

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082422\
 Data File : BP011548.D
 Acq On : 24 Aug 2022 19:35
 Operator : CG/JU
 Sample : N4268-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 25 02:18:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 25 02:14:54 2022
 Response via : Initial Calibration

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

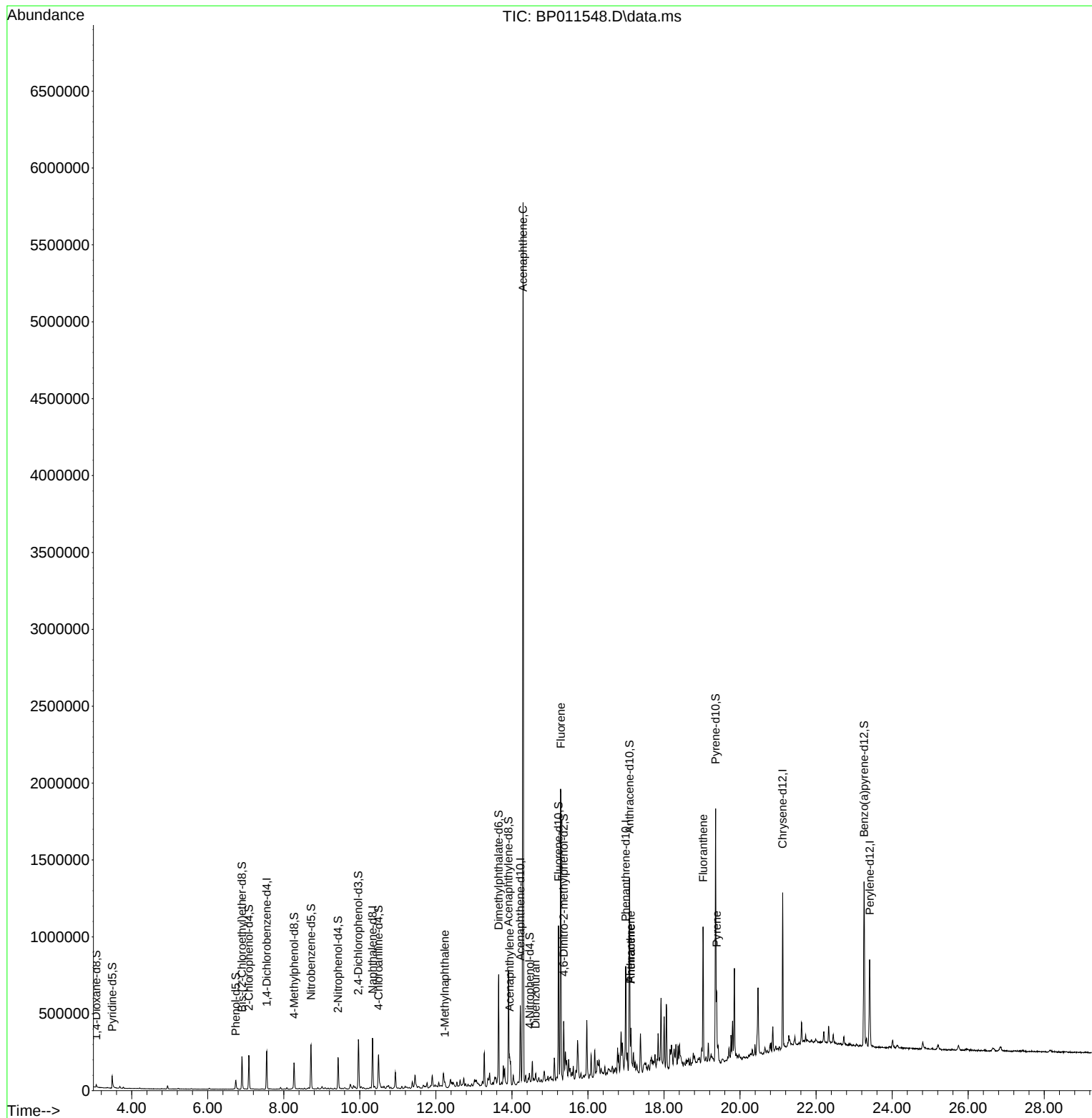
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	53719	20.000	ng/ul	0.00
20) Naphthalene-d8	10.334	136	223091	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.222	164	142549	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.992	188	332160	20.000	ng/ul	0.00
79) Chrysene-d12	21.122	240	344701	20.000	ng/ul	0.00
88) Perylene-d12	23.410	264	352320	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.070	96	7638	4.412	ng/uL	0.00
4) Pyridine-d5	3.487	84	35883	8.096	ng/ul	0.01
7) Phenol-d5	6.740	99	27356	5.542	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.899	67	85848	26.767	ng/ul	0.00
11) 2-Chlorophenol-d4	7.081	132	78291	21.563	ng/ul	0.00
15) 4-Methylphenol-d8	8.269	113	54158	13.707	ng/ul	0.00
21) Nitrobenzene-d5	8.716	128	49488	30.813	ng/ul	0.00
24) 2-Nitrophenol-d4	9.428	143	44428	27.180	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.963	165	85479	28.330	ng/ul	0.00
31) 4-Chloroaniline-d4	10.493	131	96517	19.217	ng/ul	0.00
46) Dimethylphthalate-d6	13.651	166	367676	36.468	ng/ul	0.00
49) Acenaphthylene-d8	13.910	160	394360	35.193	ng/ul	0.00
54) 4-Nitrophenol-d4	14.463	143	9115	4.692	ng/ul	0.00
60) Fluorene-d10	15.228	176	319247	37.638	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.363	200	46739	26.041	ng/ul	0.00
73) Anthracene-d10	17.092	188	565658	38.451	ng/ul	0.00
81) Pyrene-d10	19.357	212	670633	38.454	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.263	264	666009	38.861	ng/ul	0.00
Target Compounds						
					Qvalue	
37) 1-Methylnaphthalene	12.234	142	9170	1.180	ng/ul#	99
50) Acenaphthylene	13.940	152	26320	1.977	ng/ul#	82
52) Acenaphthene	14.292	153	2091170	234.526	ng/ul	99
56) Dibenzofuran	14.628	168	14082	1.145	ng/ul	86
61) Fluorene	15.287	166	708723	70.455	ng/ul	100
72) Phenanthrene	17.128	178	118461	6.589	ng/ul	99
74) Anthracene	17.128	178	118961	6.559	ng/ul	99
80) Fluoranthene	19.028	202	438252	20.434	ng/ul	99
82) Pyrene	19.386	202	235883	10.467	ng/ul	97

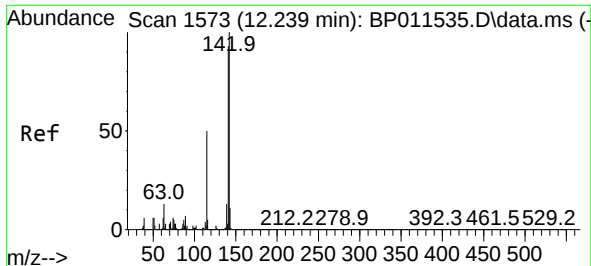
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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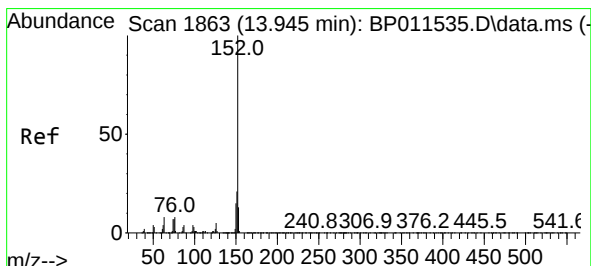
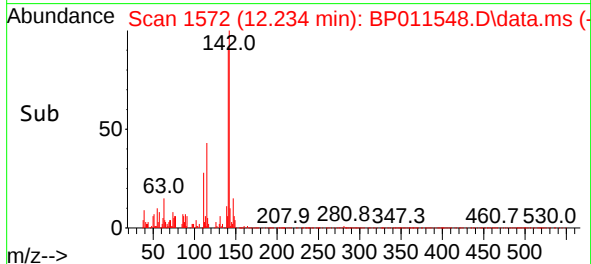
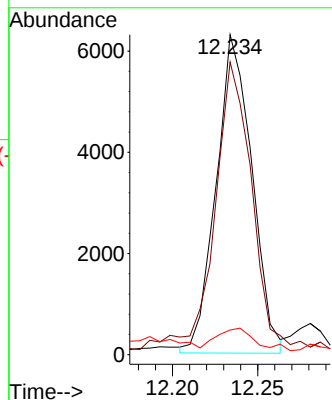
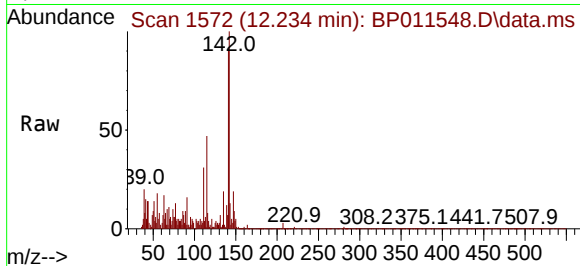




#37
1-Methylnaphthalene
Concen: 1.180 ng/ul
RT: 12.234 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP011548.D
Acq: 24 Aug 2022 19:35

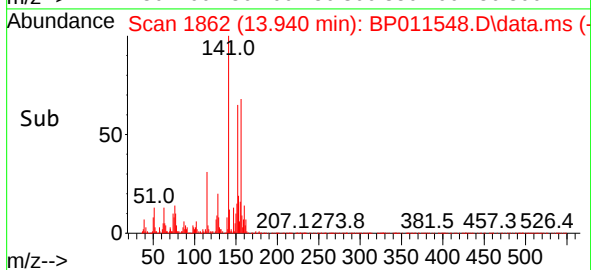
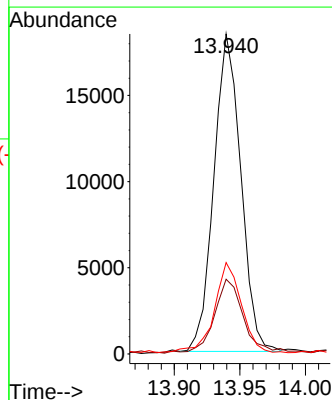
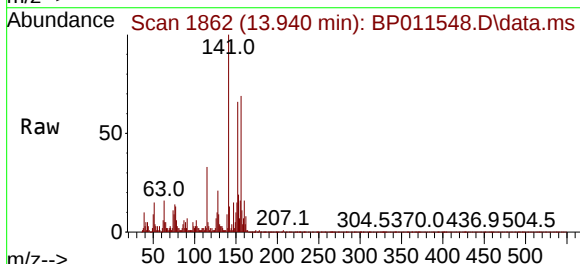
Instrument :
BNA_P
ClientSampleId :

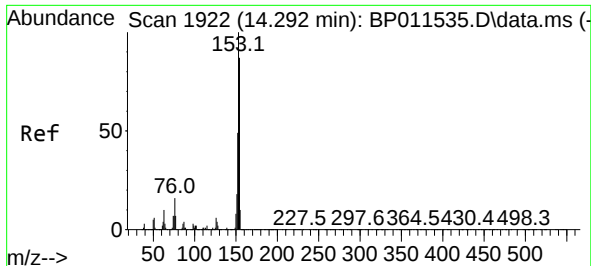
Tgt Ion:142 Resp: 9170
Ion Ratio Lower Upper
142 100
141 91.4 73.0 109.6
116 7.7 4.0 6.0#



#50
Acenaphthylene
Concen: 1.977 ng/ul
RT: 13.940 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BP011548.D
Acq: 24 Aug 2022 19:35

Tgt Ion:152 Resp: 26320
Ion Ratio Lower Upper
152 100
151 23.4 16.9 25.3
153 28.6 10.6 15.8#

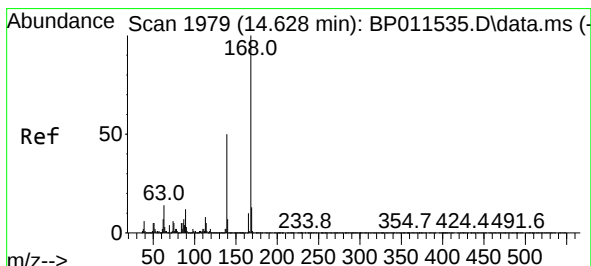
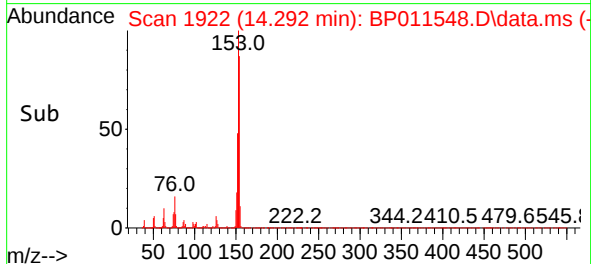
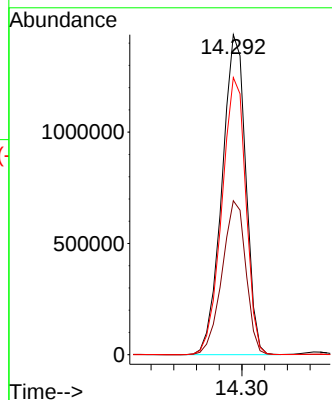
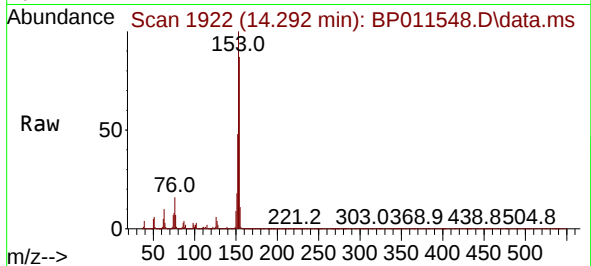




#52
Acenaphthene
Concen: 234.526 ng/ul
RT: 14.292 min Scan# 1922
Delta R.T. 0.006 min
Lab File: BP011548.D
Acq: 24 Aug 2022 19:35

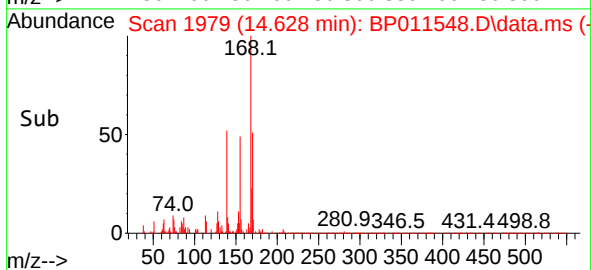
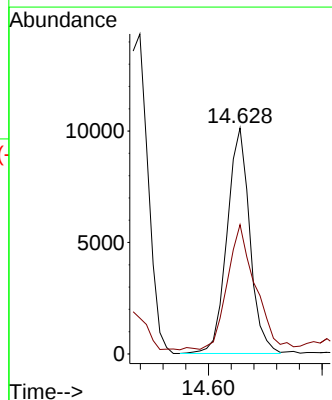
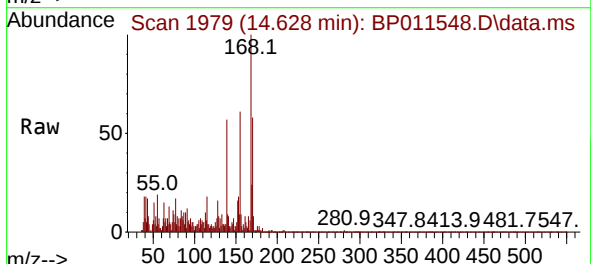
Instrument :
BNA_P
ClientSampleId :

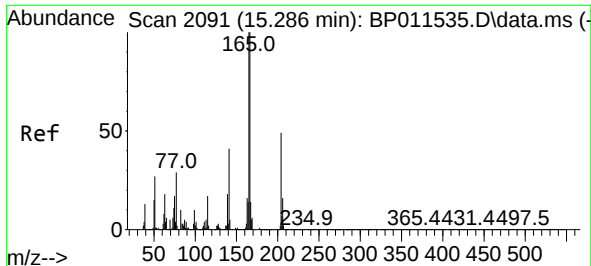
Tgt Ion:153 Resp: 2091170
Ion Ratio Lower Upper
153 100
152 48.1 37.7 56.5
154 86.6 69.4 104.0



#56
Dibenzofuran
Concen: 1.145 ng/ul
RT: 14.628 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BP011548.D
Acq: 24 Aug 2022 19:35

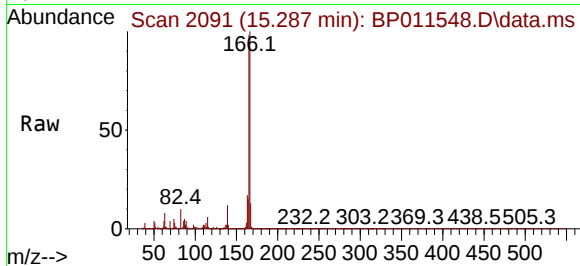
Tgt Ion:168 Resp: 14082
Ion Ratio Lower Upper
168 100
139 57.2 38.4 57.6



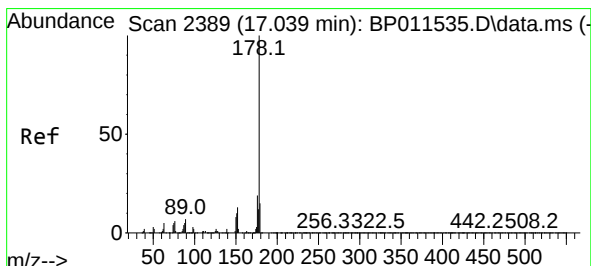
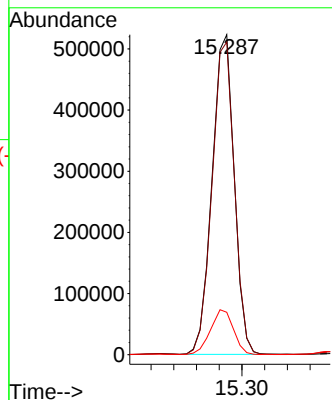
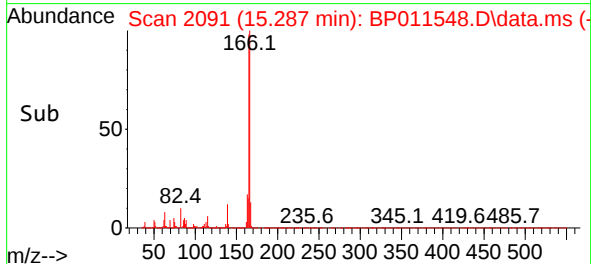


#61
Fluorene
Concen: 70.455 ng/ul
RT: 15.287 min Scan# 2091
Delta R.T. 0.006 min
Lab File: BP011548.D
Acq: 24 Aug 2022 19:35

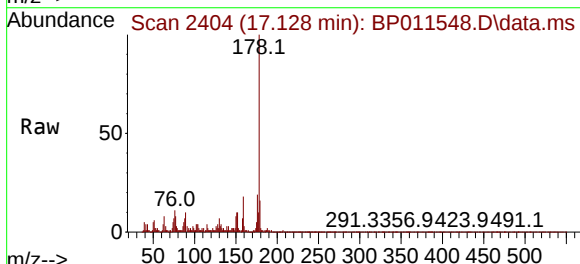
Instrument :
BNA_P
ClientSampleId :



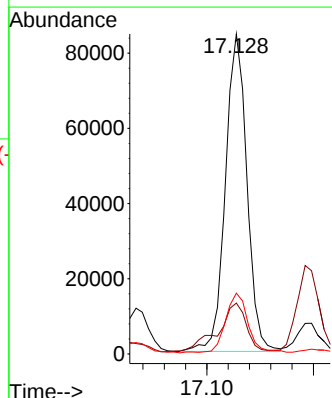
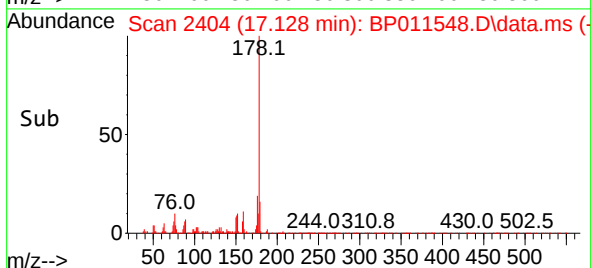
Tgt Ion:166 Resp: 708723
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.2
167 13.3 10.3 15.5

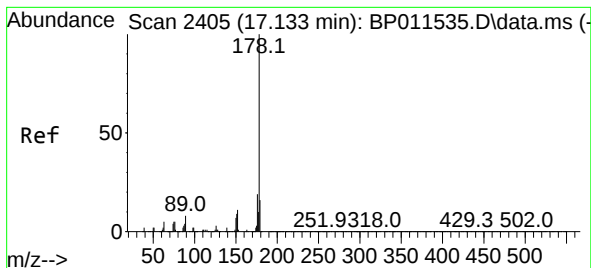


#72
Phenanthrene
Concen: 6.589 ng/ul
RT: 17.128 min Scan# 2404
Delta R.T. 0.088 min
Lab File: BP011548.D
Acq: 24 Aug 2022 19:35



Tgt Ion:178 Resp: 118461
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 19.0 15.8 23.8





#74

Anthracene

Concen: 6.559 ng/ul

RT: 17.128 min Scan# 2405

Delta R.T. 0.000 min

Lab File: BP011548.D

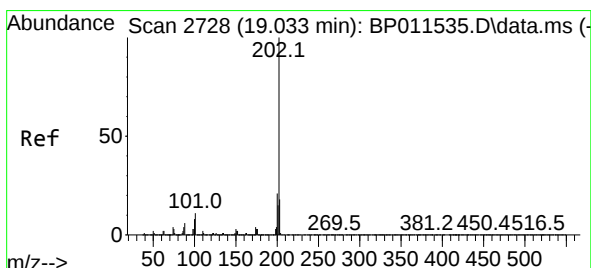
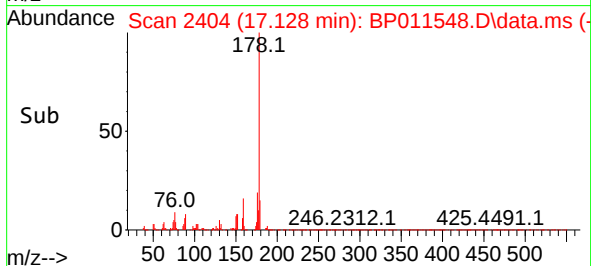
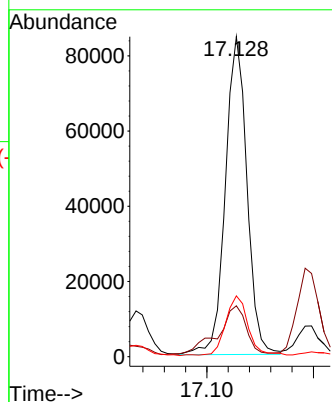
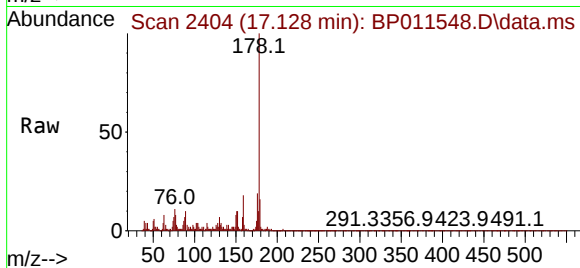
Acq: 24 Aug 2022 19:35

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:178	Resp:	118961
Ion Ratio	Lower	Upper
178	100	
179	15.9	12.2 18.2
176	19.0	15.4 23.0



#80

Fluoranthene

Concen: 20.434 ng/ul

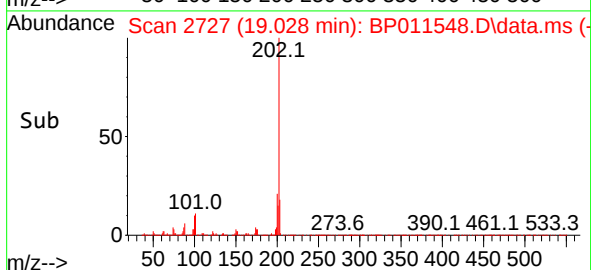
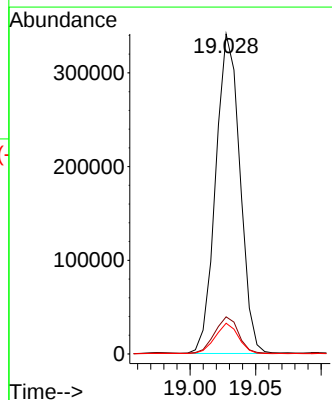
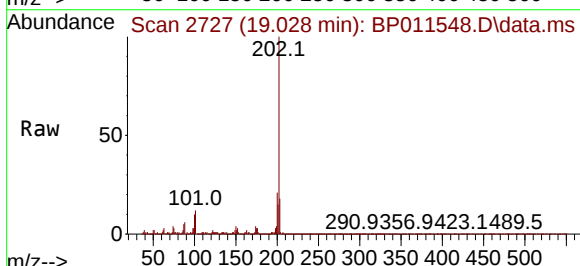
RT: 19.028 min Scan# 2727

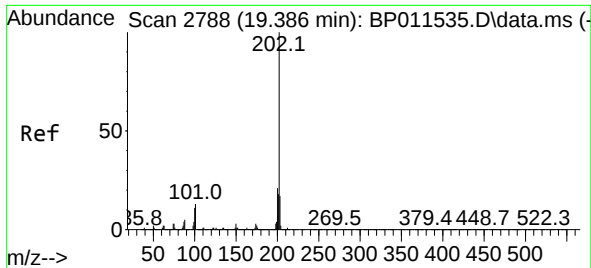
Delta R.T. -0.006 min

Lab File: BP011548.D

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Tgt Ion:202	Resp:	438252
Ion Ratio	Lower	Upper
202	100	
101	11.6	9.5 14.3
100	9.6	7.9 11.9





#82

Pyrene

Concen: 10.467 ng/ul

RT: 19.386 min Scan# 21

Delta R.T. 0.000 min

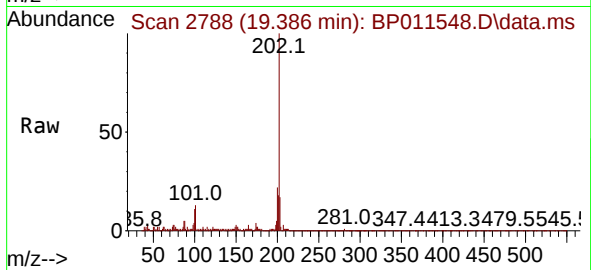
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Tgt Ion:202 Resp: 235883

Ion Ratio Lower Upper

202 100

101 13.2 11.4 17.2

100 10.7 9.4 14.0

