

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
 Data File : BP019937.D
 Acq On : 29 Feb 2024 15:09
 Operator : MA/JU
 Sample : P1544-01DL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ218DL

Quant Time: Feb 29 15:47:05 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)

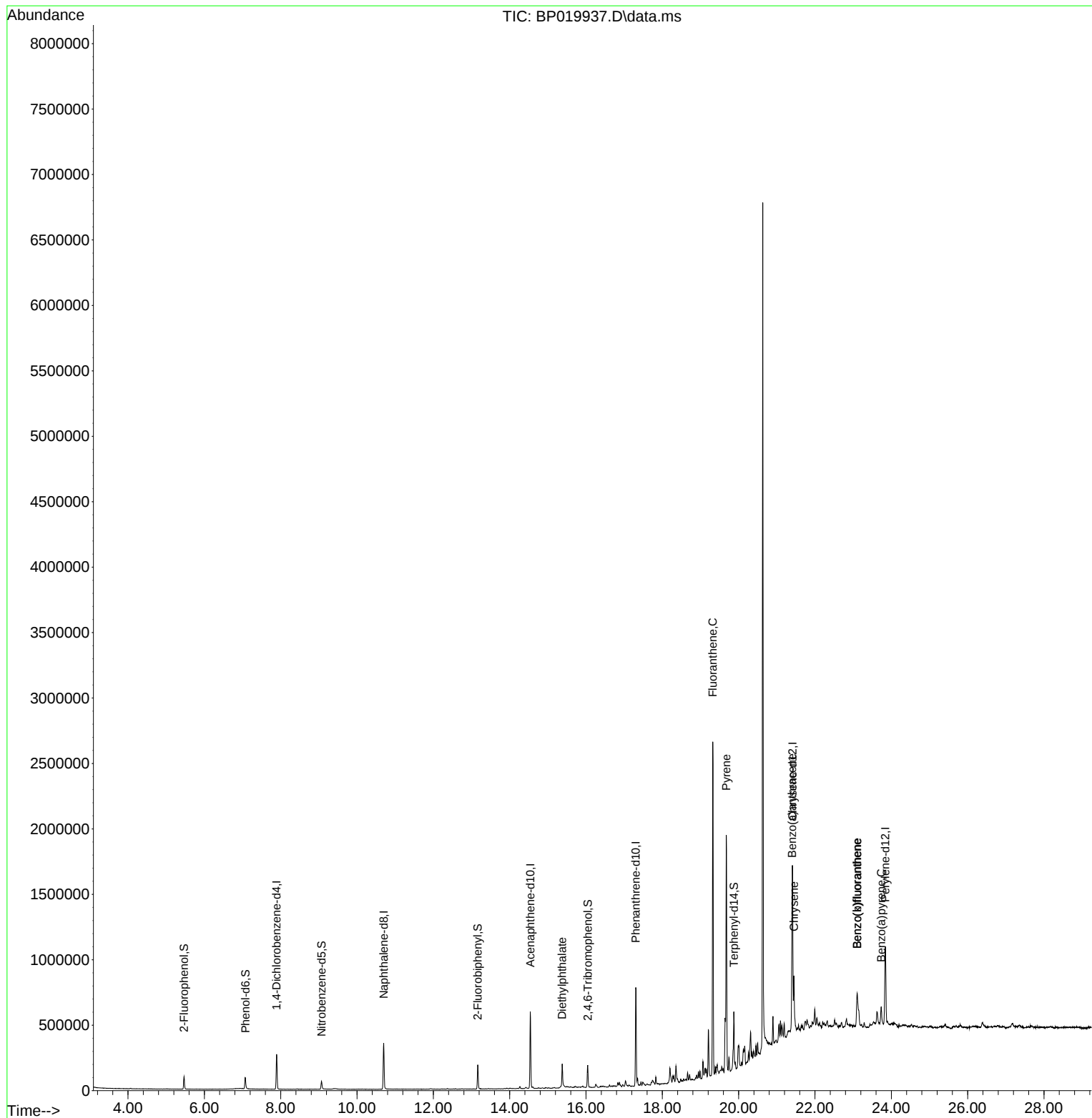
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	74567	20.000	ng	-0.02
21) Naphthalene-d8	10.698	136	288934	20.000	ng	-0.02
39) Acenaphthene-d10	14.539	164	213181	20.000	ng	-0.02
64) Phenanthrene-d10	17.304	188	500562	20.000	ng	-0.02
76) Chrysene-d12	21.410	240	515791	20.000	ng	-0.02
86) Perylene-d12	23.845	264	536009	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	42747	9.409	ng	-0.01
7) Phenol-d6	7.075	99	56496	8.353	ng	-0.01
23) Nitrobenzene-d5	9.069	82	42088	5.881	ng	-0.02
42) 2,4,6-Tribromophenol	16.045	330	37431	10.240	ng	-0.02
45) 2-Fluorobiphenyl	13.163	172	103075	6.533	ng	-0.02
79) Terphenyl-d14	19.874	244	211187	6.453	ng	-0.02
Target Compounds						
						Qvalue
60) Diethylphthalate	15.375	149	159589	9.282	ng	98
75) Fluoranthene	19.321	202	1547107	44.618	ng	100
78) Pyrene	19.674	202	1182029	33.355	ng	99
81) Benzo(a)anthracene	21.398	228	414291	11.315	ng	99
83) Chrysene	21.451	228	235403	6.862	ng	97
88) Benzo(b)fluoranthene	23.104	252	237658	7.232	ng	# 97
89) Benzo(k)fluoranthene	23.104	252	237658	7.374	ng	# 96
90) Benzo(a)pyrene	23.733	252	116610	3.713	ng	# 95

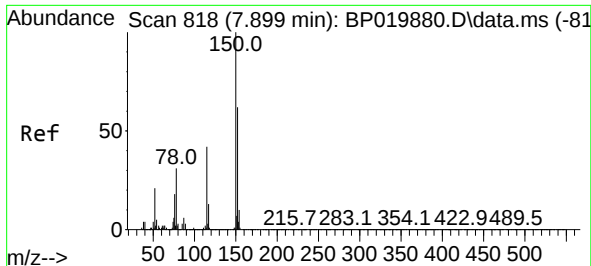
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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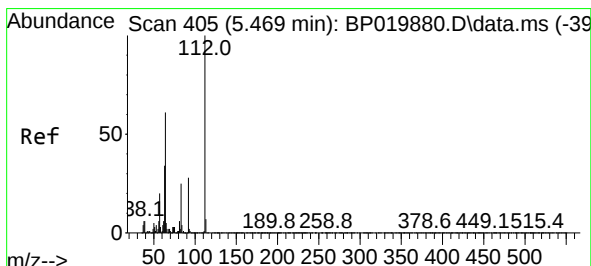
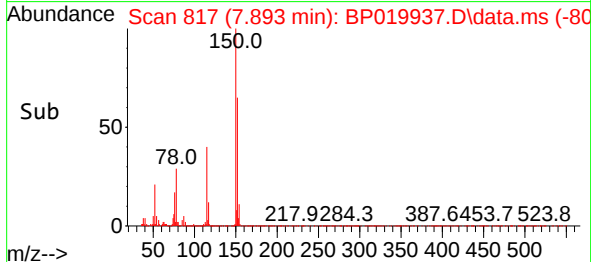
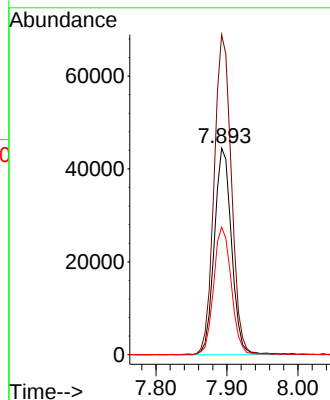
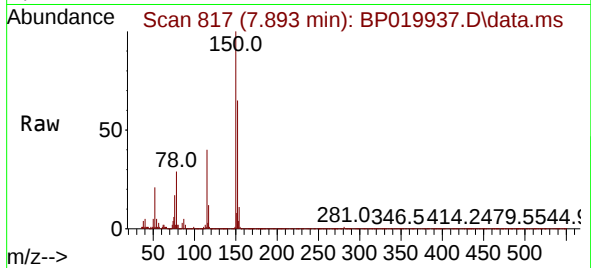




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 818
Delta R.T. -0.017 min
Lab File: BP019937.D
Acq: 29 Feb 2024 15:09

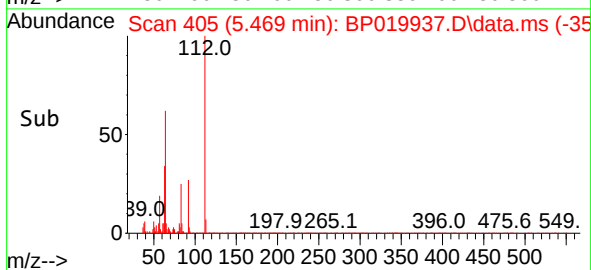
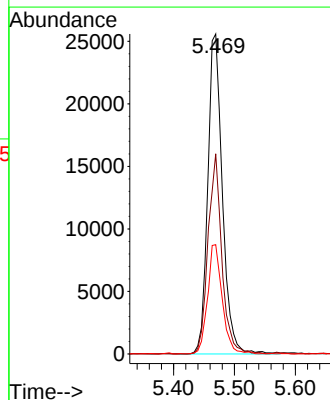
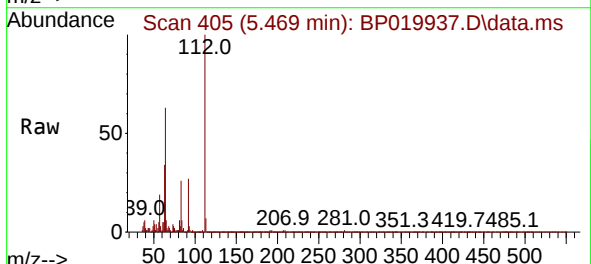
Instrument :
BNA_P
ClientSampleId :
VNJ218DL

Tgt Ion:152 Resp: 74567
Ion Ratio Lower Upper
152 100
150 154.9 128.6 192.8
115 61.7 53.4 80.2



#5
2-Fluorophenol
Concen: 9.409 ng
RT: 5.469 min Scan# 405
Delta R.T. -0.012 min
Lab File: BP019937.D
Acq: 29 Feb 2024 15:09

Tgt Ion:112 Resp: 42747
Ion Ratio Lower Upper
112 100
64 62.5 49.0 73.6
63 34.2 27.6 41.4

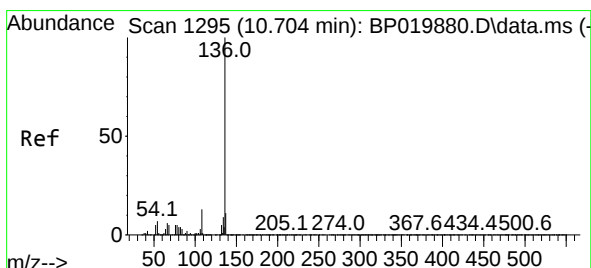
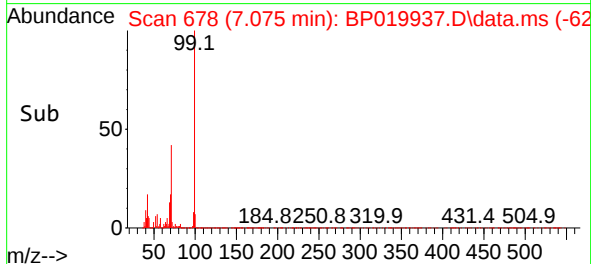
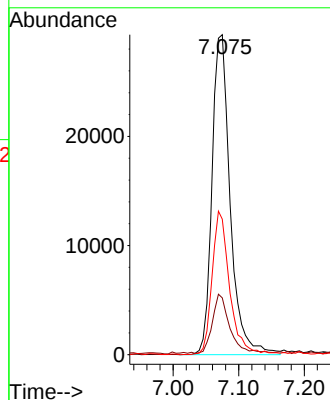
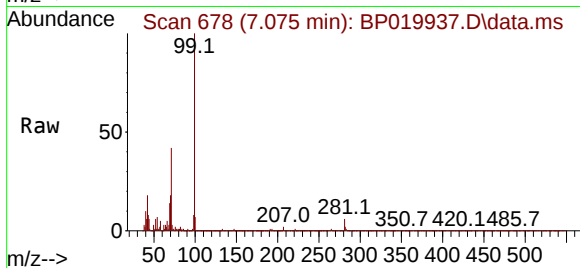




#7
Phenol-d6
Concen: 8.353 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP019937.D
Acq: 29 Feb 2024 15:09

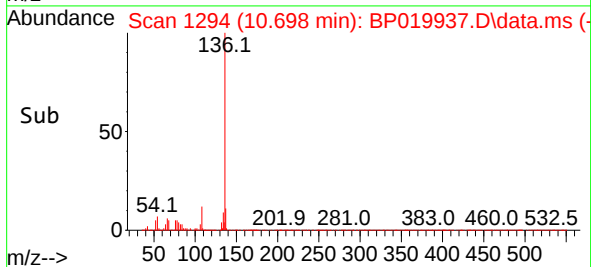
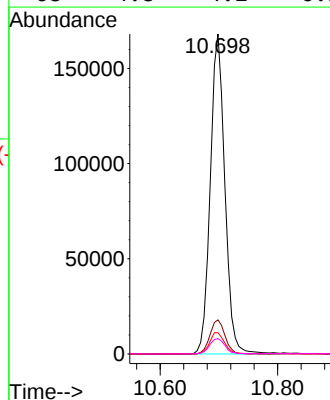
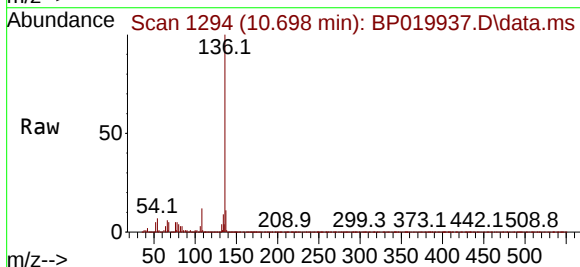
Instrument :
BNA_P
ClientSampleId :
VNJ218DL

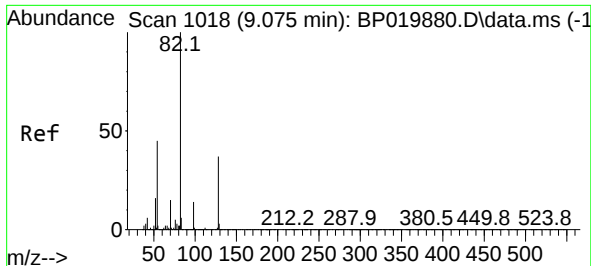
Tgt Ion:	99	Resp:	56496
Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.8	20.8
71	42.3	34.5	51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.698 min Scan# 1294
Delta R.T. -0.018 min
Lab File: BP019937.D
Acq: 29 Feb 2024 15:09

Tgt Ion:	136	Resp:	288934
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.7	6.0	9.0
68	4.8	4.2	6.2

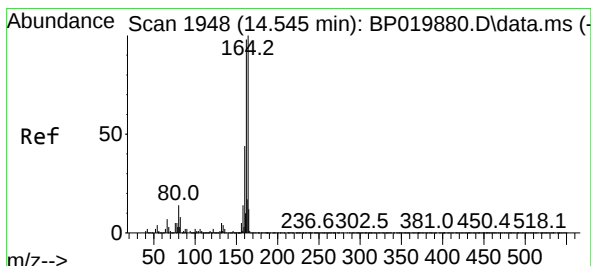
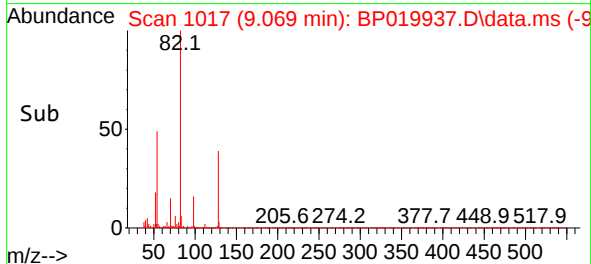
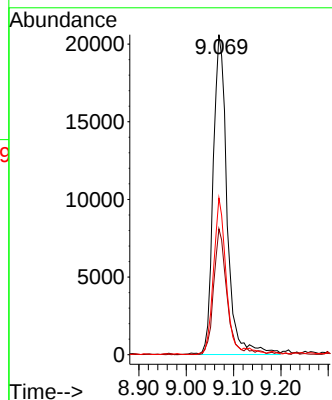
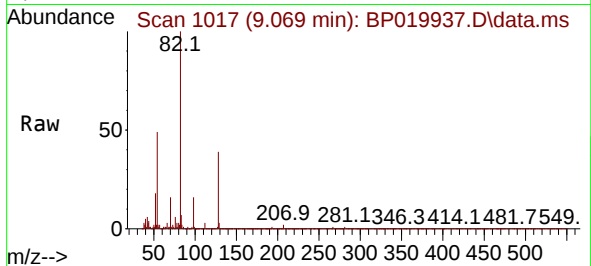




#23
Nitrobenzene-d5
Concen: 5.881 ng
RT: 9.069 min Scan# 1018
Delta R.T. -0.018 min
Lab File: BP019937.D
Acq: 29 Feb 2024 15:09

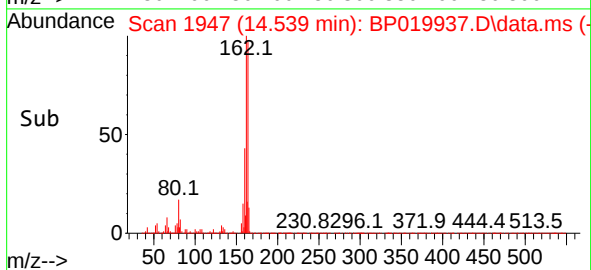
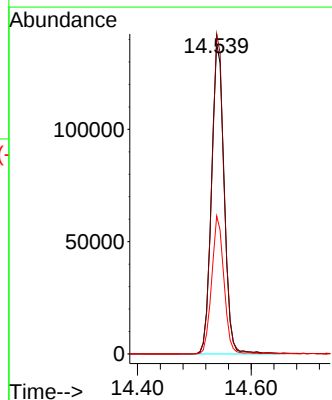
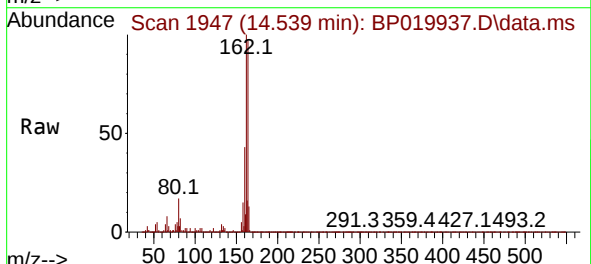
Instrument :
BNA_P
ClientSampleId :
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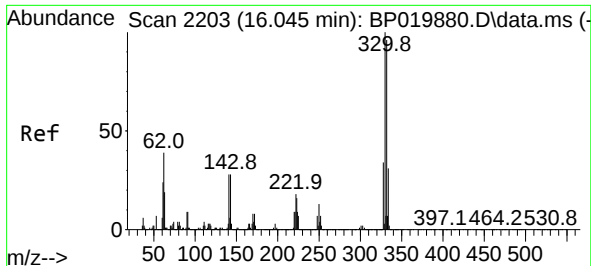
Tgt Ion:	82	Resp:	42088
Ion	Ratio	Lower	Upper
82	100		
128	39.3	29.6	44.4
54	49.0	36.3	54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP019937.D
Acq: 29 Feb 2024 15:09

Tgt Ion:	164	Resp:	213181
Ion	Ratio	Lower	Upper
164	100		
162	103.0	78.1	117.1
160	44.4	35.3	52.9

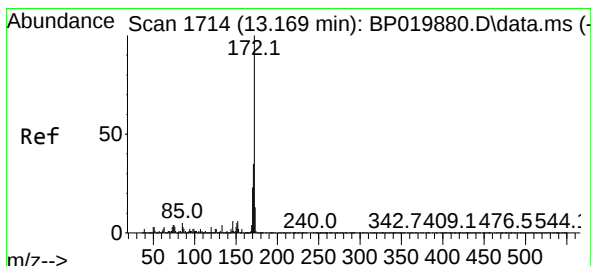
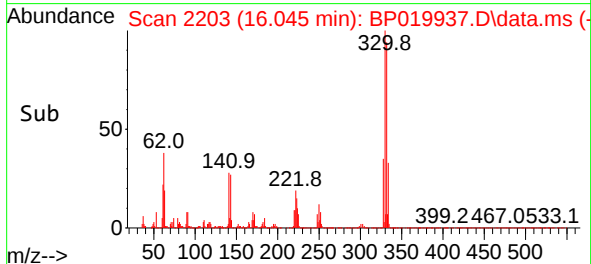
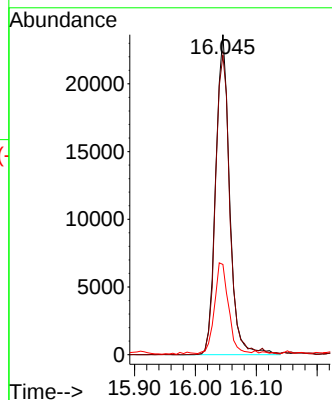
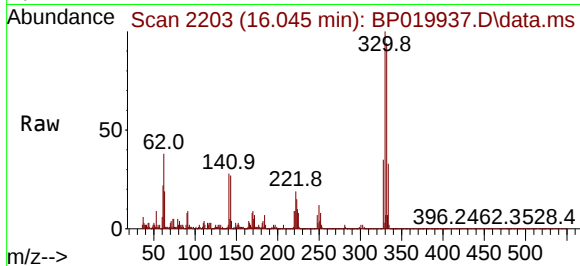




#42
2,4,6-Tribromophenol
Concen: 10.240 ng
RT: 16.045 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP019937.D
Acq: 29 Feb 2024 15:09

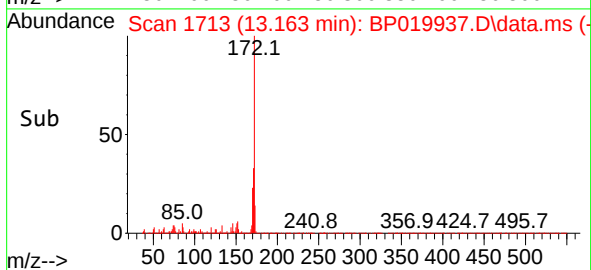
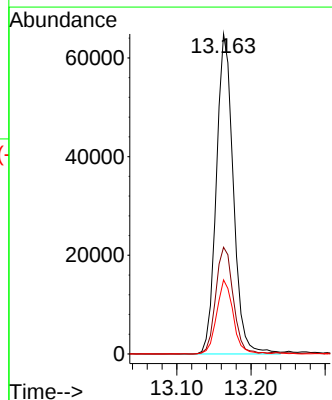
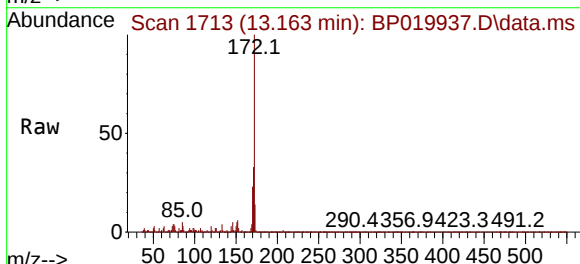
Instrument :
BNA_P
ClientSampleId :
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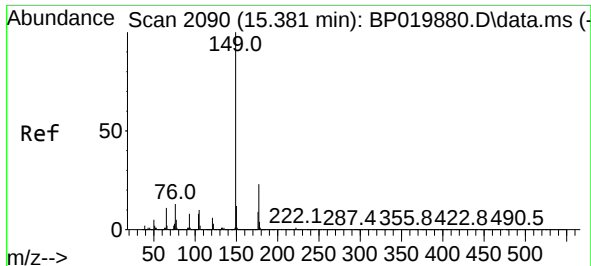
Tgt Ion: 330 Resp: 37431
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.2
141 28.4 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 6.533 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.018 min
Lab File: BP019937.D
Acq: 29 Feb 2024 15:09

Tgt Ion: 172 Resp: 103075
Ion Ratio Lower Upper
172 100
171 33.3 27.8 41.6
170 23.1 18.4 27.6

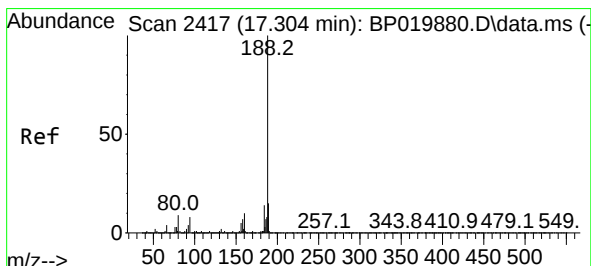
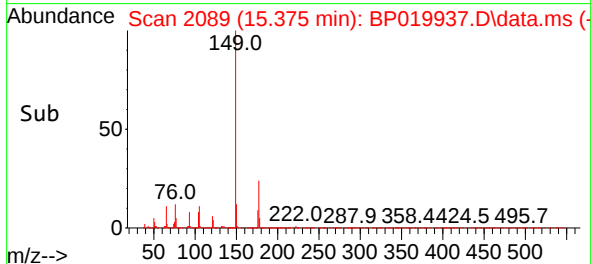
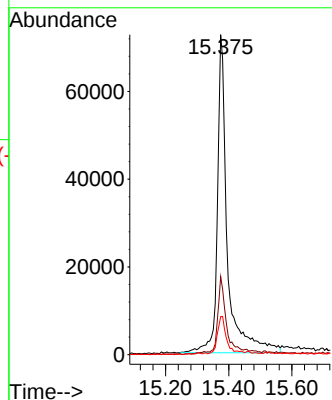
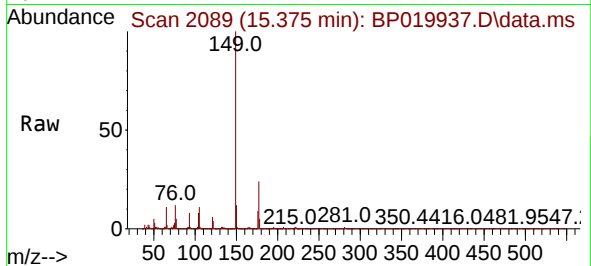




#60
Diethylphthalate
Concen: 9.282 ng
RT: 15.375 min Scan# 2090
Delta R.T. -0.018 min
Lab File: BP019937.D
Acq: 29 Feb 2024 15:09

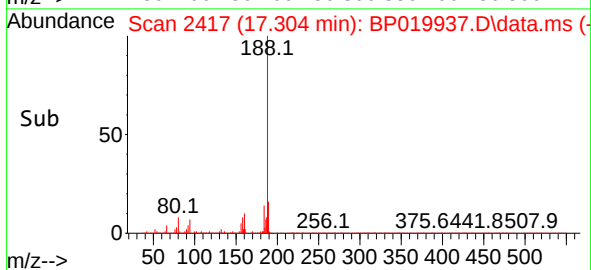
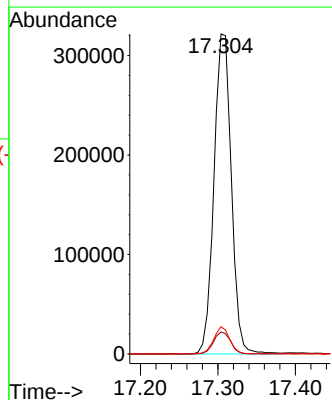
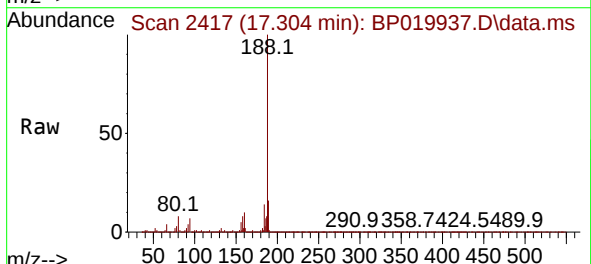
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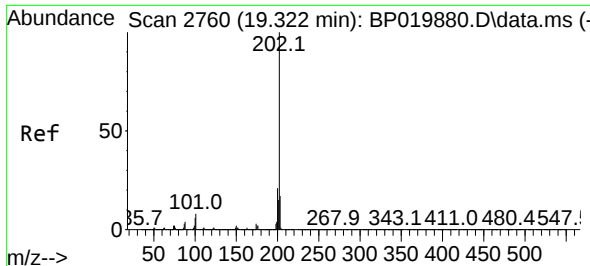
Tgt Ion:149 Resp: 159589
Ion Ratio Lower Upper
149 100
177 24.4 18.4 27.6
150 11.9 9.9 14.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2417
Delta R.T. -0.018 min
Lab File: BP019937.D
Acq: 29 Feb 2024 15:09

Tgt Ion:188 Resp: 500562
Ion Ratio Lower Upper
188 100
94 6.9 6.2 9.4
80 8.5 7.0 10.4

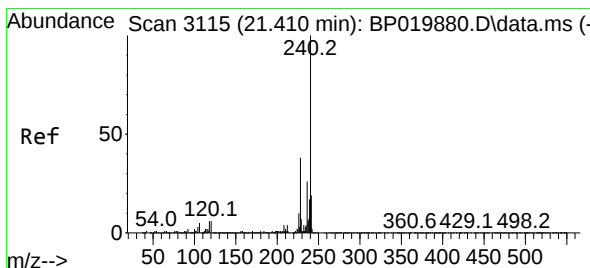
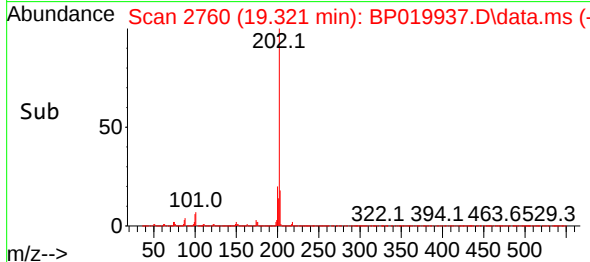
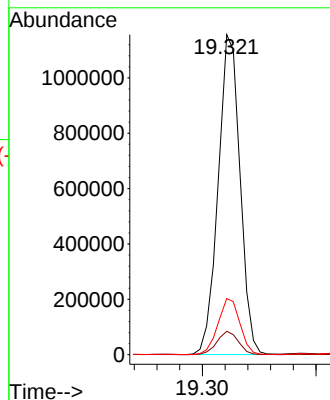
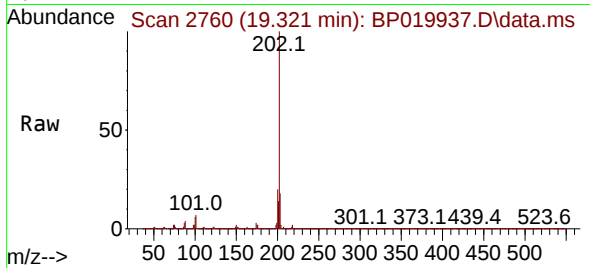




#75
Fluoranthene
Concen: 44.618 ng
RT: 19.321 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP019937.D
Acq: 29 Feb 2024 15:09

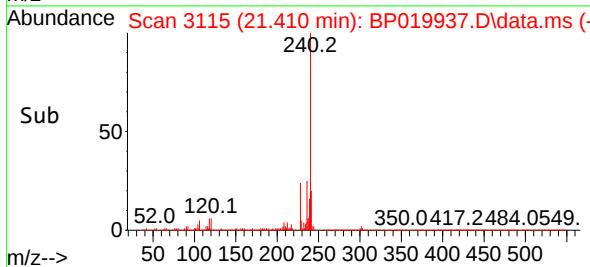
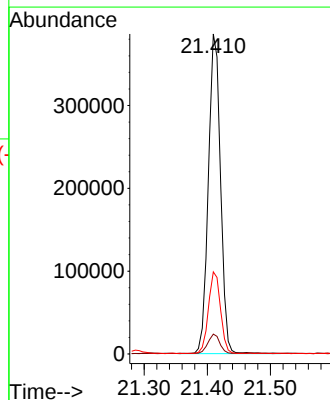
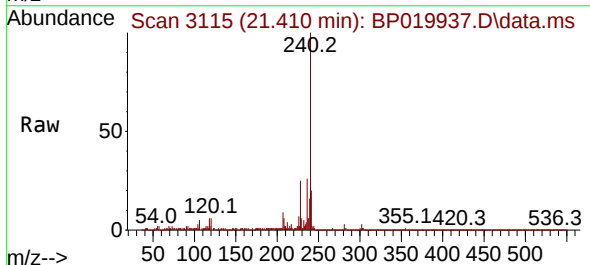
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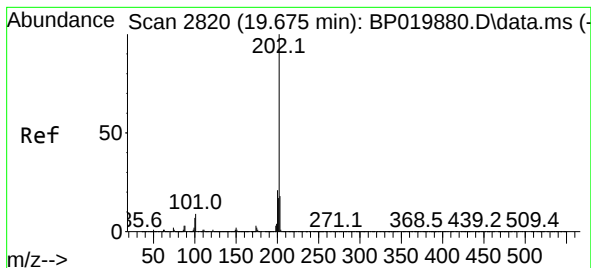
Tgt Ion:202 Resp: 1547107
Ion Ratio Lower Upper
202 100
101 7.3 0.0 27.7
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.410 min Scan# 3115
Delta R.T. -0.018 min
Lab File: BP019937.D
Acq: 29 Feb 2024 15:09

Tgt Ion:240 Resp: 515791
Ion Ratio Lower Upper
240 100
120 6.2 5.1 7.7
236 25.6 20.5 30.7





#78

Pyrene

Concen: 33.355 ng

RT: 19.674 min Scan# 2

Delta R.T. -0.018 min

Lab File: BP019937.D

Acq: 29 Feb 2024 15:09

Instrument :

BNA_P

ClientSampleId :

VNJ218DL

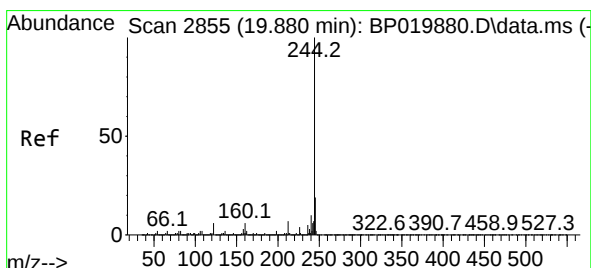
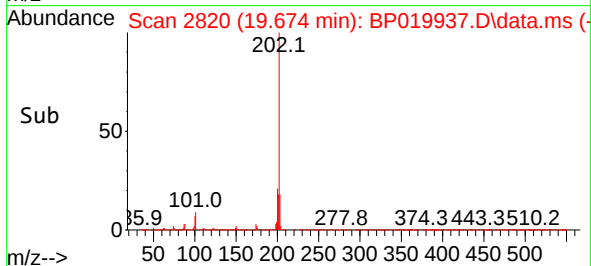
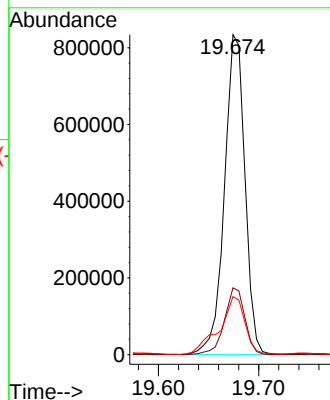
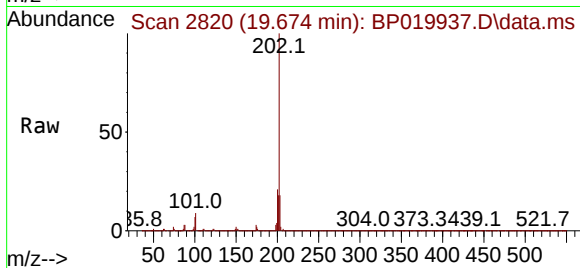
Tgt Ion:202 Resp: 1182029

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

203 18.2 14.2 21.2



#79

Terphenyl-d14

Concen: 6.453 ng

RT: 19.874 min Scan# 2854

Delta R.T. -0.018 min

Lab File: BP019937.D

Acq: 29 Feb 2024 15:09

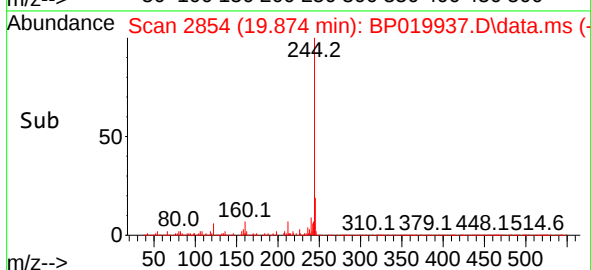
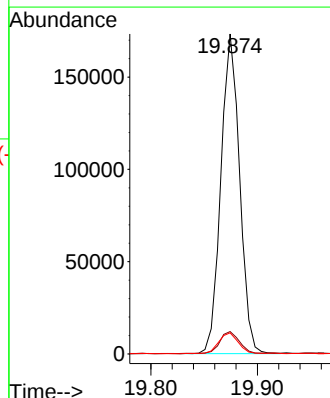
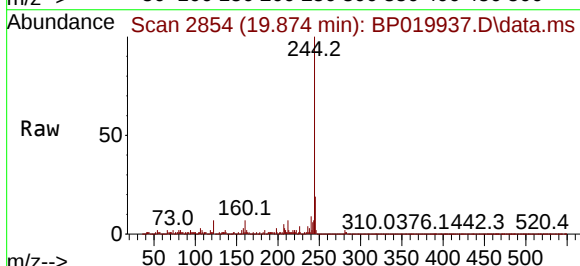
Tgt Ion:244 Resp: 211187

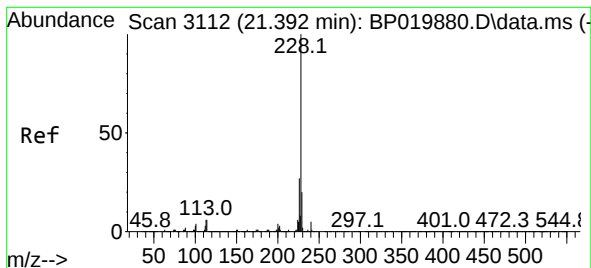
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 6.6 5.0 7.6





#81

Benzo(a)anthracene

Concen: 11.315 ng

RT: 21.398 min Scan# 3113

Delta R.T. -0.012 min

Lab File: BP019937.D

Acq: 29 Feb 2024 15:09

Instrument :

BNA_P

ClientSampleId :

VNJ218DL

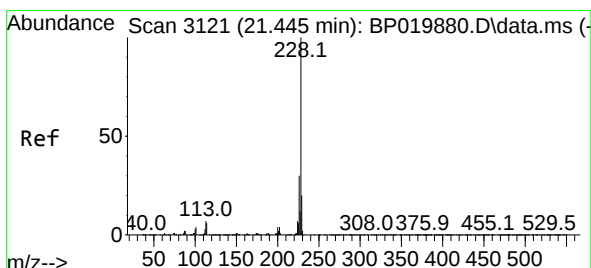
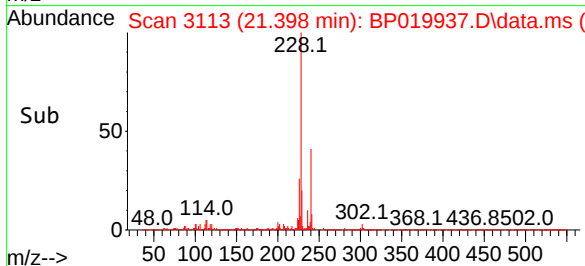
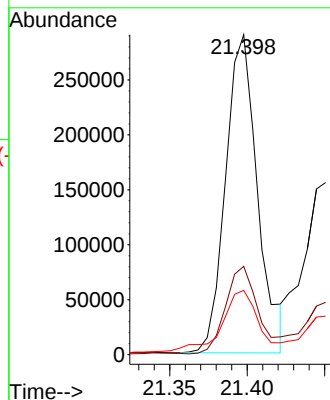
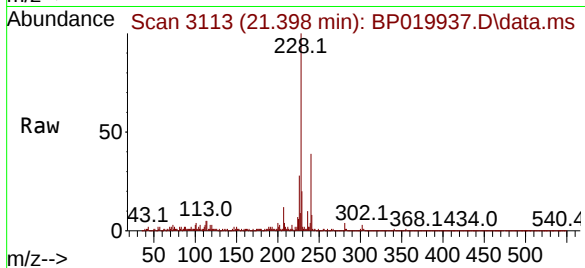
Tgt Ion:228 Resp: 414291

Ion Ratio Lower Upper

228 100

226 27.6 21.5 32.3

229 20.1 15.6 23.4



#83

Chrysene

Concen: 6.862 ng

RT: 21.451 min Scan# 3122

Delta R.T. -0.018 min

Lab File: BP019937.D

Acq: 29 Feb 2024 15:09

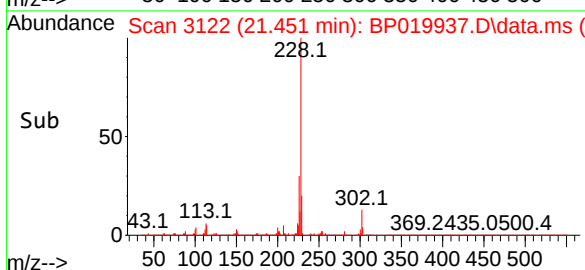
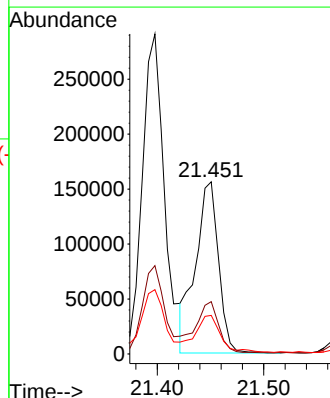
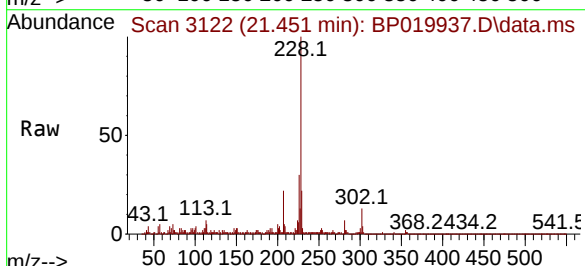
Tgt Ion:228 Resp: 235403

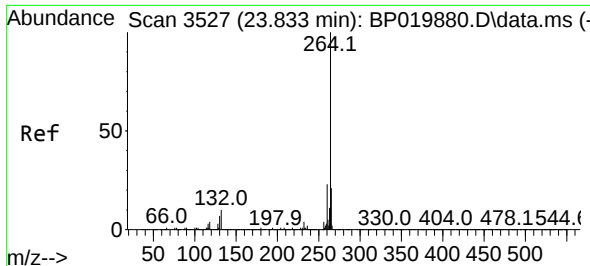
Ion Ratio Lower Upper

228 100

226 30.4 23.9 35.9

229 22.4 15.7 23.5

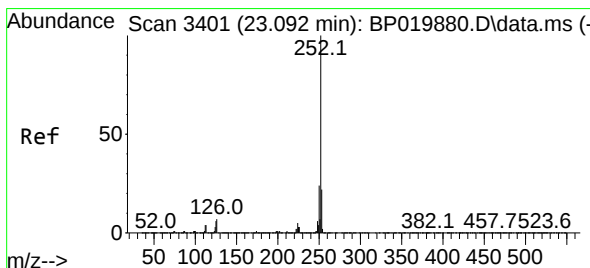
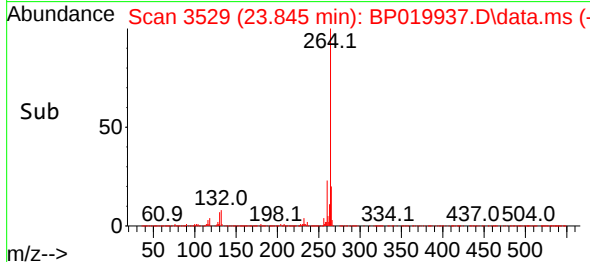
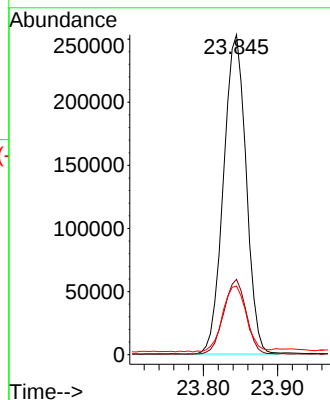
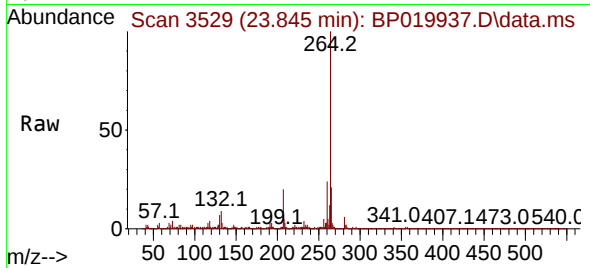




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.845 min Scan# 31
Delta R.T. -0.024 min
Lab File: BP019937.D
Acq: 29 Feb 2024 15:09

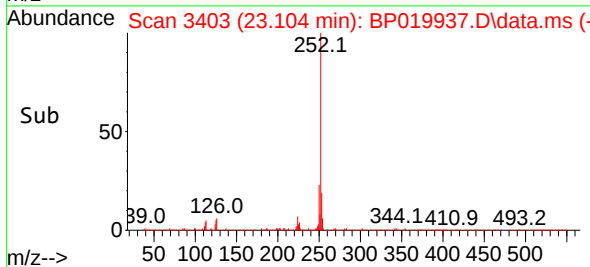
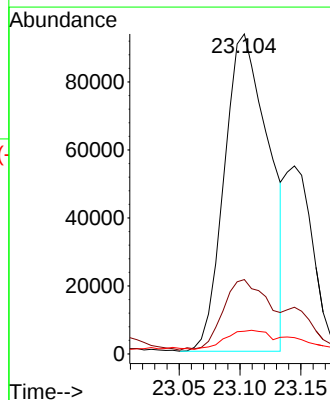
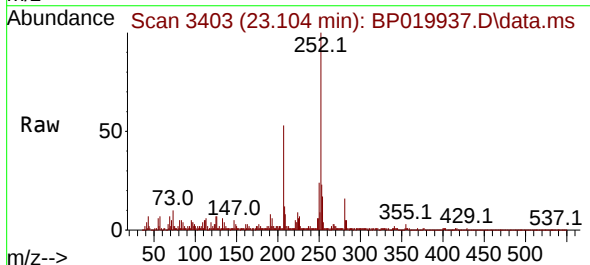
Instrument :
BNA_P
ClientSampleId :
VNJ218DL

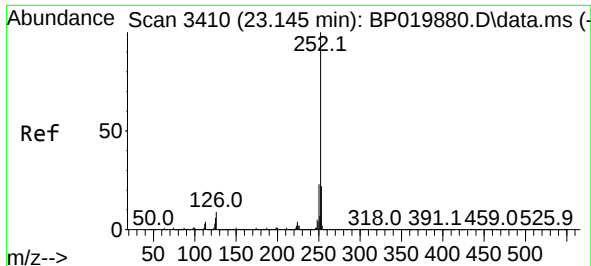
Tgt Ion:264 Resp: 536009
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 21.4 17.4 26.2



#88
Benzo(b)fluoranthene
Concen: 7.232 ng
RT: 23.104 min Scan# 3403
Delta R.T. -0.018 min
Lab File: BP019937.D
Acq: 29 Feb 2024 15:09

Tgt Ion:252 Resp: 237658
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 7.1 4.6 7.0#

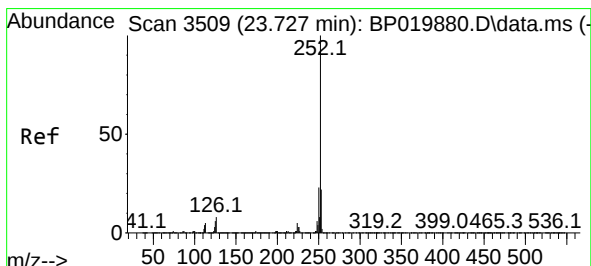
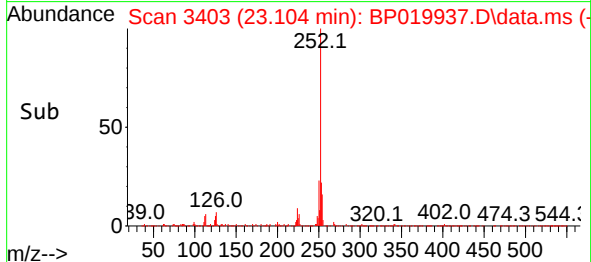
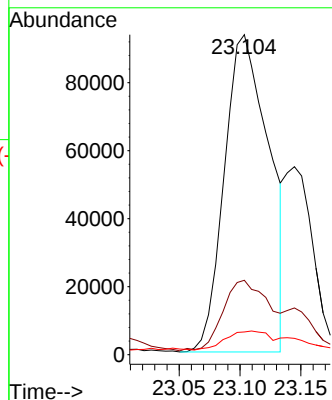
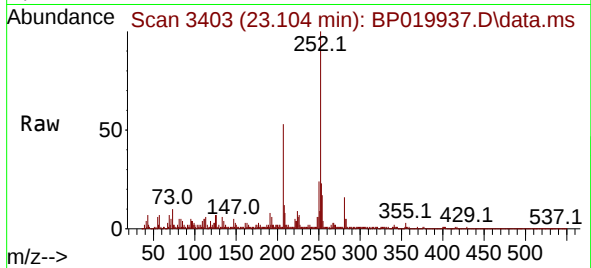




#89
Benzo(k)fluoranthene
Concen: 7.374 ng
RT: 23.104 min Scan# 3410
Delta R.T. -0.071 min
Lab File: BP019937.D
Acq: 29 Feb 2024 15:09

Instrument :
BNA_P
ClientSampleId :
VNJ218DL

Tgt Ion:252 Resp: 237658
Ion Ratio Lower Upper
252 100
253 23.2 17.3 25.9
125 7.1 4.6 6.8#



#90
Benzo(a)pyrene
Concen: 3.713 ng
RT: 23.733 min Scan# 3510
Delta R.T. -0.030 min
Lab File: BP019937.D
Acq: 29 Feb 2024 15:09

Tgt Ion:252 Resp: 116610
Ion Ratio Lower Upper
252 100
253 24.2 17.5 26.3
125 8.1 5.2 7.8#

