

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012924\
 Data File : BP019475.D
 Acq On : 29 Jan 2024 20:27
 Operator : MA/JU
 Sample : P1260-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SU-03-01252024

Manual Integrations
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Reviewed By :Jagrut
 Upadhyay

Quant Time: Jan 30 01:22:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 00:59:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	84738	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	344577	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	209257	20.000	ng	0.00
64) Phenanthrene-d10	17.322	188	386963	20.000	ng	0.00
76) Chrysene-d12	21.416	240	292797	20.000	ng	0.00
86) Perylene-d12	23.851	264	337461	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	504059	94.652	ng	0.00
7) Phenol-d6	7.099	99	705007	90.684	ng	0.00
23) Nitrobenzene-d5	9.099	82	498332	59.509	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	239293	83.464	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	1026061	63.134	ng	0.00
79) Terphenyl-d14	19.886	244	1037762	50.496	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.781	128	143351	7.456	ng	98
37) 2-Methylnaphthalene	12.393	142	101787	7.386	ng	97
38) 1-Methylnaphthalene	12.610	142	65595	4.812	ng	99
52) Acenaphthene	14.628	154	205823	17.090	ng	98
55) Dibenzofuran	14.963	168	254140	12.872	ng	98
58) Fluorene	15.610	166	295154	18.068	ng	99
71) Phenanthrene	17.363	178	1077590	52.301	ng	99
72) Anthracene	17.451	178	118262	5.749	ng	99
75) Fluoranthene	19.328	202	679825	27.256	ng	99
78) Pyrene	19.680	202	484175	19.817	ng	99
81) Benzo(a)anthracene	21.398	228	162497	7.700	ng	98
83) Chrysene	21.451	228	139368	7.080	ng	98
87) Indeno(1,2,3-cd)pyrene	26.392	276	45660	2.030	ng	96
88) Benzo(b)fluoranthene	23.110	252	121784	5.397	ng	# 91
89) Benzo(k)fluoranthene	23.151	252	43725m	2.033	ng	
90) Benzo(a)pyrene	23.739	252	83484	4.333	ng	99
92) Benzo(g,h,i)perylene	27.168	276	42898	2.314	ng	96

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

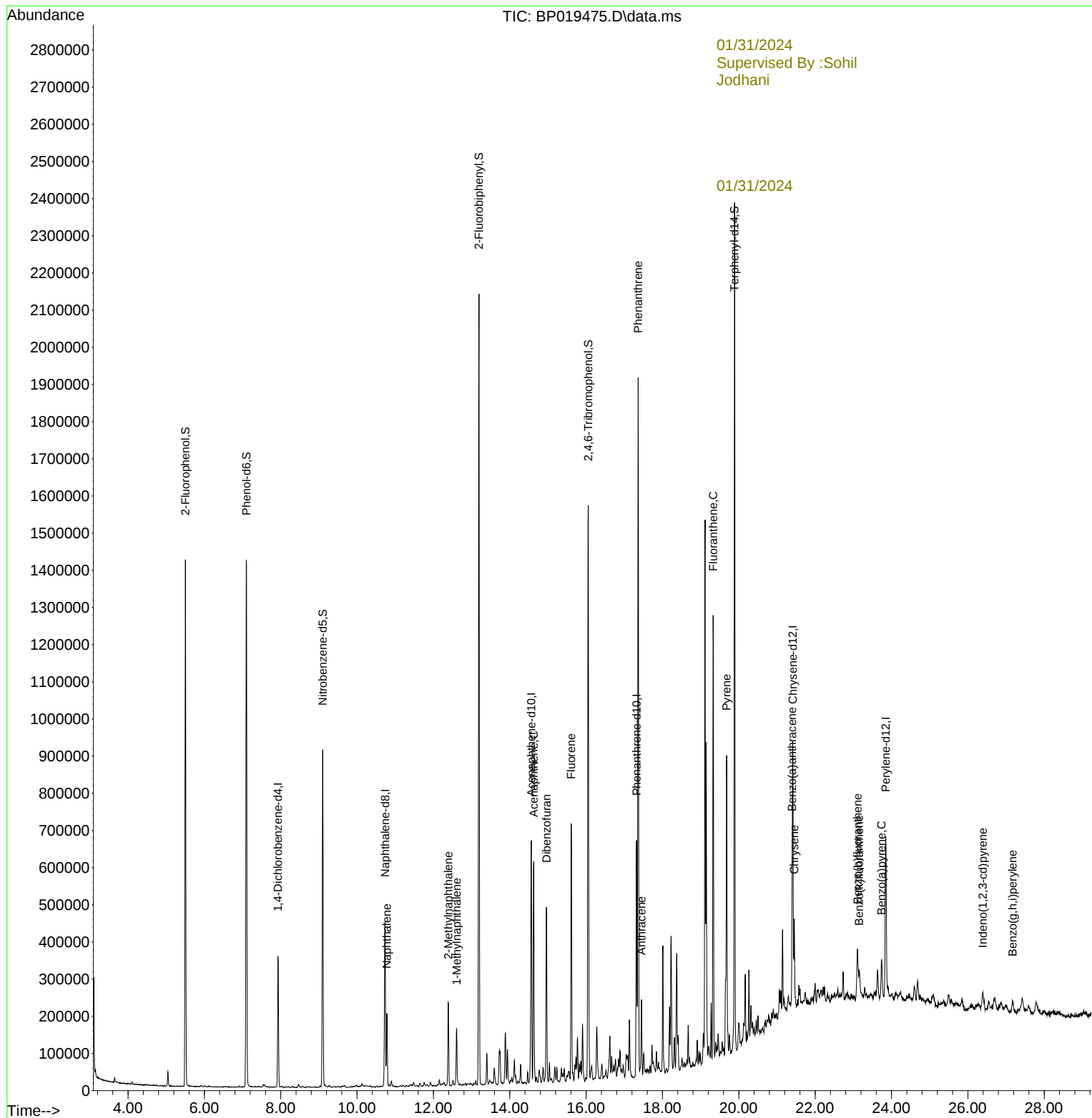
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012924\
Data File : BP019475.D
Acq On : 29 Jan 2024 20:27
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ALS Vial : 16 Sample Multiplier: 1

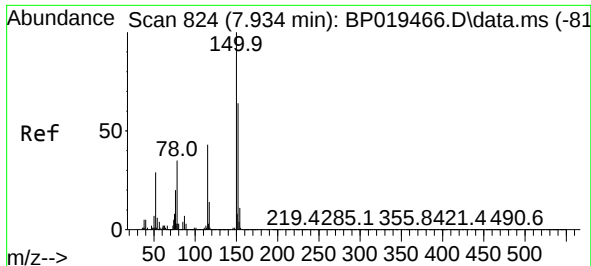
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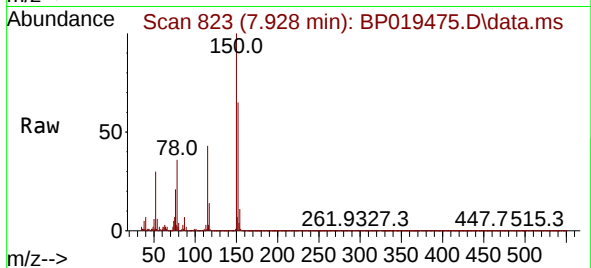
Quant Time: Jan 30 01:22:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 00:59:08 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019475.D
Acq: 29 Jan 2024 20:27

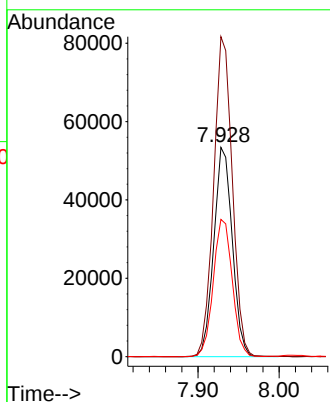
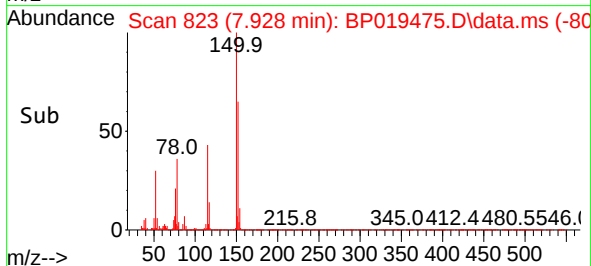
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024



Tgt Ion:152 Resp: 84738
Ion Ratio Lower Upper
152 100
150 152.9 125.4 188.2
115 65.6 53.7 80.5

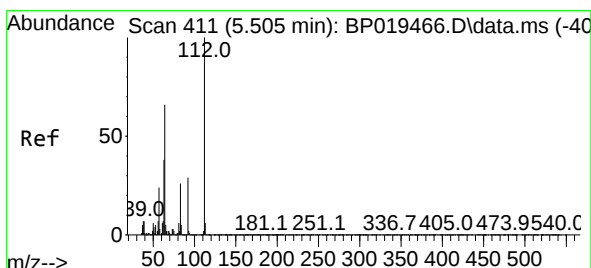
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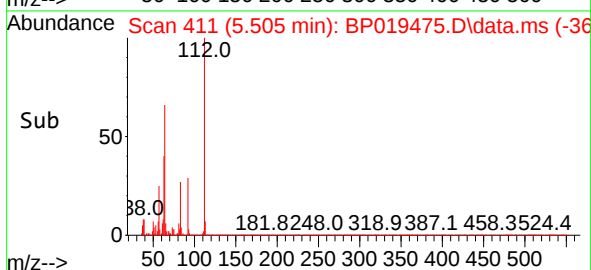
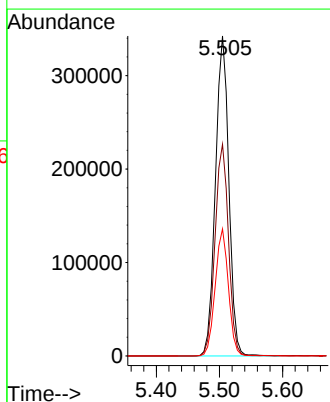
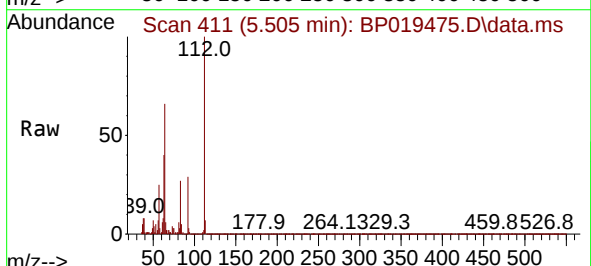
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Jodhani

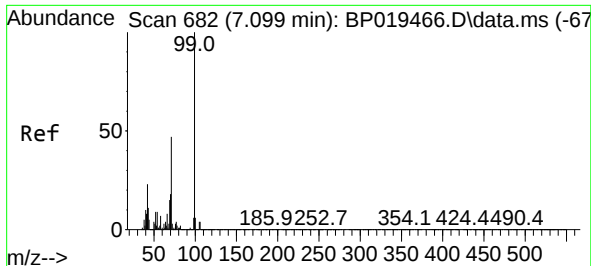
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#5
2-Fluorophenol
Concen: 94.652 ng
RT: 5.505 min Scan# 411
Delta R.T. -0.000 min
Lab File: BP019475.D
Acq: 29 Jan 2024 20:27

Tgt Ion:112 Resp: 504059
Ion Ratio Lower Upper
112 100
64 66.2 52.6 79.0
63 39.7 30.3 45.5





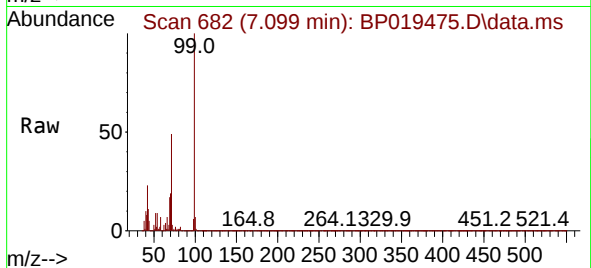
#7
Phenol-d6
Concen: 90.684 ng
RT: 7.099 min Scan# 682
Delta R.T. -0.000 min
Lab File: BP019475.D
Acq: 29 Jan 2024 20:27

Instrument :

BNA_P

ClientSampleId :

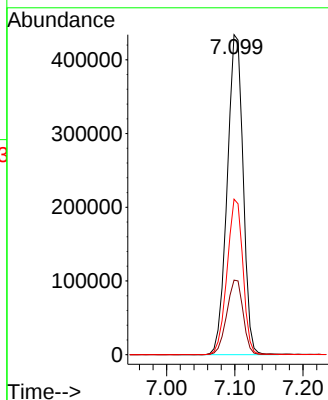
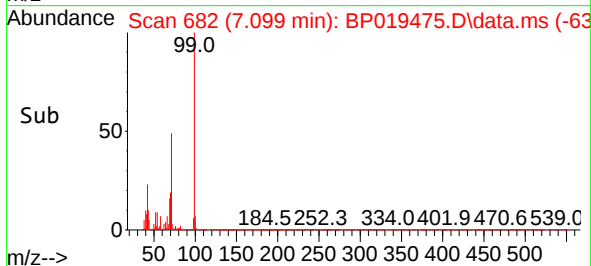
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Tgt Ion: 99 Resp: 70500
Ion Ratio Lower Upper
99 100
42 23.3 18.6 28.0
71 48.6 37.8 56.6

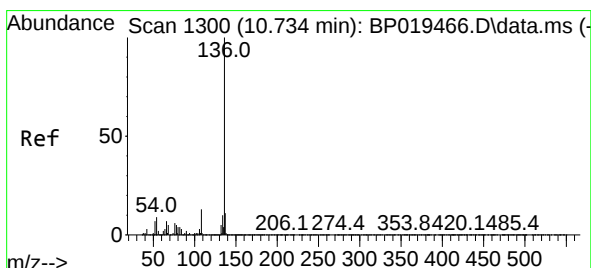
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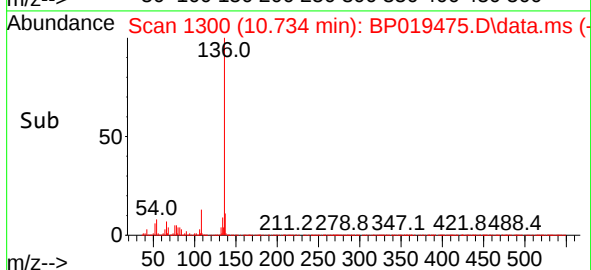
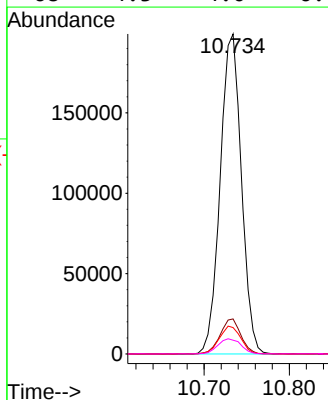
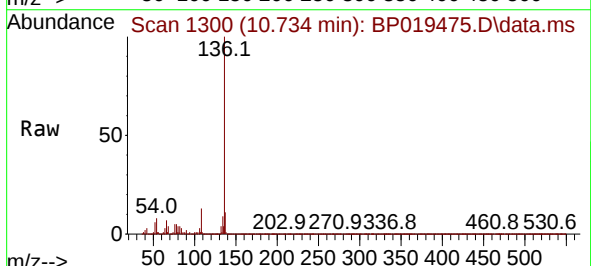
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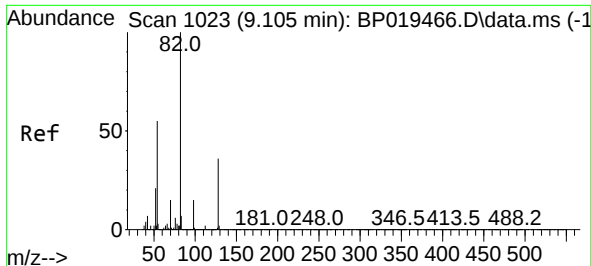
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1300
Delta R.T. -0.000 min
Lab File: BP019475.D
Acq: 29 Jan 2024 20:27

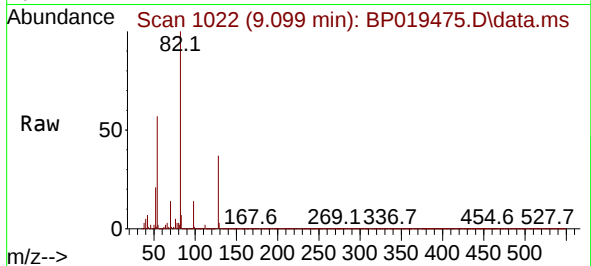
Tgt Ion:136 Resp: 344577
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.2 7.4 11.0
68 4.3 4.0 6.0





#23
Nitrobenzene-d5
Concen: 59.509 ng
RT: 9.099 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BP019475.D
Acq: 29 Jan 2024 20:27

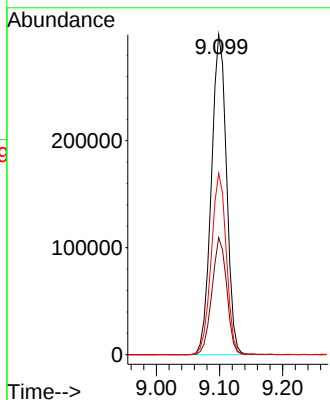
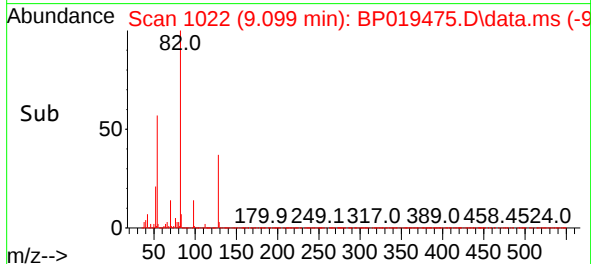
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024



Tgt Ion: 82 Resp: 498332
Ion Ratio Lower Upper
82 100
128 36.6 28.9 43.3
54 56.7 44.3 66.5

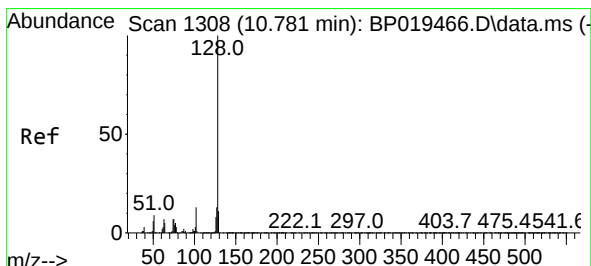
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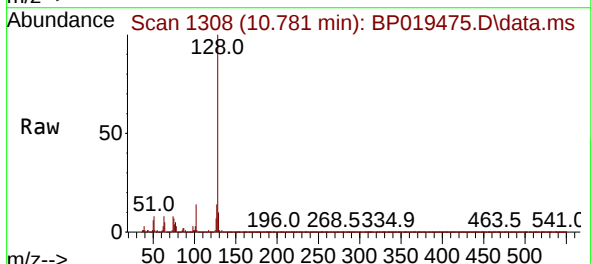


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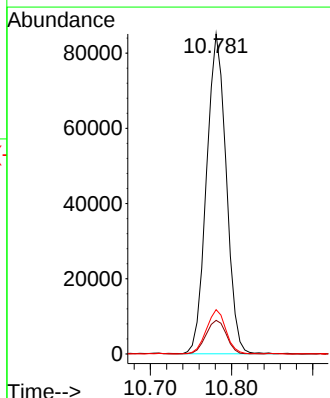
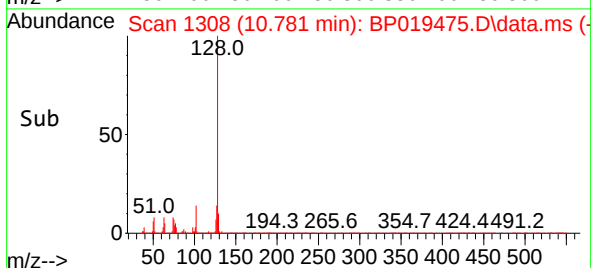
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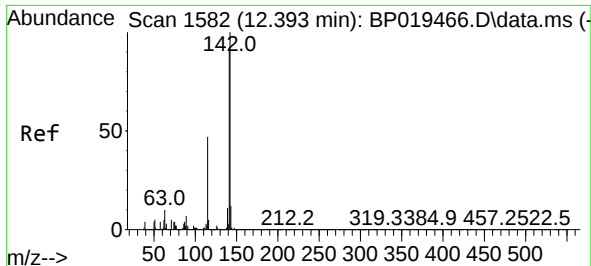


#31
Naphthalene
Concen: 7.456 ng
RT: 10.781 min Scan# 1308
Delta R.T. -0.000 min
Lab File: BP019475.D
Acq: 29 Jan 2024 20:27



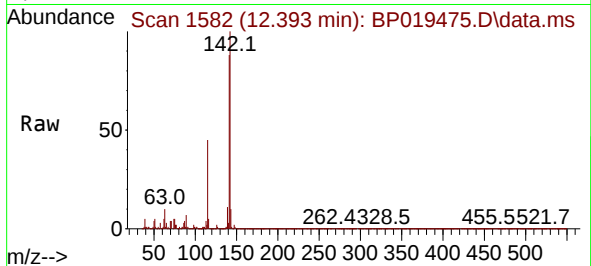
Tgt Ion:128 Resp: 143351
Ion Ratio Lower Upper
128 100
129 10.5 8.9 13.3
127 13.8 10.6 15.8





#37
2-Methylnaphthalene
Concen: 7.386 ng
RT: 12.393 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BP019475.D
Acq: 29 Jan 2024 20:27

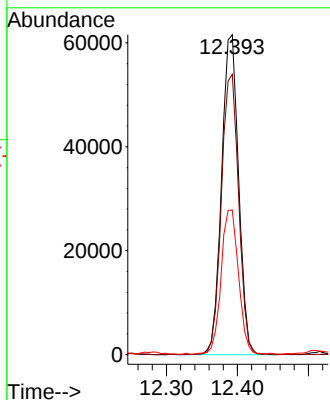
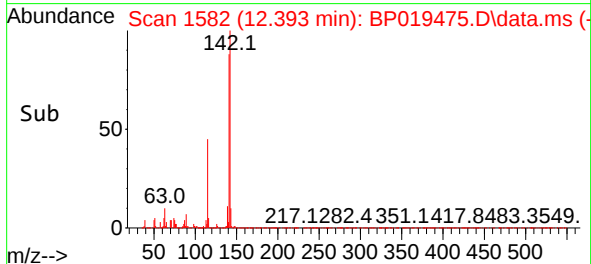
Instrument :
BNA_P
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Tgt Ion:142 Resp: 10178
Ion Ratio Lower Upper
142 100
141 87.6 73.0 109.4
115 45.2 37.4 56.2

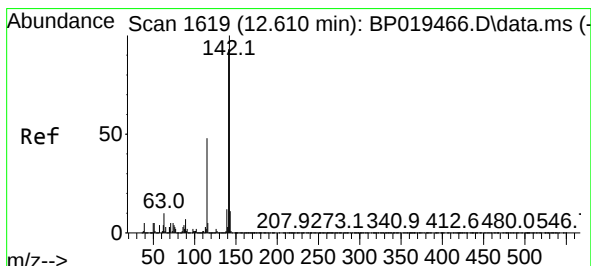
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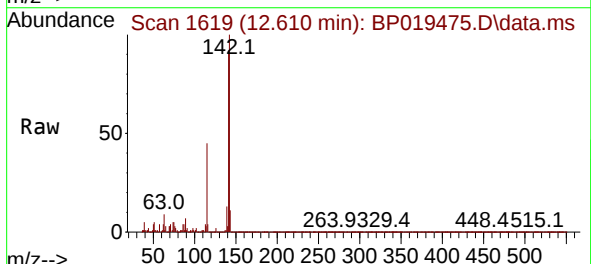


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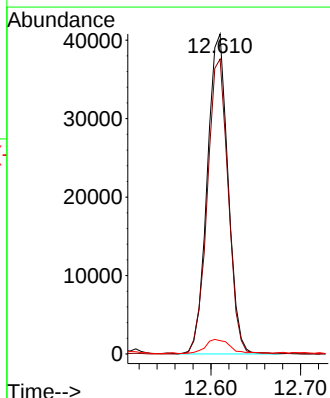
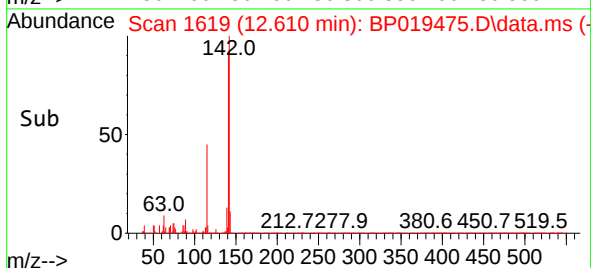
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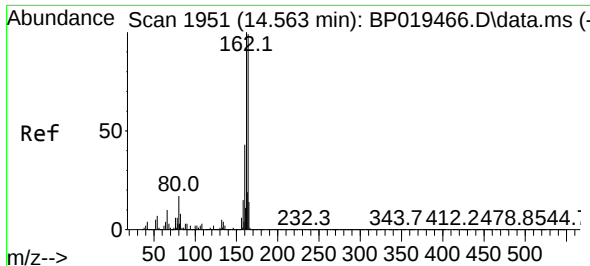


#38
1-Methylnaphthalene
Concen: 4.812 ng
RT: 12.610 min Scan# 1619
Delta R.T. -0.000 min
Lab File: BP019475.D
Acq: 29 Jan 2024 20:27



Tgt Ion:142 Resp: 65595
Ion Ratio Lower Upper
142 100
141 92.2 74.4 111.6
116 4.1 4.1 6.1





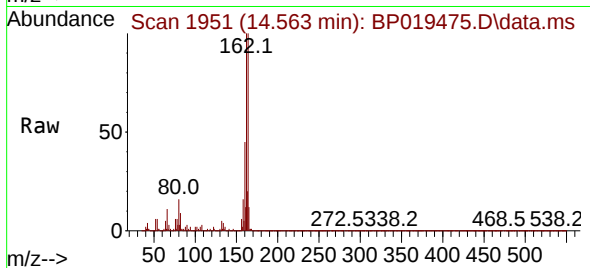
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BP019475.D
Acq: 29 Jan 2024 20:27

Instrument :

BNA_P

ClientSampleId :

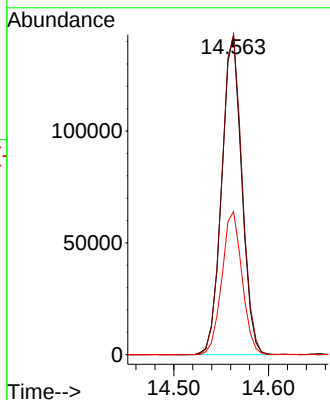
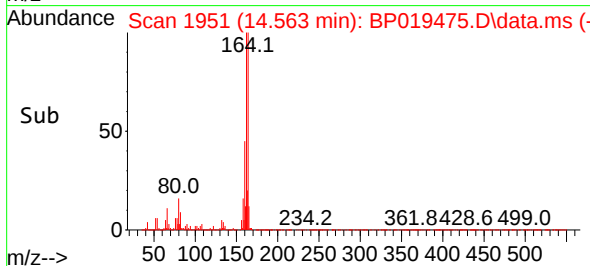
SU-03-01252024



Tgt Ion:164 Resp: 20925
Ion Ratio Lower Upper
164 100
162 100.2 80.7 121.1
160 44.8 35.0 52.6

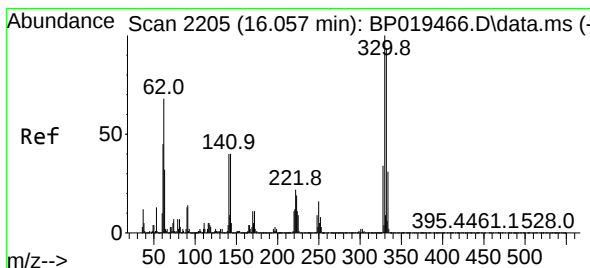
Manual Integrations
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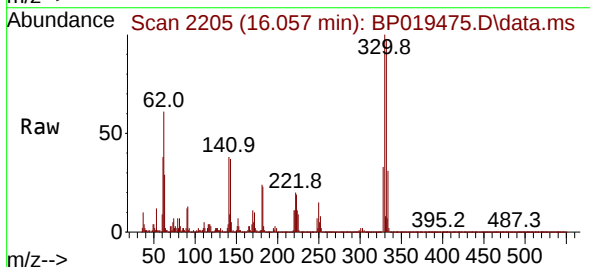


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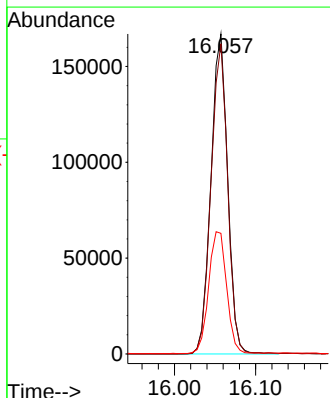
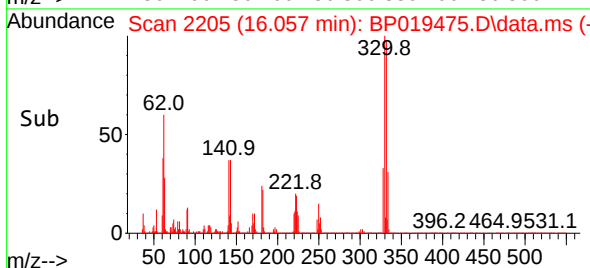
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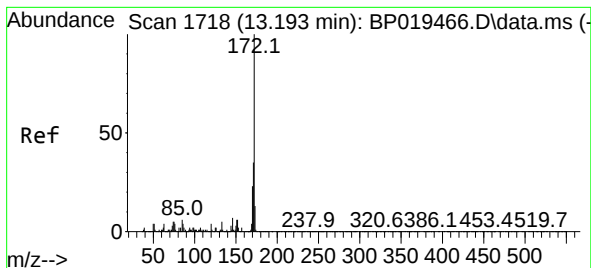


#42
2,4,6-Tribromophenol
Concen: 83.464 ng
RT: 16.057 min Scan# 2205
Delta R.T. -0.000 min
Lab File: BP019475.D
Acq: 29 Jan 2024 20:27



Tgt Ion:330 Resp: 239293
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.2
141 40.9 33.3 49.9





#45
2-Fluorobiphenyl
Concen: 63.134 ng
RT: 13.193 min Scan# 1718
Delta R.T. -0.000 min
Lab File: BP019475.D
Acq: 29 Jan 2024 20:27

Instrument :

BNA_P

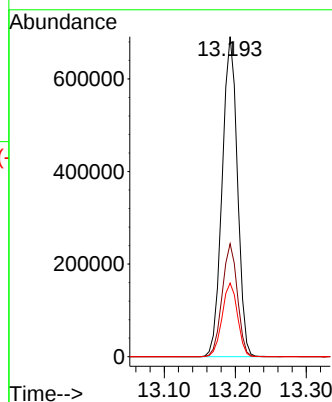
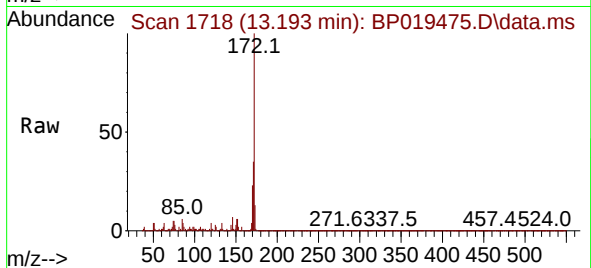
ClientSampleId :

SU-03-01252024

Tgt Ion:172 Resp: 102606
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.0 18.6 27.8

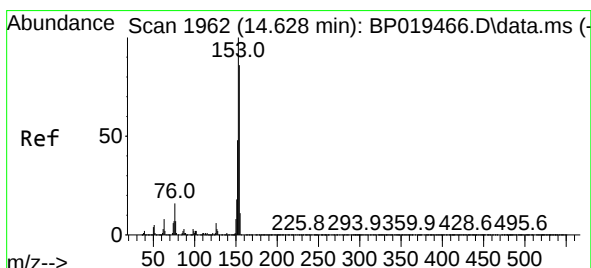
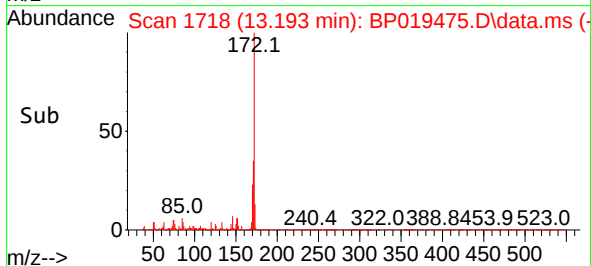
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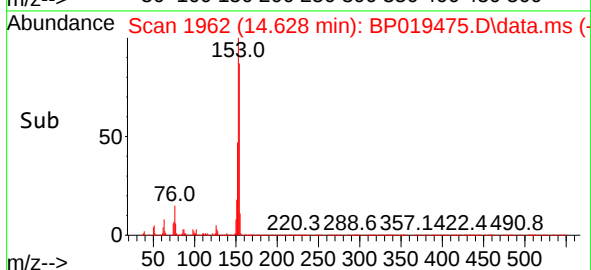
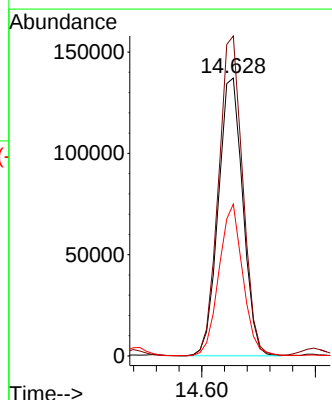
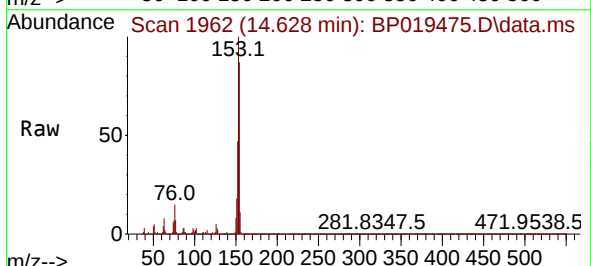
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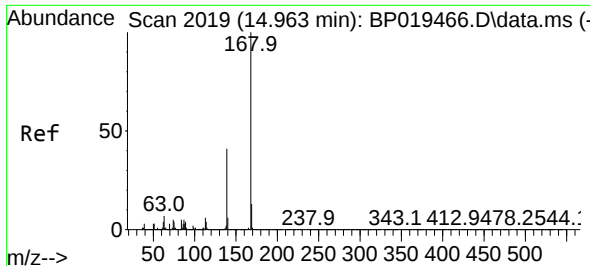
01/31/2024



#52
Acenaphthene
Concen: 17.090 ng
RT: 14.628 min Scan# 1962
Delta R.T. -0.000 min
Lab File: BP019475.D
Acq: 29 Jan 2024 20:27

Tgt Ion:154 Resp: 205823
Ion Ratio Lower Upper
154 100
153 115.2 93.4 140.2
152 54.6 44.7 67.1





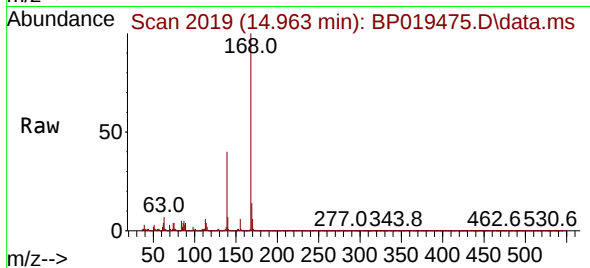
#55
Dibenzenofuran
Concen: 12.872 ng
RT: 14.963 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BP019475.D
Acq: 29 Jan 2024 20:27

Instrument :

BNP_P

ClientSampleId :

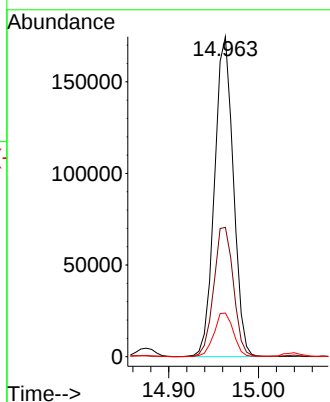
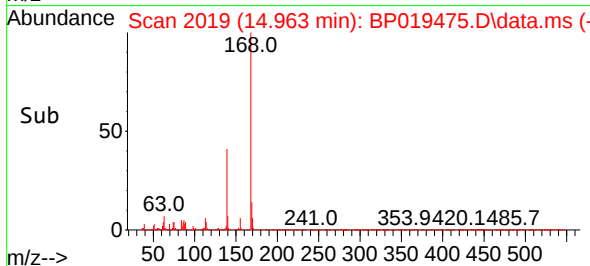
SU-03-01252024



Tgt Ion:168 Resp: 254140
Ion Ratio Lower Upper
168 100
139 40.4 33.1 49.7
169 13.7 10.5 15.7

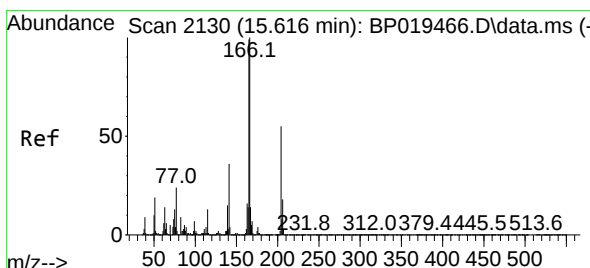
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Upadhyay

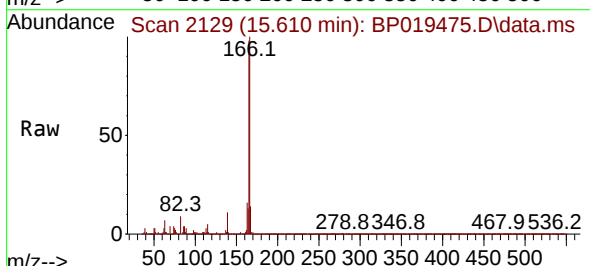


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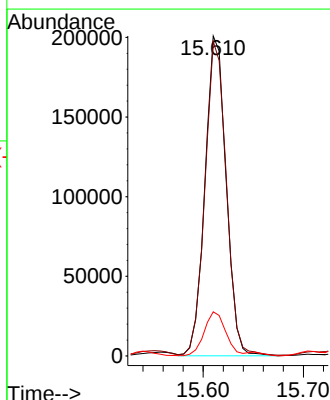
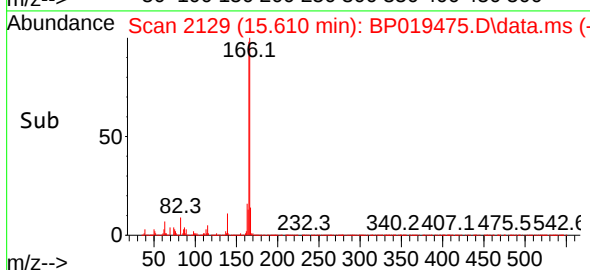
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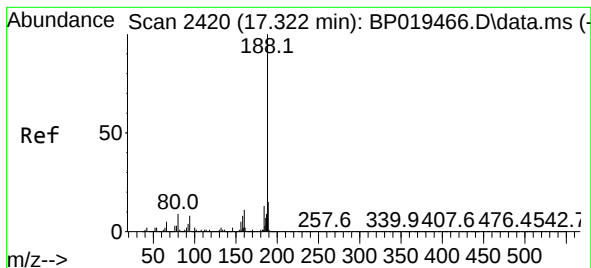


#58
Fluorene
Concen: 18.068 ng
RT: 15.610 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP019475.D
Acq: 29 Jan 2024 20:27



Tgt Ion:166 Resp: 295154
Ion Ratio Lower Upper
166 100
165 98.3 79.4 119.0
167 13.8 11.2 16.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.322 min Scan# 2420

Delta R.T. -0.000 min

Lab File: BP019475.D

Acq: 29 Jan 2024 20:27

Instrument :

BNA_P

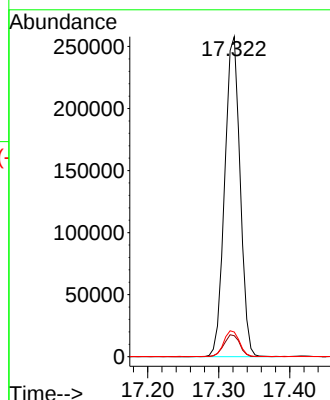
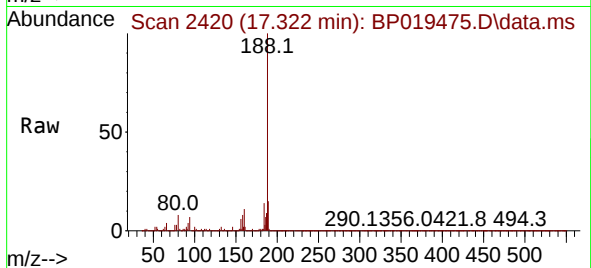
ClientSampleId :

SU-03-01252024

Tgt Ion:188	Resp: 38696
Ion Ratio	Lower Upper
188 100	
94 6.6	6.1 9.1
80 7.7	6.8 10.2

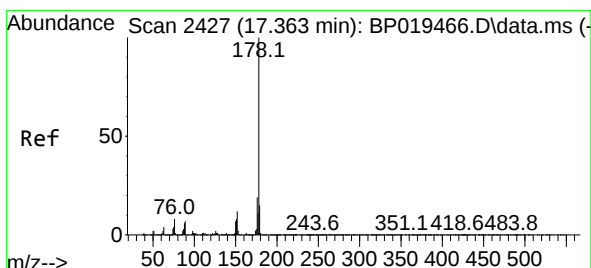
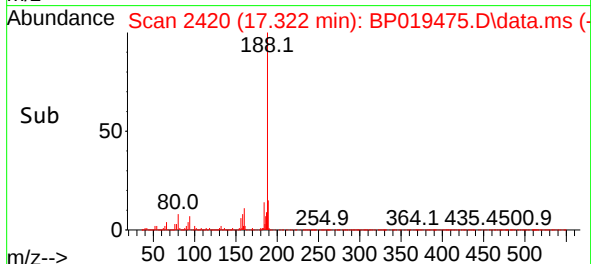
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#71

Phenanthrene

Concen: 52.301 ng

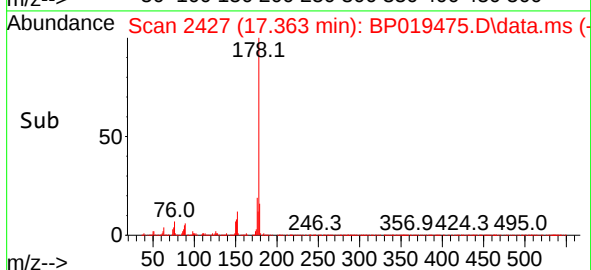
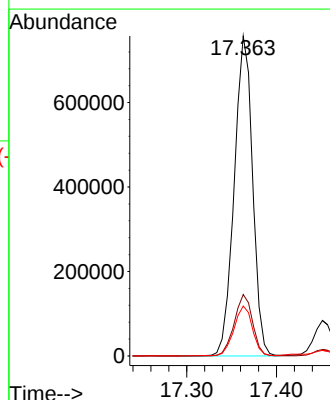
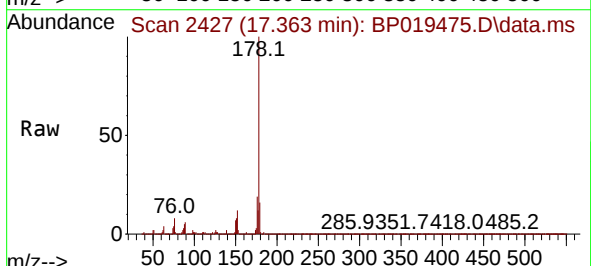
RT: 17.363 min Scan# 2427

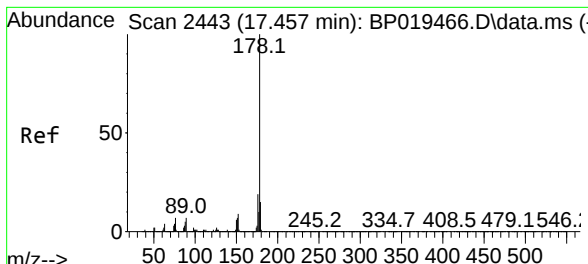
Delta R.T. -0.000 min

Lab File: BP019475.D

Acq: 29 Jan 2024 20:27

Tgt Ion:178	Resp: 1077590
Ion Ratio	Lower Upper
178 100	
176 19.2	15.0 22.6
179 15.6	12.0 18.0





#72
 Anthracene
 Concen: 5.749 ng
 RT: 17.451 min Scan# 2442
 Delta R.T. -0.006 min
 Lab File: BP019475.D
 Acq: 29 Jan 2024 20:27

Instrument :

BNA_P

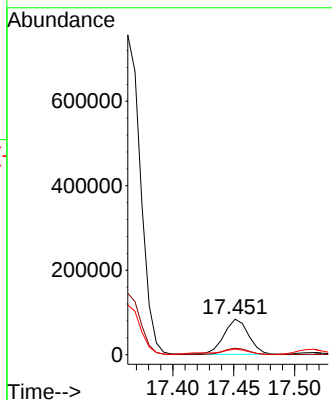
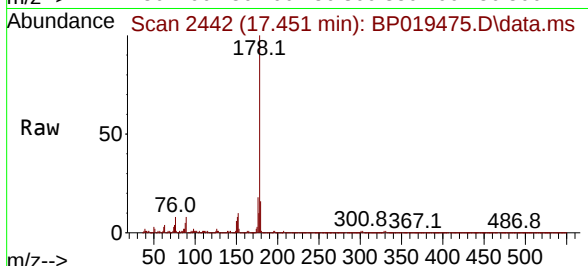
ClientSampleId :

SU-03-01252024

Tgt Ion:178 Resp: 118262
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.0 22.4
 179 15.7 12.2 18.2

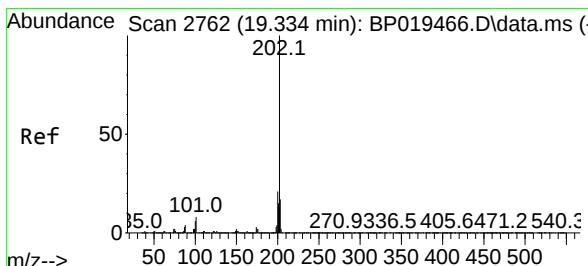
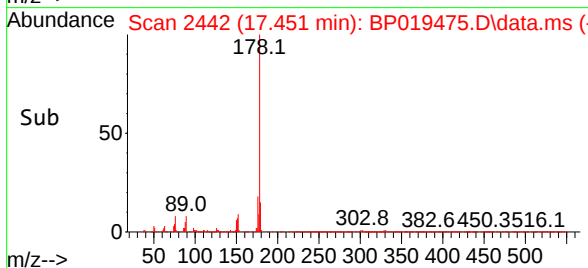
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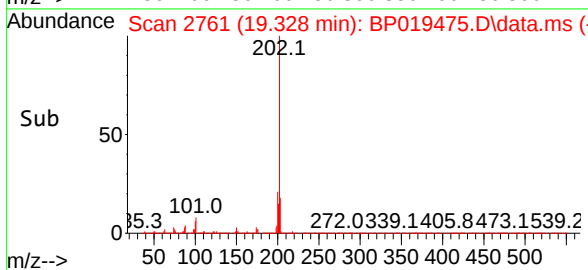
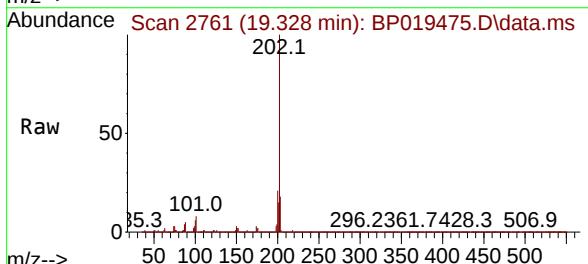
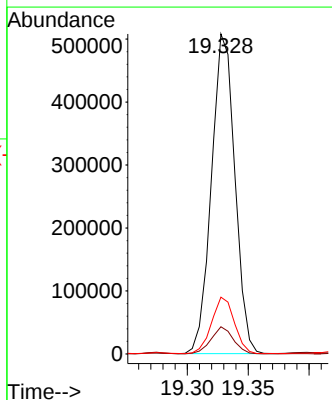
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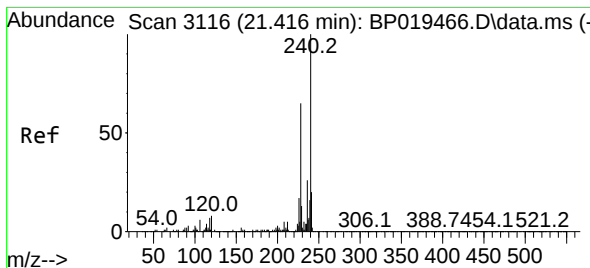
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#75
 Fluoranthene
 Concen: 27.256 ng
 RT: 19.328 min Scan# 2761
 Delta R.T. -0.006 min
 Lab File: BP019475.D
 Acq: 29 Jan 2024 20:27

Tgt Ion:202 Resp: 679825
 Ion Ratio Lower Upper
 202 100
 101 8.5 0.0 27.9
 203 17.7 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.416 min Scan# 3116

Delta R.T. -0.000 min

Lab File: BP019475.D

Acq: 29 Jan 2024 20:27

Instrument :

BNA_P

ClientSampleId :

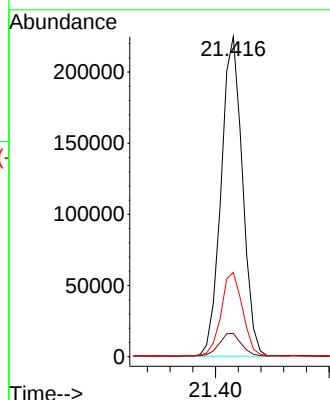
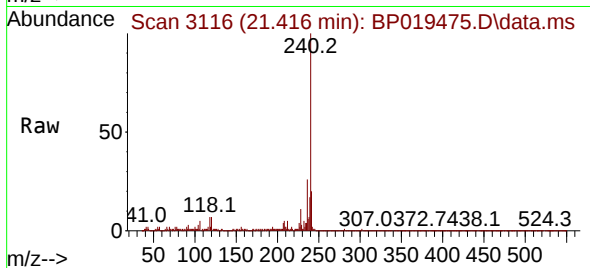
SU-03-01252024

Tgt Ion:240 Resp: 29279

Ion	Ratio	Lower	Upper
240	100		
120	7.3	6.1	9.1
236	26.3	20.6	31.0

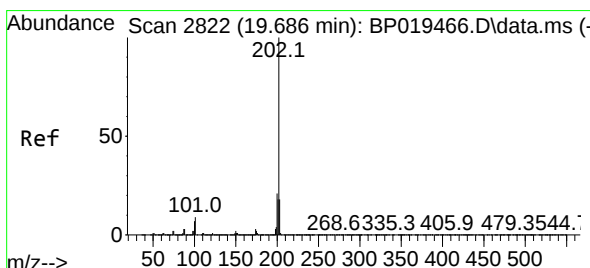
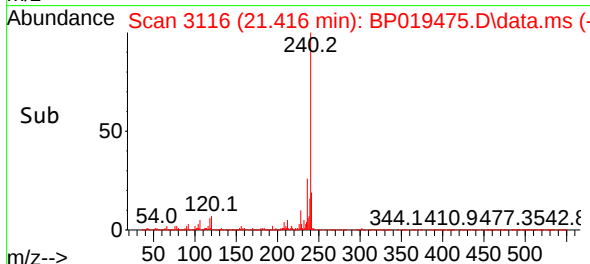
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#78

Pyrene

Concen: 19.817 ng

RT: 19.680 min Scan# 2821

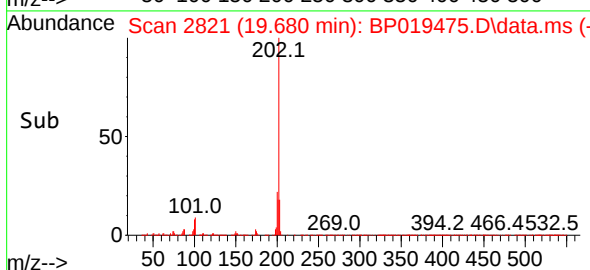
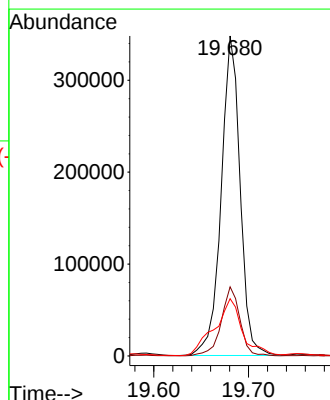
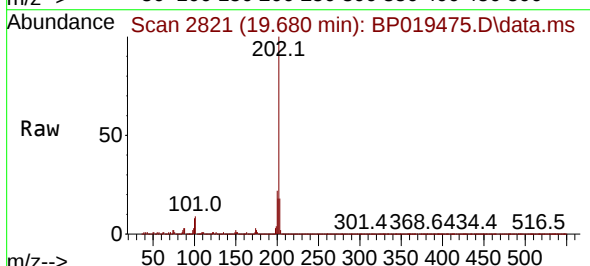
Delta R.T. -0.006 min

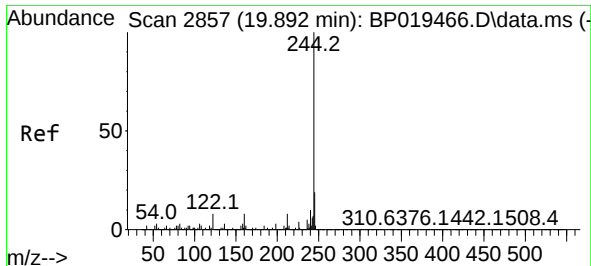
Lab File: BP019475.D

Acq: 29 Jan 2024 20:27

Tgt Ion:202 Resp: 484175

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.0	25.6
203	17.9	14.2	21.2





#79
 Terphenyl-d14
 Concen: 50.496 ng
 RT: 19.886 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019475.D
 Acq: 29 Jan 2024 20:27

Instrument :

BNA_P

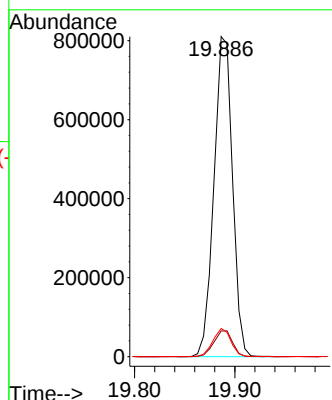
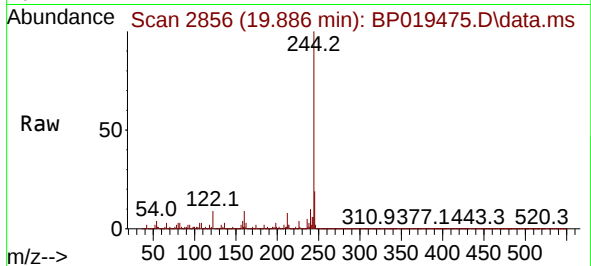
ClientSampleId :

SU-03-01252024

Tgt Ion:244 Resp: 1037762
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.4 9.6
 122 8.8 6.5 9.7

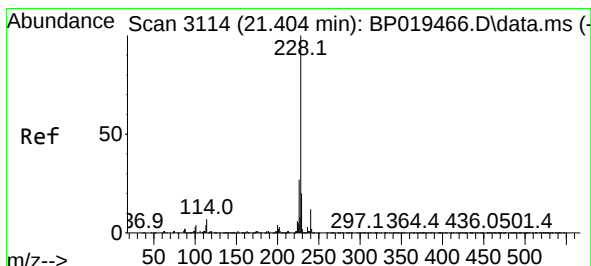
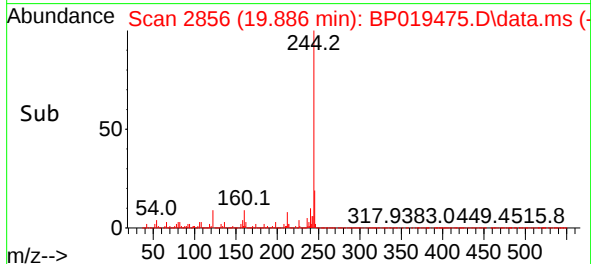
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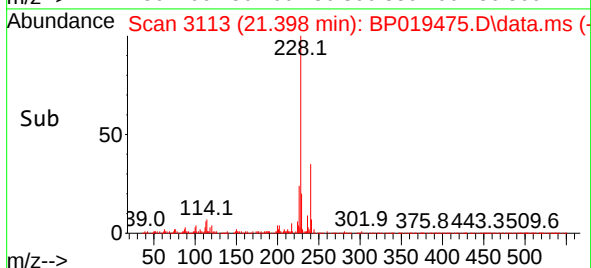
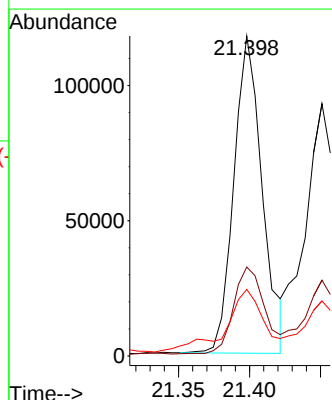
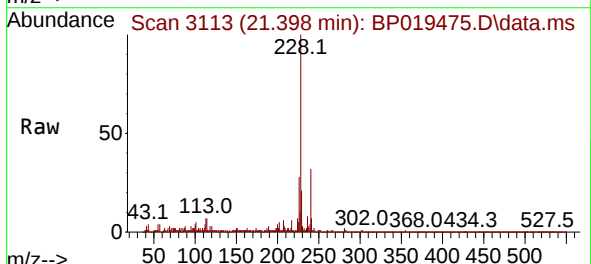
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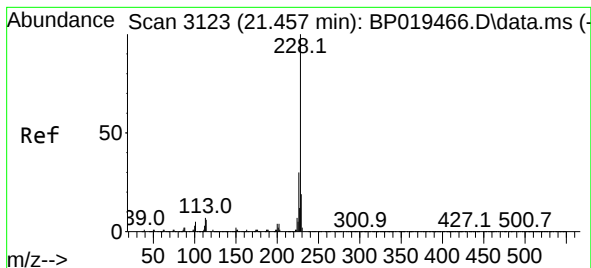
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#81
 Benzo(a)anthracene
 Concen: 7.700 ng
 RT: 21.398 min Scan# 3113
 Delta R.T. -0.006 min
 Lab File: BP019475.D
 Acq: 29 Jan 2024 20:27

Tgt Ion:228 Resp: 162497
 Ion Ratio Lower Upper
 228 100
 226 27.8 21.5 32.3
 229 20.8 15.7 23.5





#83

Chrysene

Concen: 7.080 ng

RT: 21.451 min Scan# 3123

Delta R.T. -0.006 min

Lab File: BP019475.D

Acq: 29 Jan 2024 20:27

Instrument :

BNA_P

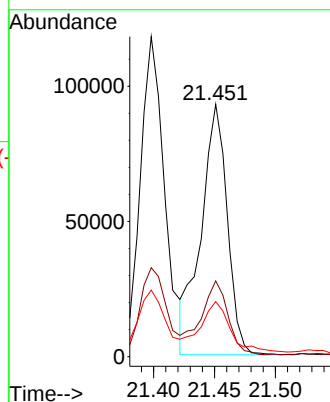
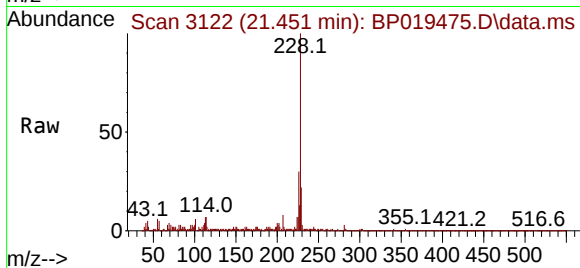
ClientSampleId :

SU-03-01252024

Tgt Ion:	228	Resp:	13936
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.9	35.9
229	21.8	15.5	23.3

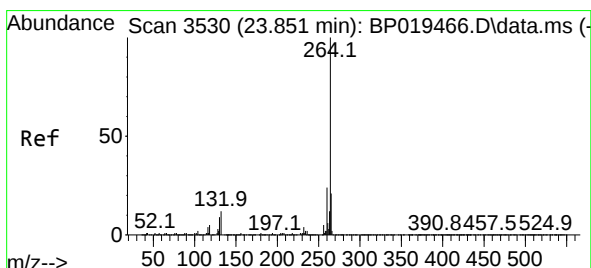
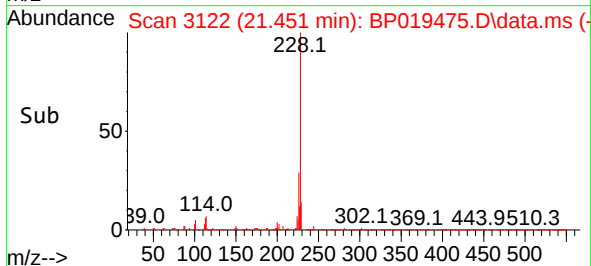
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#86

Perylene-d12

Concen: 20.000 ng

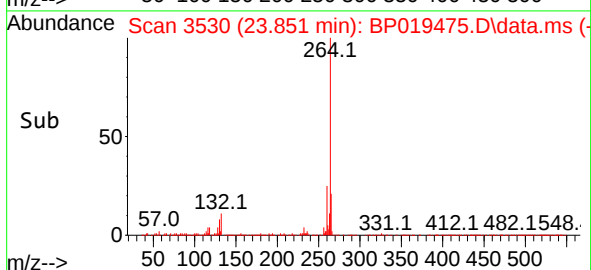
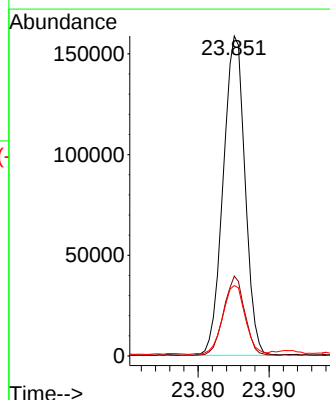
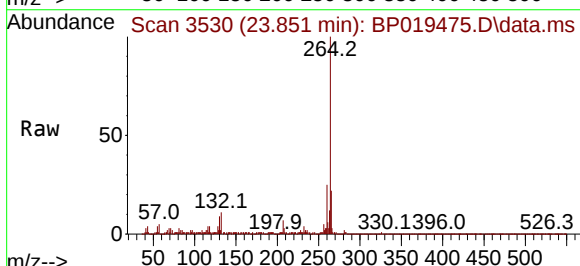
RT: 23.851 min Scan# 3530

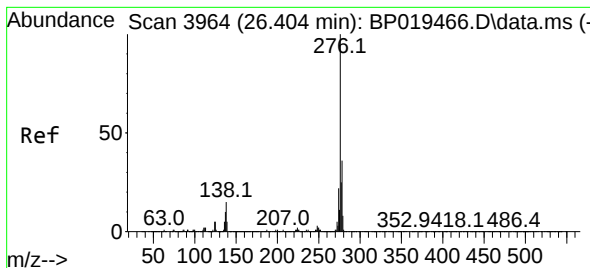
Delta R.T. -0.000 min

Lab File: BP019475.D

Acq: 29 Jan 2024 20:27

Tgt Ion:	264	Resp:	337461
Ion Ratio	Lower	Upper	
264	100		
260	25.0	18.9	28.3
265	22.0	16.6	25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.030 ng

RT: 26.392 min Scan# 3962

Delta R.T. -0.012 min

Lab File: BP019475.D

Acq: 29 Jan 2024 20:27

Instrument :

BNA_P

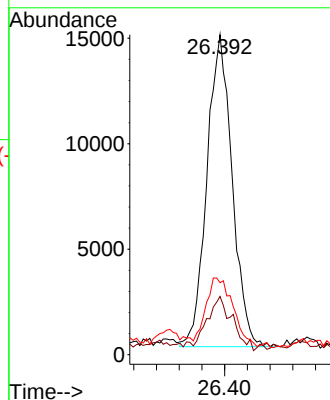
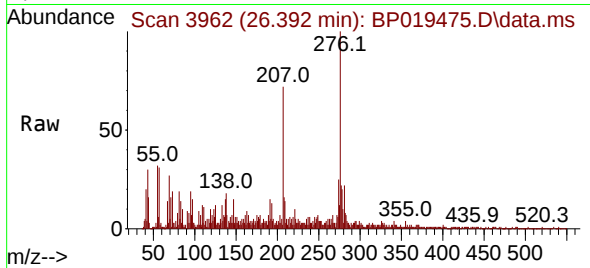
ClientSampleId :

SU-03-01252024

Tgt Ion:	276	Resp:	4566
Ion Ratio	Lower	Upper	
276	100		
138	16.3	14.2	21.4
277	23.5	20.5	30.7

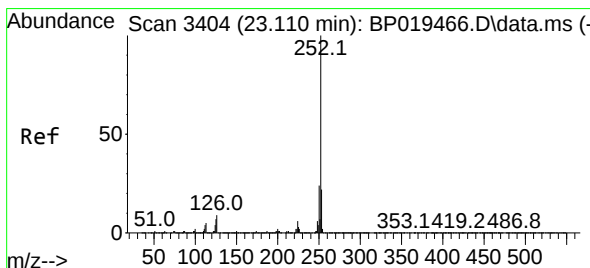
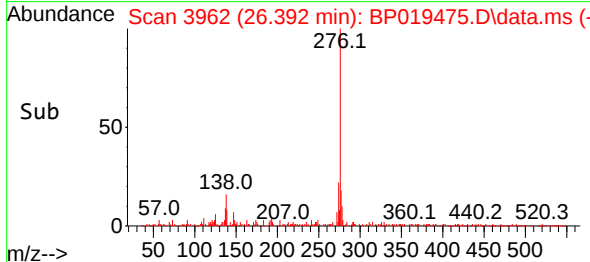
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#88

Benzo(b)fluoranthene

Concen: 5.397 ng

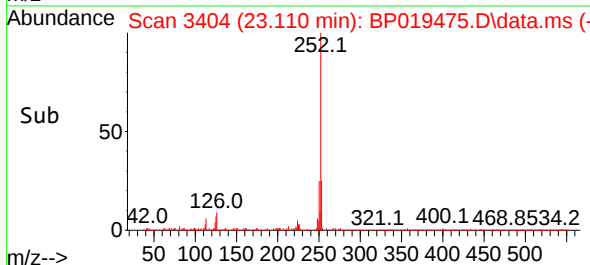
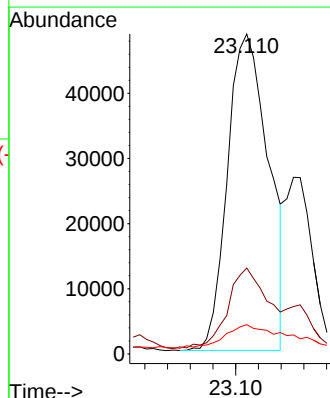
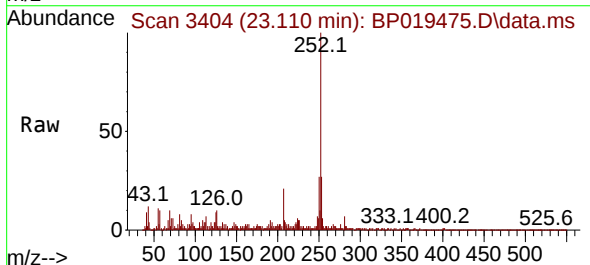
RT: 23.110 min Scan# 3404

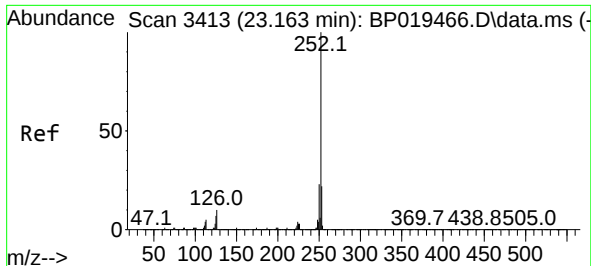
Delta R.T. -0.000 min

Lab File: BP019475.D

Acq: 29 Jan 2024 20:27

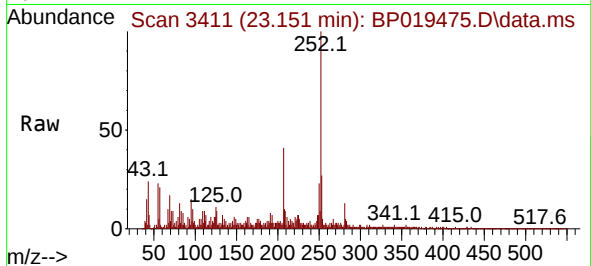
Tgt Ion:	252	Resp:	121784
Ion Ratio	Lower	Upper	
252	100		
253	26.8	18.0	27.0
125	9.2	5.3	7.9





#89
Benzo(k)fluoranthene
Concen: 2.033 ng m
RT: 23.151 min Scan# 3413
Delta R.T. -0.012 min
Lab File: BP019475.D
Acq: 29 Jan 2024 20:27

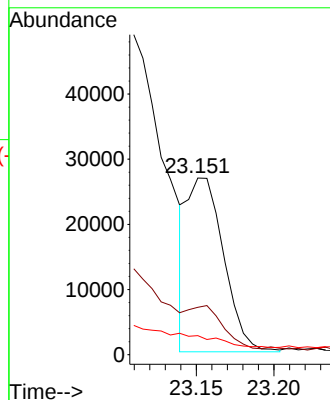
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024



Tgt Ion:252 Resp: 43725
Ion Ratio Lower Upper
252 100
253 26.8 17.5 26.3
125 10.8 5.4 8.2

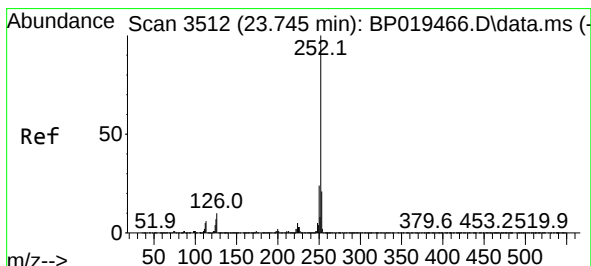
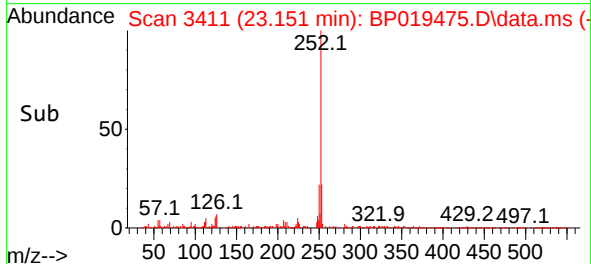
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Upadhyay



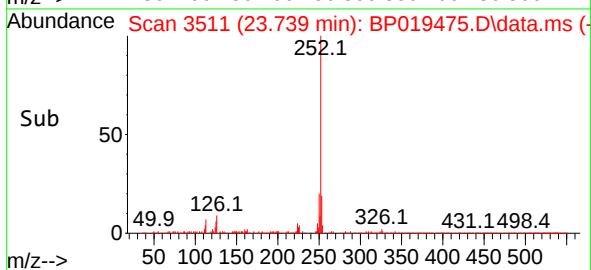
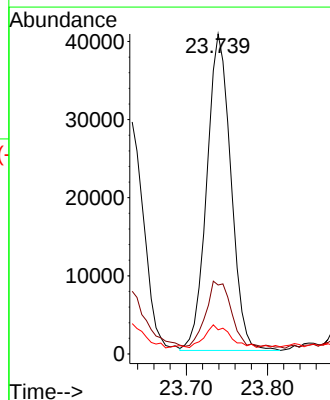
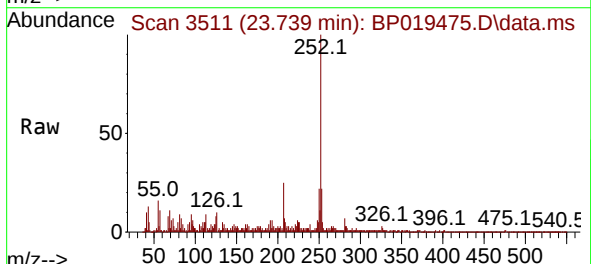
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Jodhani

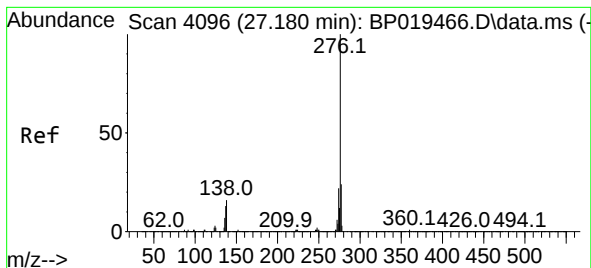
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#90
Benzo(a)pyrene
Concen: 4.333 ng
RT: 23.739 min Scan# 3511
Delta R.T. -0.006 min
Lab File: BP019475.D
Acq: 29 Jan 2024 20:27

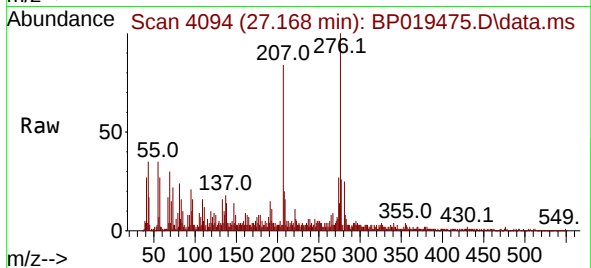
Tgt Ion:252 Resp: 83484
Ion Ratio Lower Upper
252 100
253 21.5 16.9 25.3
125 7.6 6.0 9.0





#92
Benzo(g,h,i)perylene
Concen: 2.314 ng
RT: 27.168 min Scan# 4094
Delta R.T. -0.012 min
Lab File: BP019475.D
Acq: 29 Jan 2024 20:27

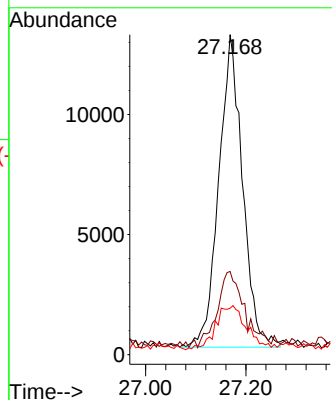
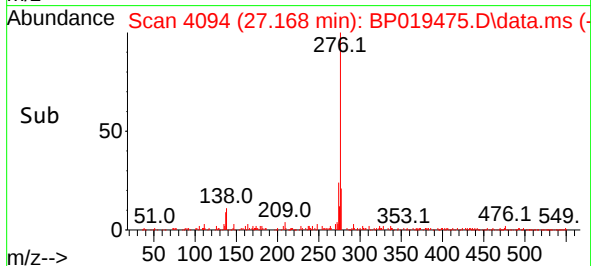
Instrument :
BNA_P
ClientSampleId :
SU-03-01252024



Tgt Ion:276 Resp: 42898
Ion Ratio Lower Upper
276 100
277 26.0 19.0 28.6
138 14.5 13.1 19.7

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Supervised By :Sohil
Jodhani

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