

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062821\
 Data File : BP006088.D
 Acq On : 28 Jun 2021 21:15
 Operator : CG/JU
 Sample : M2865-01 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-01-062521

Manual Integrations
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Quant Time: Jun 29 02:08:08 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 28 11:34:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	110342	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	423357	20.000	ng	0.00
39) Acenaphthene-d10	14.534	164	264613	20.000	ng	0.00
64) Phenanthrene-d10	17.281	188	539673	20.000	ng	0.00
76) Chrysene-d12	21.357	240	586428	20.000	ng	0.00
86) Perylene-d12	23.763	264	688862	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	244883	35.612	ng	0.00
7) Phenol-d6	7.087	99	298757	33.520	ng	0.00
23) Nitrobenzene-d5	9.075	82	179618	20.801	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	179307	39.487	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	468988	23.273	ng	0.00
79) Terphenyl-d14	19.828	244	783059	25.003	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.263	152	65207	2.440	ng	99
71) Phenanthrene	17.322	178	421181	12.996	ng	99
72) Anthracene	17.416	178	193941	6.080	ng	99
75) Fluoranthene	19.286	202	1481463	37.640	ng	99
78) Pyrene	19.639	202	1344603	32.844	ng	99
81) Benzo(a)anthracene	21.339	228	924103	21.830	ng	99
83) Chrysene	21.392	228	807117	19.685	ng	97
87) Indeno(1,2,3-cd)pyrene	26.292	276	735608	12.487	ng	96
88) Benzo(b)fluoranthene	23.027	252	1366850	28.970	ng	97
89) Benzo(k)fluoranthene	23.074	252	390744m	8.541	ng	
90) Benzo(a)pyrene	23.657	252	979243	22.076	ng	98
91) Dibenzo(a,h)anthracene	26.298	278	193503	3.816	ng	# 86
92) Benzo(g,h,i)perylene	27.074	276	733884	14.652	ng	98

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

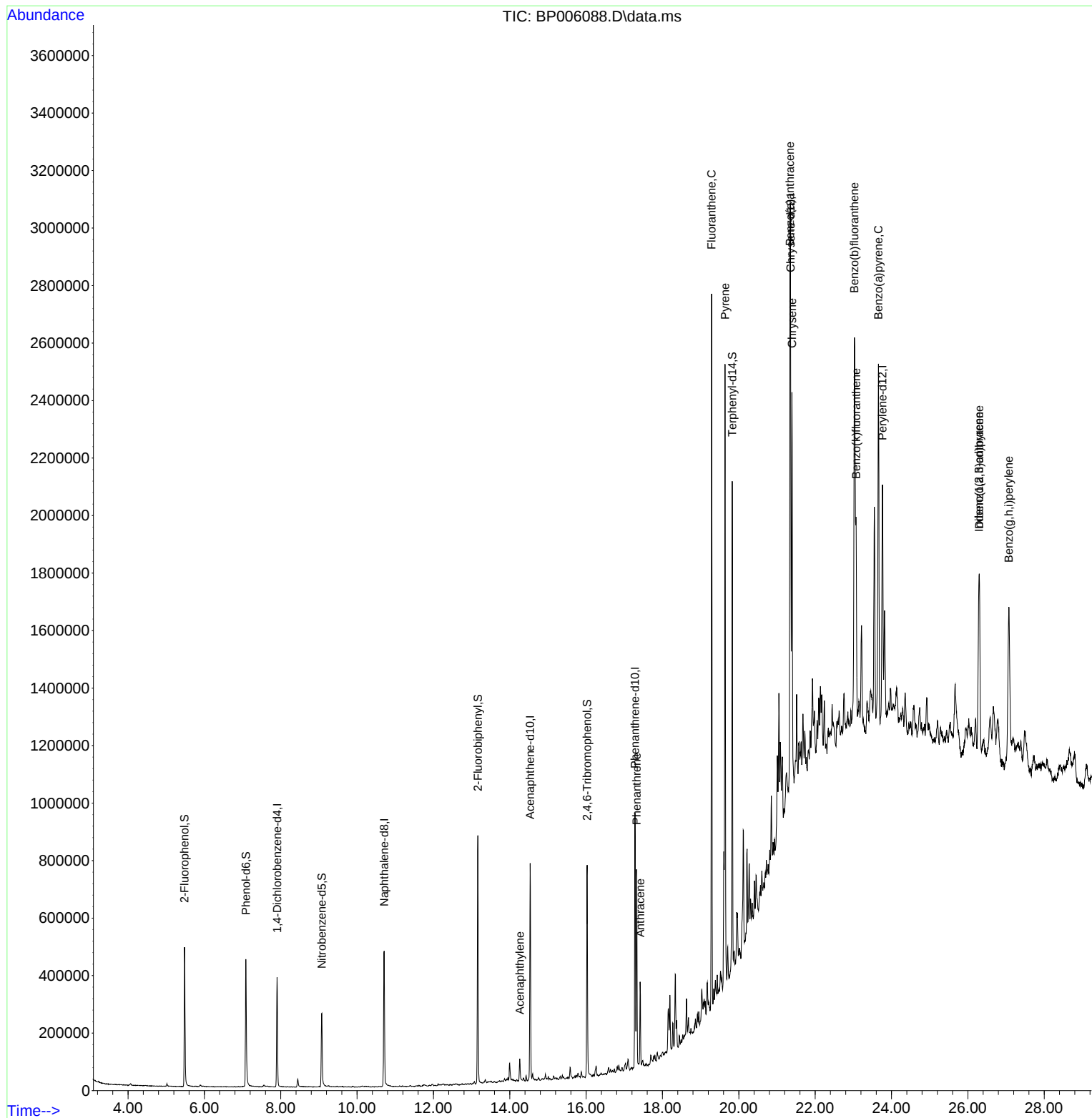
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Data File : BP006088.D
Acq On : 28 Jun 2021 21:15
Operator : CG/JU
Sample : M2865-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

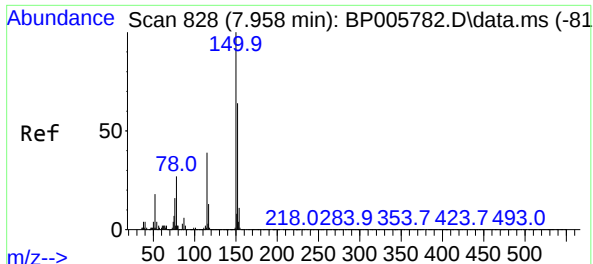
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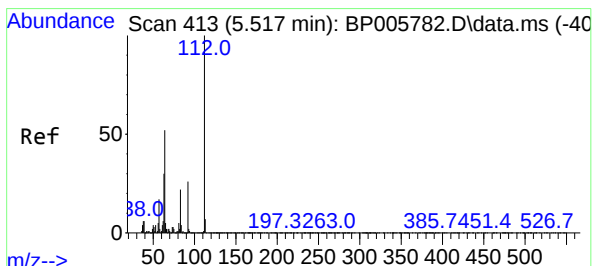
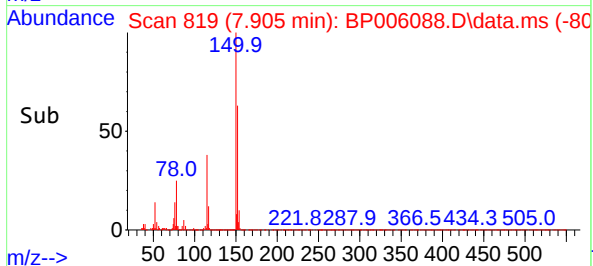
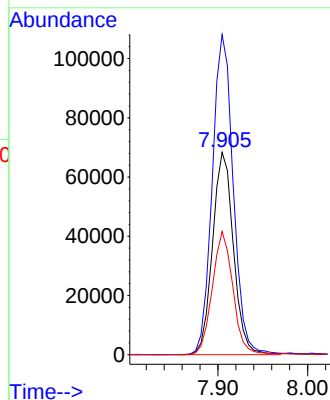
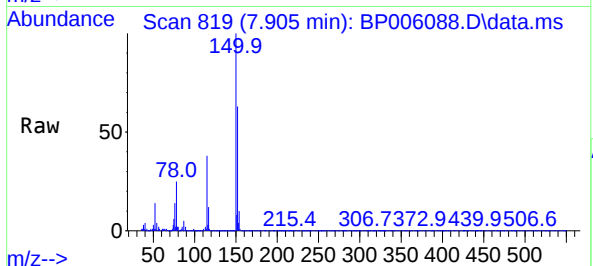
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 819
Delta R.T. -0.000 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

Tgt Ion:152 Resp: 110342
Ion Ratio Lower Upper
152 100
150 158.1 125.6 188.4
115 60.9 48.5 72.7

Instrument :
BNA_P
ClientSampleId :
OR-01-062521

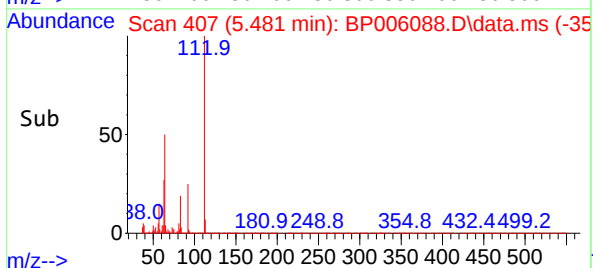
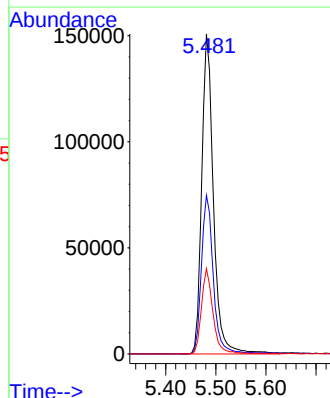
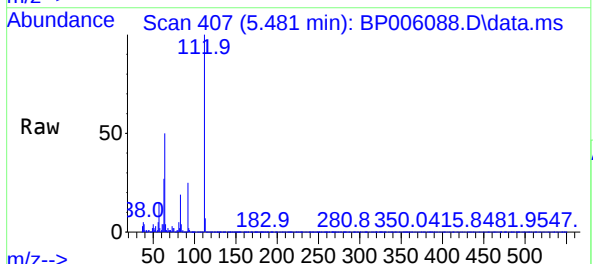
Manual Integrations
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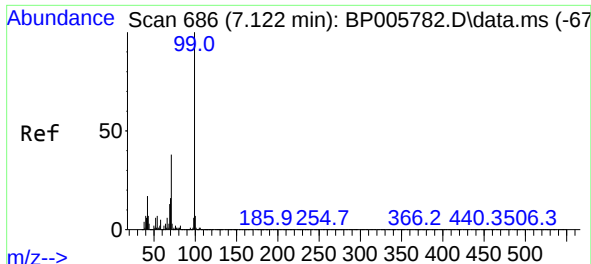
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#5
2-Fluorophenol
Concen: 35.612 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

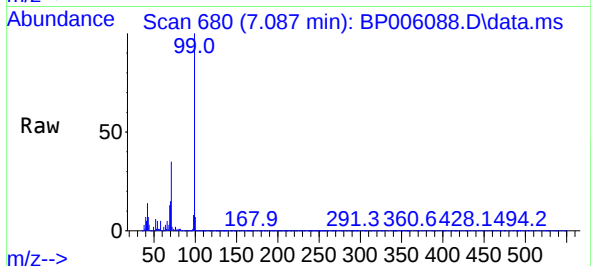
Tgt Ion:112 Resp: 244883
Ion Ratio Lower Upper
112 100
64 49.6 41.4 62.2
63 26.7 23.8 35.8





#7
Phenol-d6
Concen: 33.520 ng
RT: 7.087 min Scan# 680
Delta R.T. 0.006 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

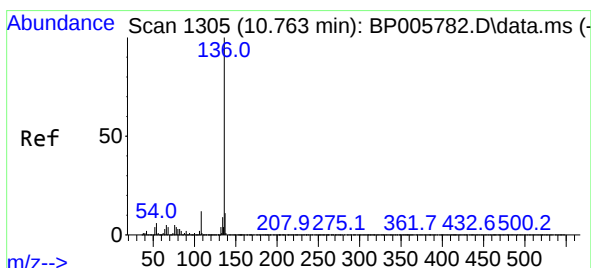
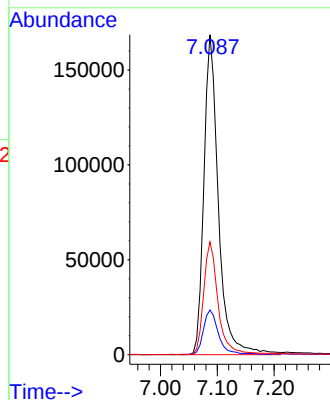
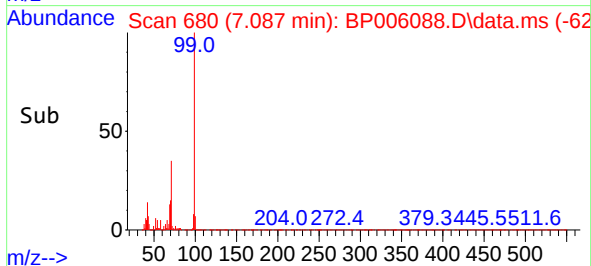
Instrument :
BNA_P
ClientSampleId :
OR-01-062521



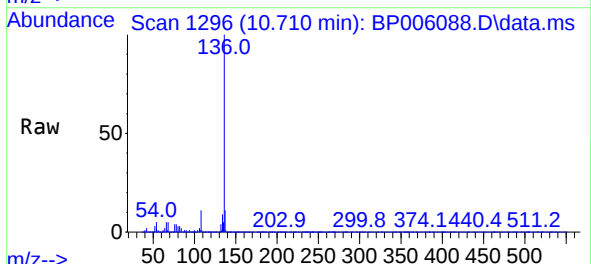
Tgt Ion: 99 Resp: 298757
Ion Ratio Lower Upper
99 100
42 14.0 13.4 20.0
71 35.3 30.6 46.0

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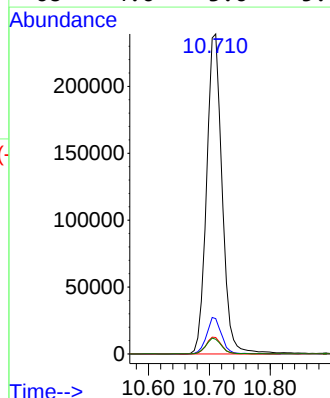
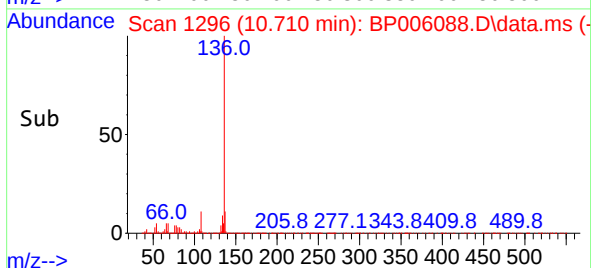
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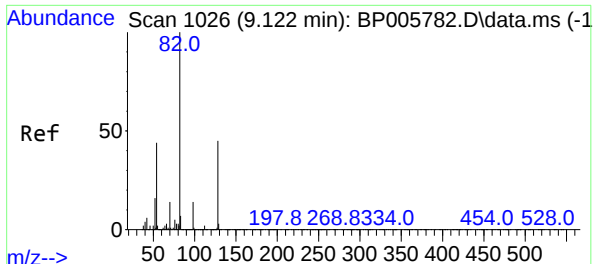


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15



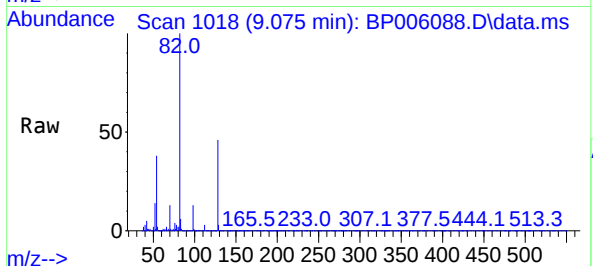
Tgt Ion: 136 Resp: 423357
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 5.2 4.6 6.8
68 4.6 3.6 5.4





#23
Nitrobenzene-d5
Concen: 20.801 ng
RT: 9.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

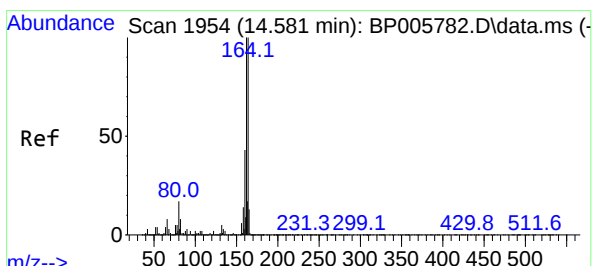
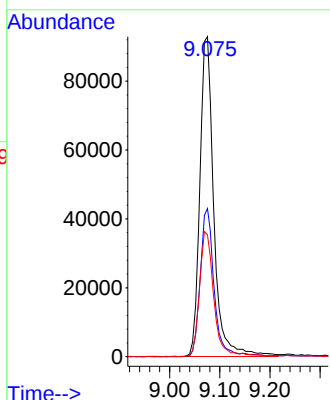
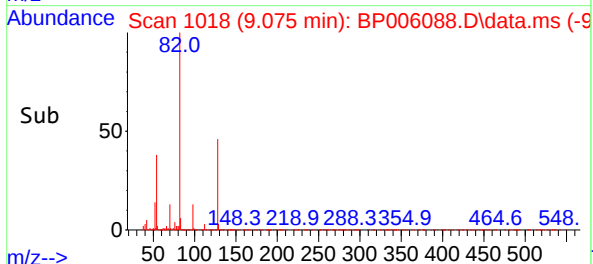
Instrument :
BNA_P
ClientSampleId :
OR-01-062521



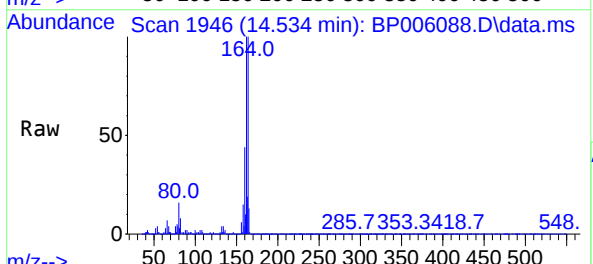
Tgt Ion: 82 Resp: 179618
Ion Ratio Lower Upper
82 100
128 46.3 35.7 53.5
54 38.1 35.0 52.4

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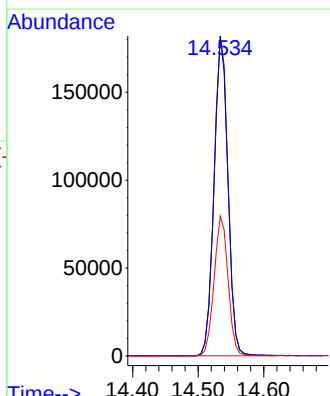
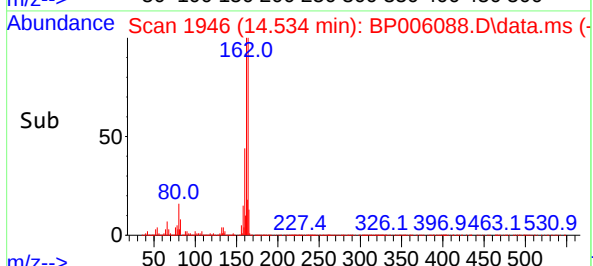
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15



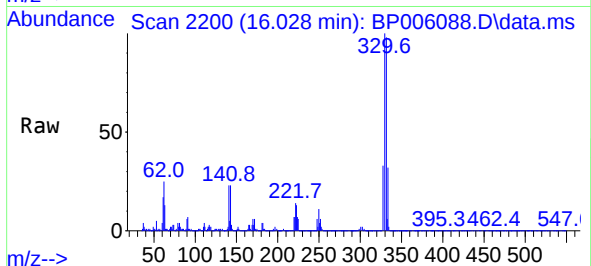
Tgt Ion: 164 Resp: 264613
Ion Ratio Lower Upper
164 100
162 99.7 80.2 120.2
160 43.7 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 39.487 ng
RT: 16.028 min Scan# 2200
Delta R.T. 0.000 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

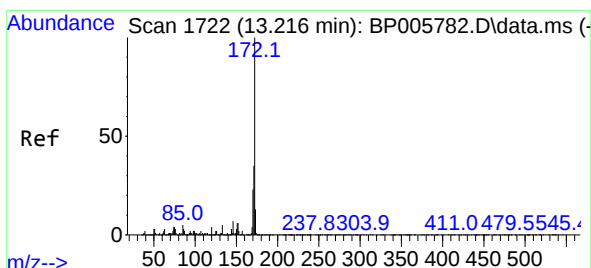
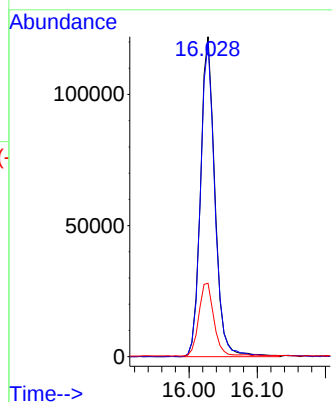
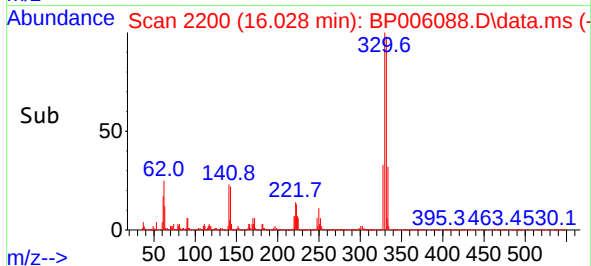
Instrument :
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ClientSampleId :
OR-01-062521



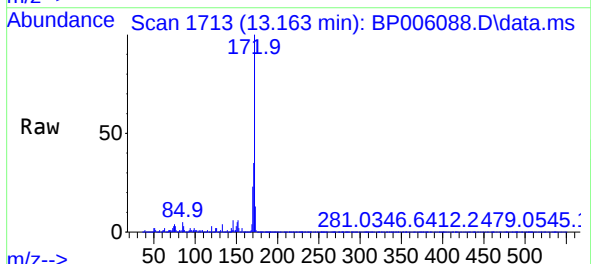
Tgt Ion:330 Resp: 179307
Ion Ratio Lower Upper
330 100
332 97.9 77.8 116.8
141 23.5 25.4 38.2#

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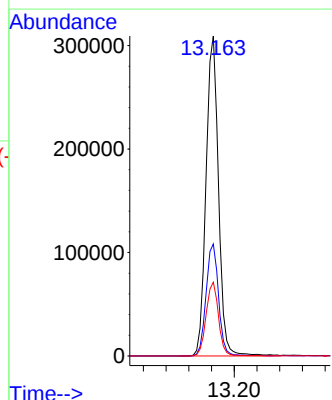
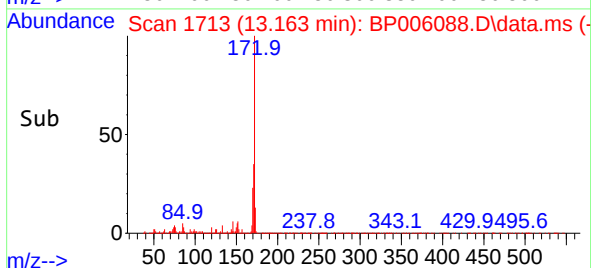
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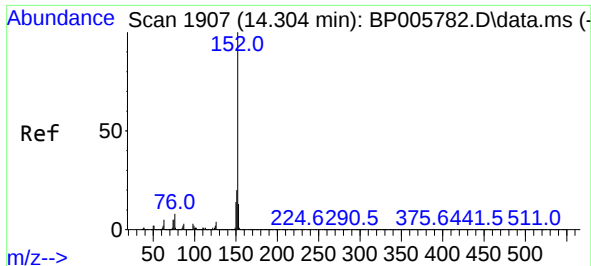


#45
2-Fluorobiphenyl
Concen: 23.273 ng
RT: 13.163 min Scan# 1713
Delta R.T. 0.000 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15



Tgt Ion:172 Resp: 468988
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.1 18.6 27.8





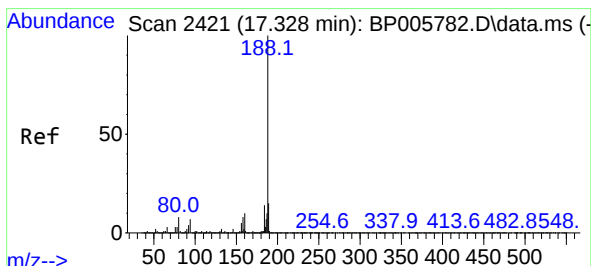
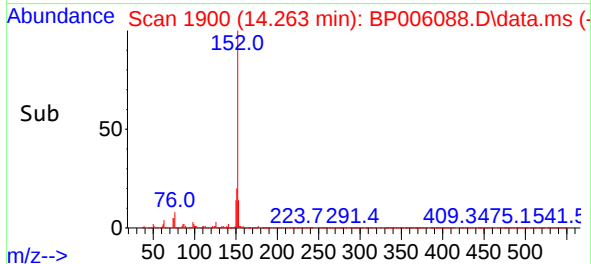
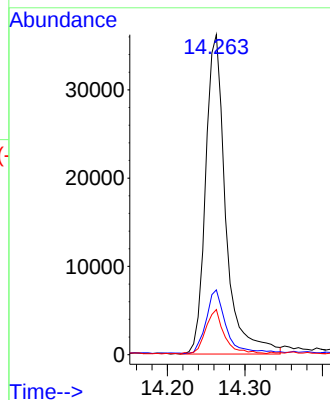
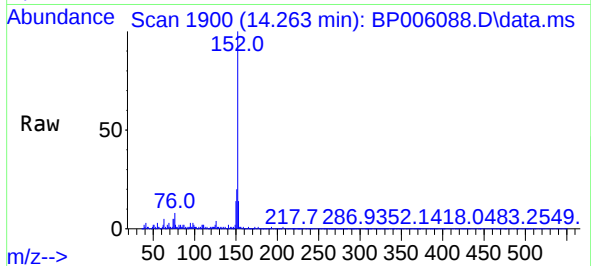
#49
Acenaphthylene
Concen: 2.440 ng
RT: 14.263 min Scan# 1900
Delta R.T. 0.006 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

Tgt Ion:	152	Resp:	65207
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.2	24.2
153	14.1	10.6	16.0

Instrument :
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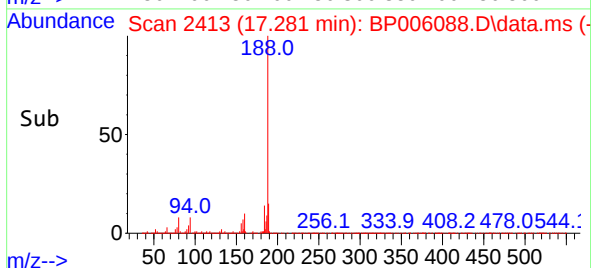
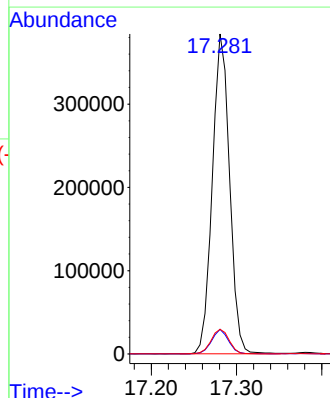
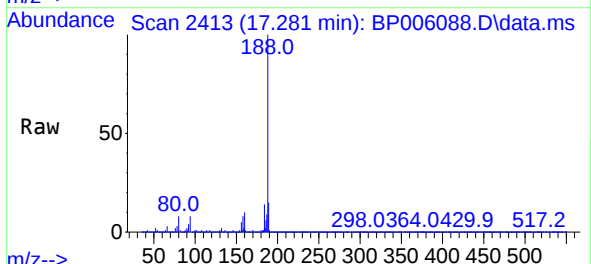
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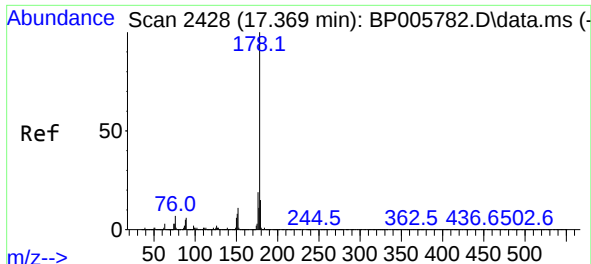
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.281 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

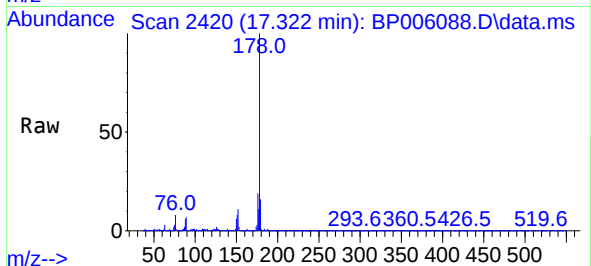
Tgt Ion:	188	Resp:	539673
Ion Ratio	Lower	Upper	
188	100		
94	7.7	5.6	8.4
80	7.7	6.3	9.5





#71
Phenanthrene
Concen: 12.996 ng
RT: 17.322 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

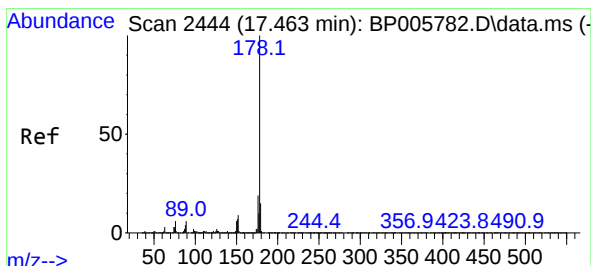
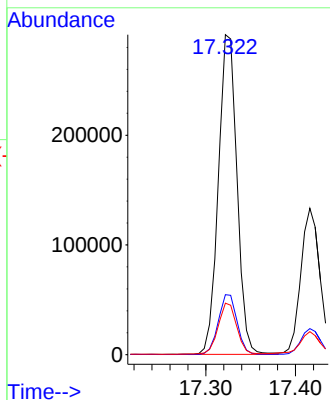
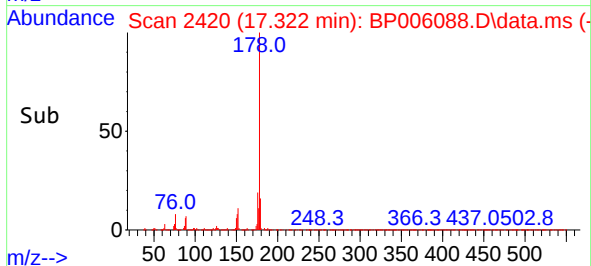
Instrument :
BNA_P
ClientSampleId :
OR-01-062521



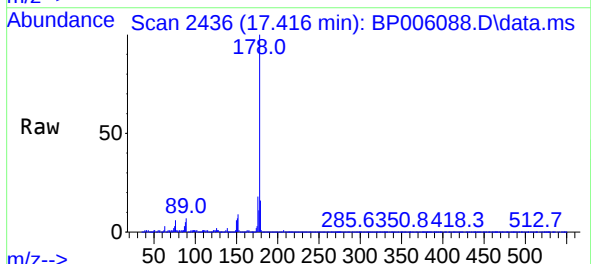
Tgt Ion:178 Resp: 421181
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 16.1 12.4 18.6

Manual Integrations
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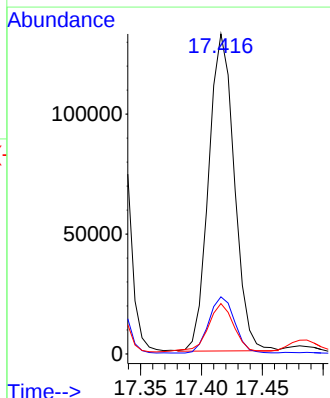
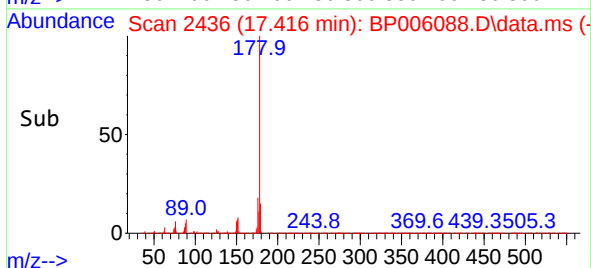
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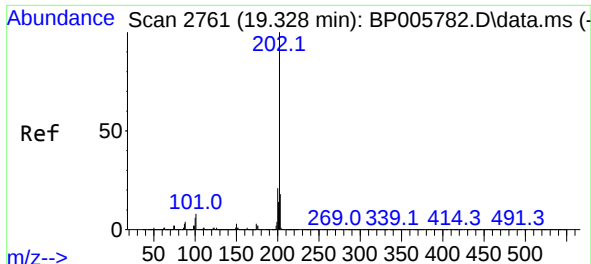


#72
Anthracene
Concen: 6.080 ng
RT: 17.416 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15



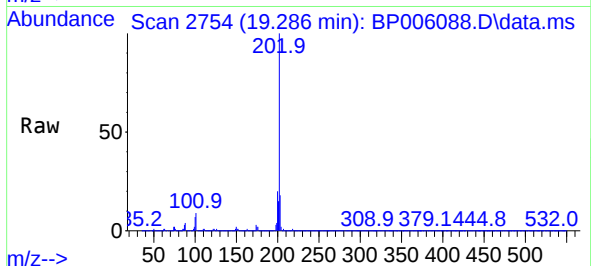
Tgt Ion:178 Resp: 193941
Ion Ratio Lower Upper
178 100
176 17.9 14.9 22.3
179 15.7 12.2 18.2





#75
Fluoranthene
Concen: 37.640 ng
RT: 19.286 min Scan# 2754
Delta R.T. 0.000 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

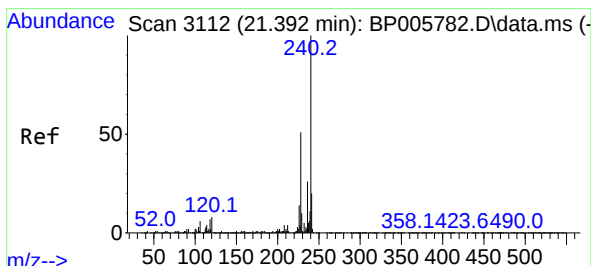
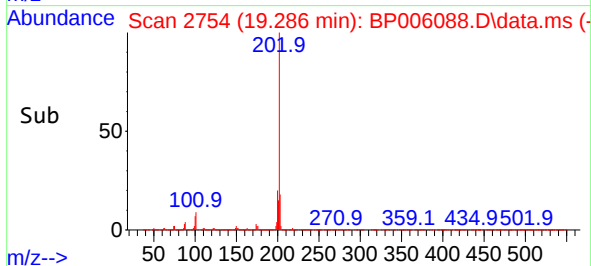
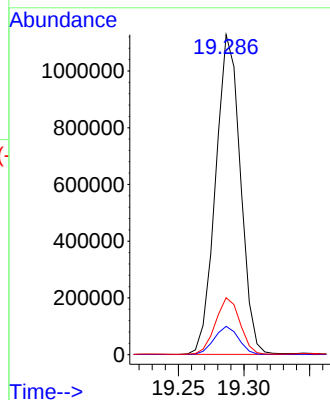
Instrument :
BNA_P
ClientSampleId :
OR-01-062521



Tgt Ion:202 Resp: 1481463
Ion Ratio Lower Upper
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101 8.8 0.0 27.6
203 17.8 0.0 37.8

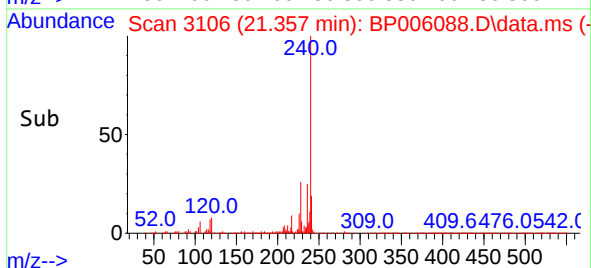
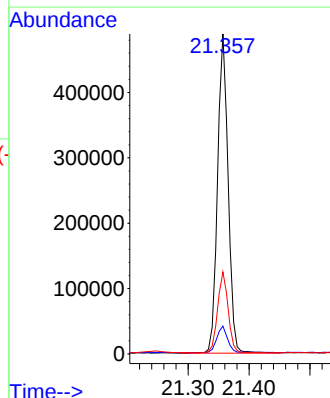
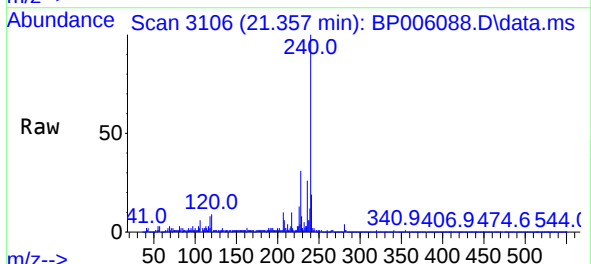
Manual Integrations
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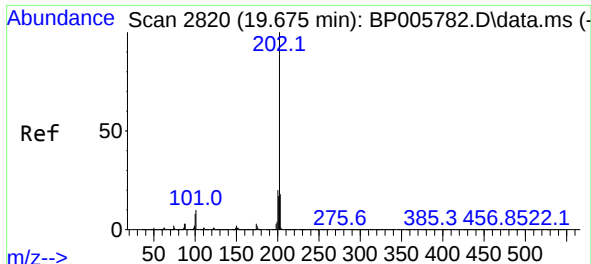
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3106
Delta R.T. 0.000 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

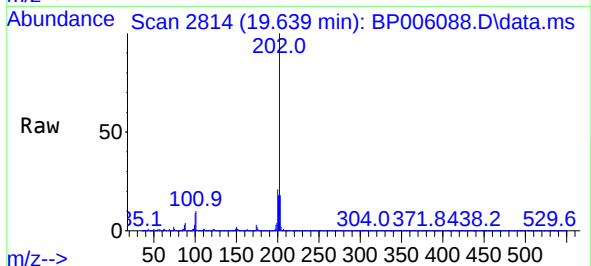
Tgt Ion:240 Resp: 586428
Ion Ratio Lower Upper
240 100
120 8.7 6.5 9.7
236 25.7 20.6 31.0





#78
Pyrene
Concen: 32.844 ng
RT: 19.639 min Scan# 2814
Delta R.T. 0.000 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

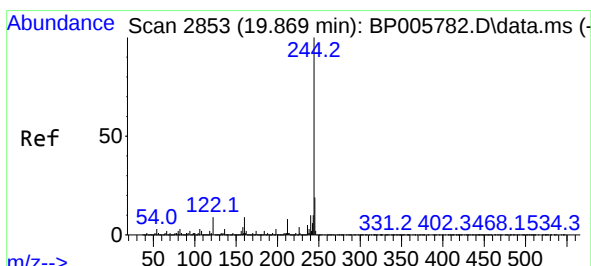
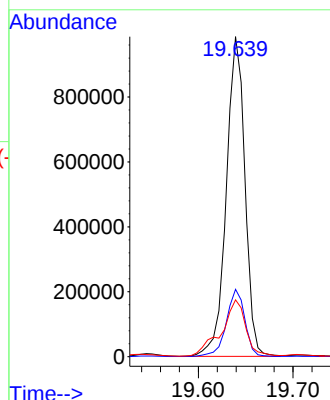
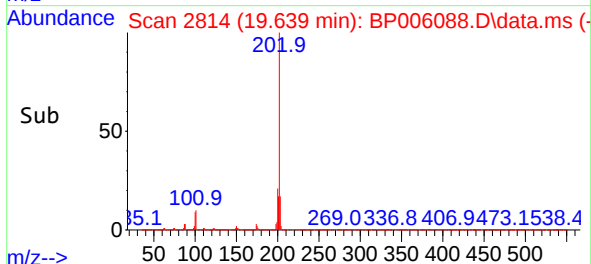
Instrument :
BNA_P
ClientSampleId :
OR-01-062521



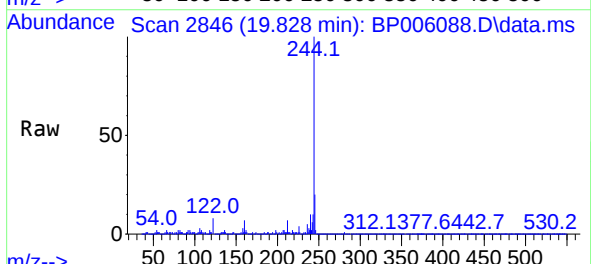
Tgt Ion:202 Resp: 1344603
Ion Ratio Lower Upper
202 100
200 21.0 16.3 24.5
203 17.7 14.2 21.2

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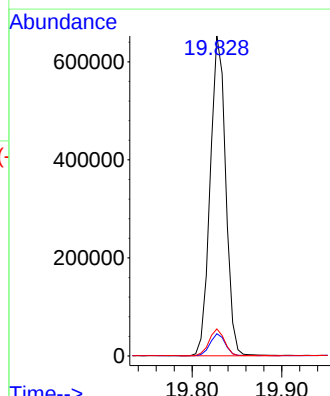
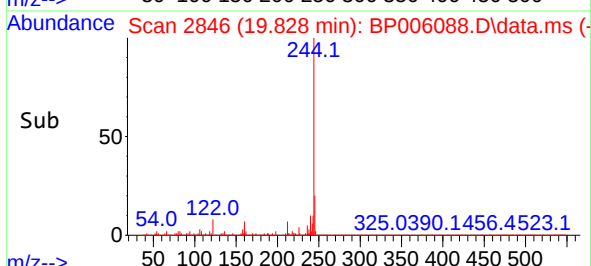
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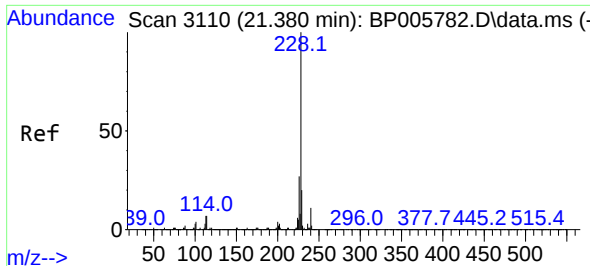


#79
Terphenyl-d14
Concen: 25.003 ng
RT: 19.828 min Scan# 2846
Delta R.T. -0.006 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15



Tgt Ion:244 Resp: 783059
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 8.5 7.1 10.7





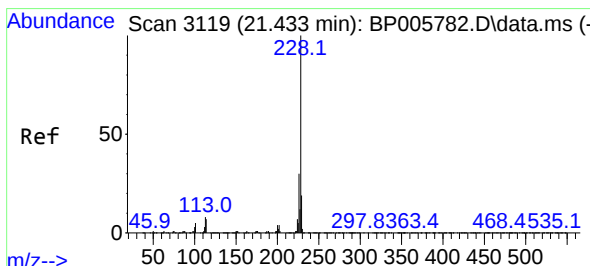
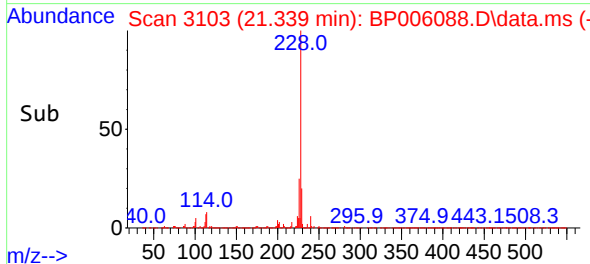
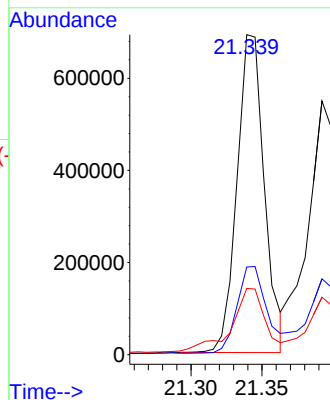
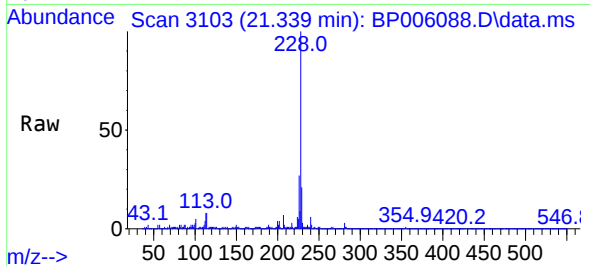
#81
Benzo(a)anthracene
Concen: 21.830 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

Tgt Ion:	228	Resp:	924103
Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.6	32.4
229	20.7	15.8	23.6

Instrument :
BNA_P
ClientSampleId :
OR-01-062521

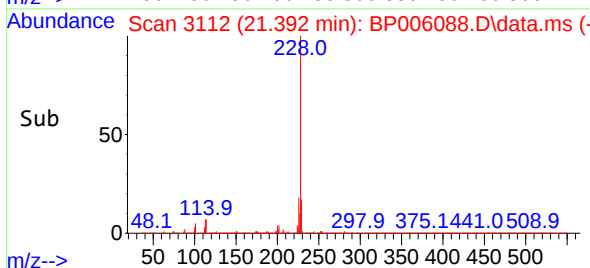
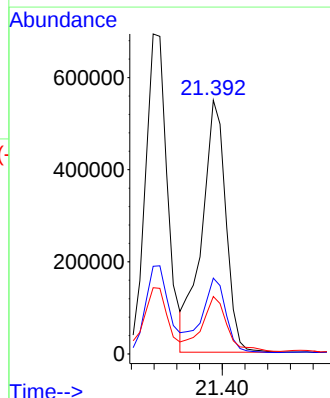
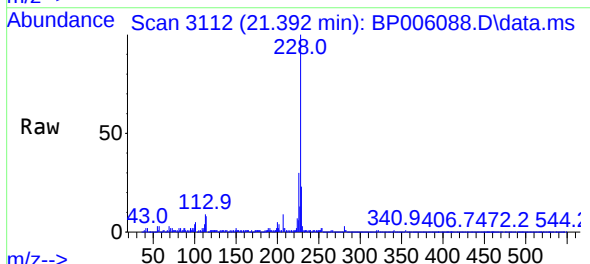
Manual Integrations
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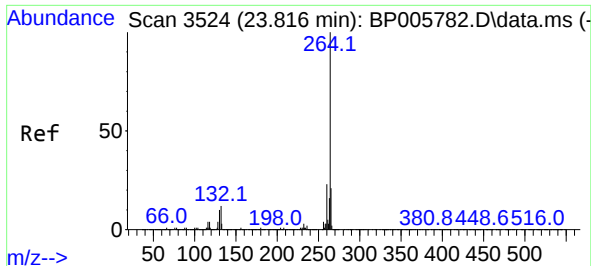
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#83
Chrysene
Concen: 19.685 ng
RT: 21.392 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

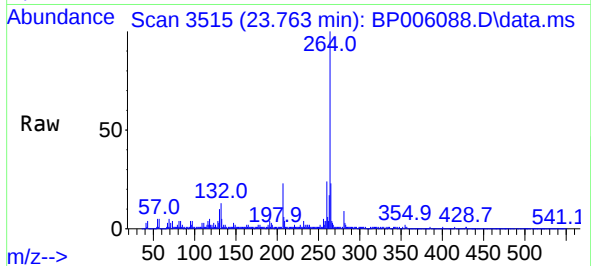
Tgt Ion:	228	Resp:	807117
Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.6
229	22.6	15.4	23.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.763 min Scan# 3515
 Delta R.T. 0.006 min
 Lab File: BP006088.D
 Acq: 28 Jun 2021 21:15

Instrument :
 BNA_P
 ClientSampleId :
 OR-01-062521

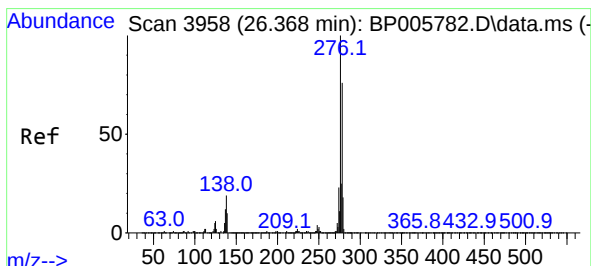
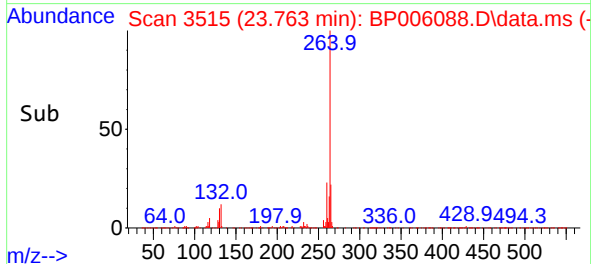
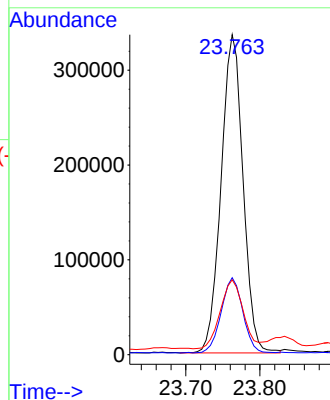


Tgt Ion: 264 Resp: 688862

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	28.0
265	23.4	17.6	26.4

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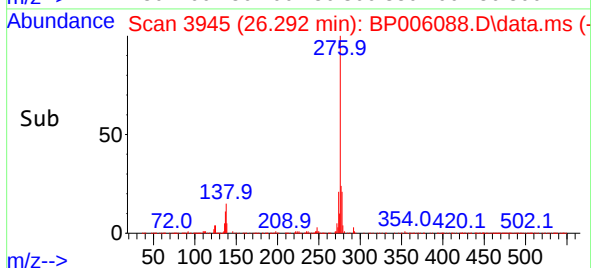
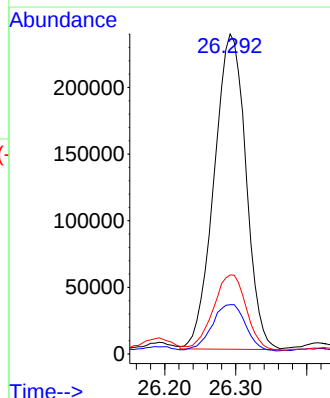
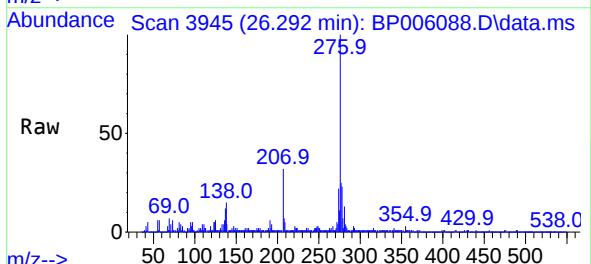
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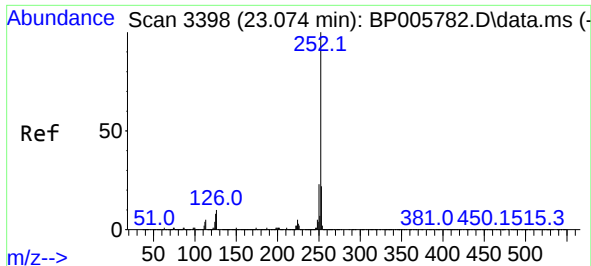


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 12.487 ng
 RT: 26.292 min Scan# 3945
 Delta R.T. 0.000 min
 Lab File: BP006088.D
 Acq: 28 Jun 2021 21:15

Tgt Ion: 276 Resp: 735608

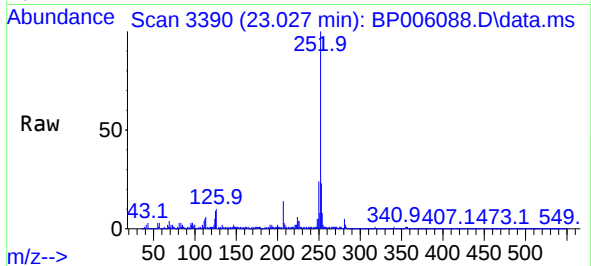
Ion	Ratio	Lower	Upper
276	100		
138	15.6	15.3	22.9
277	24.8	20.4	30.6





#88
Benzo(b)fluoranthene
Concen: 28.970 ng
RT: 23.027 min Scan# 3390
Delta R.T. 0.006 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

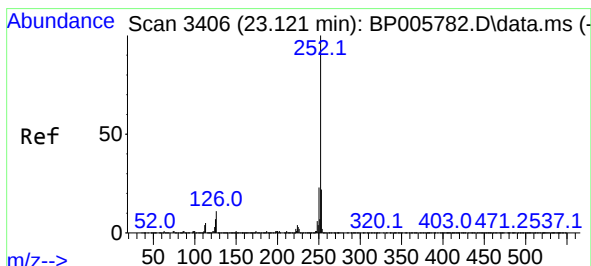
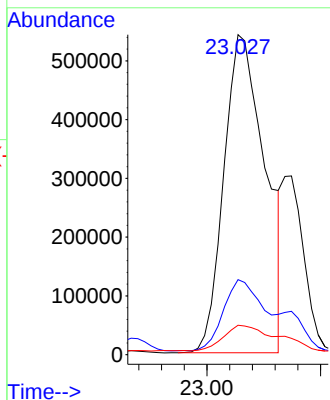
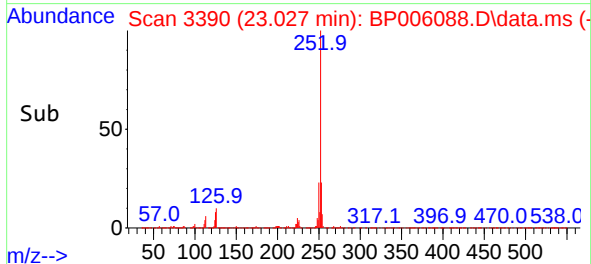
Instrument :
BNA_P
ClientSampled :
OR-01-062521



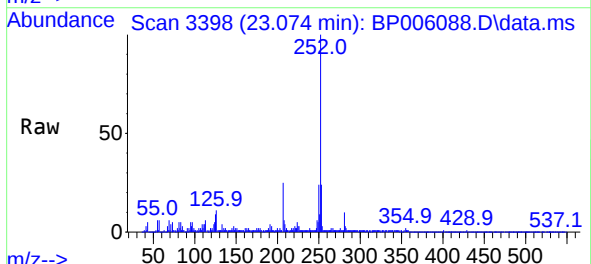
Tgt Ion:252 Resp: 1366850
Ion Ratio Lower Upper
252 100
253 23.4 17.5 26.3
125 9.2 6.2 9.4

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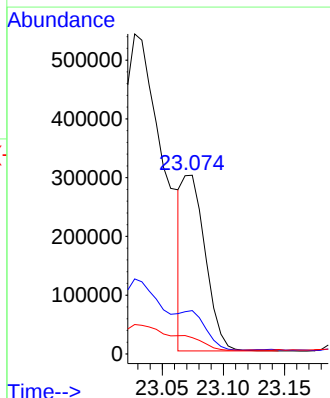
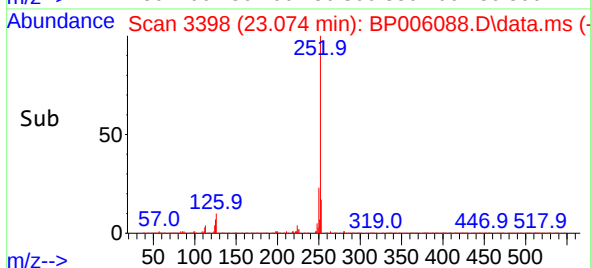
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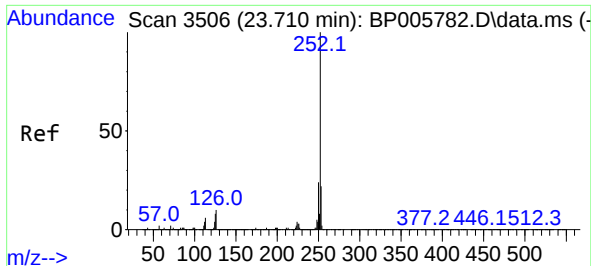


#89
Benzo(k)fluoranthene
Concen: 8.541 ng m
RT: 23.074 min Scan# 3398
Delta R.T. 0.006 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15



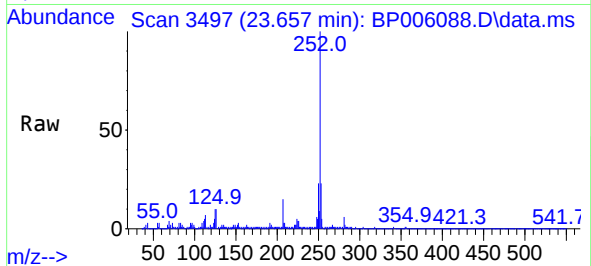
Tgt Ion:252 Resp: 390744
Ion Ratio Lower Upper
252 100
253 24.2 17.6 26.4
125 9.1 6.0 9.0#





#90
Benzo(a)pyrene
Concen: 22.076 ng
RT: 23.657 min Scan# 3497
Delta R.T. 0.006 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

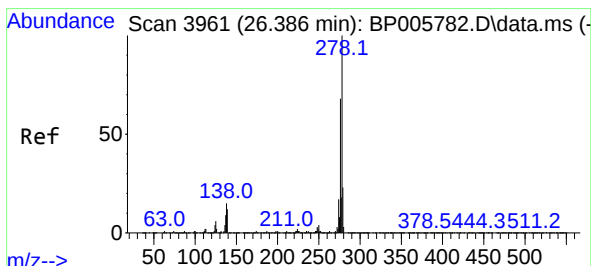
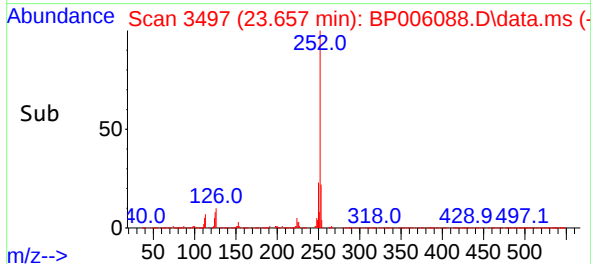
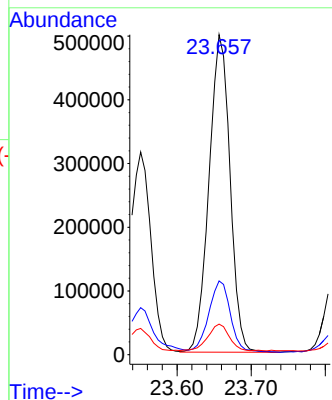
Instrument :
BNA_P
ClientSampleId :
OR-01-062521



Tgt Ion:252 Resp: 979243
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 9.5 6.5 9.7

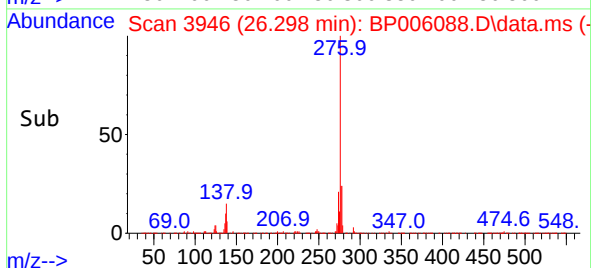
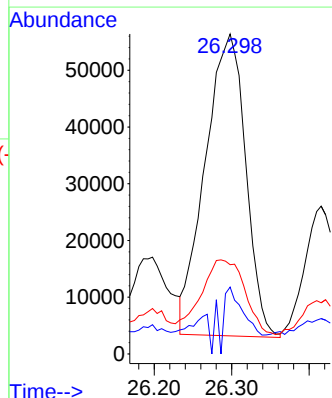
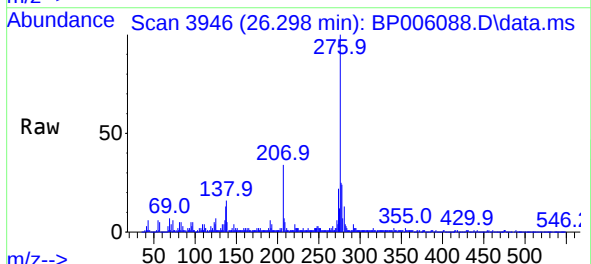
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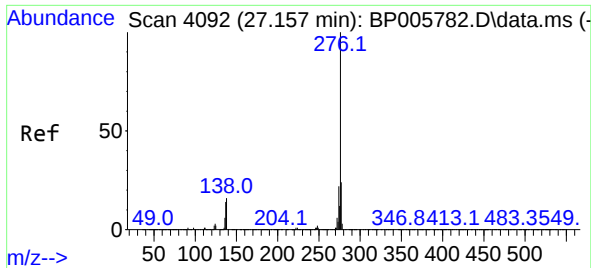
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#91
Dibenzo(a,h)anthracene
Concen: 3.816 ng
RT: 26.298 min Scan# 3946
Delta R.T. 0.000 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

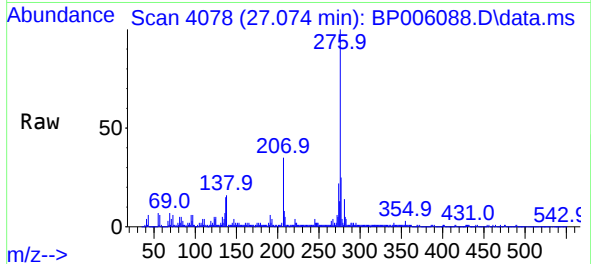
Tgt Ion:278 Resp: 193503
Ion Ratio Lower Upper
278 100
139 20.9 9.3 13.9#
279 27.9 18.8 28.2





#92
Benzo(g,h,i)perylene
Concen: 14.652 ng
RT: 27.074 min Scan# 4078
Delta R.T. 0.012 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

Instrument :
BNA_P
ClientSampleId :
OR-01-062521



Tgt Ion:276 Resp: 733884
Ion Ratio Lower Upper
276 100
277 24.7 18.9 28.3
138 16.2 12.6 18.8

Manual Integrations
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