

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
 Data File : BP017899.D
 Acq On : 02 Nov 2023 22:18
 Operator : MA/JU
 Sample : 05060-11
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKG9

Quant Time: Nov 02 23:41:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 01:32:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	149348	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.710	136	556639	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.575	164	313811	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.369	188	611585	20.000	ng/ul	0.00
79) Chrysene-d12	21.522	240	498839	20.000	ng/ul	0.00
88) Perylene-d12	24.080	264	540769	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	7149	1.781	ng/uL	0.02
4) Pyridine-d5	3.687	84	377	0.036	ng/ul	0.00
7) Phenol-d5	7.046	99	133365	10.731	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	86974	11.332	ng/ul	0.00
11) 2-Chlorophenol-d4	7.399	132	116646	11.508	ng/ul	-0.01
15) 4-Methylphenol-d8	8.605	113	89170	9.137	ng/ul	0.00
21) Nitrobenzene-d5	9.087	128	57054	12.649	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.799	143	61360	12.312	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.334	165	108553	11.104	ng/ul	0.00
31) 4-Chloroaniline-d4	10.887	131	65359	5.109	ng/ul	0.00
46) Dimethylphthalate-d6	13.993	166	345467	13.114	ng/ul	-0.01
49) Acenaphthylene-d8	14.275	160	376535	12.817	ng/ul	0.00
54) 4-Nitrophenol-d4	14.793	143	142	0.038	ng/ul	-0.04
60) Fluorene-d10	15.581	176	279549	12.276	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.740	200	13894	3.449	ng/ul	0.00
73) Anthracene-d10	17.475	188	410921	13.148	ng/ul	0.00
81) Pyrene-d10	19.734	212	455104	14.552	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.910	264	390132	12.953	ng/ul	0.01
Target Compounds						
					Qvalue	
8) Phenol	7.075	94	17981	1.467	ng/ul	94
16) Acetophenone	8.734	105	107027	6.975	ng/ul	93
30) Naphthalene	10.758	128	61405	1.917	ng/ul	97
36) 2-Methylnaphthalene	12.381	142	62292	2.879	ng/ul	100
37) 1-Methylnaphthalene	12.599	142	48101	2.174	ng/ul	99
50) Acenaphthylene	14.304	152	193393	5.877	ng/ul	98
52) Acenaphthene	14.640	153	824020	37.041	ng/ul	99
56) Dibenzofuran	14.981	168	238180	7.626	ng/ul#	88
61) Fluorene	15.640	166	511924	19.953	ng/ul	99
71) Pentachlorophenol	17.004	266	13658	2.765	ng/ul	96
72) Phenanthrene	17.416	178	4032455	112.555	ng/ul	98
74) Anthracene	17.510	178	2091896	57.650	ng/ul	99
77) Carbazole	17.804	167	426434	13.905	ng/ul	96
80) Fluoranthene	19.410	202	7571719	210.719	ng/ul	100
82) Pyrene	19.769	202	5986803	157.262	ng/ul	99
85) Benzo(a)anthracene	21.504	228	1638491	43.206	ng/ul	97
87) Chrysene	21.557	228	1787780	49.852	ng/ul	97
90) Benzo(b)fluoranthene	23.286	252	1717176	46.658	ng/ul	98
91) Benzo(k)fluoranthene	23.333	252	501973	13.458	ng/ul	98
93) Benzo(a)pyrene	23.963	252	649113	18.787	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.798	276	553447	13.440	ng/ul	99
95) Dibenzo(a,h)anthracene	26.810	278	87698	2.552	ng/ul#	90
96) Benzo(g,h,i)perylene	27.657	276	519071	15.645	ng/ul	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017899.D
Acq On : 02 Nov 2023 22:18
Operator : MA/JU
Sample : 05060-11
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKG9

Quant Time: Nov 02 23:41:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 01:32:15 2023
Response via : Initial Calibration

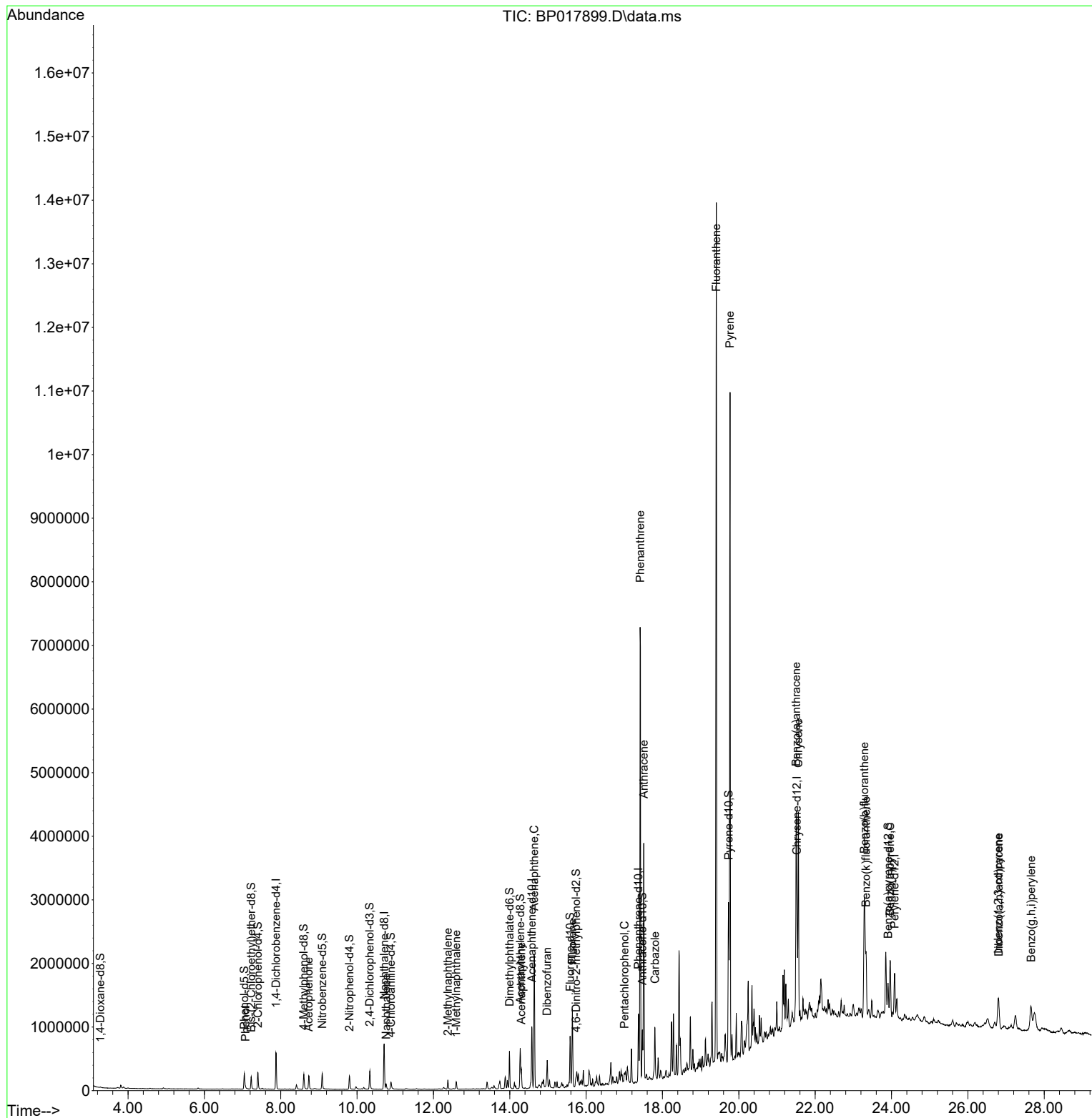
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

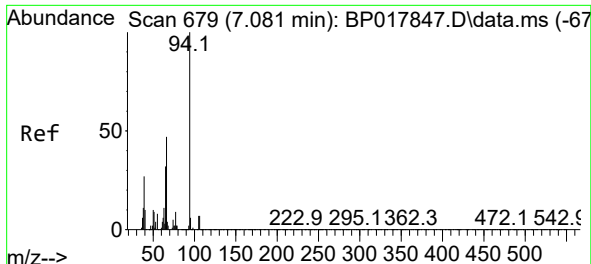
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017899.D
Acq On : 02 Nov 2023 22:18
Operator : MA/JU
Sample : 05060-11
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKG9

Quant Time: Nov 02 23:41:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 01:32:15 2023
Response via : Initial Calibration

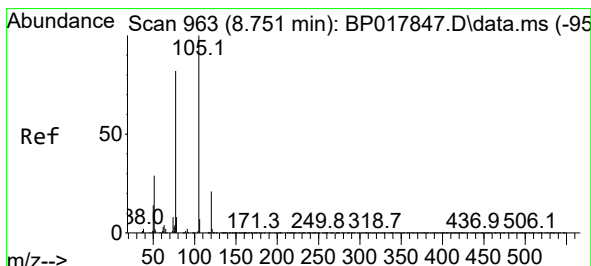
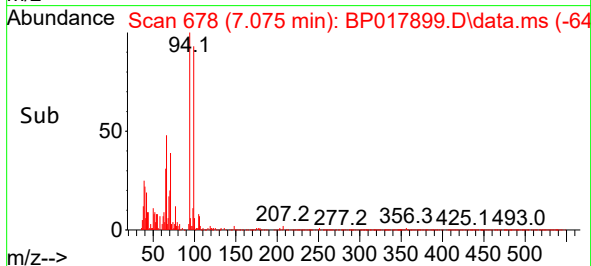
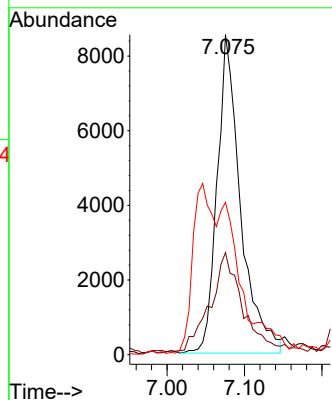
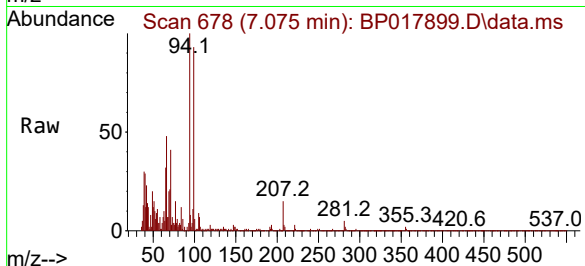




#8
Phenol
Concen: 1.467 ng/ul
RT: 7.075 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP017899.D
Acq: 02 Nov 2023 22:18

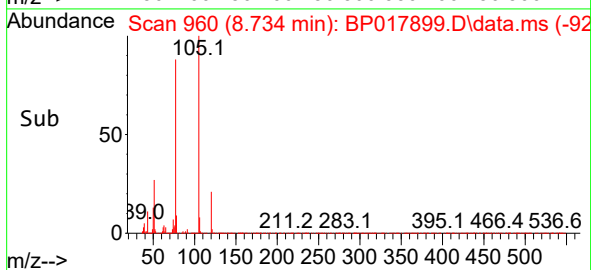
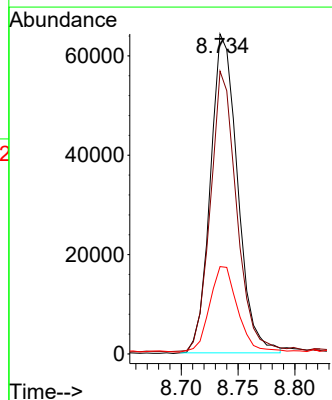
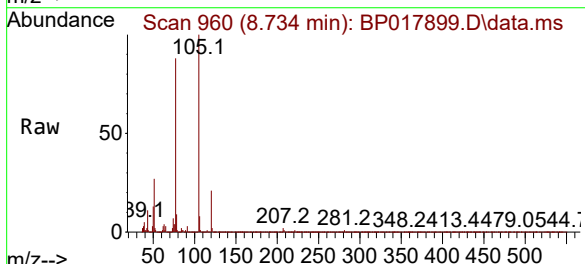
Instrument :
BNA_P
ClientSampleId :
DCKG9

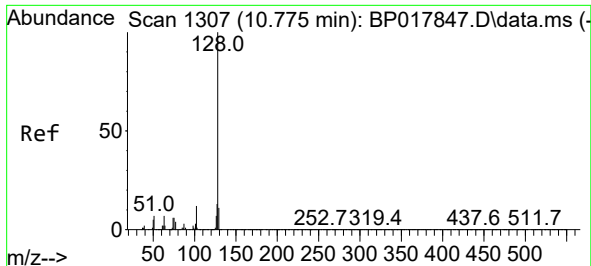
Tgt Ion: 94 Resp: 17981
Ion Ratio Lower Upper
94 100
65 31.9 25.0 37.4
66 47.6 33.0 49.6



#16
Acetophenone
Concen: 6.975 ng/ul
RT: 8.734 min Scan# 960
Delta R.T. -0.012 min
Lab File: BP017899.D
Acq: 02 Nov 2023 22:18

Tgt Ion: 105 Resp: 107027
Ion Ratio Lower Upper
105 100
77 88.3 64.4 96.6
51 27.3 21.2 31.8

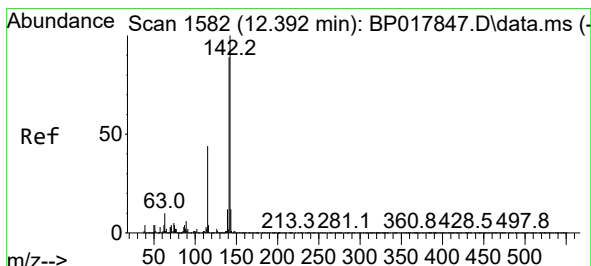
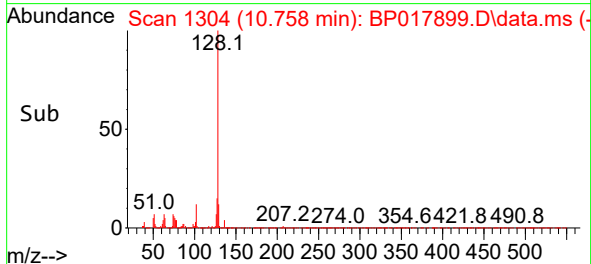
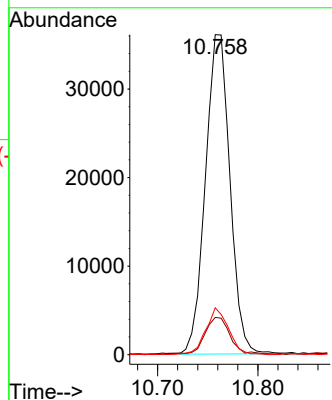
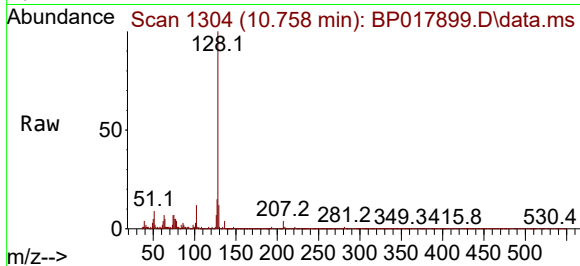




#30
Naphthalene
Concen: 1.917 ng/ul
RT: 10.758 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP017899.D
Acq: 02 Nov 2023 22:18

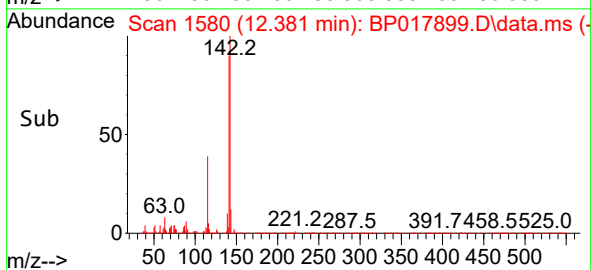
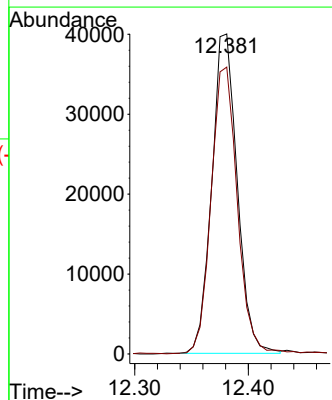
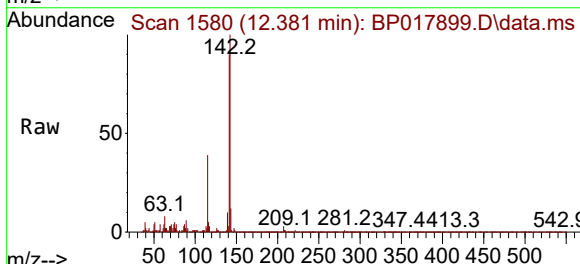
Instrument :
BNA_P
ClientSampleId :
DCKG9

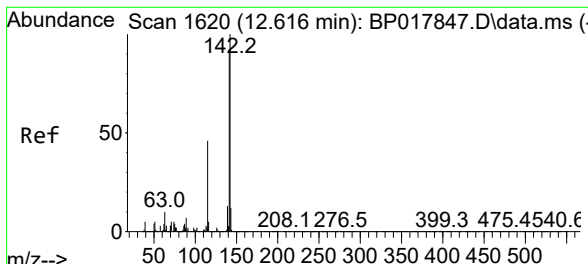
Tgt Ion:128 Resp: 61405
Ion Ratio Lower Upper
128 100
129 11.7 8.7 13.1
127 14.7 10.5 15.7



#36
2-Methylnaphthalene
Concen: 2.879 ng/ul
RT: 12.381 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BP017899.D
Acq: 02 Nov 2023 22:18

Tgt Ion:142 Resp: 62292
Ion Ratio Lower Upper
142 100
141 89.7 71.5 107.3



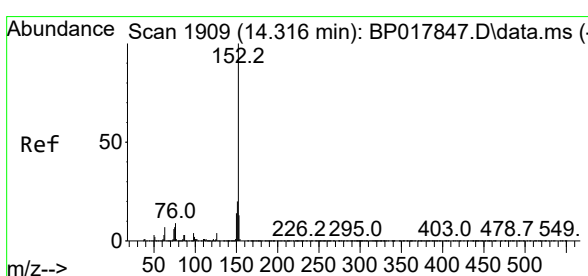
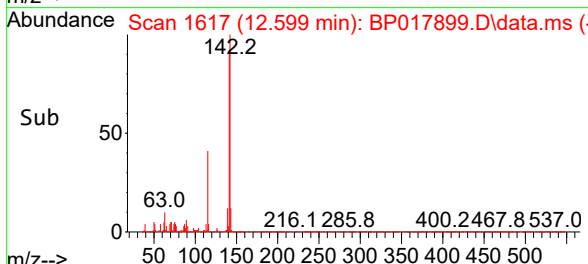
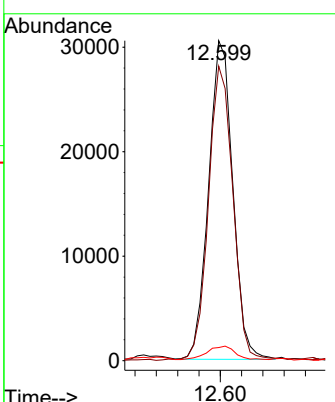
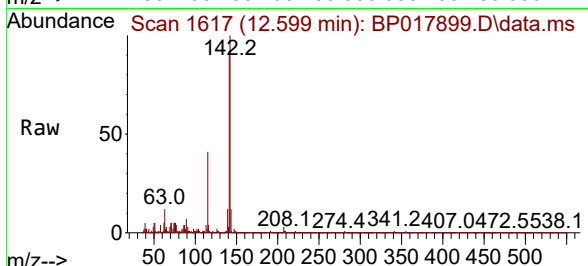


#37
 1-Methylnaphthalene
 Concen: 2.174 ng/ul
 RT: 12.599 min Scan# 1617
 Delta R.T. -0.012 min
 Lab File: BP017899.D
 Acq: 02 Nov 2023 22:18

Instrument :
 BNA_P
 ClientSampleId :
 DCKG9

Tgt Ion:142 Resp: 48101

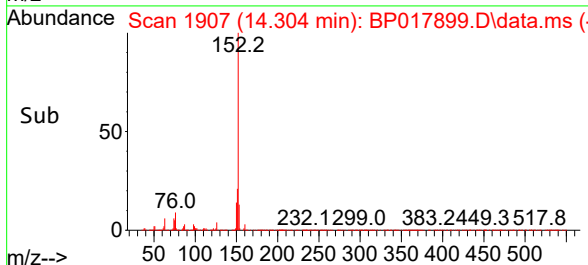
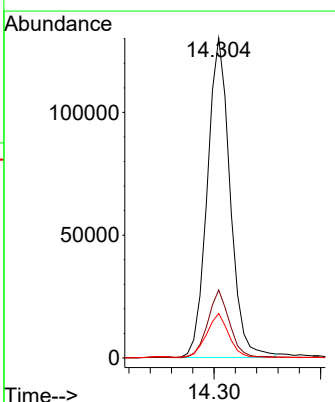
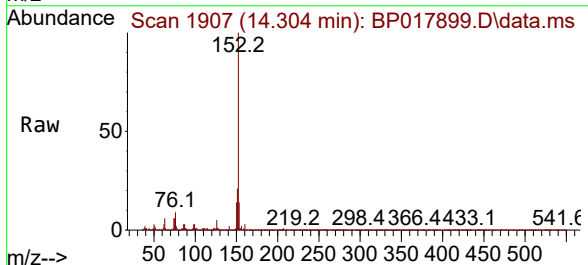
Ion	Ratio	Lower	Upper
142	100		
141	92.1	72.5	108.7
116	4.1	3.4	5.2

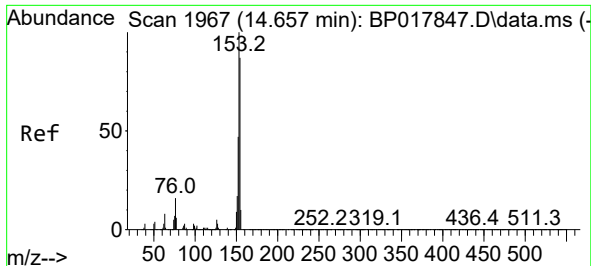


#50
 Acenaphthylene
 Concen: 5.877 ng/ul
 RT: 14.304 min Scan# 1907
 Delta R.T. -0.006 min
 Lab File: BP017899.D
 Acq: 02 Nov 2023 22:18

Tgt Ion:152 Resp: 193393

Ion	Ratio	Lower	Upper
152	100		
151	21.2	15.9	23.9
153	13.9	10.8	16.2

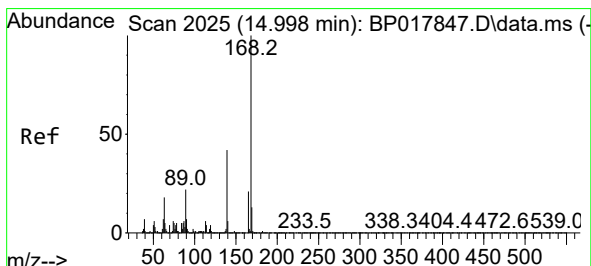
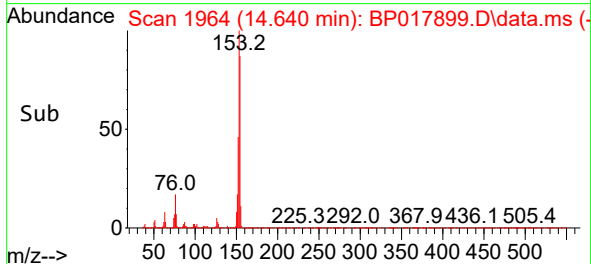
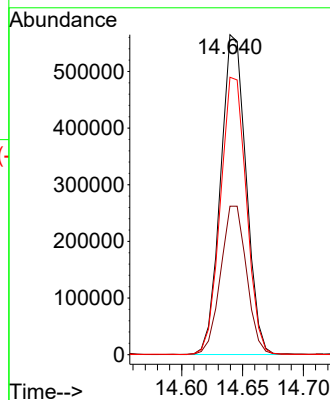
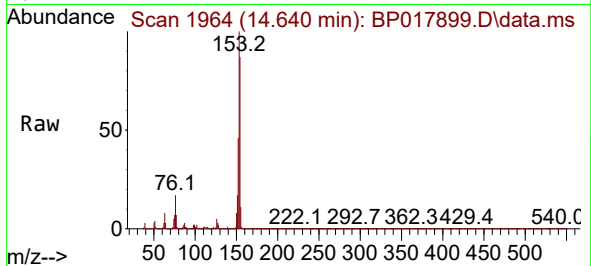




#52
Acenaphthene
Concen: 37.041 ng/ul
RT: 14.640 min Scan# 1964
Delta R.T. -0.012 min
Lab File: BP017899.D
Acq: 02 Nov 2023 22:18

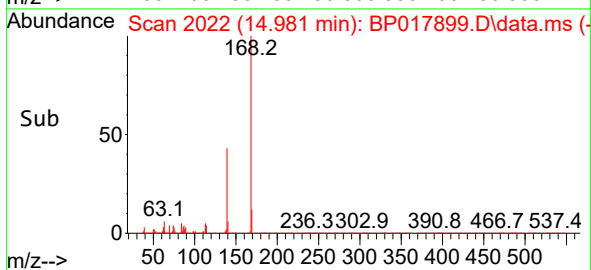
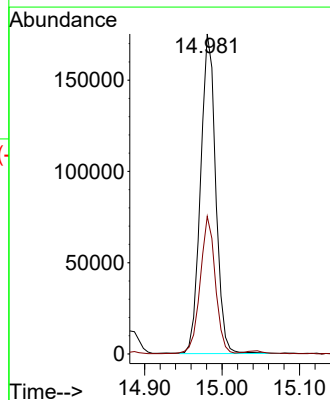
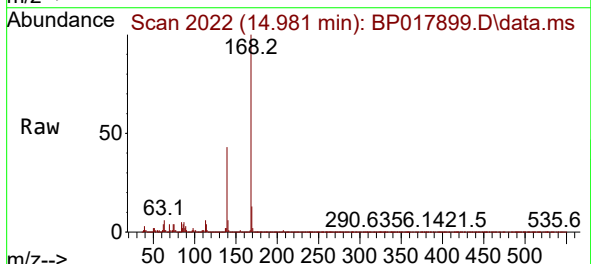
Instrument :
BNA_P
ClientSampleId :
DCKG9

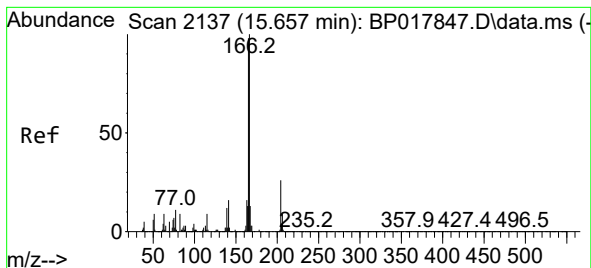
Tgt Ion:153 Resp: 824020
Ion Ratio Lower Upper
153 100
152 46.4 37.6 56.4
154 86.7 70.0 105.0



#56
Dibenzofuran
Concen: 7.626 ng/ul
RT: 14.981 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BP017899.D
Acq: 02 Nov 2023 22:18

Tgt Ion:168 Resp: 238180
Ion Ratio Lower Upper
168 100
139 43.0 28.6 43.0#





#61

Fluorene

Concen: 19.953 ng/ul

RT: 15.640 min Scan# 2137

Delta R.T. -0.006 min

Lab File: BP017899.D

Acq: 02 Nov 2023 22:18

Instrument :

BNA_P

ClientSampleId :

DCKG9

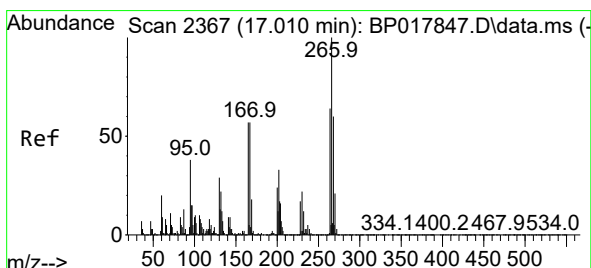
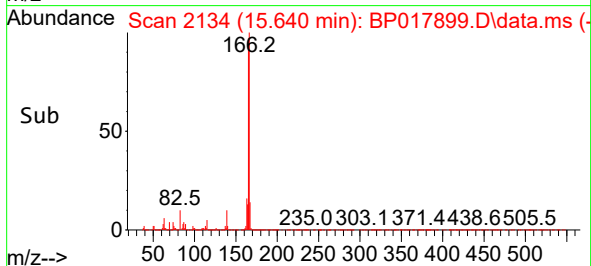
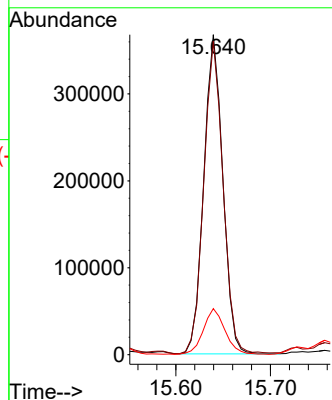
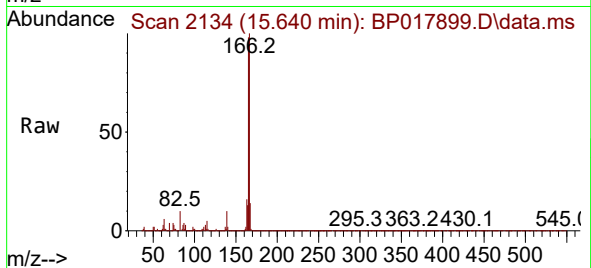
Tgt Ion:166 Resp: 511924

Ion Ratio Lower Upper

166 100

165 98.0 77.4 116.0

167 14.4 10.9 16.3



#71

Pentachlorophenol

Concen: 2.765 ng/ul

RT: 17.004 min Scan# 2366

Delta R.T. 0.000 min

Lab File: BP017899.D

Acq: 02 Nov 2023 22:18

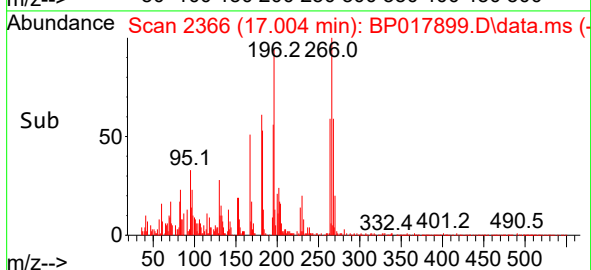
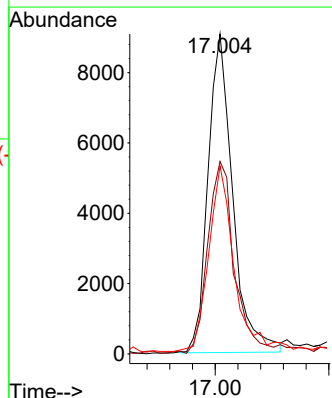
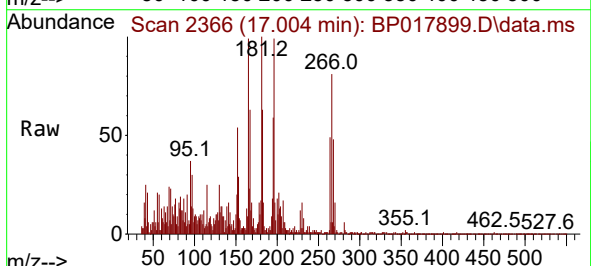
Tgt Ion:266 Resp: 13658

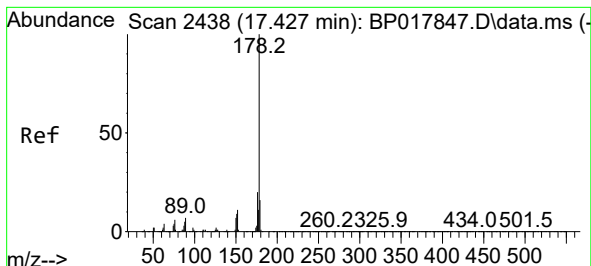
Ion Ratio Lower Upper

266 100

264 60.1 49.4 74.2

268 58.8 50.3 75.5





#72

Phenanthrene

Concen: 112.555 ng/ul

RT: 17.416 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BP017899.D

Acq: 02 Nov 2023 22:18

Instrument :

BNA_P

ClientSampleId :

DCKG9

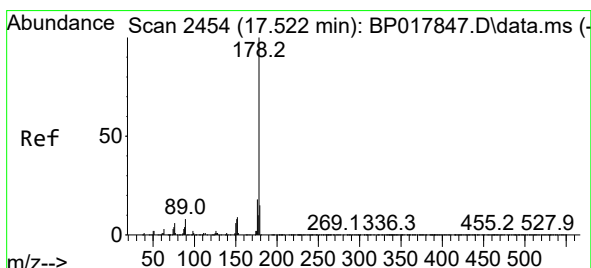
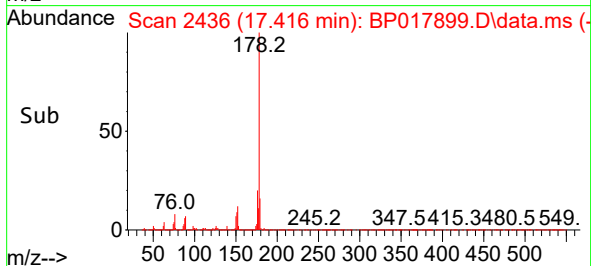
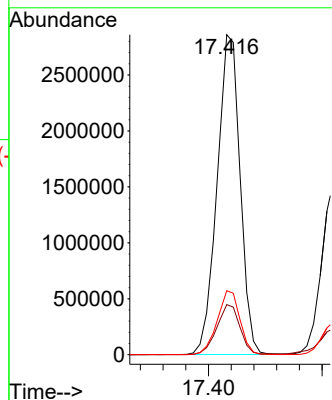
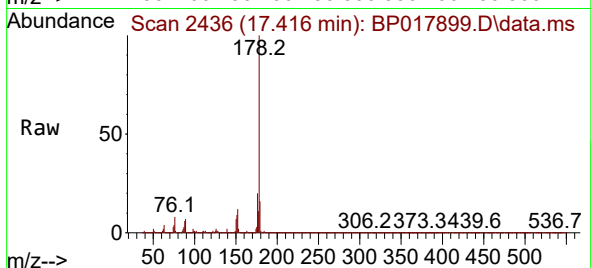
Tgt Ion:178 Resp: 4032455

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.2

176 20.0 15.3 22.9



#74

Anthracene

Concen: 57.650 ng/ul

RT: 17.510 min Scan# 2452

Delta R.T. 0.000 min

Lab File: BP017899.D

Acq: 02 Nov 2023 22:18

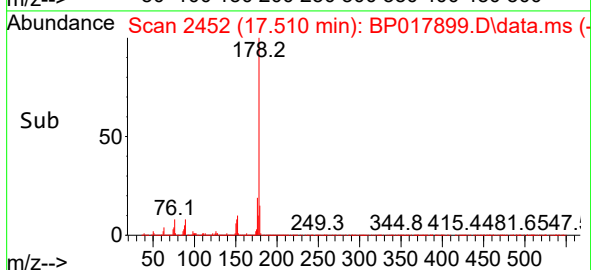
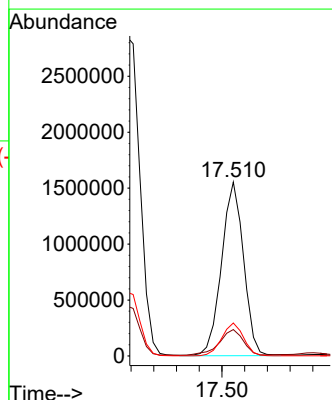
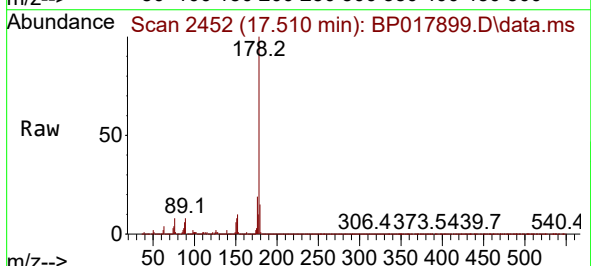
Tgt Ion:178 Resp: 2091896

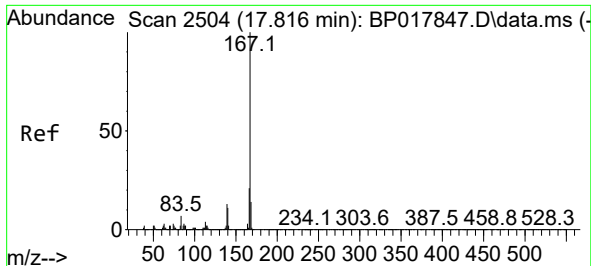
Ion Ratio Lower Upper

178 100

179 15.2 12.0 18.0

176 18.9 14.8 22.2

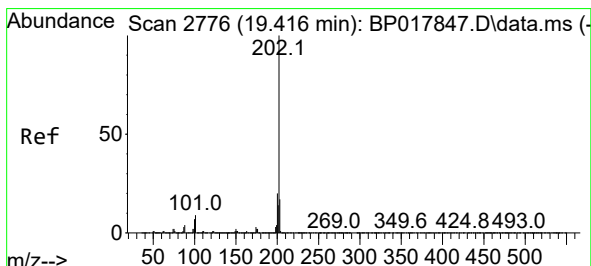
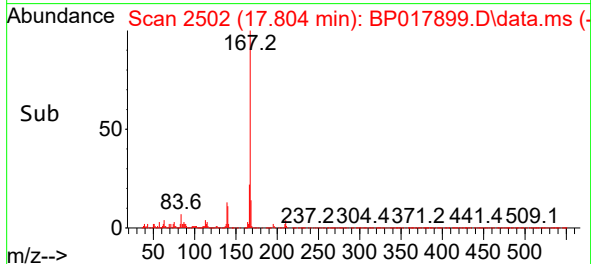
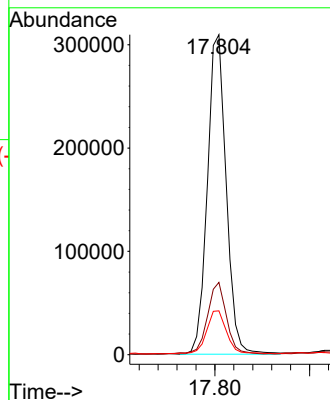
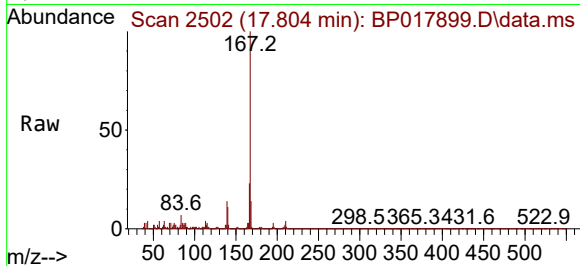




#77
Carbazole
Concen: 13.905 ng/ul
RT: 17.804 min Scan# 2504
Delta R.T. -0.006 min
Lab File: BP017899.D
Acq: 02 Nov 2023 22:18

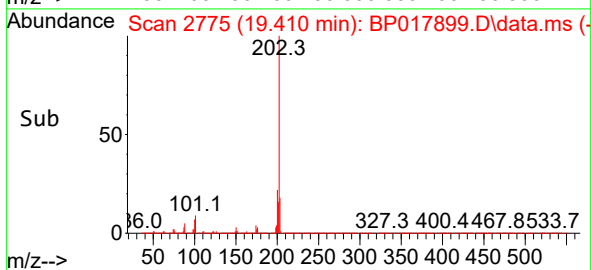
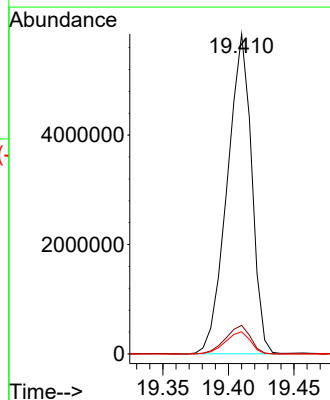
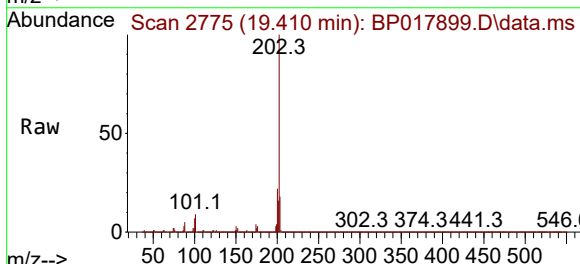
Instrument :
BNA_P
ClientSampleId :
DCKG9

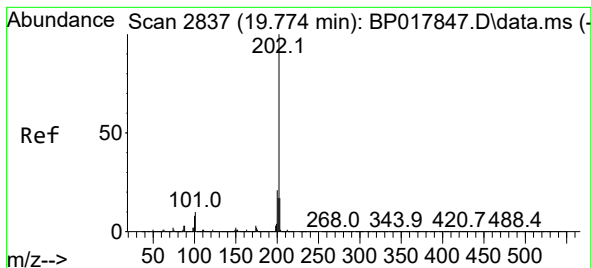
Tgt Ion:167 Resp: 426434
Ion Ratio Lower Upper
167 100
166 22.6 16.7 25.1
139 13.7 9.8 14.6



#80
Fluoranthene
Concen: 210.719 ng/ul
RT: 19.410 min Scan# 2775
Delta R.T. 0.006 min
Lab File: BP017899.D
Acq: 02 Nov 2023 22:18

Tgt Ion:202 Resp: 7571719
Ion Ratio Lower Upper
202 100
101 9.0 7.1 10.7
100 7.0 5.7 8.5





#82

Pyrene

Concen: 157.262 ng/ul

RT: 19.769 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP017899.D

Acq: 02 Nov 2023 22:18

Instrument :

BNA_P

ClientSampleId :

DCKG9

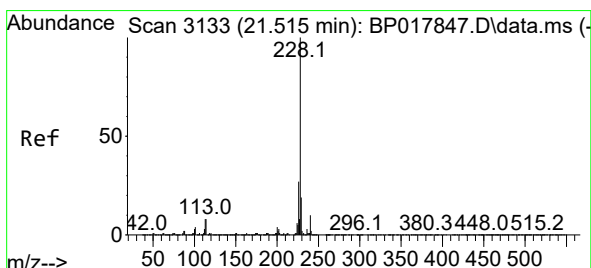
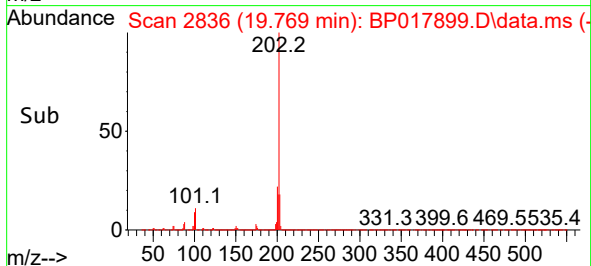
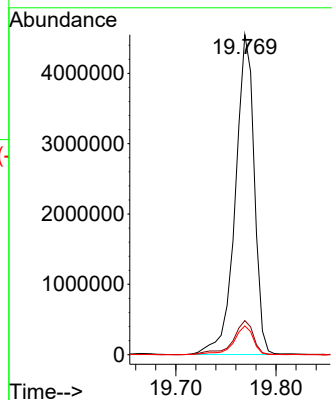
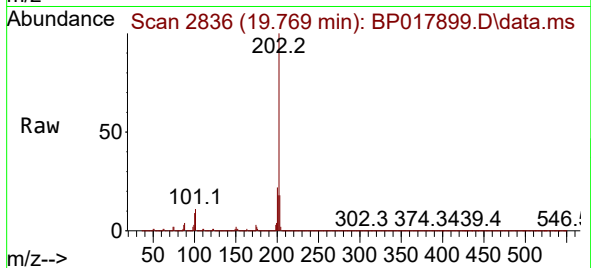
Tgt Ion:202 Resp: 5986803

Ion Ratio Lower Upper

202 100

101 10.6 8.3 12.5

100 9.0 7.4 11.0



#85

Benzo(a)anthracene

Concen: 43.206 ng/ul

RT: 21.504 min Scan# 3131

Delta R.T. 0.006 min

Lab File: BP017899.D

Acq: 02 Nov 2023 22:18

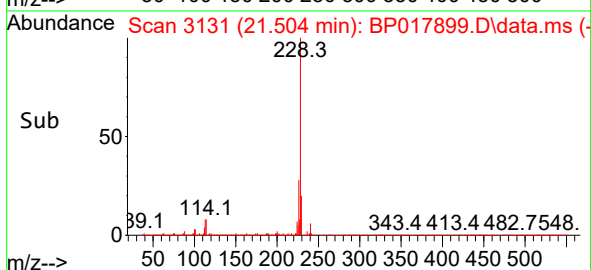
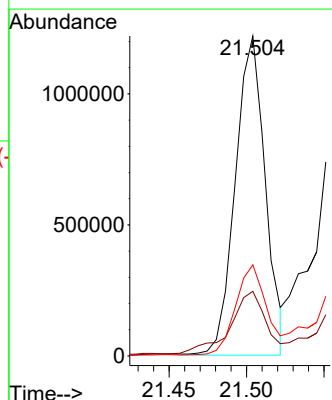
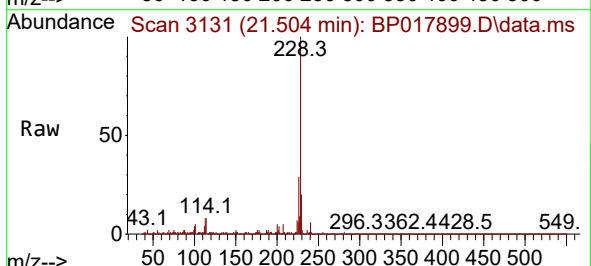
Tgt Ion:228 Resp: 1638491

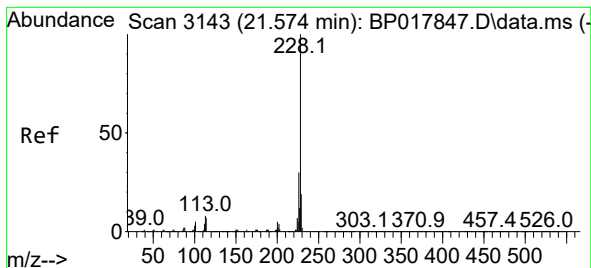
Ion Ratio Lower Upper

228 100

229 20.2 15.6 23.4

226 28.5 21.1 31.7





#87

Chrysene

Concen: 49.852 ng/ul

RT: 21.557 min Scan# 3143

Delta R.T. 0.000 min

Lab File: BP017899.D

Acq: 02 Nov 2023 22:18

Instrument :

BNA_P

ClientSampleId :

DCKG9

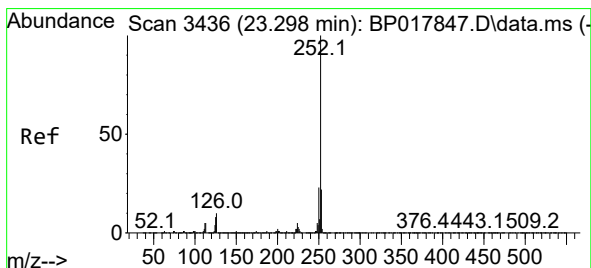
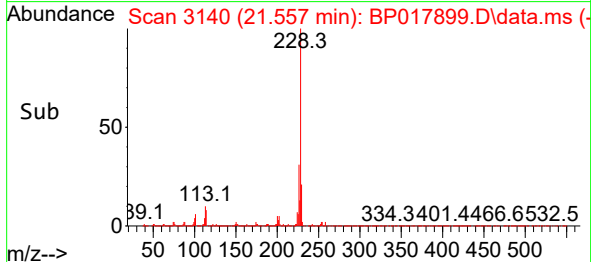
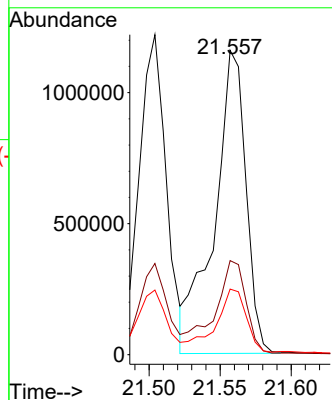
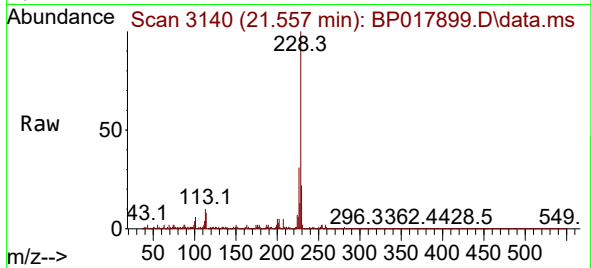
Tgt Ion:228 Resp: 1787780

Ion Ratio Lower Upper

228 100

226 30.9 24.0 36.0

229 21.5 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 46.658 ng/ul

RT: 23.286 min Scan# 3434

Delta R.T. 0.012 min

Lab File: BP017899.D

Acq: 02 Nov 2023 22:18

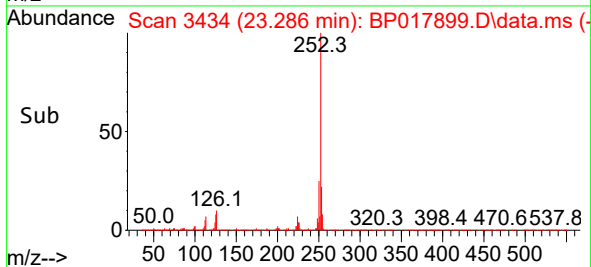
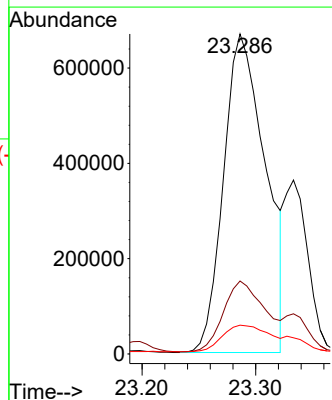
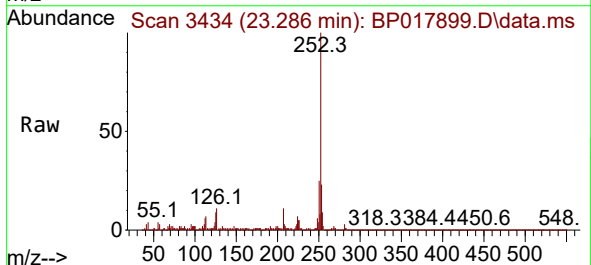
Tgt Ion:252 Resp: 1717176

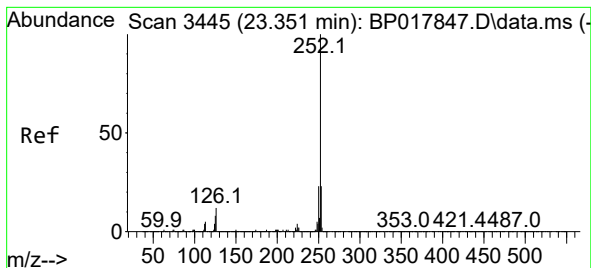
Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

125 9.0 7.1 10.7





#91

Benzo(k)fluoranthene

Concen: 13.458 ng/ul

RT: 23.333 min Scan# 3445

Delta R.T. 0.006 min

Lab File: BP017899.D

Acq: 02 Nov 2023 22:18

Instrument :

BNA_P

ClientSampleId :

DCKG9

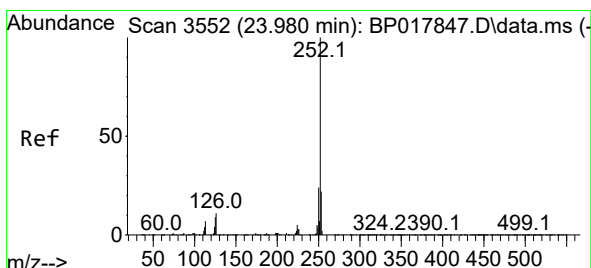
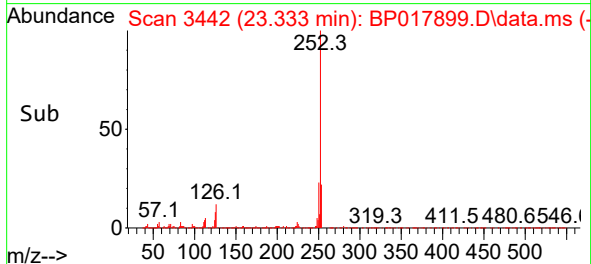
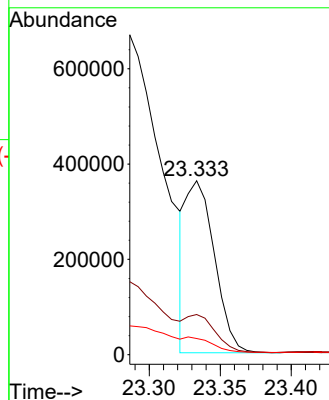
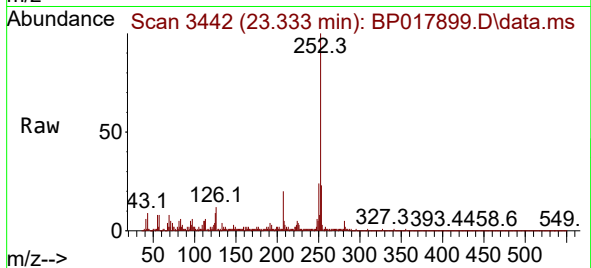
Tgt Ion:252 Resp: 501973

Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

125 9.3 7.0 10.6



#93

Benzo(a)pyrene

Concen: 18.787 ng/ul

RT: 23.963 min Scan# 3549

Delta R.T. 0.006 min

Lab File: BP017899.D

Acq: 02 Nov 2023 22:18

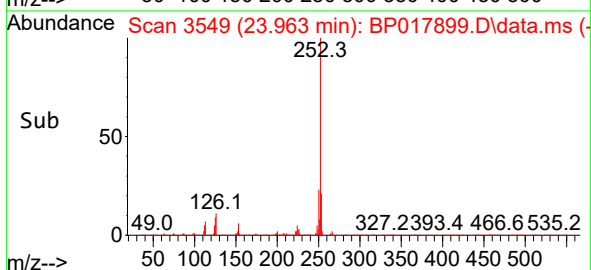
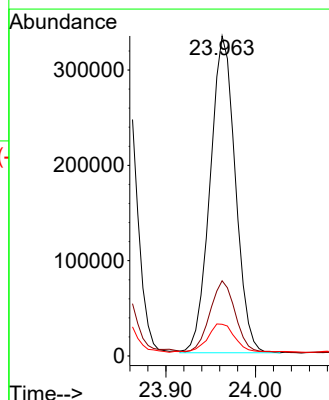
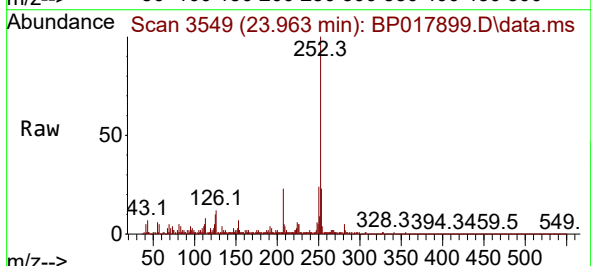
Tgt Ion:252 Resp: 649113

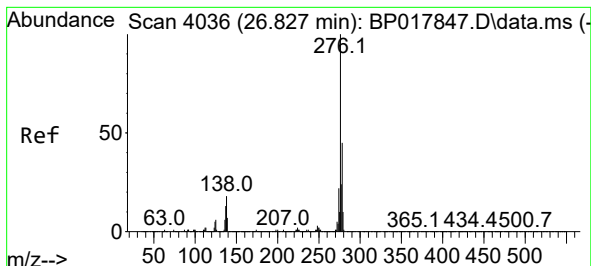
Ion Ratio Lower Upper

252 100

253 23.5 17.4 26.2

125 9.9 7.8 11.6





#94

Indeno(1,2,3-cd)pyrene

Concen: 13.440 ng/ul

RT: 26.798 min Scan# 4031

Delta R.T. 0.018 min

Lab File: BP017899.D

Acq: 02 Nov 2023 22:18

Instrument :

BNA_P

ClientSampleId :

DCKG9

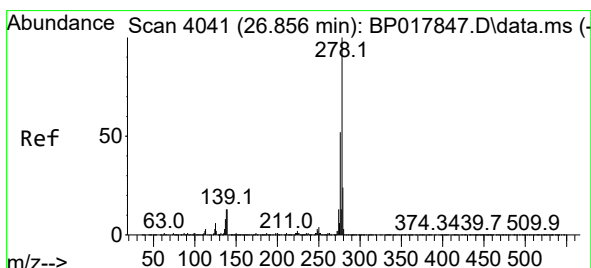
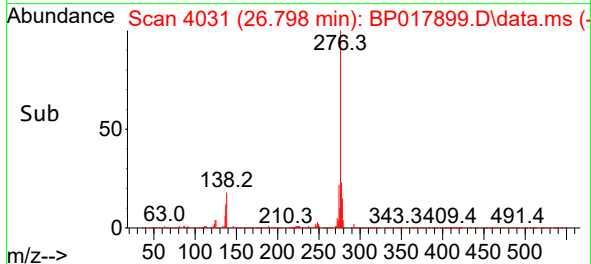
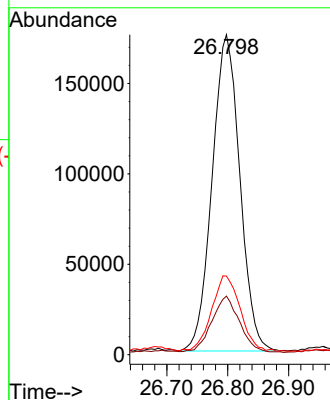
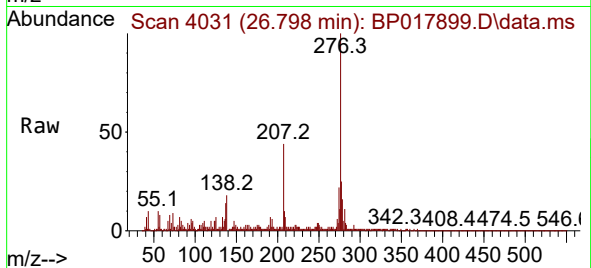
Tgt Ion:276 Resp: 553447

Ion Ratio Lower Upper

276 100

138 18.3 15.6 23.4

277 24.6 19.4 29.2



#95

Dibenzo(a,h)anthracene

Concen: 2.552 ng/ul

RT: 26.810 min Scan# 4033

Delta R.T. 0.000 min

Lab File: BP017899.D

Acq: 02 Nov 2023 22:18

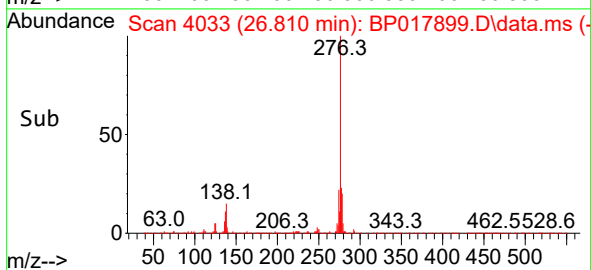
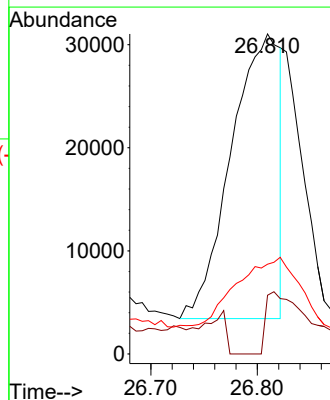
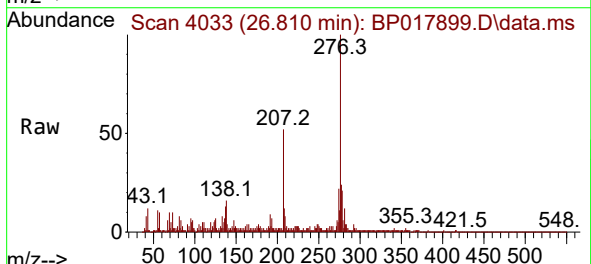
Tgt Ion:278 Resp: 87698

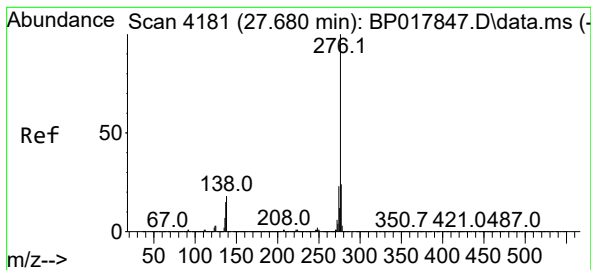
Ion Ratio Lower Upper

278 100

139 18.4 11.4 17.2#

279 28.1 18.8 28.2





#96

Benzo(g,h,i)perylene

Concen: 15.645 ng/ul

RT: 27.657 min Scan# 41

Delta R.T. 0.029 min

Lab File: BP017899.D

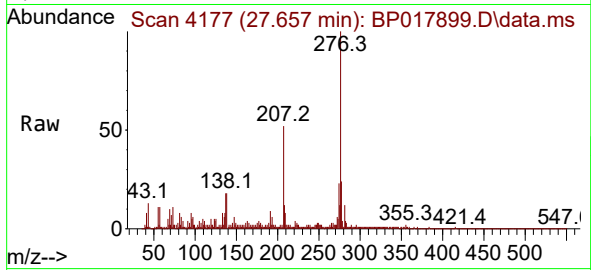
Acq: 02 Nov 2023 22:18

Instrument :

BNA_P

ClientSampleId :

DCKG9



Tgt Ion:276 Resp: 519071

Ion Ratio Lower Upper

276 100

138 18.1 15.0 22.6

277 24.4 18.5 27.7

