

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
 Data File : BP022355.D
 Acq On : 14 Oct 2024 14:35
 Operator : RC/JU
 Sample : P4264-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCYN8

Quant Time: Oct 14 15:14:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 14 11:01:55 2024
 Response via : Initial Calibration

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

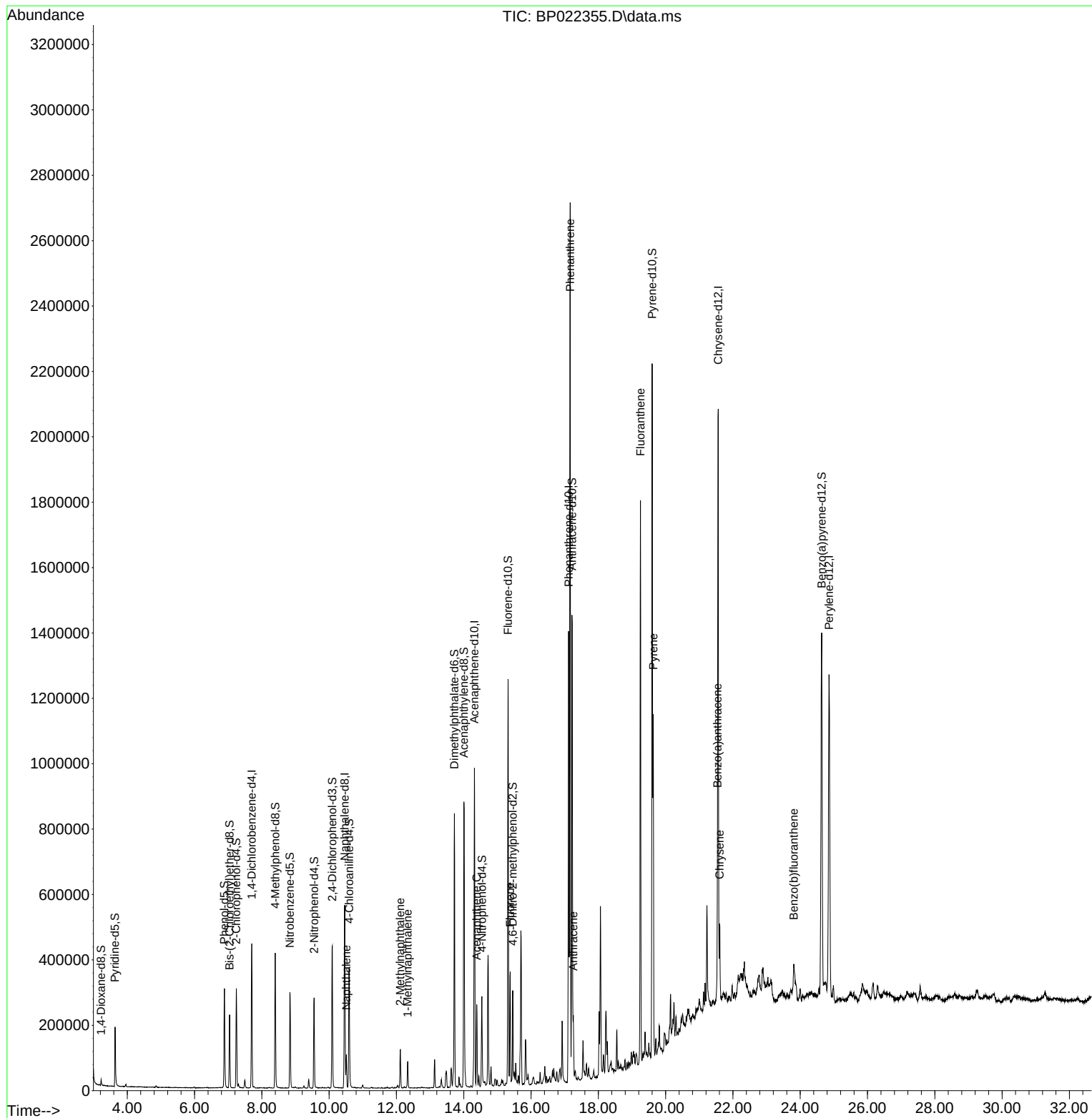
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	120476	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	472090	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.316	164	372661	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	917176	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	998758	20.000	ng/u1	0.01
88) Perylene-d12	24.857	264	1150712	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	8308	2.680	ng/uL	0.00
4) Pyridine-d5	3.634	84	105446	12.389	ng/u1	0.00
7) Phenol-d5	6.887	99	173960	17.154	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	98072	16.454	ng/u1	0.00
11) 2-Chlorophenol-d4	7.240	132	131055	18.212	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	150206	18.559	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	67469	18.587	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	82015	19.516	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	167487	18.752	ng/u1	0.01
31) 4-Chloroaniline-d4	10.593	131	193829	18.365	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	585138	19.762	ng/u1	0.01
49) Acenaphthylene-d8	14.004	160	645786	20.535	ng/u1	0.00
54) 4-Nitrophenol-d4	14.540	143	68245	13.739	ng/u1	0.00
60) Fluorene-d10	15.316	176	538819	20.981	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	68267	11.317	ng/u1	0.01
73) Anthracene-d10	17.216	188	929522	21.544	ng/u1	0.01
81) Pyrene-d10	19.598	212	1150182	21.777	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.639	264	1324327	21.550	ng/u1	0.00
Target Compounds						Qvalue
30) Naphthalene	10.510	128	75029	2.984	ng/u1	98
36) 2-Methylnaphthalene	12.110	142	57757	3.129	ng/u1	97
37) 1-Methylnaphthalene	12.334	142	35459	1.882	ng/u1	99
52) Acenaphthene	14.387	153	109926	4.763	ng/u1	99
61) Fluorene	15.381	166	170387	6.032	ng/u1	97
72) Phenanthrene	17.163	178	1800385	36.690	ng/u1	99
74) Anthracene	17.257	178	138019	2.819	ng/u1	99
80) Fluoranthene	19.251	202	1116220	18.384	ng/u1	99
82) Pyrene	19.634	202	714308	10.976	ng/u1	100
85) Benzo(a)anthracene	21.539	228	204509	2.921	ng/u1	99
87) Chrysene	21.604	228	158132	2.436	ng/u1	95
90) Benzo(b)fluoranthene	23.810	252	101273	1.398	ng/u1	98

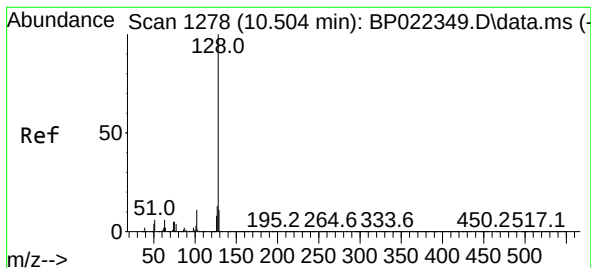
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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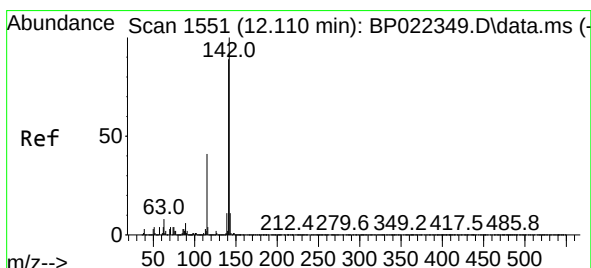
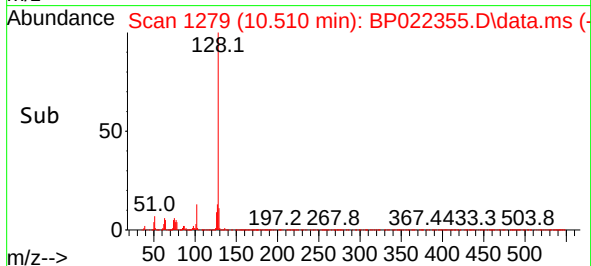
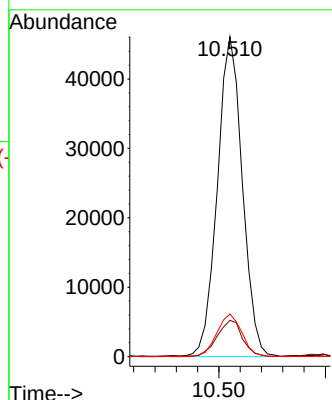
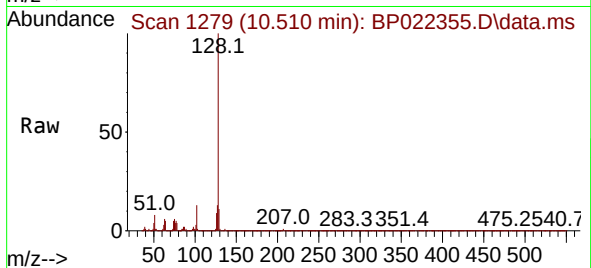




#30
Naphthalene
Concen: 2.984 ng/ul
RT: 10.510 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BP022355.D
Acq: 14 Oct 2024 14:35

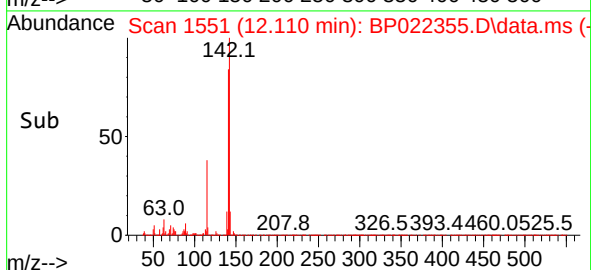
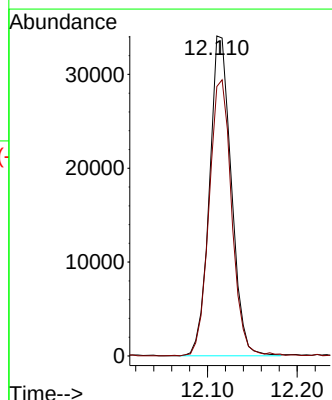
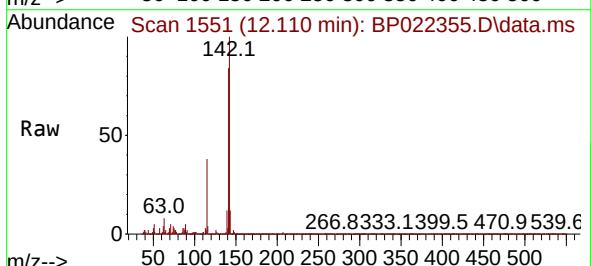
Instrument :
BNA_P
ClientSampleId :
DCYN8

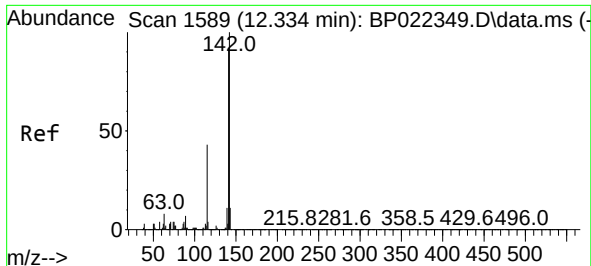
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	13.4	9.9	14.9



#36
2-Methylnaphthalene
Concen: 3.129 ng/ul
RT: 12.110 min Scan# 1551
Delta R.T. 0.000 min
Lab File: BP022355.D
Acq: 14 Oct 2024 14:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.2	69.8	104.6

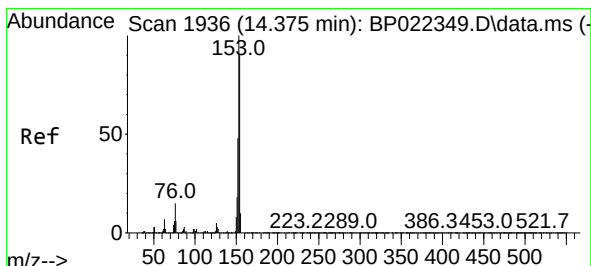
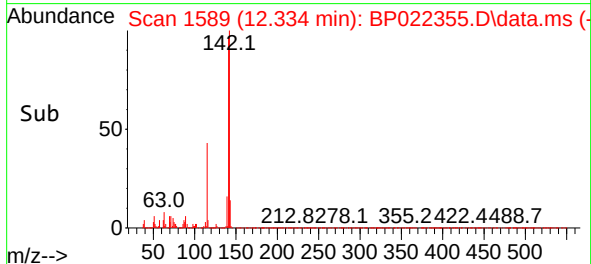
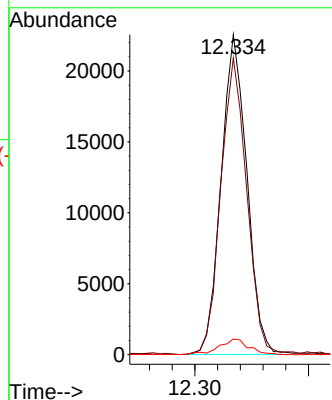
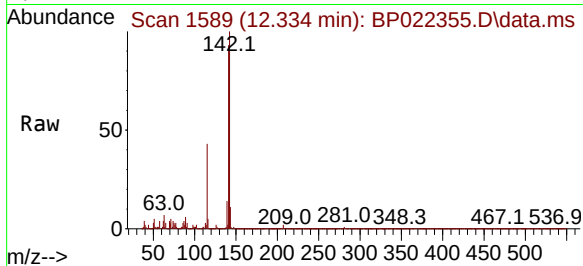




#37
1-Methylnaphthalene
Concen: 1.882 ng/ul
RT: 12.334 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP022355.D
Acq: 14 Oct 2024 14:35

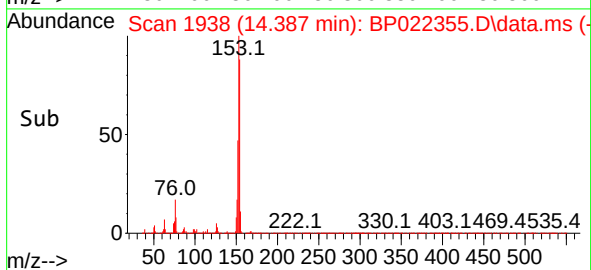
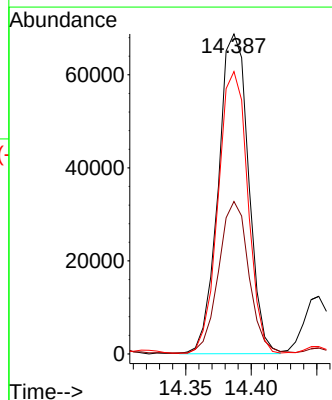
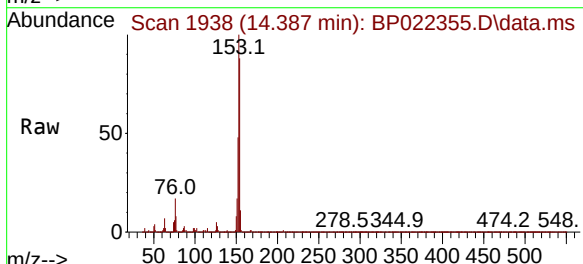
Instrument :
BNA_P
ClientSampleId :
DCYN8

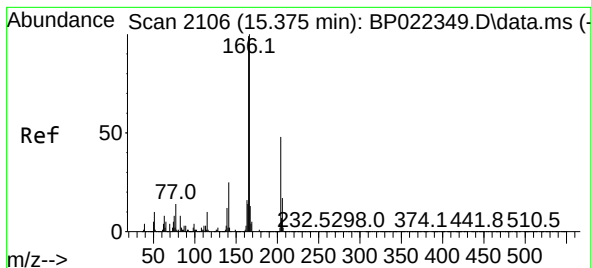
Tgt Ion:	142	Resp:	35459
Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.8	112.2
116	4.9	4.1	6.1



#52
Acenaphthene
Concen: 4.763 ng/ul
RT: 14.387 min Scan# 1938
Delta R.T. 0.012 min
Lab File: BP022355.D
Acq: 14 Oct 2024 14:35

Tgt Ion:	153	Resp:	109926
Ion	Ratio	Lower	Upper
153	100		
152	47.7	37.8	56.6
154	88.2	69.5	104.3





#61

Fluorene

Concen: 6.032 ng/ul

RT: 15.381 min Scan# 2106

Delta R.T. 0.006 min

Lab File: BP022355.D

Acq: 14 Oct 2024 14:35

Instrument :

BNA_P

ClientSampleId :

DCYN8

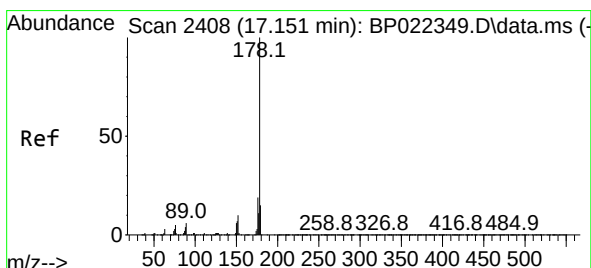
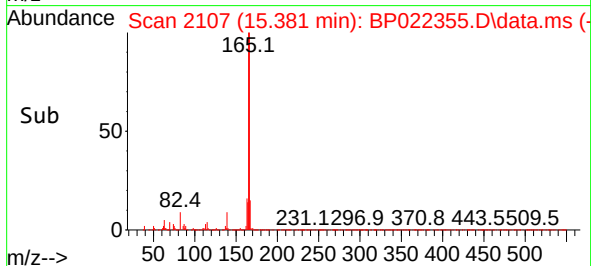
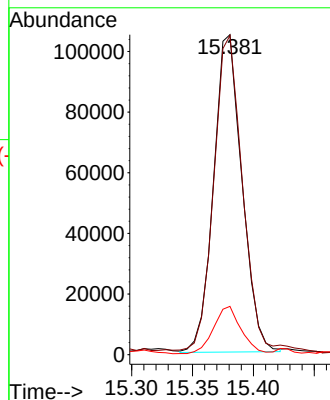
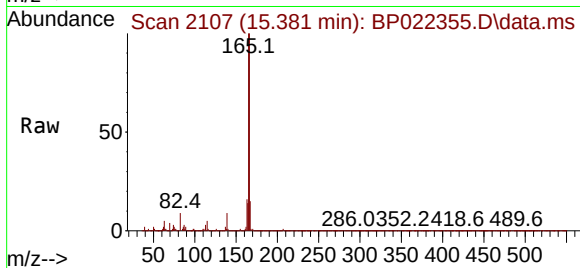
Tgt Ion:166 Resp: 170387

Ion Ratio Lower Upper

166 100

165 99.7 77.8 116.6

167 15.1 11.1 16.7



#72

Phenanthrene

Concen: 36.690 ng/ul

RT: 17.163 min Scan# 2410

Delta R.T. 0.012 min

Lab File: BP022355.D

Acq: 14 Oct 2024 14:35

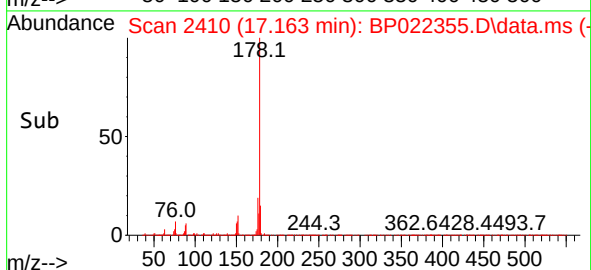
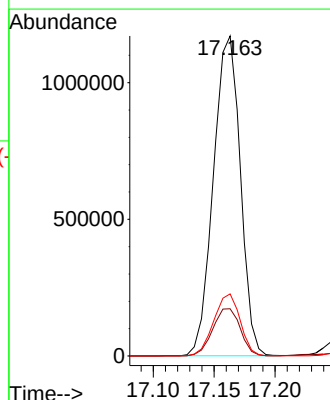
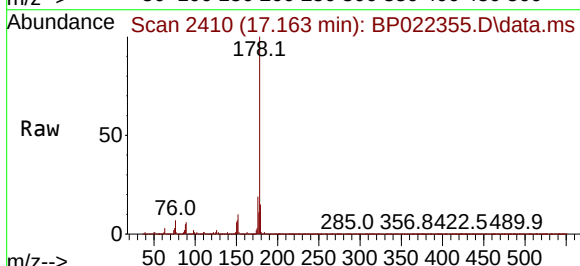
Tgt Ion:178 Resp: 1800385

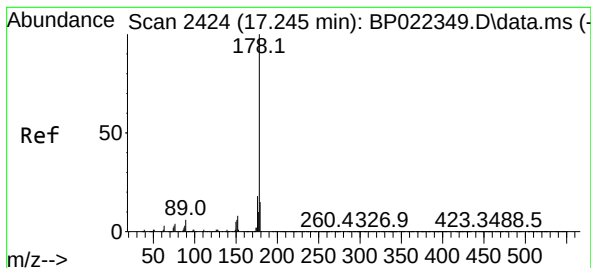
Ion Ratio Lower Upper

178 100

179 14.8 12.2 18.4

176 19.4 15.7 23.5





#74

Anthracene

Concen: 2.819 ng/ul

RT: 17.257 min Scan# 2424

Delta R.T. 0.012 min

Lab File: BP022355.D

Acq: 14 Oct 2024 14:35

Instrument :

BNA_P

ClientSampleId :

DCYN8

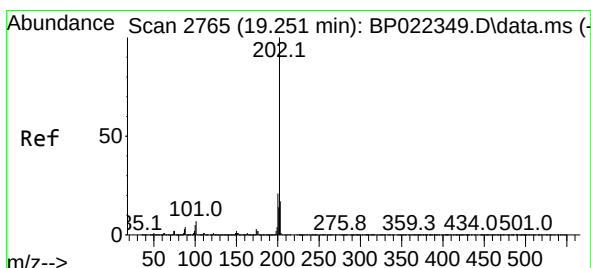
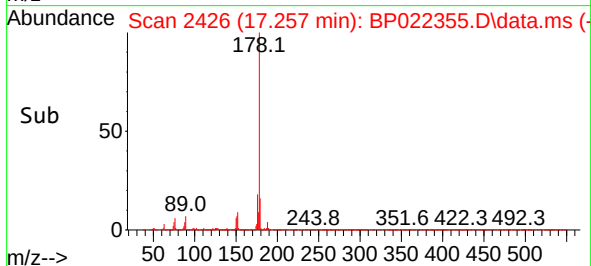
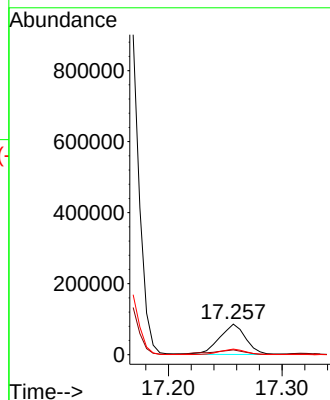
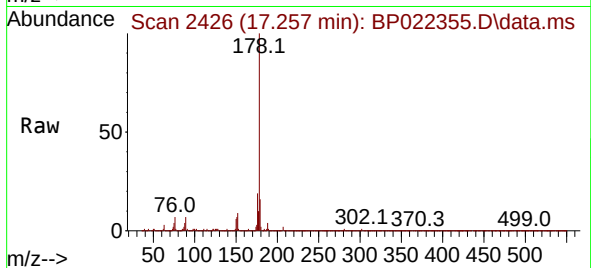
Tgt Ion:178 Resp: 138019

Ion Ratio Lower Upper

178 100

179 15.9 12.0 18.0

176 18.5 15.0 22.4



#80

Fluoranthene

Concen: 18.384 ng/ul

RT: 19.251 min Scan# 2765

Delta R.T. 0.000 min

Lab File: BP022355.D

Acq: 14 Oct 2024 14:35

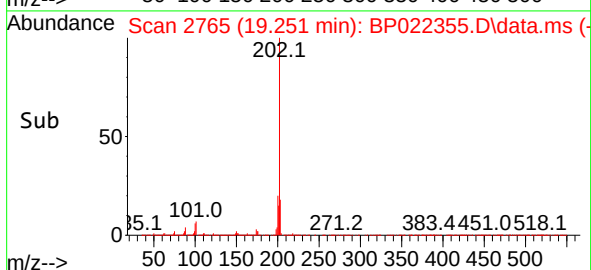
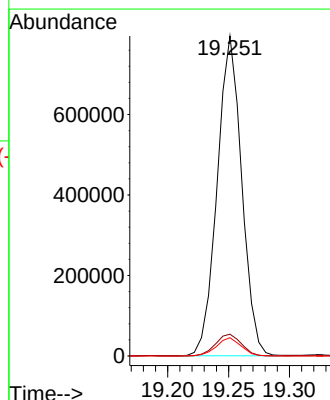
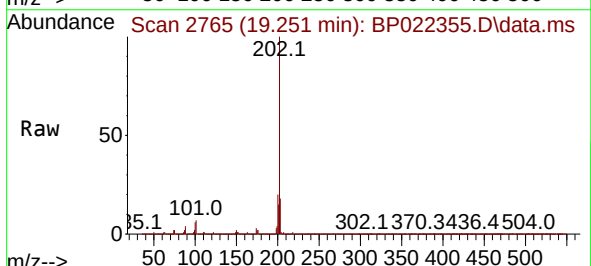
Tgt Ion:202 Resp: 1116220

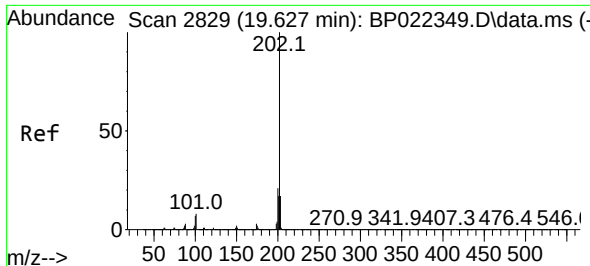
Ion Ratio Lower Upper

202 100

101 6.8 5.8 8.8

100 5.7 4.5 6.7

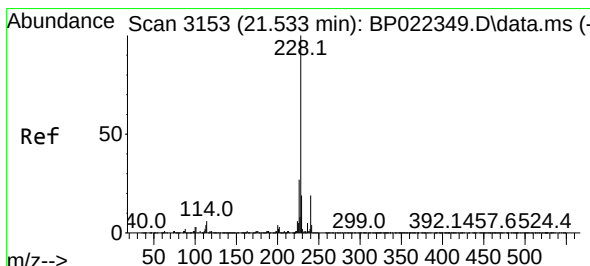
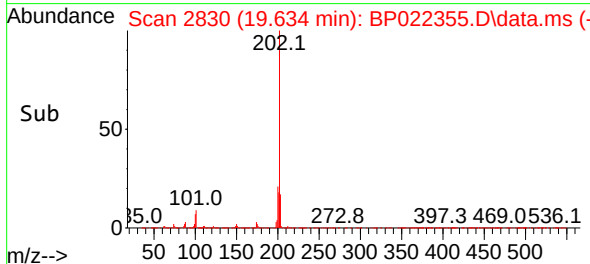
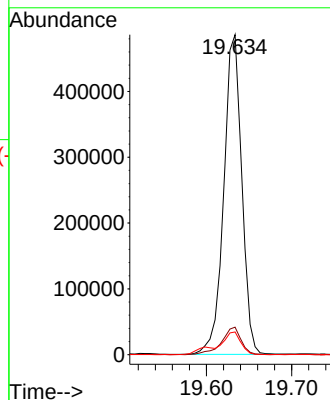
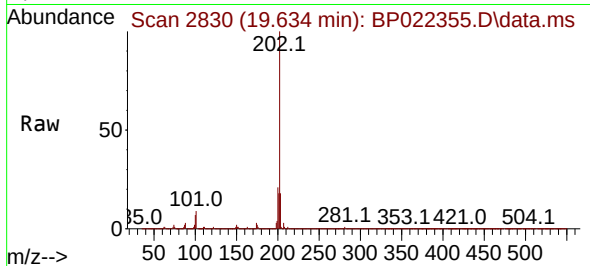




#82
Pyrene
Concen: 10.976 ng/ul
RT: 19.634 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP022355.D
Acq: 14 Oct 2024 14:35

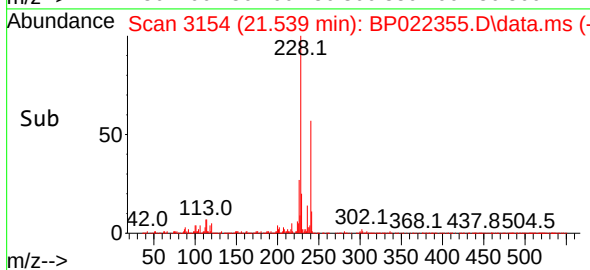
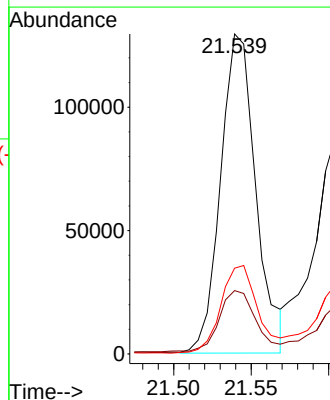
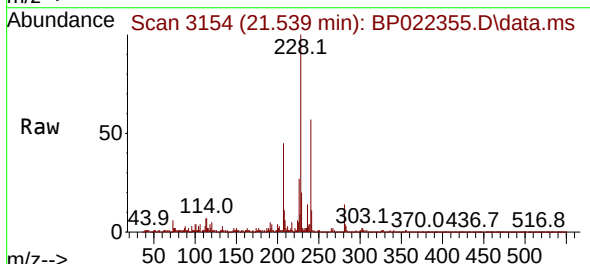
Instrument :
BNA_P
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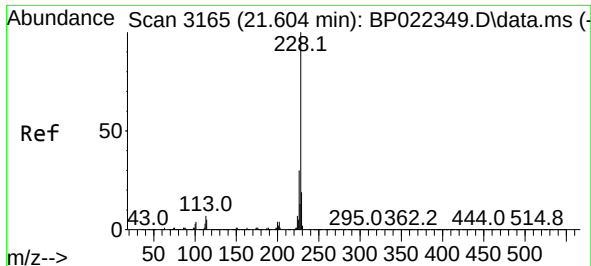
Tgt Ion:202 Resp: 714308
Ion Ratio Lower Upper
202 100
101 8.6 6.7 10.1
100 7.1 5.8 8.6



#85
Benzo(a)anthracene
Concen: 2.921 ng/ul
RT: 21.539 min Scan# 3154
Delta R.T. 0.006 min
Lab File: BP022355.D
Acq: 14 Oct 2024 14:35

Tgt Ion:228 Resp: 204509
Ion Ratio Lower Upper
228 100
229 19.8 15.4 23.0
226 26.8 21.5 32.3

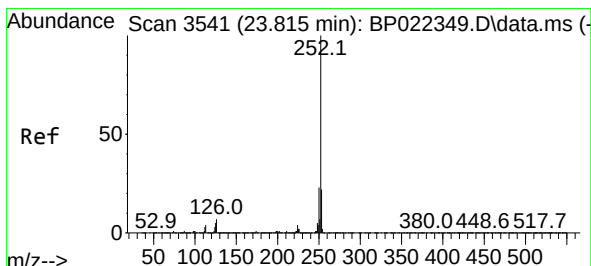
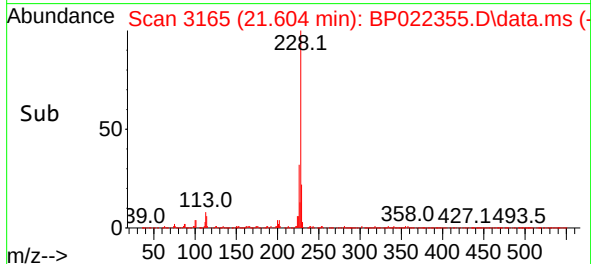
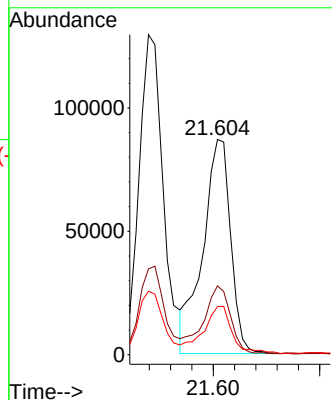
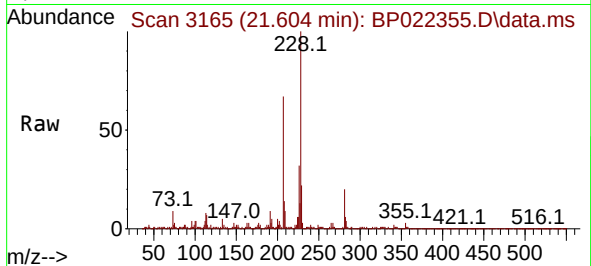




#87
Chrysene
Concen: 2.436 ng/ul
RT: 21.604 min Scan# 3165
Delta R.T. 0.000 min
Lab File: BP022355.D
Acq: 14 Oct 2024 14:35

Instrument :
BNA_P
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Tgt Ion:228 Resp: 158132
Ion Ratio Lower Upper
228 100
226 32.0 23.8 35.8
229 22.3 15.5 23.3



#90
Benzo(b)fluoranthene
Concen: 1.398 ng/ul
RT: 23.810 min Scan# 3540
Delta R.T. -0.006 min
Lab File: BP022355.D
Acq: 14 Oct 2024 14:35

Tgt Ion:252 Resp: 101273
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.8
125 6.8 5.0 7.4

