

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061423\
 Data File : BP015556.D
 Acq On : 15 Jun 2023 15:19
 Operator : MA/JU
 Sample : 03088-13
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFR9

Quant Time: Jun 15 22:05:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 15 05:36:46 2023
 Response via : Initial Calibration

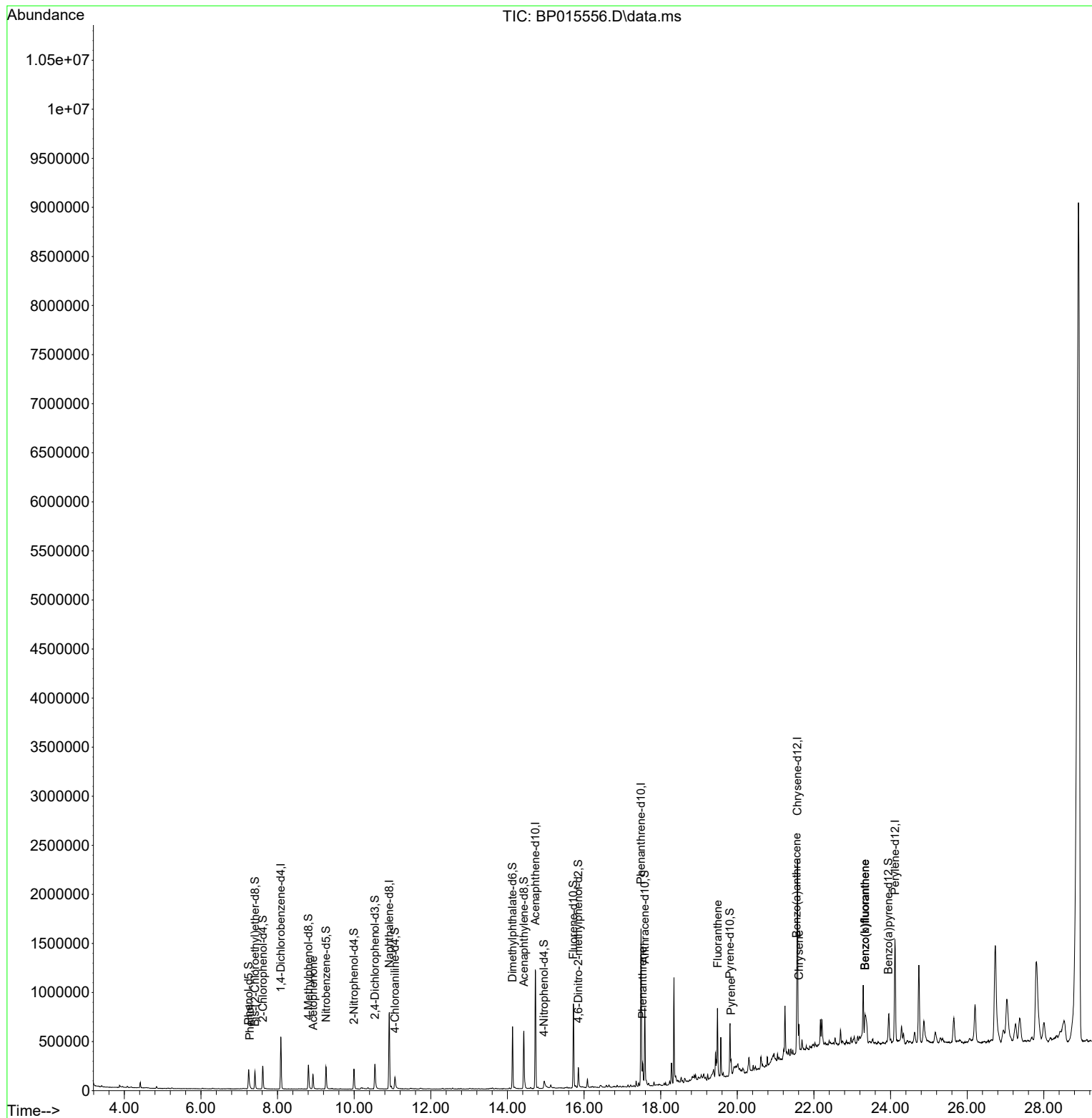
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	135209	20.000	ng/ul	0.00
20) Naphthalene-d8	10.916	136	609791	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	400484	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.486	188	933578	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	866938	20.000	ng/ul	0.00
88) Perylene-d12	24.115	264	859676	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.540	96	63	0.017	ng/uL	0.14
4) Pyridine-d5	3.846	84	249	0.026	ng/ul	0.00
7) Phenol-d5	7.246	99	112450	9.028	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	80124	10.771	ng/ul	0.00
11) 2-Chlorophenol-d4	7.616	132	103622	11.474	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	97375	9.525	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	52332	10.931	ng/ul	0.00
24) 2-Nitrophenol-d4	9.993	143	60295	11.028	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	105057	10.534	ng/ul	0.00
31) 4-Chloroaniline-d4	11.063	131	76626	5.353	ng/ul	0.00
46) Dimethylphthalate-d6	14.134	166	387767	12.279	ng/ul	0.00
49) Acenaphthylene-d8	14.428	160	380338	11.014	ng/ul	0.00
54) 4-Nitrophenol-d4	14.957	143	30042	5.312	ng/ul	0.02
60) Fluorene-d10	15.722	176	326586	12.263	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	44620	7.544	ng/ul	0.00
73) Anthracene-d10	17.586	188	453892	10.686	ng/ul	0.00
81) Pyrene-d10	19.810	212	243716	5.253	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	106747	2.475	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.275	94	13309	1.036	ng/ul#	87
16) Acetophenone	8.928	105	79915	4.898	ng/ul	98
72) Phenanthrene	17.528	178	127981	2.555	ng/ul	100
80) Fluoranthene	19.486	202	334023	5.910	ng/ul	97
82) Pyrene	19.839	202	91536	1.565	ng/ul	99
85) Benzo(a)anthracene	21.551	228	188697	3.114	ng/ul	99
87) Chrysene	21.610	228	166649	2.909	ng/ul	96
90) Benzo(b)fluoranthene	23.333	252	233652	4.211	ng/ul	99
91) Benzo(k)fluoranthene	23.333	252	233652	4.356	ng/ul	100

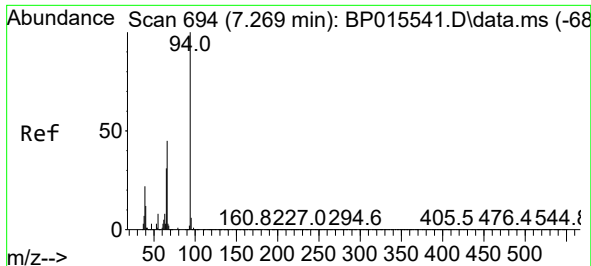
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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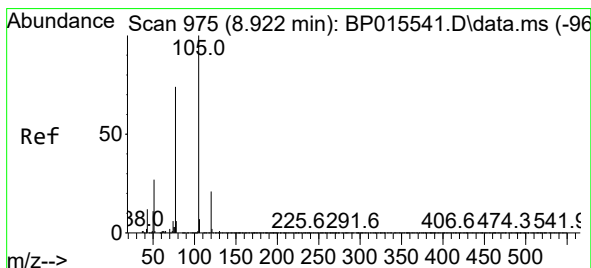
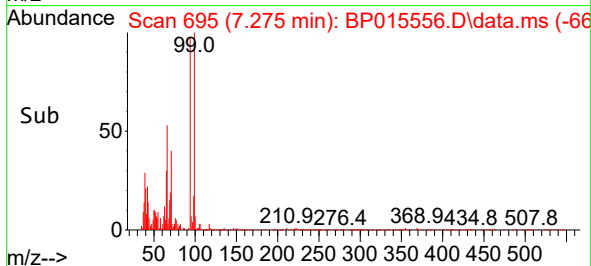
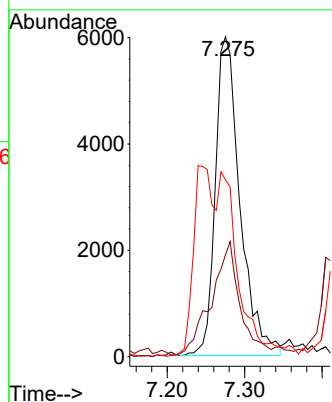
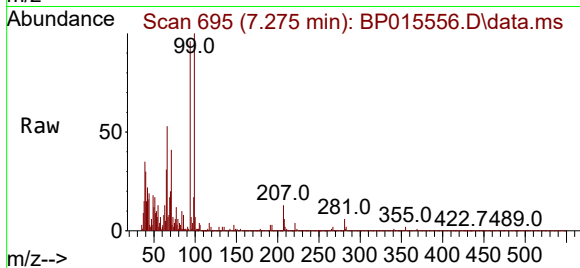




#8
Phenol
Concen: 1.036 ng/ul
RT: 7.275 min Scan# 694
Delta R.T. 0.006 min
Lab File: BP015556.D
Acq: 15 Jun 2023 15:19

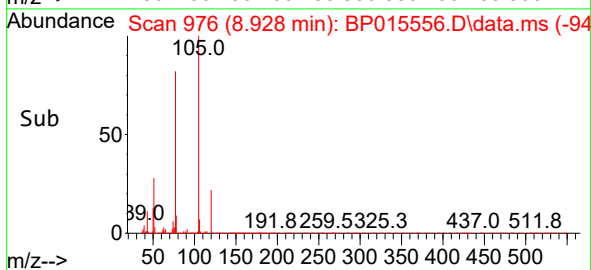
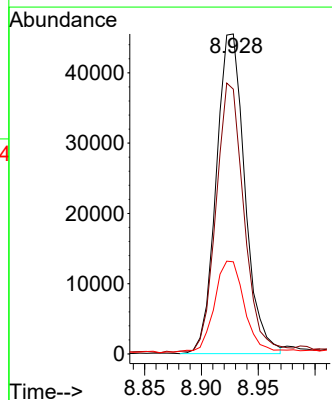
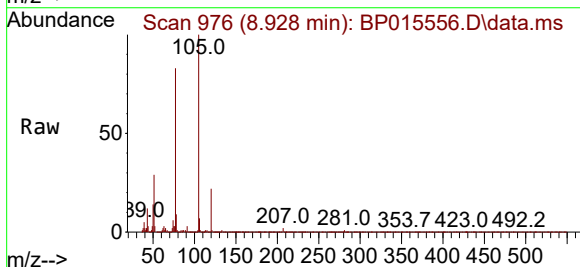
Instrument :
BNA_P
ClientSampleId :
DCFR9

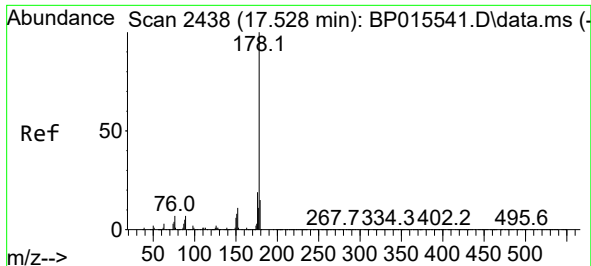
Tgt Ion: 94 Resp: 13309
Ion Ratio Lower Upper
94 100
65 31.9 23.5 35.3
66 55.3 34.2 51.4#



#16
Acetophenone
Concen: 4.898 ng/ul
RT: 8.928 min Scan# 976
Delta R.T. 0.006 min
Lab File: BP015556.D
Acq: 15 Jun 2023 15:19

Tgt Ion: 105 Resp: 79915
Ion Ratio Lower Upper
105 100
77 82.7 64.9 97.3
51 28.8 23.5 35.3

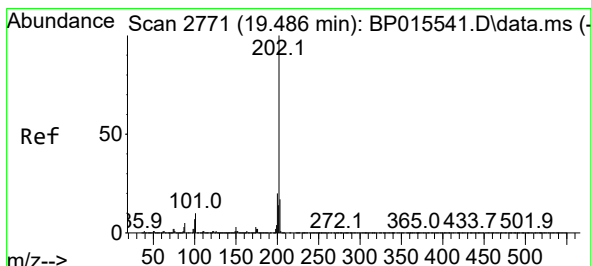
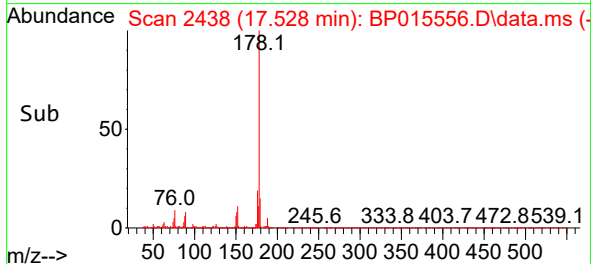
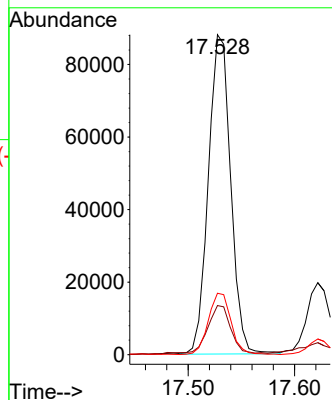
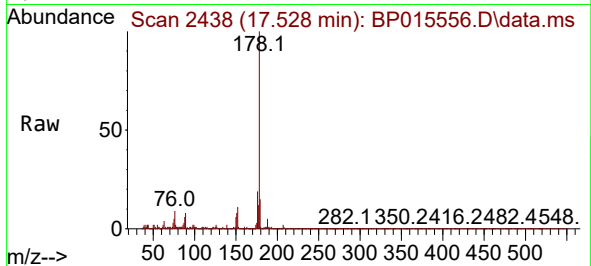




#72
Phenanthrene
Concen: 2.555 ng/ul
RT: 17.528 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BP015556.D
Acq: 15 Jun 2023 15:19

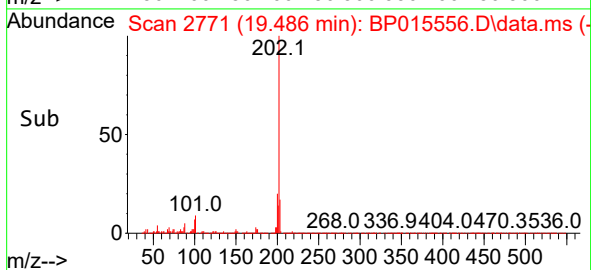
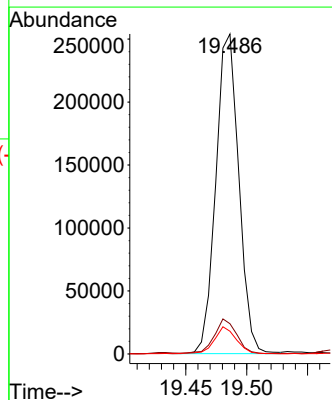
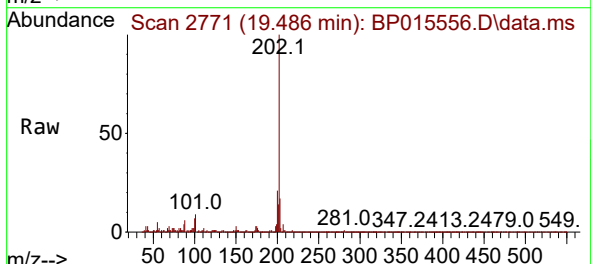
Instrument :
BNA_P
ClientSampleId :
DCFR9

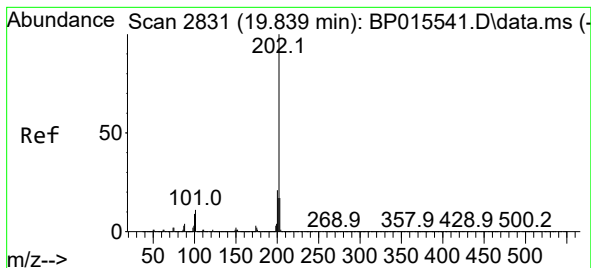
Tgt Ion:178 Resp: 127981
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 19.2 15.4 23.0



#80
Fluoranthene
Concen: 5.910 ng/ul
RT: 19.486 min Scan# 2771
Delta R.T. -0.000 min
Lab File: BP015556.D
Acq: 15 Jun 2023 15:19

Tgt Ion:202 Resp: 334023
Ion Ratio Lower Upper
202 100
101 9.5 8.6 13.0
100 7.1 6.6 9.8





#82

Pyrene

Concen: 1.565 ng/ul

RT: 19.839 min Scan# 2831

Delta R.T. -0.000 min

Lab File: BP015556.D

Acq: 15 Jun 2023 15:19

Instrument :

BNA_P

ClientSampleId :

DCFR9

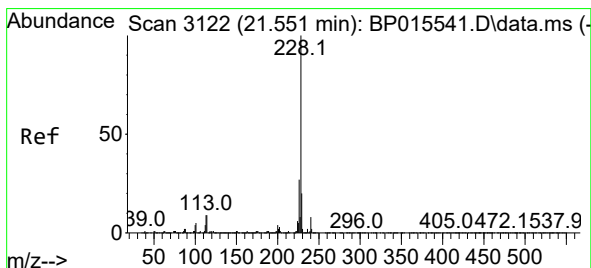
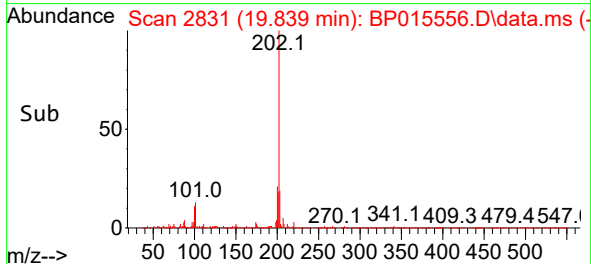
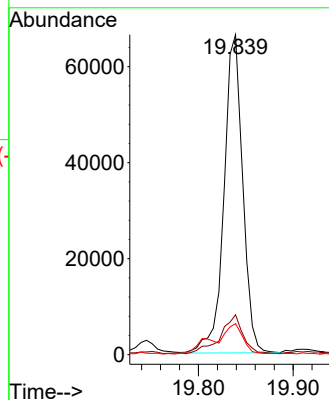
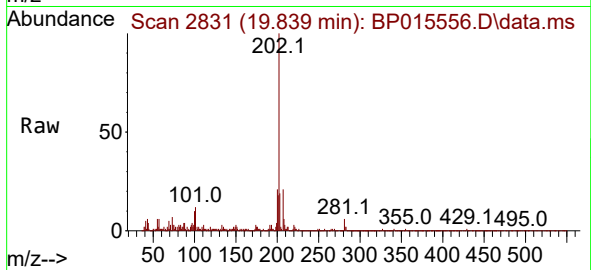
Tgt Ion:202 Resp: 91536

Ion Ratio Lower Upper

202 100

101 12.5 9.9 14.9

100 9.7 8.4 12.6



#85

Benzo(a)anthracene

Concen: 3.114 ng/ul

RT: 21.551 min Scan# 3122

Delta R.T. -0.000 min

Lab File: BP015556.D

Acq: 15 Jun 2023 15:19

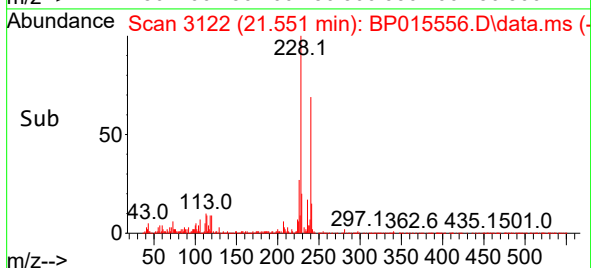
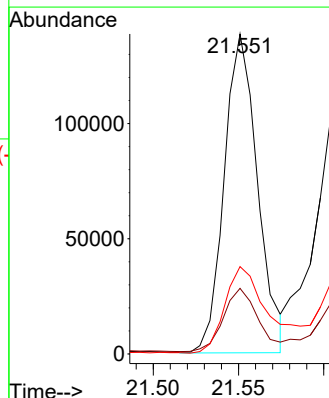
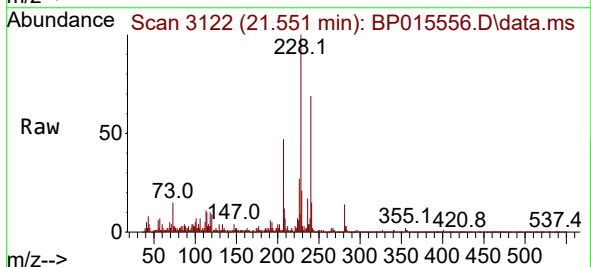
Tgt Ion:228 Resp: 188697

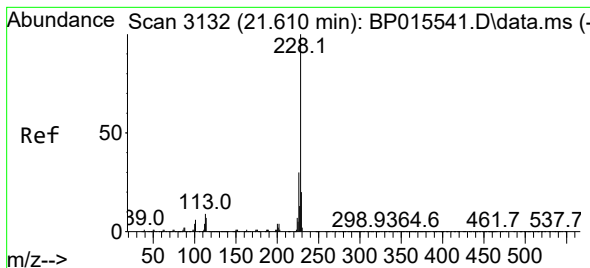
Ion Ratio Lower Upper

228 100

229 20.5 15.8 23.6

226 27.3 21.8 32.6





#87

Chrysene

Concen: 2.909 ng/ul

RT: 21.610 min Scan# 3132

Delta R.T. -0.000 min

Lab File: BP015556.D

Acq: 15 Jun 2023 15:19

Instrument :

BNA_P

ClientSampleId :

DCFR9

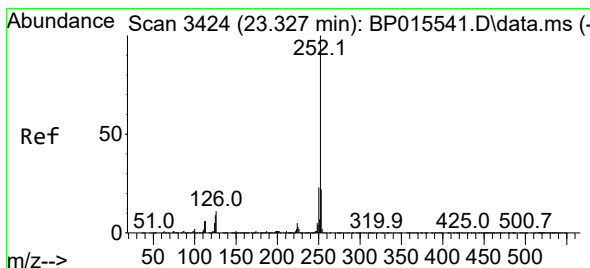
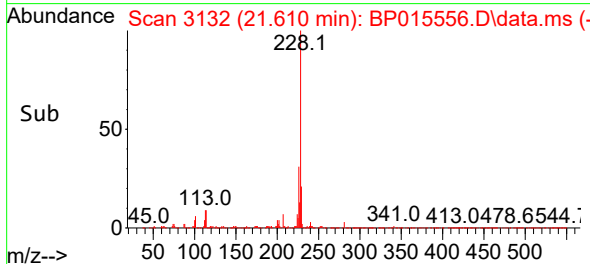
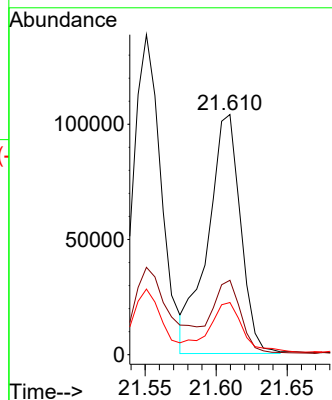
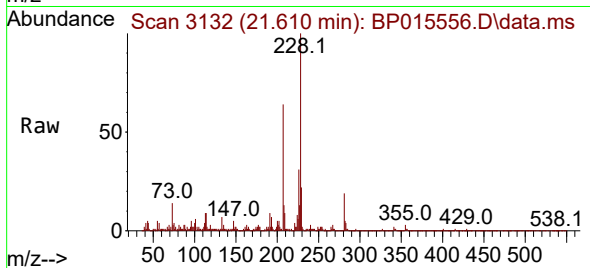
Tgt Ion:228 Resp: 166649

Ion Ratio Lower Upper

228 100

226 31.0 23.9 35.9

229 21.7 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 4.211 ng/ul

RT: 23.333 min Scan# 3425

Delta R.T. 0.006 min

Lab File: BP015556.D

Acq: 15 Jun 2023 15:19

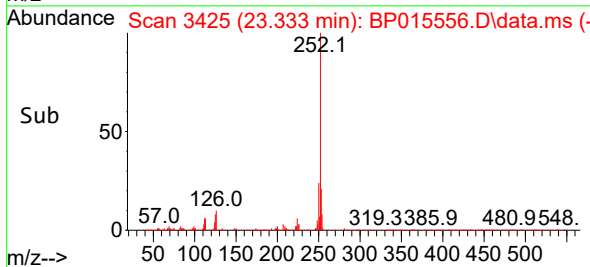
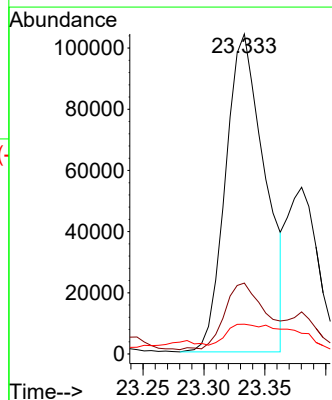
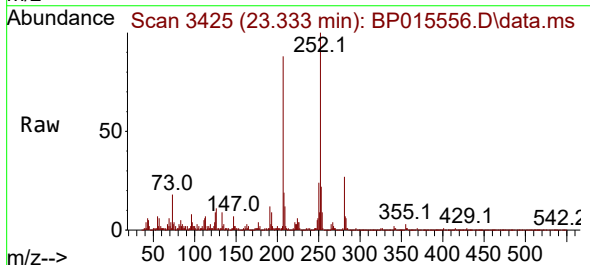
Tgt Ion:252 Resp: 233652

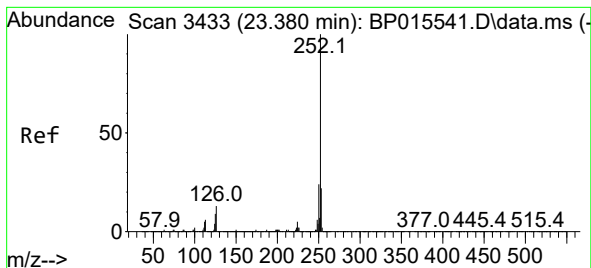
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 9.3 7.3 10.9





#91

Benzo(k)fluoranthene

Concen: 4.356 ng/ul

RT: 23.333 min Scan# 34

Delta R.T. -0.047 min

Lab File: BP015556.D

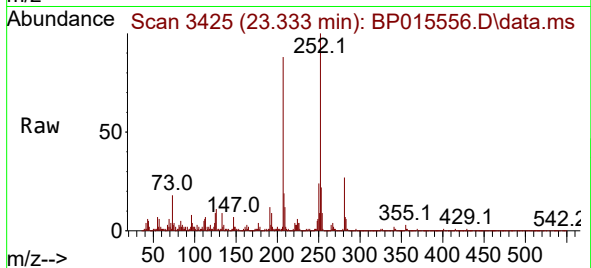
Acq: 15 Jun 2023 15:19

Instrument :

BNA_P

ClientSampleId :

DCFR9



Tgt Ion:252 Resp: 233652

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 9.3 7.3 10.9

