

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090921\
 Data File : BP006934.D
 Acq On : 10 Sep 2021 11:11
 Operator : CG/JU
 Sample : M3651-18
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBKN1

Manual Integrations
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Quant Time: Sep 10 12:00:00 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP090821.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 09 11:07:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	262120	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	1168017	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.557	164	713835	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.310	188	1439086	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.386	240	1414335	20.000	ng/ul	-0.01
88) Perylene-d12	23.827	264	1401605	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	10089	1.532	ng/uL	0.01
4) Pyridine-d5	3.799	84	165567	9.646	ng/ul	0.02
7) Phenol-d5	7.152	99	99113m	5.145	ng/ul	0.06
9) Bis-(2-Chloroethyl)eth...	7.269	67	223316	20.183	ng/ul	0.00
11) 2-Chlorophenol-d4	7.493	132	234342	15.068	ng/ul	0.03
15) 4-Methylphenol-d8	8.640	113	191659	12.669	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	136828	19.340	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	126299	18.133	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.352	165	330660	20.133	ng/ul	0.00
31) 4-Chloroaniline-d4	10.875	131	214114m	9.427	ng/ul	0.00
46) Dimethylphthalate-d6	13.969	166	1172156	25.353	ng/ul	0.00
49) Acenaphthylene-d8	14.251	160	1371128	23.416	ng/ul	0.00
54) 4-Nitrophenol-d4	14.740	143	64861	8.075	ng/ul	0.00
60) Fluorene-d10	15.551	176	1015158	24.879	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	153648	24.135	ng/ul	0.00
73) Anthracene-d10	17.410	188	2042583	34.284	ng/ul	0.00
81) Pyrene-d10	19.639	212	1825440	27.559	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.669	264	1697229	25.101	ng/ul	-0.01
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.281	152	667172	10.981	ng/ul	100
52) Acenaphthene	14.622	153	473826	11.778	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.181	232	89103	8.384	ng/ul#	78
61) Fluorene	15.604	166	51856	1.121	ng/ul#	91
66) 4,6-Dinitro-2-methylph...	15.675	198	49019	7.563	ng/ul#	59
71) Pentachlorophenol	16.963	266	2899101	320.823	ng/ul	98
72) Phenanthrene	17.351	178	313979	4.380	ng/ul	98
74) Anthracene	17.445	178	136288	1.913	ng/ul	97
77) Carbazole	17.710	167	100024	1.579	ng/ul#	92
80) Fluoranthene	19.316	202	359513	4.364	ng/ul	95
82) Pyrene	19.663	202	238290	2.820	ng/ul	95

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

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Abundance

TIC: BP006934.D\data.ms

1.9e+07

1.8e+07

1.7e+07

1.6e+07

1.5e+07

1.4e+07

1.3e+07

1.2e+07

1.1e+07

1e+07

9000000

8000000

7000000

6000000

5000000

4000000

3000000

2000000

1000000

0

Time-->

4.00

6.00

8.00

10.00

12.00

14.00

16.00

18.00

20.00

22.00

24.00

26.00

28.00

1,4-Dioxane-d8,S

Pyridine-d5,S

Phenyl (5-Chloroethyl)ether-d8,S

2-Chlorophenol-d4,S

1,4-Dichlorobenzene-d4,I

4-Methylphenol-d8,S

Nitrobenzene-d5,S

2-Nitrophenol-d4,S

2,4-Dichlorophenol-d3,S

4-Chloroanthracene-d8,I

Dimethylphthalate-d6,S

Acenaphthylene-d8,S

Acenaphthene-d10,S

Acenaphthol-d4,S

2,3,4,6-Tetrachlorophenol

Fluorene-d9,S

Fluorene-d10,S

Anthracene

Anthracene-d10,S

Phenanthrene-d10,L

Carbazole

Fluoranthene

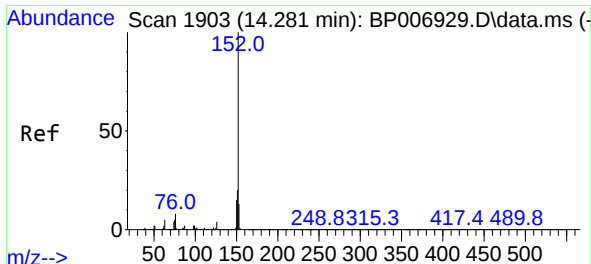
Pyrene-d10,S

Pyrene

Chrysene-d12,I

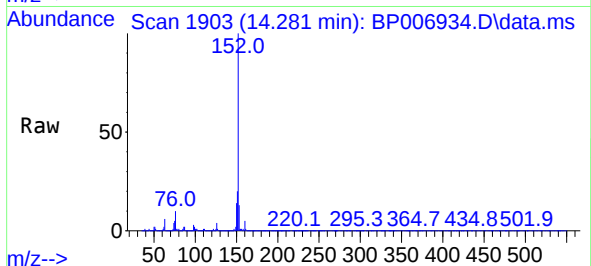
Benzo[a]pyrene-d12,S

Perylene-d12,I



#50
Acenaphthylene
Concen: 10.981 ng/ul
RT: 14.281 min Scan# 1903
Delta R.T. -0.006 min
Lab File: BP006934.D
Acq: 10 Sep 2021 11:11

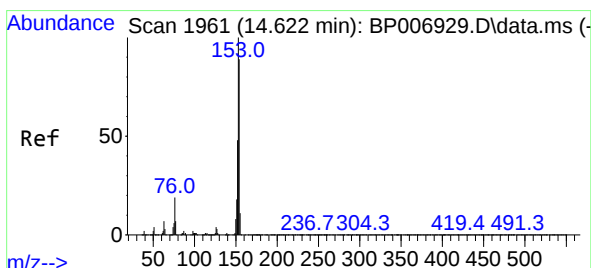
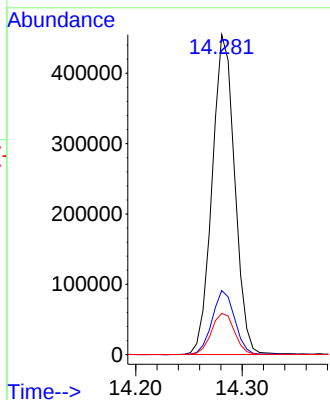
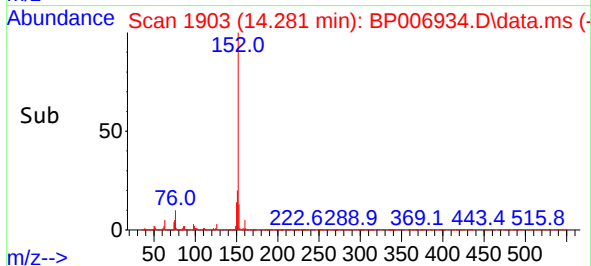
Instrument :
BNA_P
ClientSampled :
DBKN1



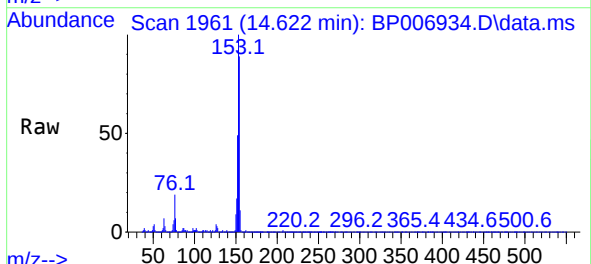
Tgt Ion:152 Resp: 667172
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 12.9 10.4 15.6

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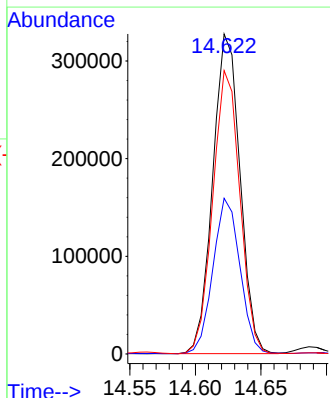
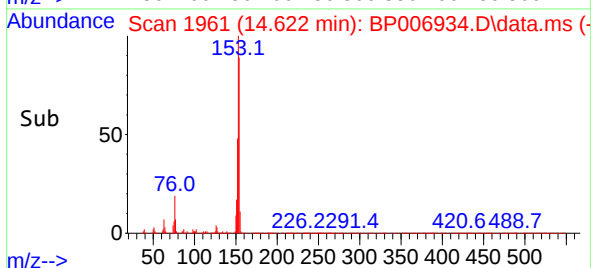
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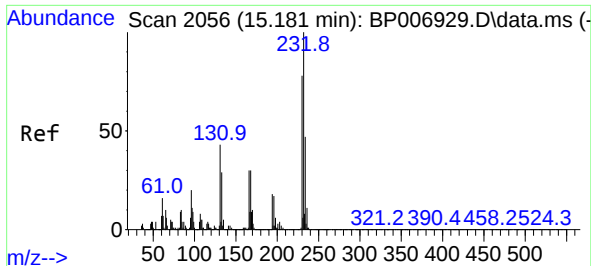


#52
Acenaphthene
Concen: 11.778 ng/ul
RT: 14.622 min Scan# 1961
Delta R.T. -0.006 min
Lab File: BP006934.D
Acq: 10 Sep 2021 11:11



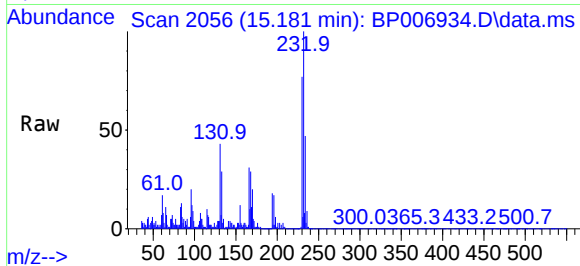
Tgt Ion:153 Resp: 473826
Ion Ratio Lower Upper
153 100
152 48.7 38.6 57.8
154 88.6 69.0 103.6





#58
2,3,4,6-Tetrachlorophenol
Concen: 8.384 ng/ul
RT: 15.181 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BP006934.D
Acq: 10 Sep 2021 11:11

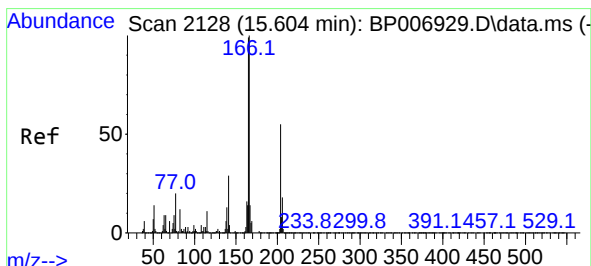
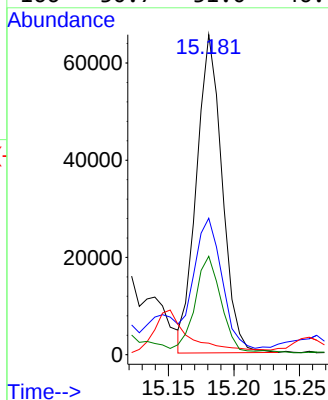
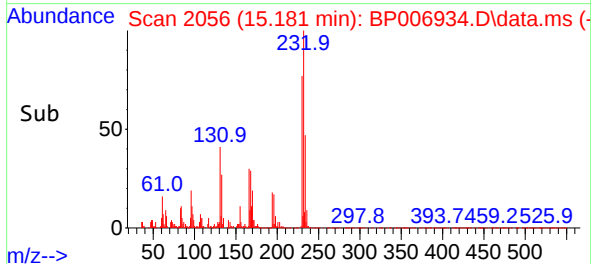
Instrument :
BNA_P
ClientSampled :
DBKN1



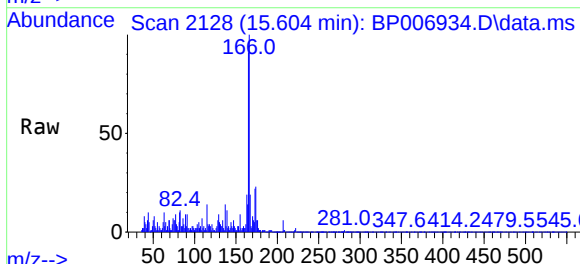
Tgt Ion:232 Resp: 89103
Ion Ratio Lower Upper
232 100
131 42.6 51.8 77.6#
130 3.6 3.1 4.7
166 30.7 31.0 46.4#

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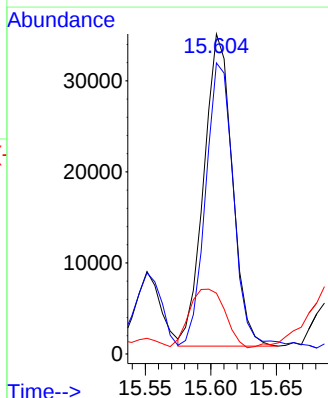
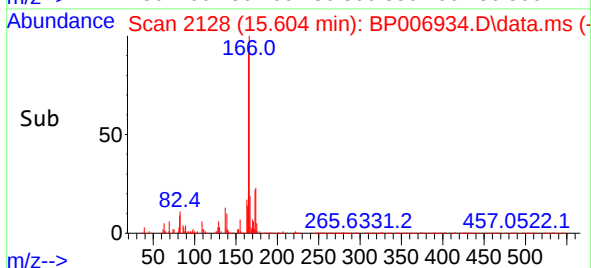
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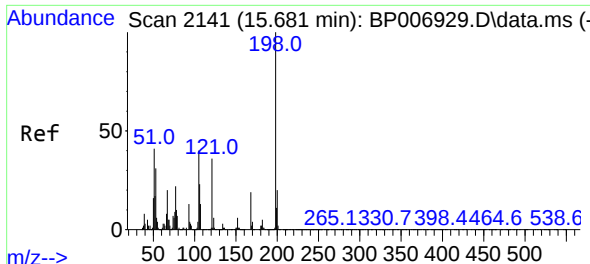


#61
Fluorene
Concen: 1.121 ng/ul
RT: 15.604 min Scan# 2128
Delta R.T. -0.006 min
Lab File: BP006934.D
Acq: 10 Sep 2021 11:11



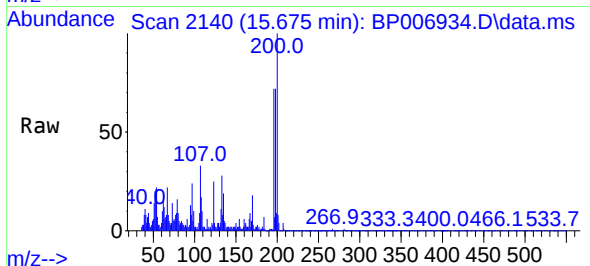
Tgt Ion:166 Resp: 51856
Ion Ratio Lower Upper
166 100
165 91.0 79.6 119.4
167 19.0 10.7 16.1#





#66
4,6-Dinitro-2-methylphenol
Concen: 7.563 ng/ul
RT: 15.675 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BP006934.D
Acq: 10 Sep 2021 11:11

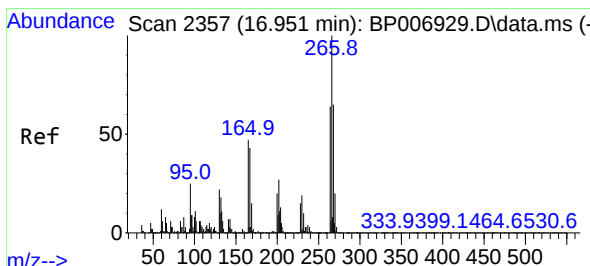
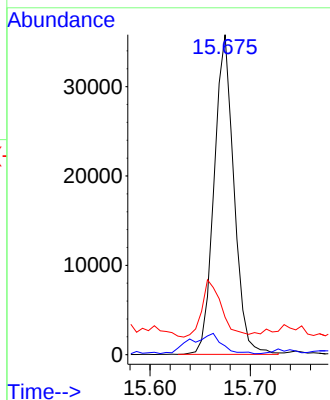
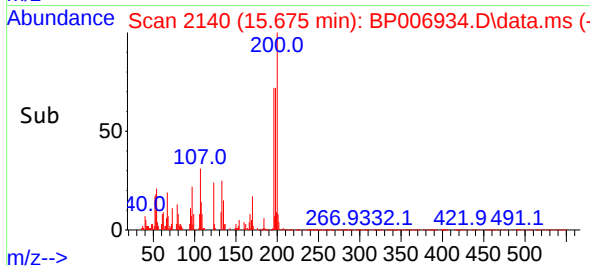
Instrument :
BNA_P
ClientSampled :
DBKN1



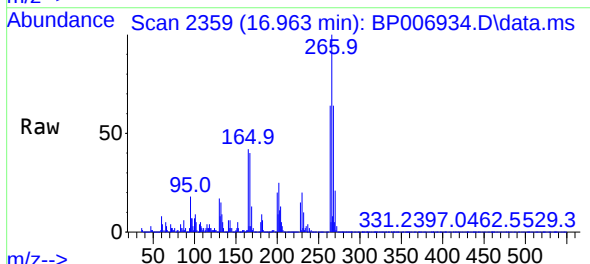
Tgt Ion:198 Resp: 49019
Ion Ratio Lower Upper
198 100
182 2.8 4.5 6.7#
77 11.7 31.7 47.5#

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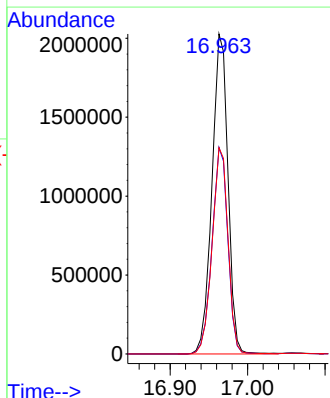
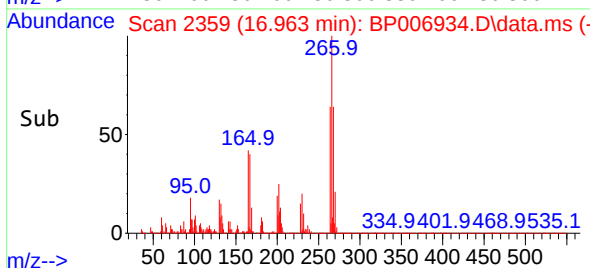
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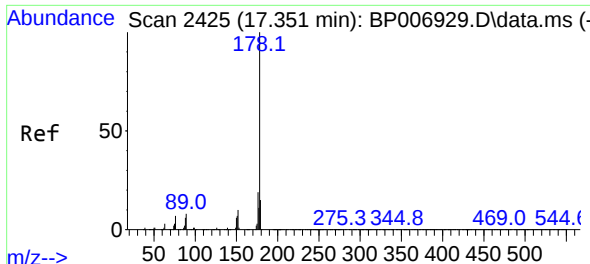


#71
Pentachlorophenol
Concen: 320.823 ng/ul
RT: 16.963 min Scan# 2359
Delta R.T. -0.000 min
Lab File: BP006934.D
Acq: 10 Sep 2021 11:11



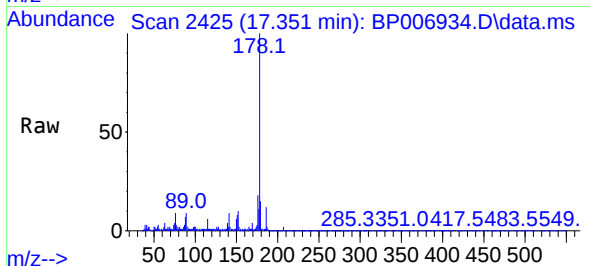
Tgt Ion:266 Resp: 2899101
Ion Ratio Lower Upper
266 100
264 64.5 51.0 76.4
268 64.4 49.4 74.2





#72
Phenanthrene
Concen: 4.380 ng/ul
RT: 17.351 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BP006934.D
Acq: 10 Sep 2021 11:11

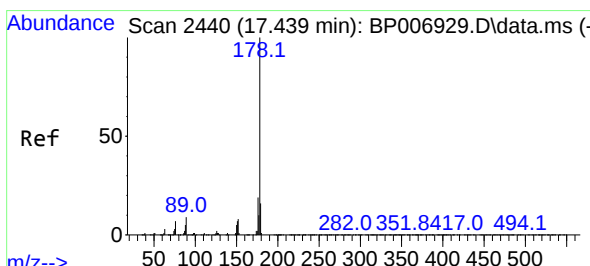
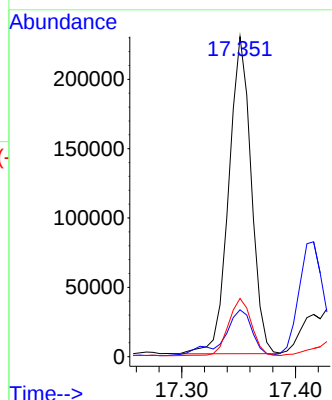
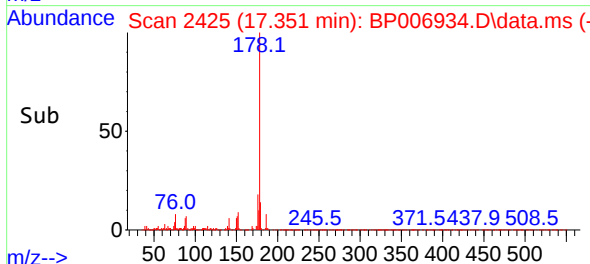
Instrument :
BNA_P
ClientSampleId :
DBKN1



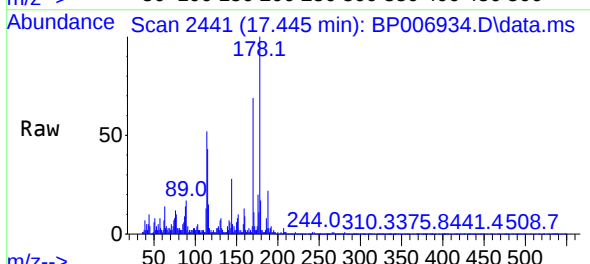
Tgt Ion:178 Resp: 313979
Ion Ratio Lower Upper
178 100
179 14.7 12.0 18.0
176 18.2 15.6 23.4

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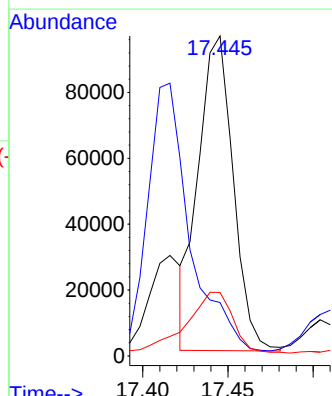
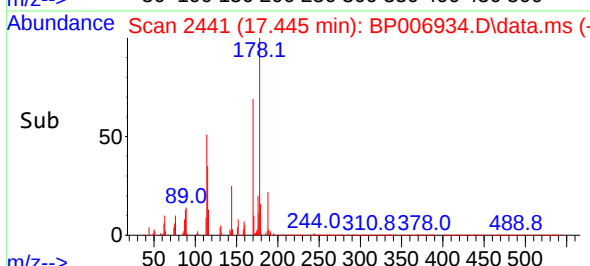
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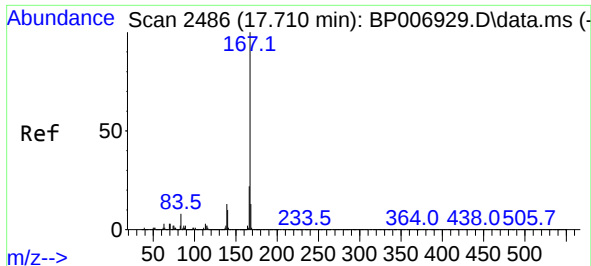


#74
Anthracene
Concen: 1.913 ng/ul
RT: 17.445 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BP006934.D
Acq: 10 Sep 2021 11:11



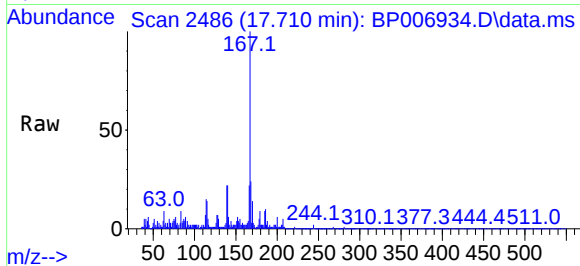
Tgt Ion:178 Resp: 136288
Ion Ratio Lower Upper
178 100
179 16.7 12.1 18.1
176 19.9 14.9 22.3





#77
 Carbazole
 Concen: 1.579 ng/ul
 RT: 17.710 min Scan# 2486
 Delta R.T. -0.006 min
 Lab File: BP006934.D
 Acq: 10 Sep 2021 11:11

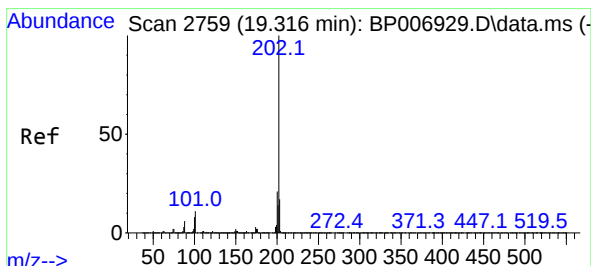
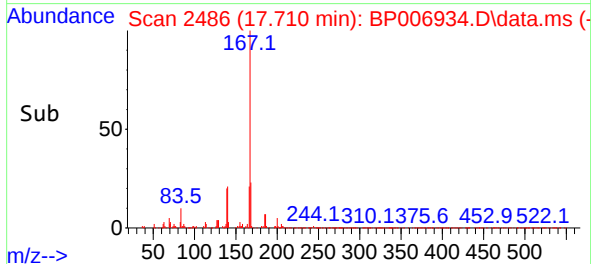
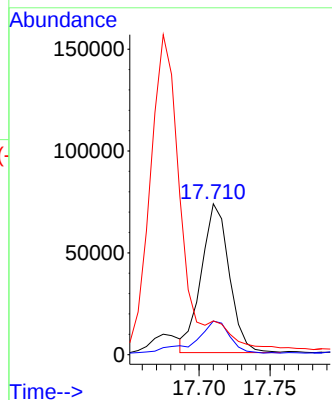
Instrument :
 BNA_P
 ClientSampleId :
 DBKN1



Tgt Ion:167 Resp: 100024
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 22.4 11.9 17.9#

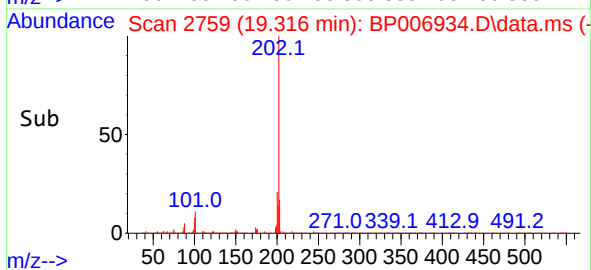
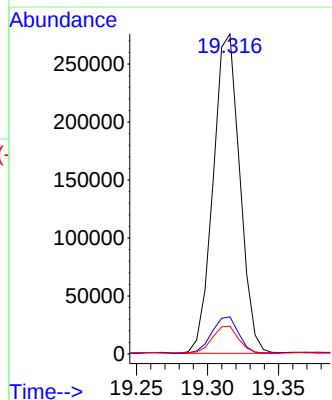
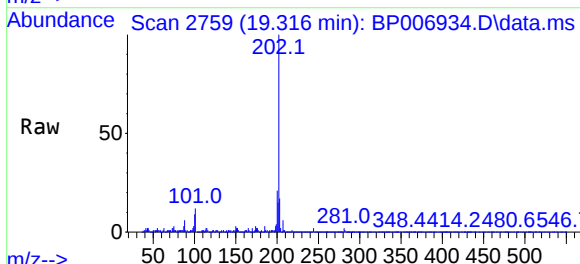
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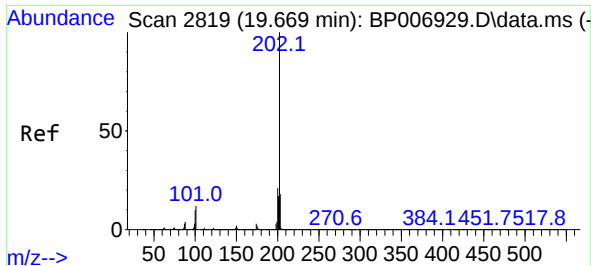
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#80
 Fluoranthene
 Concen: 4.364 ng/ul
 RT: 19.316 min Scan# 2759
 Delta R.T. -0.006 min
 Lab File: BP006934.D
 Acq: 10 Sep 2021 11:11

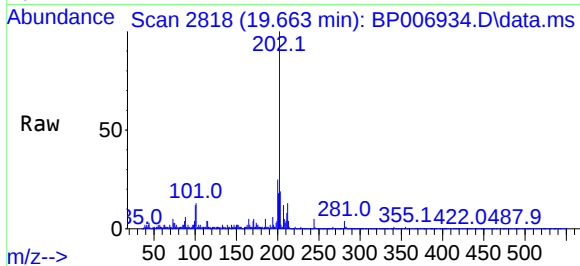
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 Ion Ratio Lower Upper
 202 100
 101 11.6 11.0 16.4
 100 8.7 8.3 12.5





#82
 Pyrene
 Concen: 2.820 ng/ul
 RT: 19.663 min Scan# 2818
 Delta R.T. -0.012 min
 Lab File: BP006934.D
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Instrument :
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Tgt Ion:202 Resp: 238290
 Ion Ratio Lower Upper
 202 100
 101 12.9 12.6 19.0
 100 12.4 10.6 15.8

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