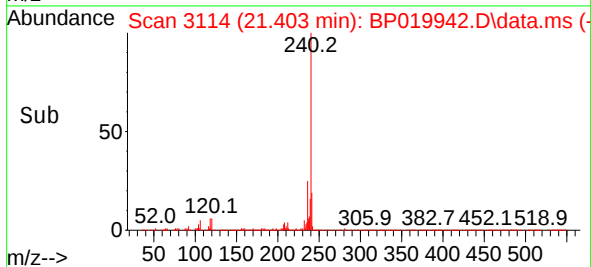
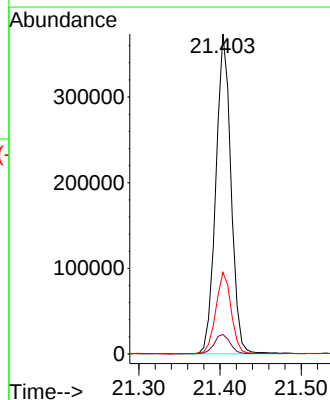
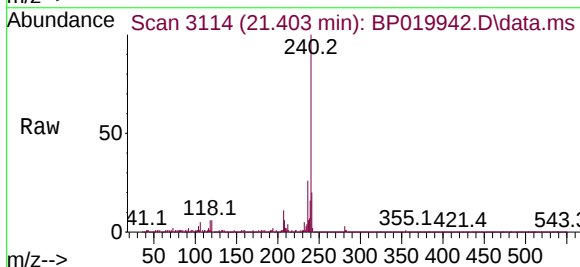
Tgt Ion:240 Resp: 482886

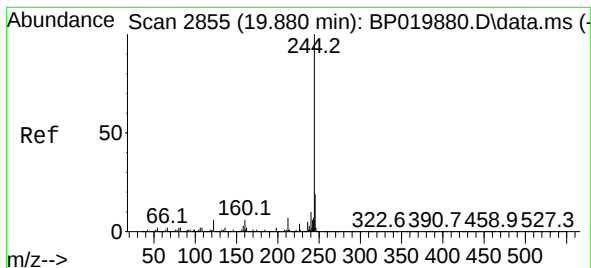
Ion Ratio Lower Upper

240 100

120 6.1 5.1 7.7

236 25.5 20.5 30.7





#79

Terphenyl-d14

Concen: 46.320 ng

RT: 19.874 min Scan# 2855

Delta R.T. -0.018 min

Lab File: BP019942.D

Acq: 29 Feb 2024 17:58

Instrument :

BNA_P

ClientSampleId :

SP-3

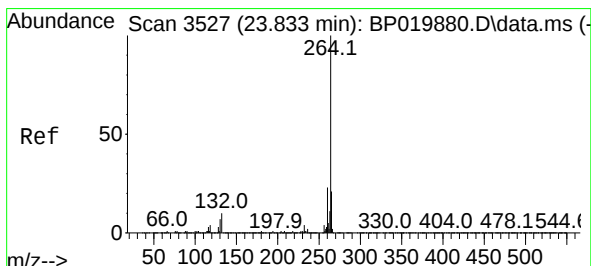
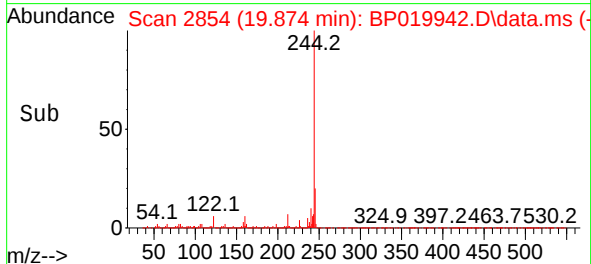
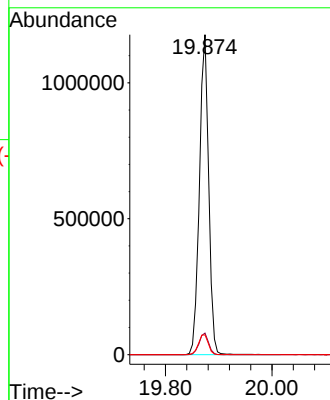
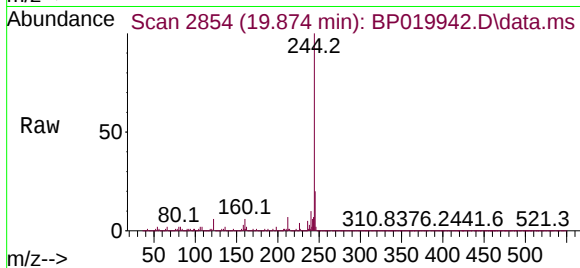
Tgt Ion:244 Resp: 1419108

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

122 6.2 5.0 7.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.833 min Scan# 3527

Delta R.T. -0.036 min

Lab File: BP019942.D

Acq: 29 Feb 2024 17:58

Tgt Ion:264 Resp: 489655

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 23.5 17.4 26.2

